KING TONY

Enjoy your work

2019/20 CATALOGUE

Quality | Innovation | Health | Enjoyment

Tools Category

Object-Oriented Organization & Tools Storage & Tools System Sets

Hand Sockets & Accessories
(1/4", 3/8", 1/2", 3/4" , 1" Drive & Combination Set)

Impact Sockets & Accessories
(1/4", 3/8", 1/2", 3/4", 1", 1- 1/2", 2- 1/2", 3- 1/2" Drive)

Pneumatic Tools

Torque Control & Multipliers

Wrenches

Pliers

Pipe Tools

Screwdrivers & Hex Key & Bits

Electronic & Electrical

Hammers & Striking Tools

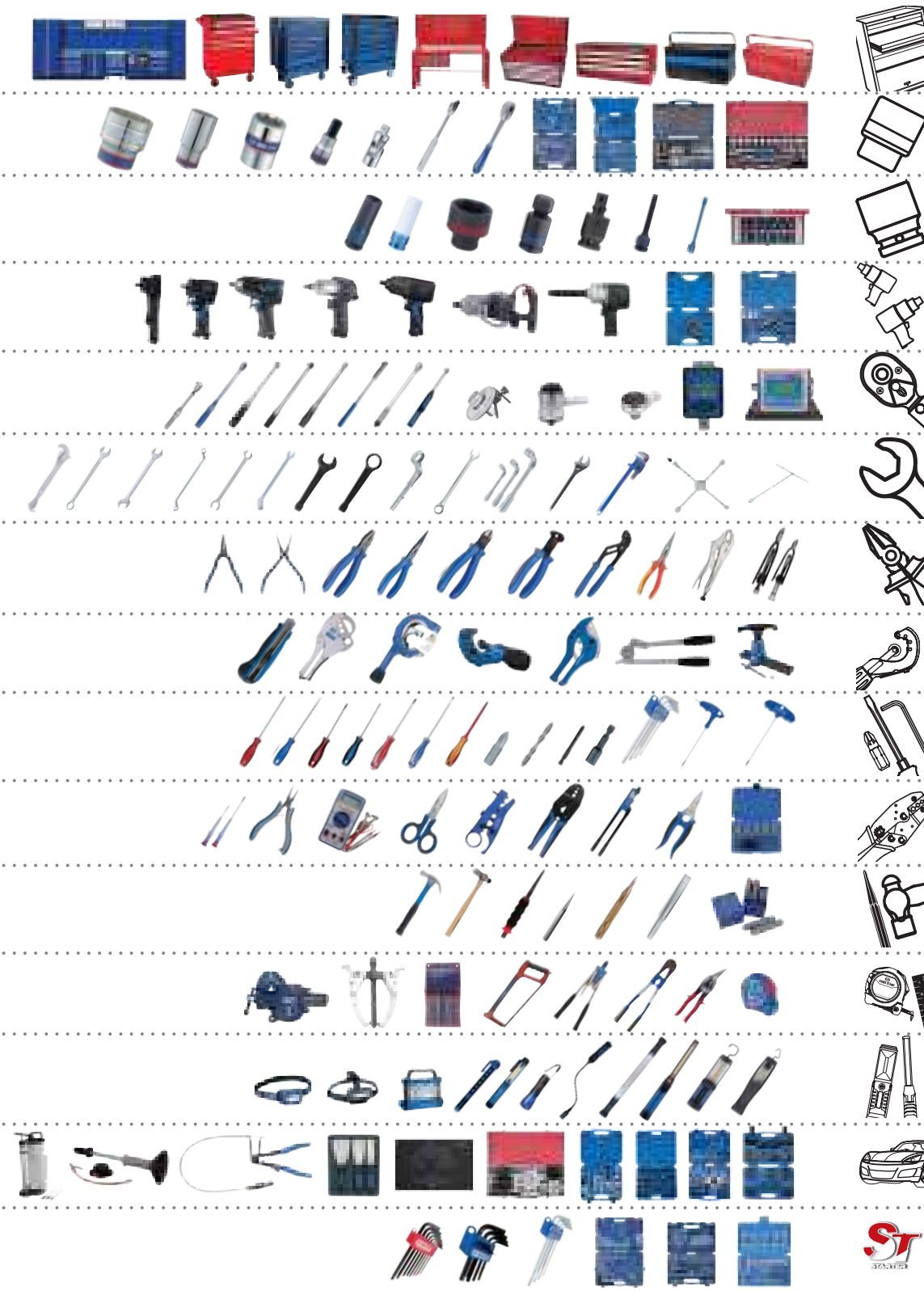
Workshop Tools
(Puller, Riveter, Measuring tool, Cutting)

Lighting

Automotive Tools
(Engine, Undercar, Body, General Series)

ST Series Tools

20
34
120
200
234
260
284
318
330
340
382
408
416
434
444
544



KING TONY

Enjoy your work

Company Profile

In 1976, amidst a lack of capital and technology in Taiwan, Mr. Charles Lai & Mr. Tony Lin founded a hot forge factory specializing in making hand tools for the DIY market. Eight years later, many other companies had followed their lead and although the market grew quickly, quality suffered. With pricing, costs and quality nearing a state of chaos it became clear to KING TONY's founders that they needed to seek a new direction.

Mr. Lai & Mr. Lin found their new direction; making professional quality hand tools built to compete with the best in the world. They set their standards high and in the years since, have consistently exceeded the requirements of the world's toughest standards. KING TONY tools don't just meet the DIN (German) standard and the ANSI (U.S.A.) standard, they routinely exceed them. In fact, we test every torque make to a standard 30% higher than that prescribed by DIN and our pneumatic impact tools to a 50% higher standard. That's true commitment to quality!

To further underscore our determination to compete with the best in the world we have achieved certification with ISO on three separate standards. First, in January 1998, ISO 9002, followed by ISO 9001 and more recently we have qualified for the environmental safety standard, ISO 14001. We believe that is our responsibility to the world and we will always dedicate to reduce the harm to the earth during our manufacturing process in the future.

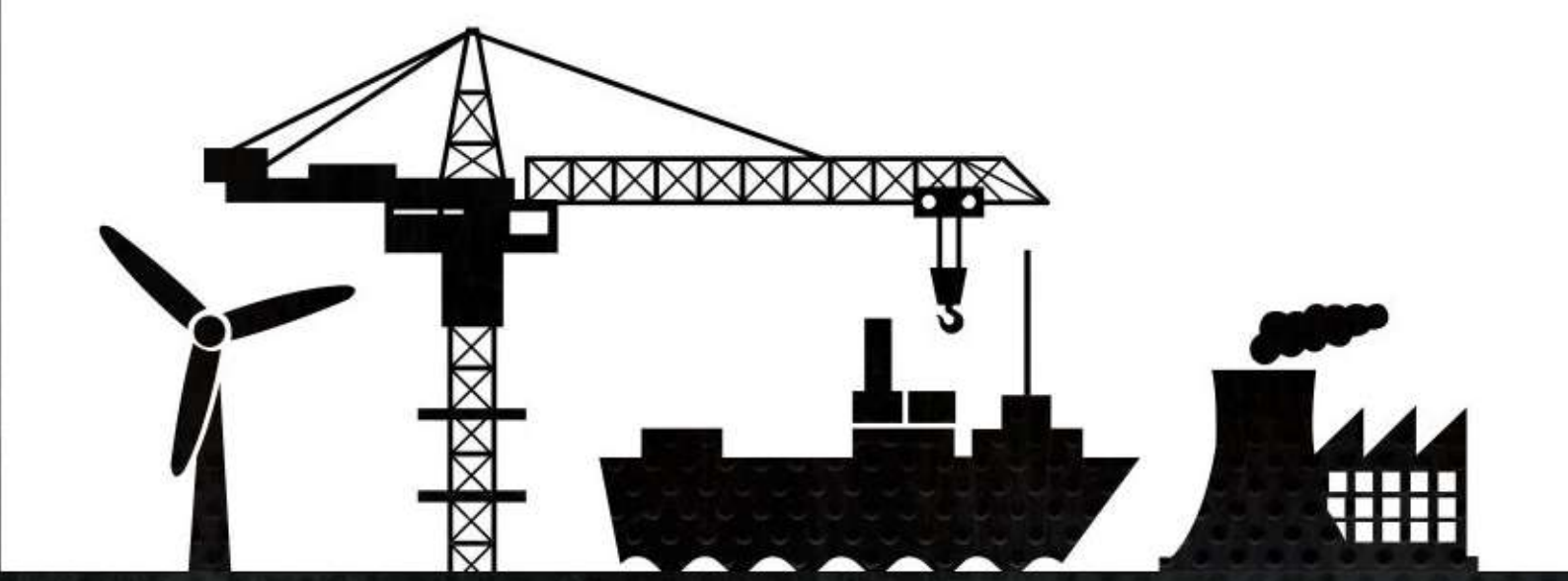
You might sense that King Tony Tools is about much more than a world-class tool. The ideals of KING TONY's management are fulfilled daily by our hundreds of employee's at our branches and offices around the world. You will find KING TONY Tools and its branches in: France, Germany, Spain, Belgium, Mexico, U.S.A., China. Each of our local branch offices is tasked with insuring that you, our customer, are happy not just with our quality but with the experience of being a KING TONY customer.

KING TONY®

Enjoy your work

Vision

KING TONY engaged in supplying professional tools for more than 34 years, we always focused on supplying quality tools to our customers to make sure the quality satisfies the working requirement. To finish a professional job is a dream and target for every mechanic, and to finish it more easily and perfectly is even a better achievement. Thus, every mechanic can really enjoy their work. From this motive we have a goal that is to make every mechanic know, when they use KING TONY professional tools, they will quickly, perfectly and easily finish their work. They may feel more of confidence and enjoy what they do. To achieve this goal, we will continue to supply tools that is easy to take, easy to use, save time and strength. Our future vision is to tell every mechanic who uses KING TONY tools "enjoy your work", which contains the meaning to use good tools to do good jobs and have real enjoyment in the process. Why not find your enjoyment from your job, take KING TONY professional tools and you will start to experience it.



BEINSPIRED & MILESTONES

1984 Hot Forge

1989 Tougher Design

1990 Color Code Stripe

1993 Super Standard

1996 Close Tolerance

1999 VDE Safety Grip

2007 Masters of Torque

2012 Dual Colors Stripe

2015 Trustworthy Brand

2018 World Distribution

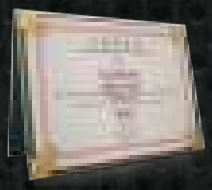
Branches :

- **France :**
  3 Rue des imprimeurs, ZI République Nord,
  86000 Poitiers, France
- **Spain :**
  Calle de la Alcarria, 7 Bajo 4, 28823 Coslada
- **Belgium :**
  16 Boulevard Paepsem, 1070 Anderlecht Belgium
- **Mexico :**
  Av San Jose No. 15-A,Col. , Zona Industrial La
  Presa, C.P. 54187 Tiainepantia, Edo. De Mexico
- **China :**
  No. 3 Building,No.285 Jingmao Rd.,
  Industrial Park of Suzhou, Suzhou, Jiangsu, China

KING TONY Distribution

TAIWAN SUPERIOR BRANDS

NATIONAL BRAND YUSHAN AWARD



TAIWAN EXCELLENCE

Create to improve, protect where we live, balance environment and human.

Intellectual Property

New Registered Trademark

Please recognize KING TONY's official registered trademark.

Metric size

Imperial size

Trademark Worldwide Registration

Inspection Equipment

01 Spectrometer

Metal material elements analysis

02 Gauge measurement

Measure the screw tap to meet LEVEL I tolerance of DIN standard

07 Precise cutting machine

Cut for a smooth section

08 Mounting press machine

In order to fix tiny and multilateral workpiece

09 Grinding polishing machine

Make surface of workpiece smoother and clearer for further observation

10 Micro-hardness tester

Analyze the change of metallography after heat treatment and the difference of hardness between surface and central location

15 Torque wrench tester

Follow the DIN ISO & ASME standard to test torque tolerance by 3 points of 20%, 60% and 100% of max. scale

16 Micro-torque tester

Test products with smaller torque such as bits for their durability

17 Vision measuring machine

Measure parts for difficult angle or in the narrow space

03 Rockwell hardness tester

Test the product's hardness to meet KING TONY quality standard

04 Salt-water spray tester

48 HRs environmental simulation test to check product's durability from being rusty

05 Thickness test of plating

Apply special chemical to check thickness of plating and ensure it reaches KING TONY 's standard

06 Torque tester

Fracture test to check the max. torque to ensure excess of DIN standard

12 Tension tester

Test pulling force of product especially for joint workpiece according to DIN standard

11 Environmental simulation test of temperature & humidity

Simulate temperature from 70 °C ~ - 20°C to test product reaction and durability while obvious change of temperature

13 Hammering tester

Test the lifetime of striking hammer and security of the joint of hammer& wooden shaft

14 Pliers class measure tester

Test the cutting force and durability

19 Insulated tester

Ensure products are insulated under the voltage 1000V

18 Carton busting strength tester

Test the strength of carton in order to assure good packing quality

Production Process

01

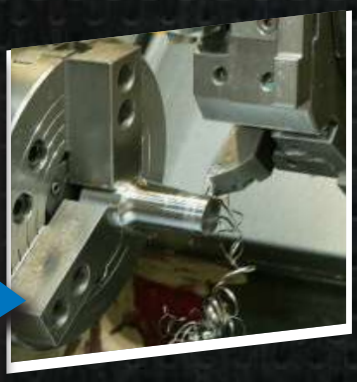
Hot forge

Heat to take shape and complete fibers to improve durability

02

Lathing

Control sockets external diameter and the roundness



08

Heat treatment

Enhance product performance to achieve max. hardness

07

Marking

Stamp dimensions, material and manufacturer

09

Vibrating

Remove oxide layer and burrs for surface coating

10

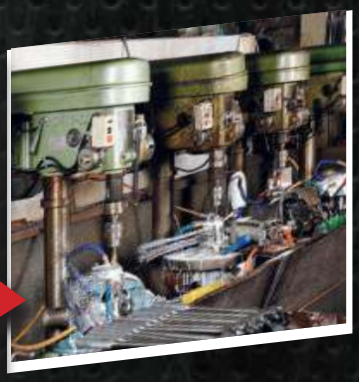
Sand blast

Remove oxide layer and burrs for surface coating

15

Rubber stripe assembly

The unique bi-colors rubber stripe design and is easy to distinguish metric and imperial dimension



03 Drilling

Drilling pin hole on the groove to offer socket safety operation

04 Machining (CNC)

Finish complicated process to ensure product the precision

05 De-burring

Remove the burrs and chamfer on square hole

06 Punching & Broaching

Make accurate dimension for the spanner

11 Grinding

Remove oxide layer and ensure sockets roundness for follow process precision

12 Plating

Nickel-chrome plated to protect product from corrosion and improve finish

14 Silk printing

The unique bi-colors silk printing design and is easy to distinguish metric and imperial dimension

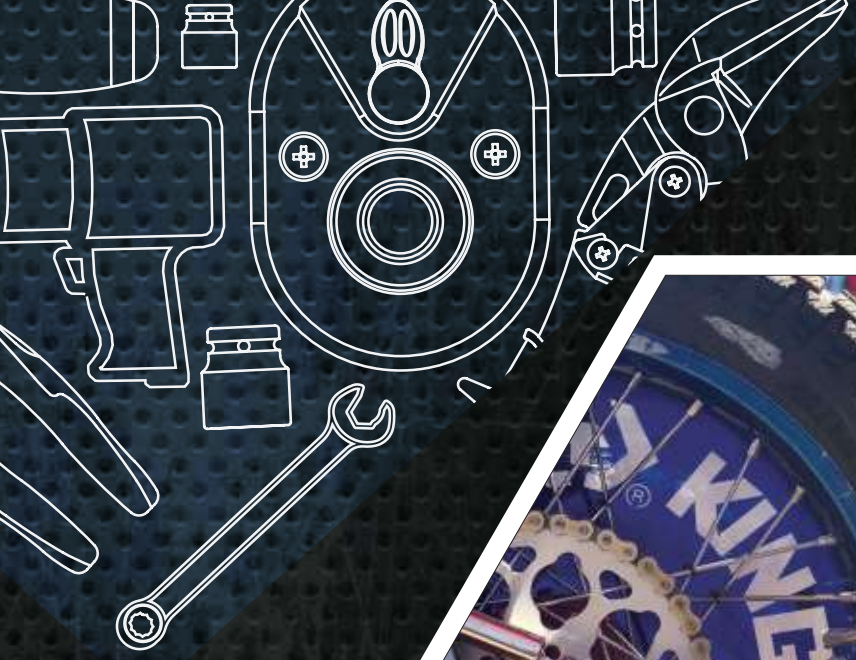
13 Phosphate sunk

Increase impact sockets wear resistant and prevent corrosion to improve the durability

Exhibitions

KING TONY
Enjoy your work

Sponsor & Partnership

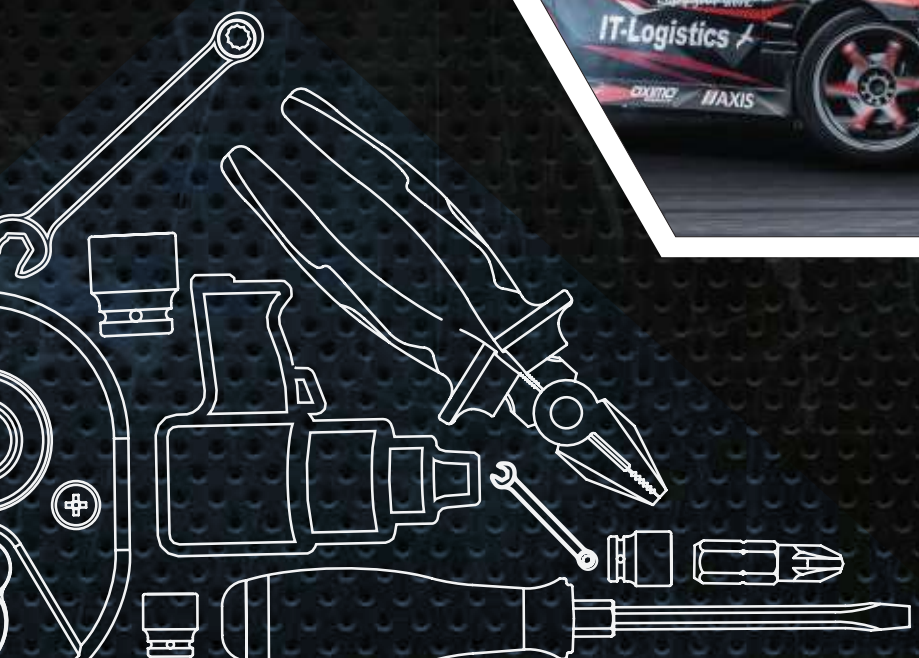


KING TONY
www.kingtony.com.pl
KING TONY
NARZĘDZIA DLA PROFESJONALISTÓW

KING TONY

iMED
TOTAL

KING TONY
IT-Logistics
AXIS



Branding to Target Users

KING TONY
Enjoy your work

KING TONY

KING TONY
Quality
Innovation

KING TONY
KING TONY
KING TONY
Enjoy your work

Advertising materials

ZS104
Size: 11.5 x 9 cm
Leather Male Wallet

ZS105
Size: 11 x 7.5 cm
Leather Wallet
For Business Card

ZS106
Size: 43 x 32 x 9 cm
Briefcase (Nylon)

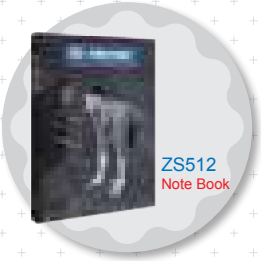
ZS107
Size: 40 x 35 x 8 cm
Briefcase (Leather)

ZS402
Ball-Bearing Pen

ZS403
Ballpoint Pen

ZS405
Ball-Bearing Pen

ZS408
Ruler 30 cm



ZS512
Note Book

ZS409
Size: 310x220mm
A4 L Shape Clear File

ZS410
Size: 310x495x17mm
A4 Clear File

ZS411
Size: 530x367x2mm
Mat

ZS510
Notepaper

ZS306
Size: 18x18x0.3cm
Mouse Pad

	Waist. (inch)	Hip (inch)
ZS109 - L	34"	48"
ZS109 - XL	36"	50"
ZS109 - 2L	38"	52"
ZS109 - 3L	41"	54"

Work Clothing

Overall	Waist. (inch)	Hip (inch)
ZS112 - L	36"	44"
ZS112 - XL	40"	48"
ZS112 - 2L	44"	52"
ZS112 - 3L	48"	56"

Work Clothing

Overall	Shoulder width (inch)	Chest girth (inch)
ZS111 - M	17"	41"
ZS111 - L	18"	43"
ZS111 - XL	19"	45"
ZS111 - 2L	20"	47"
ZS111 - 3L	21"	49"

Polo Shirt

Overall	Shoulder width (inch)	Chest girth (inch)
ZS111A - S	14"	36"
ZS111A - M	15"	37"
ZS111A - L	16"	39"
ZS111A - XL	17"	41"
ZS111A - 2L	18"	42"
ZS111A - 3L	19"	44"

Polo Shirt

Overall	Chest girth (cm)
ZS141 - S	44"
ZS141 - M	46"
ZS141 - L	48"
ZS141 - XL	50"
ZS141 - 2L	52"
ZS141 - 3L	54"

Windbreaker Jacket

ZS142W

ZS142B

ZS142G

	Shoulder width (inch)	Chest girth (inch)
S	16"	38"
M	17"	40"
L	18"	42"
XL	18-1/2"	44"
2L	19"	46"
3L	19.5"	48"

new T-shirt

ZS108
Leather Belt (Male)

ZS110
Work Hat

ZS116
Size: 68x8K
Golf Umbrella

ZS120-S
Personal Cooler Bag

ZS516
Corkscrew

ZS539
Opener

ZS511
Paper Cup

ZS119
Handbag

ZS540 new
Mini multi-tool

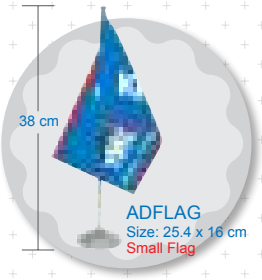
ZS522
Key Ring

ZS524
Key Ring

ZS530
Key Ring

ZS533
Key Ring

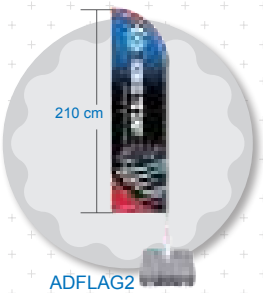
ZS307 new
Expanding
holder stand



38 cm

ADFLAG
Size: 25.4 x 16 cm
Small Flag

ADFLAG1
Size: 930 x 1430 mm
Big Flag



210 cm

ADFLAG2
Size: 210 x 60 cm
Outdoor Flag

ADSTK21KT 99 x 45 cm
ADSTK22KT 50.6 x 22.6 cm
ADSTK23KT 26.4 x 4.2 cm
Sticker

ADSTK-C1
ø - 250 mm
Sticker

ADSTK-H1
ø - 250 mm
Sticker

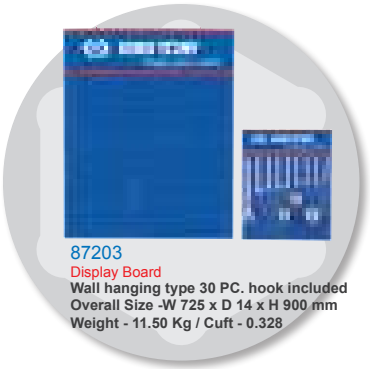
ADCV-01
Size: 300 x 80 cm
Canvas Strip

ADCV-02
Size: 300 x 80 cm
Canvas Strip

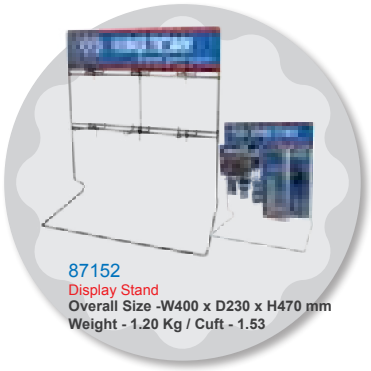
Tool Display

Display Hook
87301- 494A 4" x Ø 4 mm
87301- 496A 6" x Ø 5.2 mm
87301- 498A 8" x Ø 5.2 mm
87301- 499A 9" x Ø 8 mm

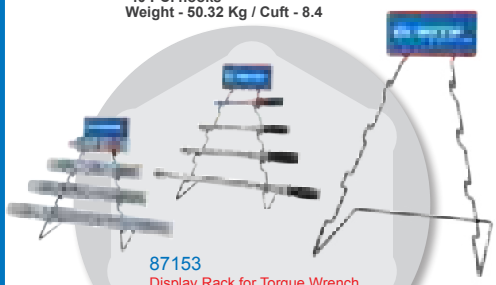
87301
Display Stand
Overall Size -
W 950 x D 500 x H 2230 mm
Attachment-
1 PC. lamp case
2 PC. angled steel frame
2 PC. shelve
4 PC. steel plate with hole
40 PC. hooks
Weight - 50.32 Kg / Cuft - 8.4



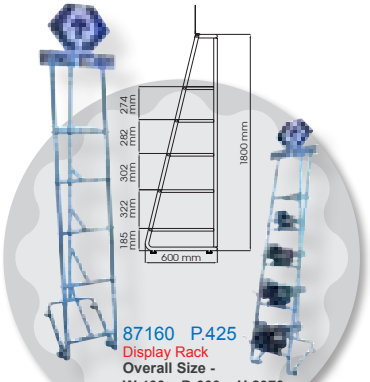
87203
Display Board
Wall hanging type 30 PC. hook included
Overall Size -W 725 x D 14 x H 900 mm
Weight - 11.50 Kg / Cuft - 0.328



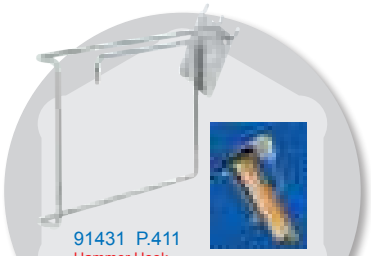
87152
Display Stand
Overall Size -W400 x D230 x H470 mm
Weight - 1.20 Kg / Cuft - 1.53



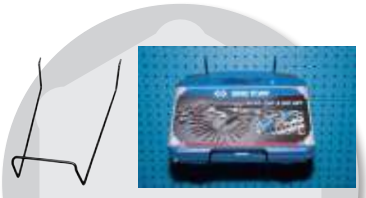
87153
Display Rack for Torque Wrench
Overall Size -
W 330 x D 255 x H 475 mm
Weight - 1.23 Kg / Cuft - 1.41



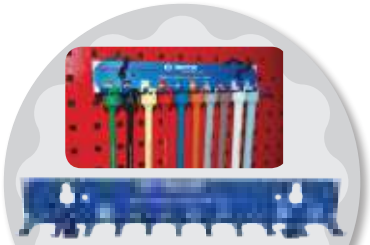
87160 P.425
Display Rack
Overall Size -
W 400 x D 600 x H 2070 mm
Weight - - 15.5Kg / Cuft - 1.6



91431 P.411
Hammer Hook
Overall Size -
W 40 x D 210 x H 240 mm
Weight - 411.6 g / Cuft - 0.072



91432
Steel Rack Hook
Idea for hanging display & presenting tool set
230mm maximum depth
5kg maximum tool weight (heavier & longer items, you can put 2 PC. to hold)



9TE41 P.212
Hook for Torque Extension Bar
Total Length - 311mm
Weight - 196.4 g
Groove capacity: 22 mm

Hangers
Individual pack
Housing material - PP
Lock pin is optional

87105 / 87107 / 87110 / 87111
Screwdriver Shelf
Overall Size -
87105-W 595 x D 240 x H 210 mm
Weight - 3.40 Kg Cuft - 1.97
87107-W 383 x D 136 x H 130 mm
Weight - 0.86 Kg
87110-W 420 x D 240 x H 210 mm
Weight - 2.50 Kg Cuft - 1.5
87111-W 655 x D 240 x H 210 mm
Weight - 3.80 Kg Cuft - 2.2

Reference:
87105 (31416MR P.350)
(31516MR P.350)
87107 (31419MR P.389)
87110 (31512MR P.350)
87111 (31519MR P.350)

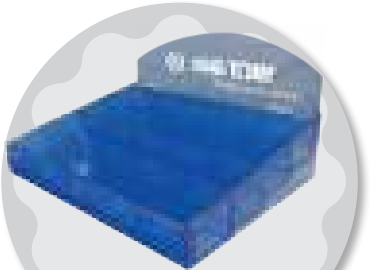
87104 P.351
Screwdriver Shelf
Overall Size -
W 325 x D 205 x H 270 mm
Weight - 1.20 Kg
Cuft - 0.3

87116 P.326
Display Stand for Grip Pliers
Capacity: 12 PC.
Size: 243 x 205 x 200 mm

87118 P.422
Display Stand for Measuring Tape
Capacity: 12 PC.
For all measuring tape (79093 / 79094 Series)
Size: 309 x 237 x 189mm

87119 P.375
Display Stand for L Type Hex Key Wrench Set
Capacity : 12 sets
For Allen, Spline, Ball, torx with hole
Size: 393 x 154 x 345 mm

87140
Paper Display Stand for Socket Set
Size: 468 x 446 x 250mm



87352 P.358
Bit Display Box
Overall Size -
W 318 x D 235 x H 183 mm
Weight - 1.30 Kg
Cuft - 0.4

8711B
Metal Holder
Overall Size -
W 600 x D 240 x H 60 mm
Weight - 6.20 Kg
Cuft - 0.9
Reference:
1090PR1 P.412

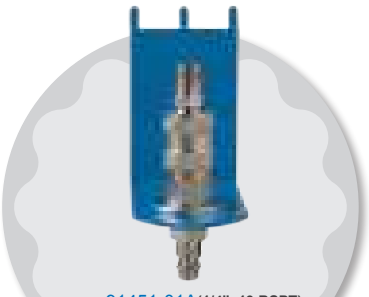
87108 P.414
Metal Holder for Flat Chisel

9TE31 P.259
Magnetic Holder for Impact Wrench
Overall Size -
W 101 x D 101.5 x H 394 mm
Weight -1.30 Kg

87102 / 87103
Socket Shelf
Width can be adjustable to display multiple socket series
Single serial socket size tab attached
Overall Size -
W 415 x D 336 x H 320 mm
Weight - 6.85 Kg(87102) /
6.37 kg(87103) Cuft - 0.67

Reference:

3568MR	P.153
4072MR / 4572MR	P.155
4072SR / 4572SR	P.155
4066MR / 4566MR	P.157
4066SR	P.157
4472MP/4472SP	P.206
4466MP/4466SP	P.208



91451-01A(1/4"x19 BSPT)
91451-01B(1/4"x18 NPT)
Impact Wrench Hook
Reference: P.259

87106 P.259
Impact Wrench Display Stand
Applied for 1/2" DR. & 3/4" DR. impact wrench Steel plate with chrome plated air hose adapter attached

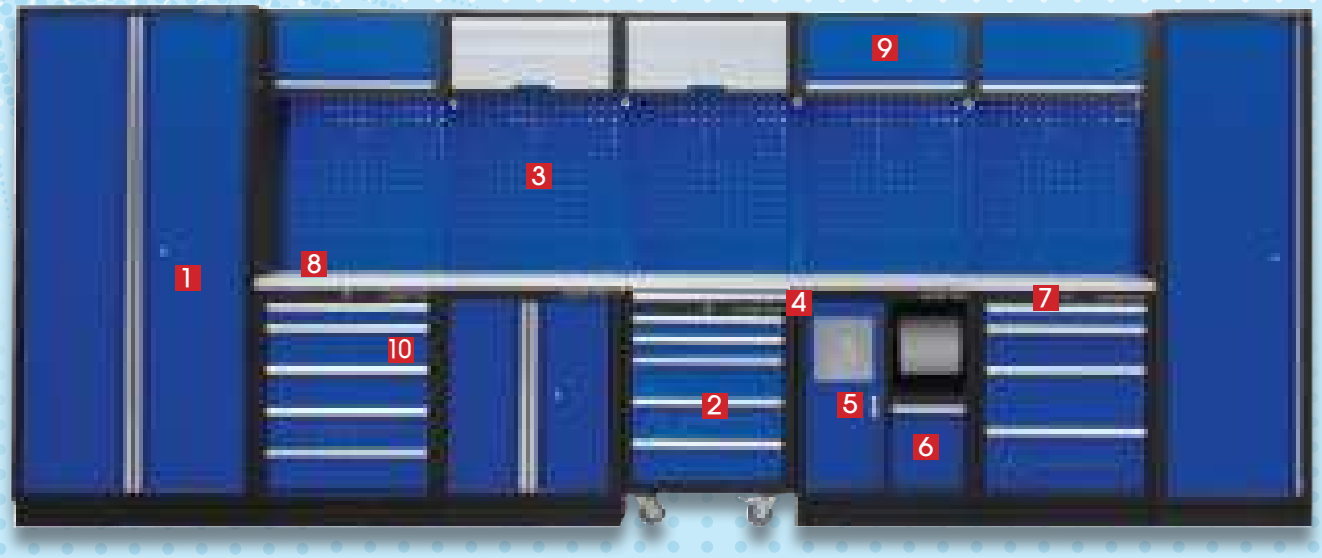
9TE21 P.317
T-type Wrench Hanger
Overall length - 120 mm
Weight - 533g

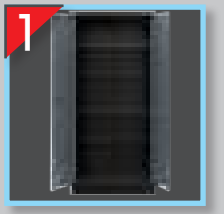
TOOLS STORAGE & TOOLS SYSTEM SETS

- Object-Oriented Organization
- Tools Trolley
- Workbench
- Tools Chest
- Tools Box
- Handy Case
- Work Chair & Storage Case
- Tools Trolley Set
- Tools Chest Set
- Tools Box Set
- Tools Set Content

KING TONY
KING TONY
KING TONY

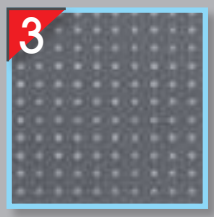
OBJECT-ORIENTED ORGANIZATION





5 Flexible / adjustable shelves

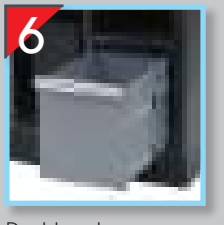
Ball bearing slides



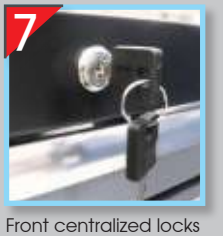
Steel panel for tool storage

Concealed handle

Hidden knob

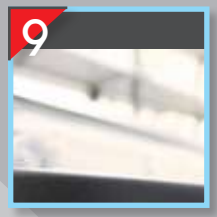


Double volume



Front centralized locks

Stainless steel work surface



Cupboard with gas spring

The drawer with capacity 30kg

OBJECT-ORIENTED ORGANIZATION

87D11X01SA-KG

Overall: 4885 x 460 x 2000 mm

445.25 CUFT 116.75

Stainless Steel

87D11X01SA-KB

Overall: 4885 x 460 x 2000 mm

445.25 CUFT 116.75

Stainless Steel

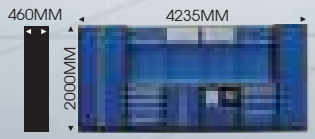
OBJECT-ORIENTED ORGANIZATION

87D11X02SA-KG
Overall: 4235 x 460 x 2000 mm
376.20 CUFT 100.30

Stainless Steel

87D11X02SA-KB
Overall: 4235 x 460 x 2000 mm
376.20 CUFT 100.30

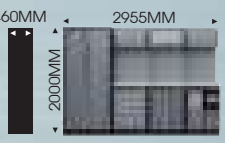
Stainless Steel



OBJECT-ORIENTED ORGANIZATION

87D11X03A-KG
Overall: 2955 x 460 x 2000 mm
257.65 CUFT 71.39

Wooden Top



87D11X03A-KB
Overall: 2955 x 460 x 2000 mm
257.65 CUFT 71.39

Wooden Top

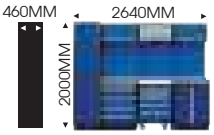
OBJECT-ORIENTED ORGANIZATION

87D11X04A-KG
Overall: 2640 x 460 x 2000 mm
244.65 CUFT 64.91

Wooden Top

87D11X04A-KB
Overall: 2640 x 460 x 2000 mm
244.65 CUFT 64.91

Wooden Top

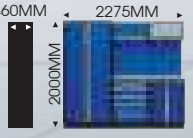


87D11X05A-KG
Overall: 2275 x 460 x 2000 mm
197.60 CUFT 51.90

Wooden Top

87D11X05A-KB
Overall: 2275 x 460 x 2000 mm
197.60 CUFT 51.90

Wooden Top



OBJECT-ORIENTED ORGANIZATION

87D11A-KG

Overall: 3920 x 460 x 2000 mm

343.2 CUFT 89.42

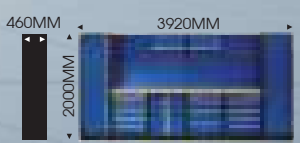
Wooden Top

87D11A-KB

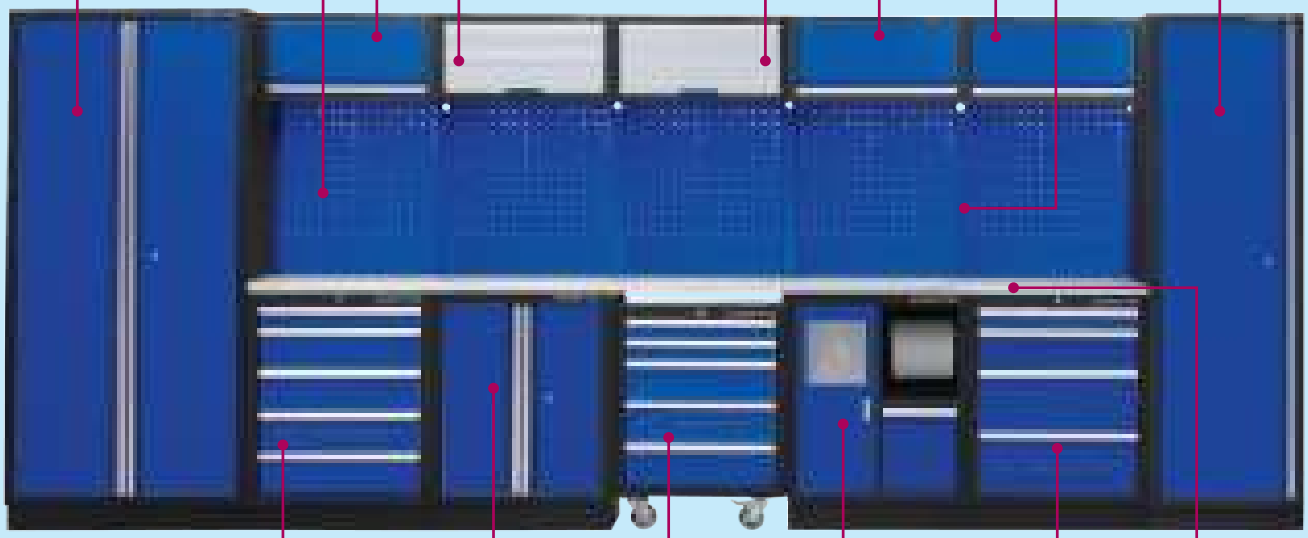
Overall: 3920 x 460 x 2000 mm

343.2 CUFT 89.42

Wooden Top



OBJECT-ORIENTED ORGANIZATION ACCESSORIES



Tall Cabinet

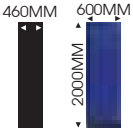
87D11-02A-KG

87D11-02A-KB

87D11-02A-KG

87D11-02A-KB

87D11-02A-KB



KT NO.	Overall (mm)	Kg	CUFT
87D11-02A-KG 87D11-02A-KB	600 x 460 x 2000	53	9.28

Tall Cabinet

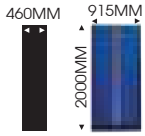
87D11-18A-KG

87D11-18A-KB

87D11-18A-KG

87D11-18A-KB

KT NO.	Overall (mm)	Kg	CUFT
87D11-18A-KG	915 x 460 x 2000	75	12.72
87D11-18A-KB			



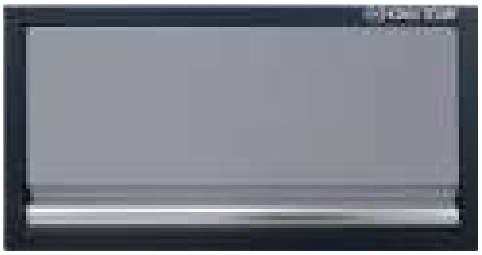
Wall Cabinet

87D11-01A-KG

87D11-17A-KG

87D11-01A-KB

87D11-17A-KB



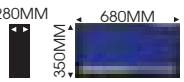
87D11-01A-KG

87D11-01A-KB

87D11-17A-KG

87D11-17A-KB

KT NO.	Overall (mm)	Kg	CUFT
87D11-01A-KG	680 x 280 x 350	9.5	3.72
87D11-01A-KB			
87D11-17A-KG		9.5	
87D11-17A-KB			

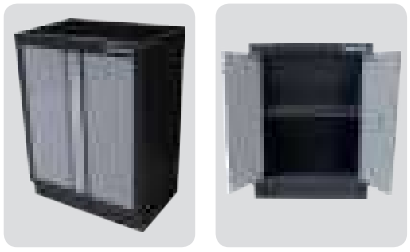


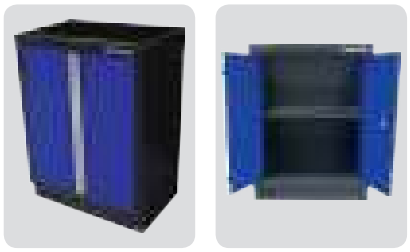
Opened Door Cabinet

87D11-03A-KG

87D11-03A-KG

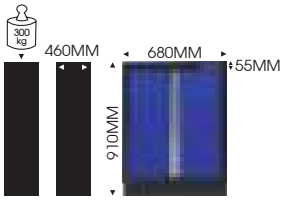
87D11-03A-KB





87D11-03A-KB

KT NO.	Overall (mm)	KG	CUFT
87D11-03A-KG 87D11-03A-KB	680 x 460 x 910	30	13.67



Drawer Cabinet

87D11-04A-KG

87D11-04A-KB

87D11-04A-KG

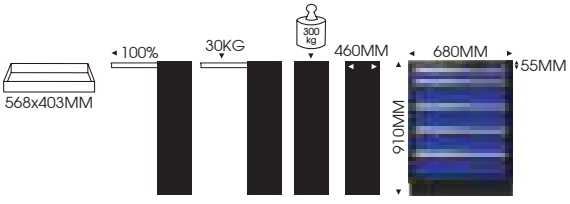
87D11-04A-KB

87D11-05A-KG

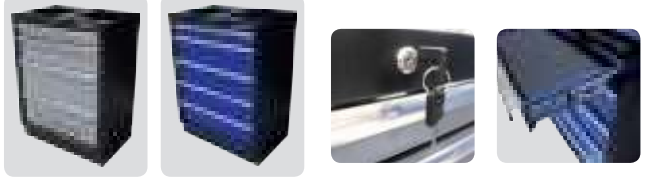
87D11-05A-KB

87D11-05A-KG

87D11-05A-KB



KT NO.	Spec.	Overall (mm)	KG	CUFT
87D11-04A-KG	4 Drawer	680 x 460 x 910	42	13.67
87D11-04A-KB				
87D11-05A-KG	5 Drawer		45	
87D11-05A-KB				

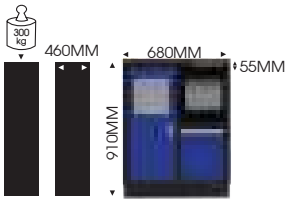


Trash Bin With Paper Holder

87D11-11A-KG
87D11-11A-KB

87D11-11A-KG | 87D11-11A-KB

KT NO.	Overall (mm)	Kg	CUFT
87D11-11A-KG 87D11-11A-KB	680 x 460 x 910	37	13.67

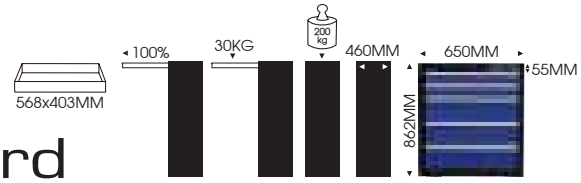


5 Drawers Cabinet

87D11-12A-KG
87D11-12A-KB

87D11-12A-KG | 87D11-12A-KB

KT NO.	Spec.	Overall (mm)	Kg	CUFT
87D11-12A-KG 87D11-12A-KB	5 Drawer	650 x 460 x 862	46	10.63



Pressed Wooden Board

87D11-08A

87D11-09A

KT NO.	Overall (mm)	Kg	CUFT
87D11-08A	1360 x 465 x 38	12.5	1.61
87D11-09A	2042 x 465 x 38	18.75	2.39

Stainless Board

87D11-08SA

87D11-09SA

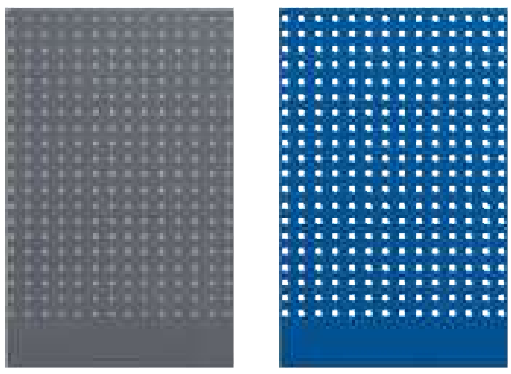
KT NO.	Overall (mm)	Kg	CUFT
87D11-08SA	1360 x 465 x 38	12.5	1.61
87D11-09SA	2042 x 465x 38	18.75	2.39

Back Panel

87D11-06A-G

87D11-06A-B

KT NO.	Overall (mm)	Kg	CUFT
87D11-06A-G 87D11-06A-B	615 x 25 x 1052	5.3	1.08



87D11-06A-G | 87D11-06A-B

Pillar

87D11-07A-G
87D11-071A-G

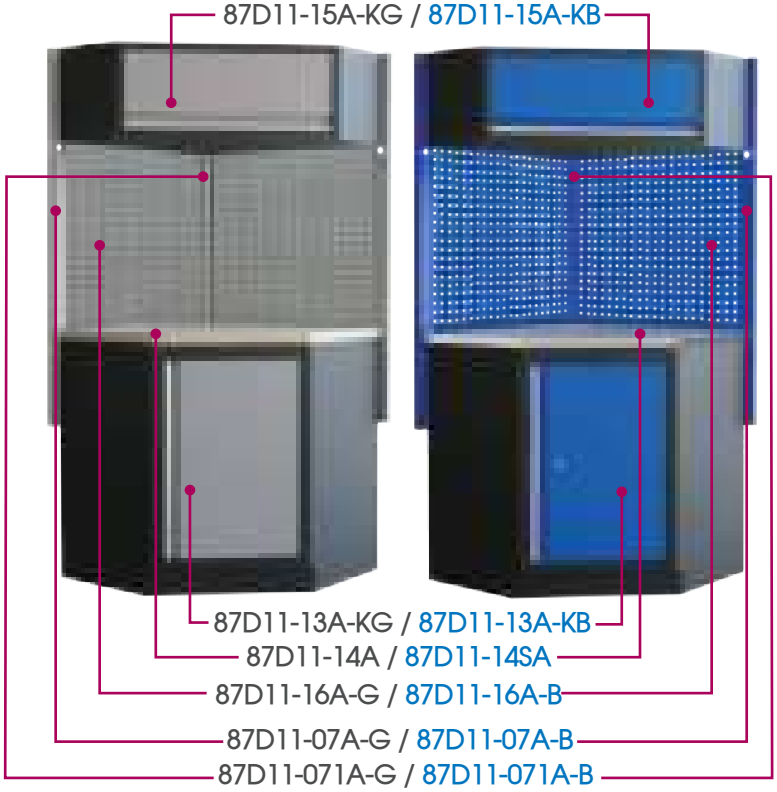
87D11-07A-B
87D11-071A-B

KT NO.	Overall (mm)	kg	CUFT
87D11-07A-G	66 x 30 x 1420	2	0.24
87D11-07A-B			
87D11-071A-G	33 x 30 x 1420	1.5	0.15
87D11-071A-B			

87D11-07A-G 87D11-07A-B 87D11-071A-G 87D11-071A-B

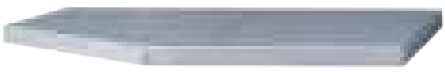
OPTIONAL ACCESSORIES

- 87D11X06SA-KG
- 87D11X06A-KG
- 87D11X06SA-KB
- 87D11X06A-KB



Stainless Steel Board

- 87D11-14SA



KT NO.	Overall (mm)	Kg	CUFT
87D11-14SA	680 x 465 x 38	12.5	1.61

Pressed Wooden Board

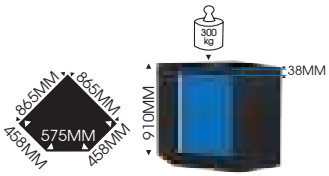
- 87D11-14A

KT NO.	Overall (mm)	Kg	CUFT
87D11-14A	680 x 465 x 38	12.5	1.61

Corner Bottom Cabinet

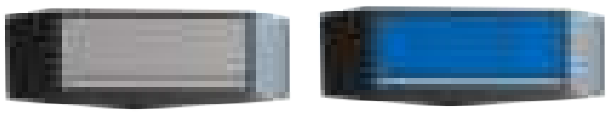
- 87D11-13A-KG
- 87D11-13A-KB

KT NO.	Overall (mm)	Kg	CUFT
87D11-13A-KG 87D11-13A-KB	865 x 865 x 910	42	7.02



Corner Wall Cabinet

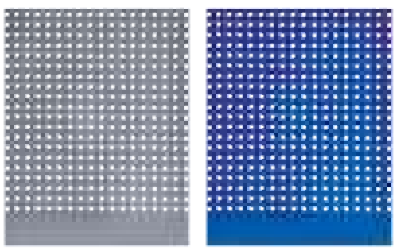
- 87D11-15A-KG
- 87D11-15A-KB



KT NO.	Overall (mm)	Kg	CUFT
87D11-15A-KG 87D11-15A-KB	865 x 865 x 350	21	12.66

Corner Back Panel

- 87D11-16A-G
- 87D11-16A-B



KT NO.	Overall (mm)	Kg	CUFT
87D11-16A-G 87D11-16A-B	800 x 25 x 1052	5.3	1.08

Customized Color Choice Chart

Color	Item Number
Red	8743X-XB
Red+Black	8743X-XB-RK
Blue	8743X-XB-B
Blue+Black	8743X-XB-BK
Black	8743X-XB-K
Gray	8743X-XB-G
Orange+Black	8743X-XB-OK

Red

Red+Black

Blue

Blue+Black

Orange+Black

Black

Gray

(Other colors are optional, produce with minimum quantity)

Tool Trolley

• 100% open ball bearing slide for drawer

• Add strength and safety

• Central locking system + 10mm top mat

• One piece steel body

• Embossed & hammed edge drawer increase strength

• Industrial TPR floor brake carters

Accessory

87432-15

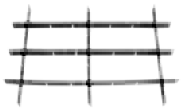
- Plastic top blade
- Size : 920(W) x 490(D) x 50(H)mm

84087637BKT new

- Plastic mat
- Size : 665(W) x 455(H) x 19(D) mm

87432-23

87432-24



KT NO.	Frame(mm) Width x Depth x Height	Material	Divider Size mm
87432-23	574 x 358 x 40	Steel	Long: 560x40(2PC.) Short: 368x40(2PC.)
87432-24	-	Plastic	Long: 570x40(3PC.) Short: 375x40(3PC.)

87432-31

- Side handle bar
- Size : (Ø)38.5 x 457(L) mm

87432-32

- Can holder

87432-33

- Magnetic tool holder
- Size: 458 x 52 x 17mm

87432-34

- Bottle side holder

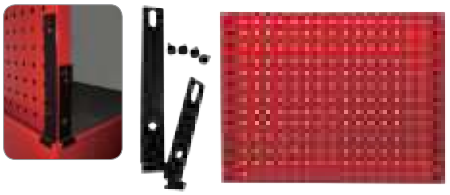
87432-52

- Size : 45(H) x 290(L) x 65(D)mm
- Paper holder

87432-41

- Work panel
- Size : 656(W) x 500(H) x 30(D) mm

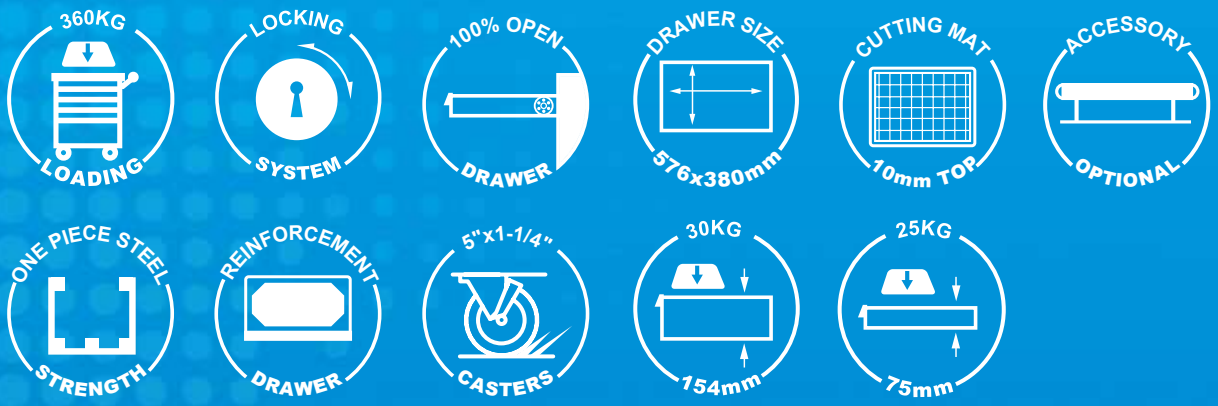
CAUTION Can't install side tray(87432-32) at the same time



87432-17

- Flat side panel
- Size : 456 x 370mm

Tool Trolley



Tool Trolley Set

P.58-62
P.81-86

EVA Foam

P.65-79

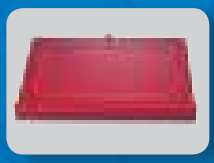
Plastic Tray

P.96-119

Selective colors:

(Other colors are optional, produce with minimum quantity)

- One piece steel body



- Embossed & hammed edge drawer increase strength

- Central locking system + 10mm top mat

- Add strength and safety

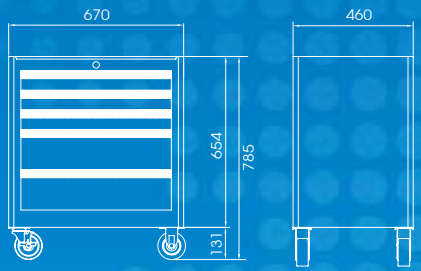
- Industrial TPR floor brake carters

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87432-5B	4 Drawer	576 x 380 x 75	5"x1-1/4"	360 Kg	56	12.24
	1 Drawer	576 x 380 x 154				
	Bulk Drawer	603 x 404 x 234				
87434-7B	5 Drawer	576 x 380 x 75			64	
	2 Drawer	576 x 380 x 154				
87437-8B	7 Drawer	576 x 380 x 75			66	
	1 Drawer	576 x 380 x 154				
87437-10B	6 Drawer	576 x 380 x 48.5			69	
	3 Drawer	576 x 380 x 75				
	1 Drawer	576 x 380 x 154				
87438-3B	3 Drawer	576 x 380 x 75			47.2	
	2 Door	603 x 404 x 478				

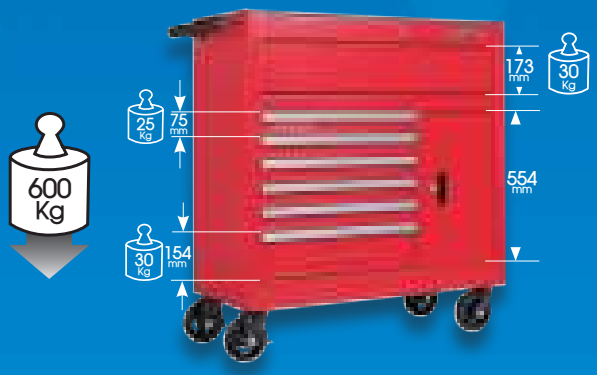
Tool Trolley

- Specifically collocate with workbench

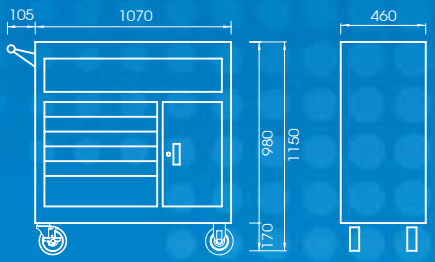
87431-5BE



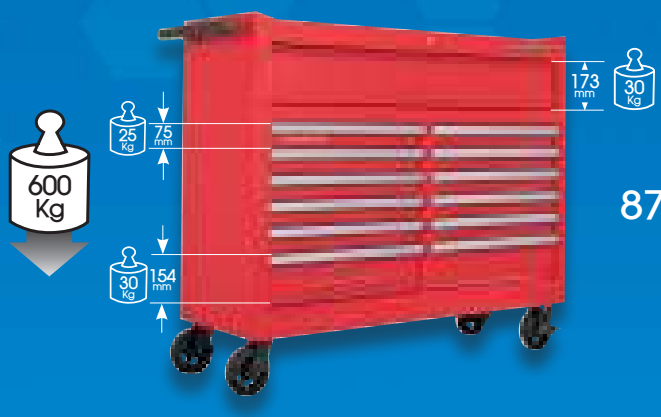
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87431-5BE	3 Drawer	576 x 380 x 75	4" x 1-1/4"	250 Kg	50	10.03
	2 Drawer	576 x 380 x 154				



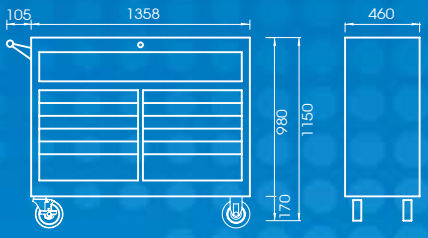
87439-7B



KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87439-7B	5 Drawer	576 x 380 x 75	6" x 2"	600 Kg	129	25
	1 Drawer	576 x 380 x 154				
	1 Drawer	927 x 380 x 173				
	1 Door	317.5 x 404 x 554				

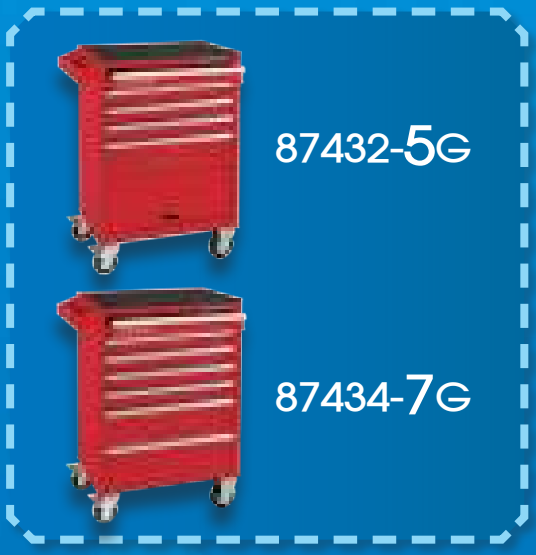


87435-13B



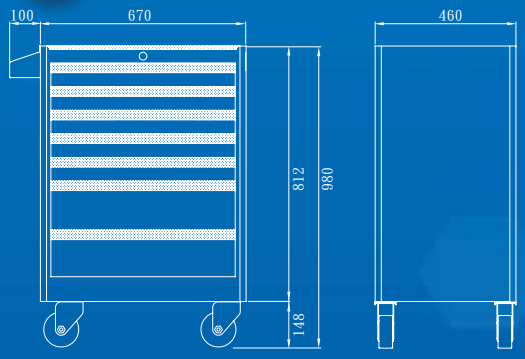
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87435-13B	10 Drawer	576 x 380 x 75	6" x 2"	600 Kg	166	31.54
	2 Drawer	576 x 380 x 154				
	1 Drawer	1215 x 390 x 173				

Risk-Free Tool Trolley



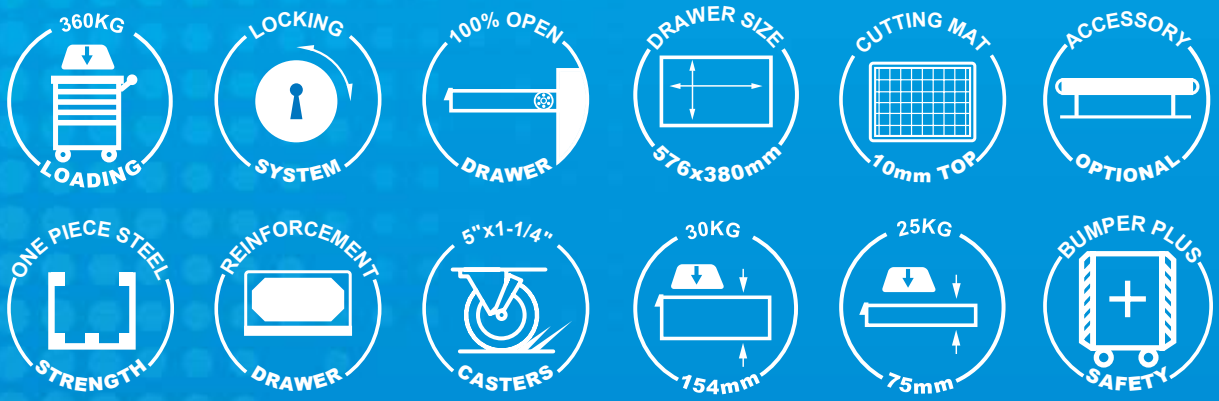
Selective colors:

(Other colors are optional, produce with minimum quantity)



KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87432-5G	4 Drawer	576 x 380 x 75	5" x 2"	680 Kg	56	12.24
	1 Drawer	576 x 380 x 154				
	Bulk Drawer	603 x 404 x 234				
87434-7G	5 Drawer	576 x 380 x 75			64	
	2 Drawer	576 x 380 x 154				

Classic Bumper Type Tool Trolley



Tool Trolley Set

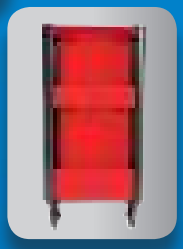
P.58-62
P.81-86

EVA Foam

P.65-79

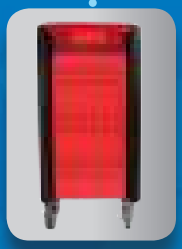
Plastic Tray

P.96-119



• Multipole space bar to hold other tools

• Embossed & hammed edge drawer increase strength



• With bottle tray and side tray

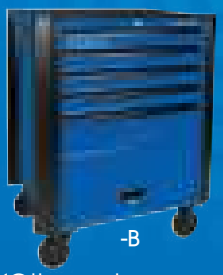
• Industrial TPR floor brake casters

87632-5B

87634-7B

- Soft bumpers each side avoids scratch or damage vehicle
- More space for bottles & hanging
- Easily move two side handle bar & industrial TPR casters
- 100% pull out ball bearing drawer
- One piece steel for heavy load structure
- Central locking system + 10mm top mat

Selective colors:

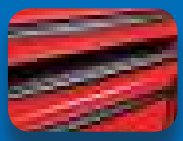


-B

-G

(Other colors are optional, produce with minimum quantity)

• Ball bearing drawer

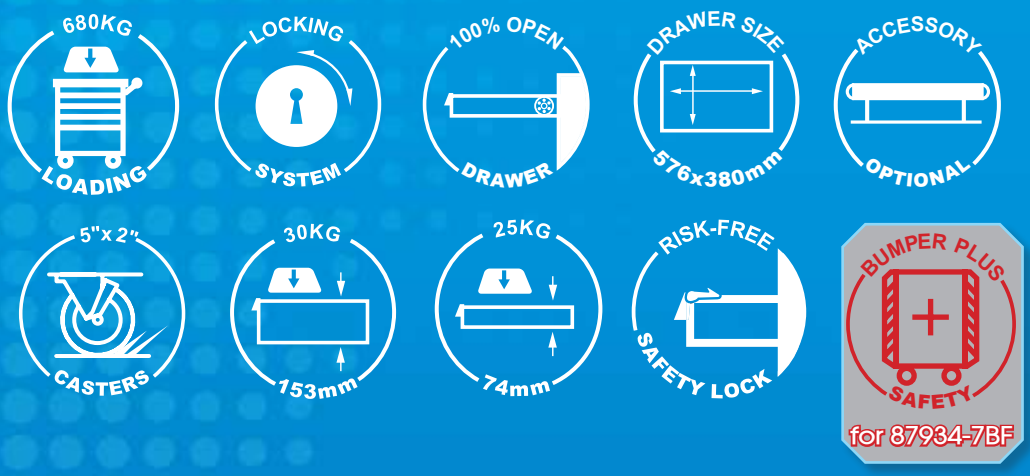


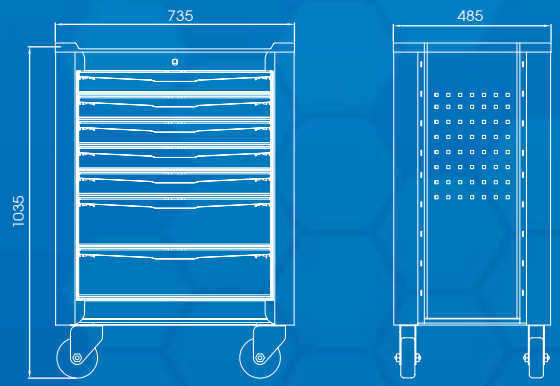
• Black anodized aluminum strip

• Soft bumpers side advioding damage vehicle

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87632-5B	4 Drawer	576 x 380 x 75	5"x1-1/4"	360 Kg	59	15.64
	1 Drawer	576 x 380 x 154				
	Bulk Drawer	603 x 404 x 234				
87634-7B	5 Drawer	576 x 380 x 75			66.14	
	2 Drawer	576 x 380 x 154				

Risk-Free Bumper Type Tool Trolley

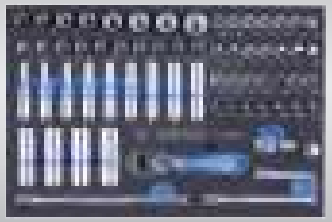




Tool Trolley Set

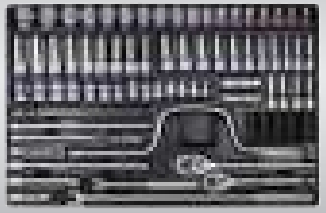
P.58-62
P.81-86

EVA Foam



P.65-79

Plastic Tray



P.96-119

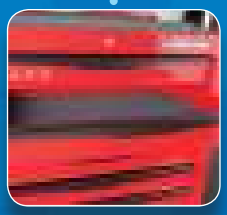
- Smooth to slip with 2 steps safety lock casters
- 5*2"TPR high-perfomance wheels on roller bearings ,w/brake
- Patent crane hook lock drawer prevent tilting risk
- More space for bottles & hanging
- 100% pull out ball bearing drawer
- Double-wall construction for dust free storage
- Central locking system + 10mm top mat

Selective colors:

-B -G

(Other colors are optional, produce with minimum quantity)

• Soft bumpers side avoids damage vehicle

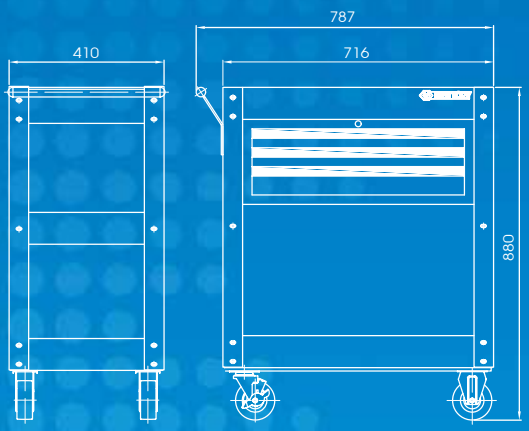


• Black anodized aluminum strip

• Industrial TPR floor brake casters

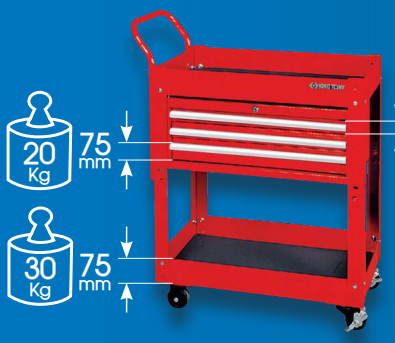
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Contents		Casters	Static load	Kg	CUFT
87934-7BF	7 Drawer	5-576 x 380 x 74 2-576 x 380 x 153	87934-31	Pull handle bar x 1	5" x 2"	680 kg	75.00	12.70
			87934-32	Tool bin & oil can holder x 1				
			87502-051	Single hook x 4				

Tool Trolley



87441-1B

- 1 drawer trolley
- Two 3.5" deep trays are positioned for convenience

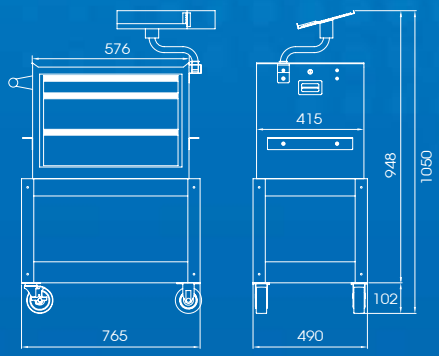


87441-3B

- 3 drawer trolley
- 2 PC. protective mat for top and bottom shelves
- 3 PC. protective drawer liners

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87441-1B	overall	716 x 410 x 750	23.2	2.7
	overall + 4" x 1-1/4" Casters	716 x 410 x 880		
	1 Drawer	569 x 275 x 75		
87441-3B	overall	716 x 410 x 750	33.0	4.95
	overall + 4" x 1-1/4" Casters	716 x 410 x 880		
	1 Drawer	569 x 275 x 75		
	2 Drawer	569 x 275 x 50		

3 Reversible Drawers Ball Bearing Type Shelf Trolley

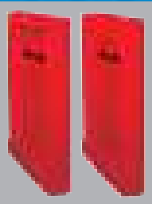
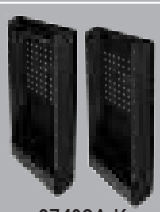


KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87442-3B	Overall	765 x 490 x 948	4" x 1-1/4"	250 Kg	50	9.9
	Overall + 4" Casters	765 x 490 x 1050				
	1 Drawer	576 x 415 x 75				
	2 Drawer	576 x 415 x 154				

Evolution Roller

Evolution Roller
E.V.O.R

- Enlarge storage for long straight object or tools
- All corners placement for large object or tools, increase storage arrangement to 850mm length tools
- Folded edges for magnetic holder or tools, 80mm width
- Multi-function concave shape for safety placement of tools
- Hanging solutions with various additional accessories

KT NO.	Contents	15.0	1 / 1
 87430A	87430A1	Multipole space bar x 2	
	87430A2	Pull handle bar x1	
	87430A4	Tool bin & oil can holder x 2	
	87502-051	Single hook x4	
 87430A-K	87430A1-K	Multipole space bar x 2	
	87430A2-K	Pull handle bar x1	
	87430A4-K	Tool bin & oil can holder x 2	
	87502-051	Single hook x4	

Optional accessory for evolution roller

87430A1(red)
87430A1-K(black)
Multipole space bar

87430A2(red)
87430A2-K(black)
Pull handle bar
Size: ø26 x 320mm

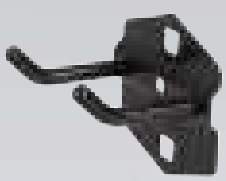
87430A3(red)
87430A3-K(black)
Large tool holder
Size: 375 x 125 x 240mm

87430A4(red)
87430A4-K(black)
Tool bin & oil can holder
Size: 365 x 80 x 90mm

87502-050
U Shape hook

87502-051
1" Shape hook

87502-061
1" Double hook

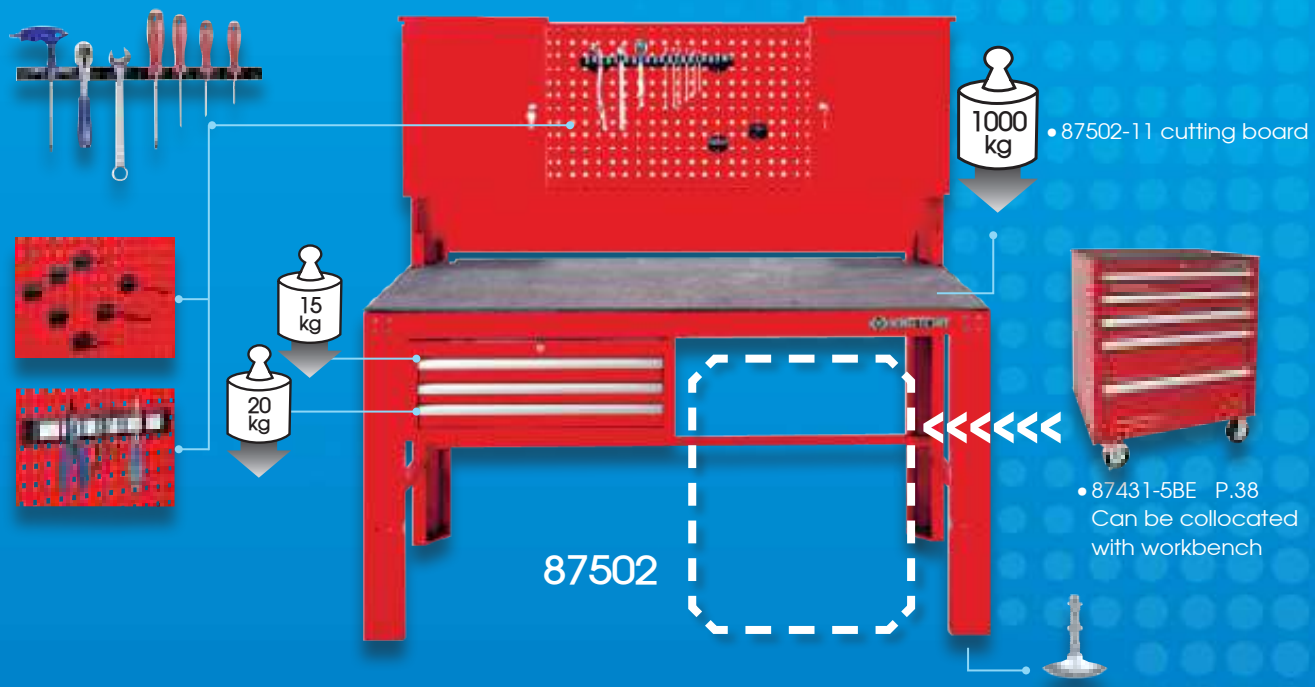


9TE11
Magnetic round holder for parts

9TE21
Magnetic foldable holder for T handle

9TE31
Magnetic holder for impact wrench

Workbench



87502-01

- Tool holder 500mmL

87502-02

- Magnetic tool holder for workbench backpanel
  Size: 458 x 52 x 17mm

87502-05

- 87502-050 U Shape hook
  87502-051 1" Shape hook
  87502-054 4" Shape hook
  87502-058 8" Shape hook

87502-06

- 87502-061 1" Double hook
  87502-064 4" Double hook
  87502-068 8" Double hook

87502-11

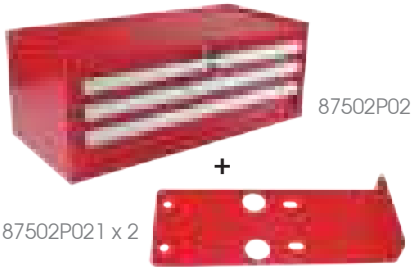
- Cutting board
- Oil-resistant, acid-resistant, moisture-resistant and anti-static
- 10mm PP foaming board

87502-12

- 4 PC. Adjusting device
- Includes adjustable bolt & adjustable pad

87502P02

- Drawer chest for workbench



KT NO.	Spec.	Dimension(mm) Width x Depth x Height	kg	CUFT
87502P02	Overall	660 x 307 x 251	13.00	2.7
	2 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		

87502P03

- 2 PC. wall cabinets

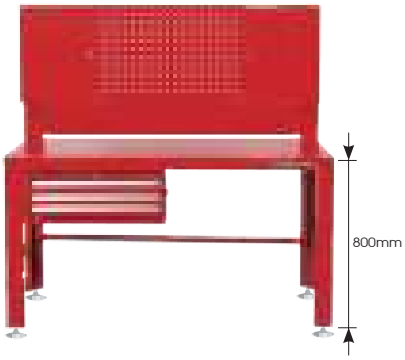
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	kg	CUFT
87502P03	Overall	400 x 200 x 500	14.00	4.5

Workbench

- Workbench excludes cutting board & tool holder

87502

- 3 drawer chest-ball bearing slide
- 2 wall cabinets



KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87502	Overall	1525 x 700 x 1520	86.00	13.4
	3 Drawer chest	660 x 307 x 251		
	2 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		
	Wall cabinet	400 x 200 x 500		

87502P01

- Workbench with back panel

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87502P01	Overall	1525 x 700 x 1520	59.00	6.5

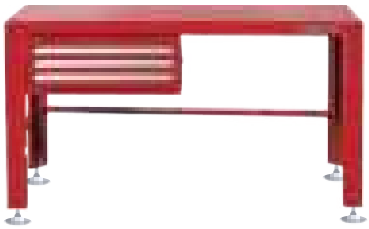
87502P90

- 2 wall cabinets

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87502P90	Overall	A-1525 x 700 x 1520	59.00	6.5
		B-400 x200 x 500	14.00	4.5

87502P91

- 3 drawer chest-ball bearing slide



KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87502P91	Overall	1525 x 700 x 800	61.00	9.2
	3 Drawer chest	660 x 307 x 251		
	2 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		

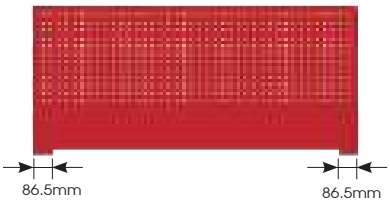
87502P011

- Workbench

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87502P011	Overall	1525 x 700 x 800	48.00	6.5

87502P012

- Back panel

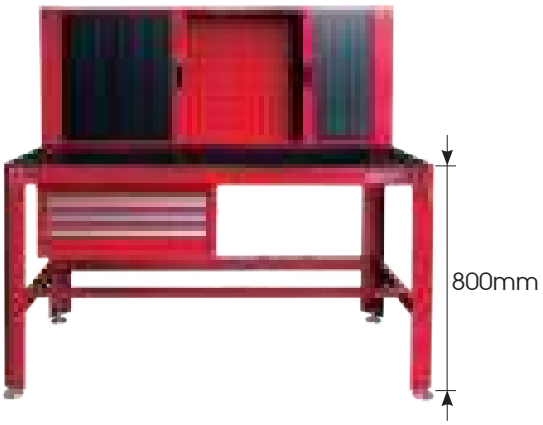


KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87502P012	Overall	1525 x 20 x 700	13.50	2.7

Workbench

87512

- 3 drawer chest ball bearing slide
- 1 wall cabinet



KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87512	Overall	1565 x 766 x 1403	130.10	21.19
	3 Drawer chest	668 x 313 x 270		
	2 Drawer	568 x 262 x 50		
	1 Drawer	568 x 262 x 75		
	Wall cabinet	1565 x 203 x 603		

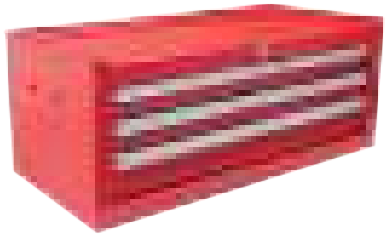
87512P01

- Workbench

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87512P01	Overall	1565 x 766 x 800	71.50	7.22

87512P02

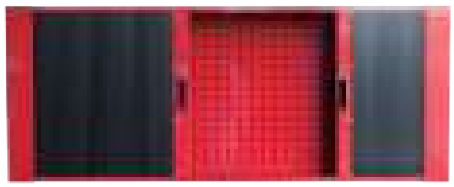
- Drawer chest for workbench



KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87512P02	Overall	668 x 313 x 270	15.30	3.87
	2 Drawer	568 x 262 x 50		
	1 Drawer	568 x 262 x 75		

87512P03

- Back panel

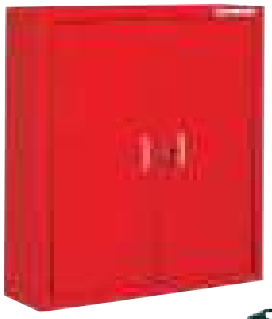


KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87512P03	Overall	1559 x 203 x 603	43.30	10.10

Workbench Cabinet with Hooks

87201

- With 20 PC. hooks
  - 5 PC. U shape hook (87502-050)
  - 10 PC. 1" single hook (87502-051)
  - 5 PC. 1" double hook (87502-061)
- Heavy duty design for storage heavy duty tool
- Powder coating finishing
- Full opened door with 2 aluminum alloy handles
- 4 holes on the back of cabinet to be fixed on the wall
- Double wall door panel design, peg hole at inside wall of door



Steel thickness: (body)1.0 mm

87502-050

87502-051

87502-061

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87201	Overall	820 x 250 x 900	24.00	8

Tool Chest

87411-6B

87411-9B

87419-5B
(Extra deep)

87412-4B

87412-6B

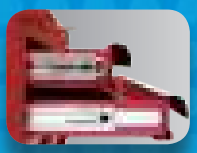
87417-10B
(Extra deep)

- Powder coating
- Ball bearing slide
- Central locking system
- Hemed edge design to improve strength and safety
- Drawer quick release and detent design

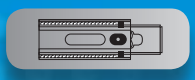
Selective colors:

-RK -B -BK -K -G -OK

(Produce with minimum quantity)



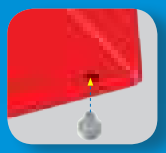
• Ball bearing slides



• Steel ball

• Lockable

• Plastic drawer divider for cabinet



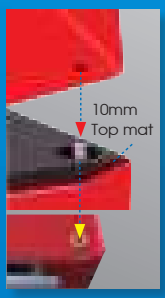
• Bottom rubber mats to avoid slipping

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87411-6B	Overall	660 x 307 x 374	25.40	3.97
	Top	646 x 290 x 60		
	3 Drawer	170 x 275 x 50		
	2 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		
87411-9B	Overall	660 x 307 x 427	30.20	4.3
	Top	646 x 290 x 60		
	6 Drawer	170 x 275 x 50		
	2 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		
87419-5B	Overall	660 x 455 x 483	40.00	8.58
	Top	646 x 420 x 70		
	2 Drawer	576 x 410 x 48.5		
	3 Drawer	576 x 410 x 75		

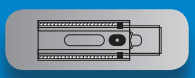
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87412-4B	Overall	660 x 307 x 374	21.00	3.97
	Top	646 x 290 x 60		
	3 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		
87412-6B	Overall	660 x 307 x 374	23.30	3.97
	Top	646 x 290 x 60		
	3 Drawer	170 x 275 x 50		
	2 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		
87417-10B	Overall	660 x 455 x 483	51.20	8.58
	Top	646 x 420 x 70		
	6 Drawer	169 x 410 x 48.5		
	1 Drawer	169 x 410 x 154		
	2 Drawer	576 x 410 x 48.5		
	1 Drawer	576 x 410 x 75		

Tool Chest

87421-3B



• Ball bearing slides



• Steel ball

- 3 drawer chest
- Intermediate type
- Heavy gauge steel
- Drawer slides type-ball bearing
- Grooved full width drawer pulls add strength and offer to list contents of drawer
- Central locking system
- 10mm Top mat
- Powder coating finish
- 4 pins on the middle chest corners to tie in with top chest for extra security
- Overall size (mm) - 660(W) x 307(D) x 251(H)

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87421-3B	Overall	660 x 307 x 251	13.00	2.7
	2 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		

Selective colors:

(Produce with minimum quantity)

Portable Tool Chest

- Heavy gauge steel plus flange reinforced design
- Close cover synchronously lock all of the drawers
- Powder coating
- Overall size (mm) - 535(W) x 220(D) x 287(H)

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87401-2	2 Drawer	504 x 195 x 79	8.80	2.05
87401-3	3 Drawer	504 x 195 x 52	10.20	
87401-3H	3 Drawer	504 x 195 x 52	11.20	

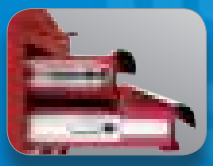
87401-2

87401-3

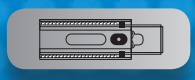
87401-3H

Only 87401-3H:

• Internal lock system



• Ball bearing slides



• Steel ball

Tool Box

87402 87408

- 3 section fold up type and adjustable
- Tubular handle, curved hinge
- Shaped pressing on flat surface to reinforced steel strength

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	kg	CUFT
87402	5 compartments	470 x 220 x 260	5.60	1.22
87408		530 x 220 x 260	6.70	1.3

87A05 new 87A05-KB new

- 3 section fold up type and adjustable
- Tubular handle, curved hinge
- Shaped pressing on flat surface to reinforced steel strength

87A05

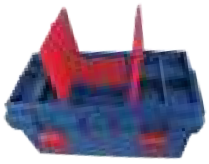
87A05-KB

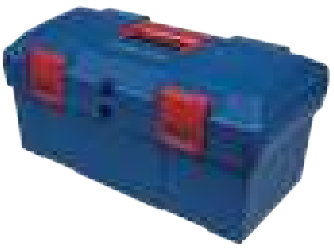
KT NO.	Spec.	Dimension(mm) W x D x H	kg	CUFT
87A05 87A05-KB	5 compartments	470 x 220 x 260	5.10	1.41

87404 87407

- Meterial : PP
- Multi-function box, extra space for tools and parts
- Light weight
- Durable design for tool storage

87404





87407

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	kg	CUFT
87404	2 compartments	560 x 278 x 270	2.40	1.75
87407		445 x 240 x 206	1.74	0.79

Fabric Tool Box

87137

- Material : PP
- Parts box

KT NO.	Dimension(mm) Width x Depth x Height	g
87137	180 x 39 x 96	109

Fabric Tool Bag

87711C

- Waterproof 1200 D Nylon Oxford
- Light weight stainless bar & comfortable EVA handle
- Velcro cover for easy access & quickly take out tools
- Adjustable ambi-bag with soft padded shoulder strap
- 39 inner pockets for multiple-tools storage
- 50% less weight than metal box

KT NO.	Dimension(mm) Width x Depth x Height	Kg	
87711C	550 x 285 x 370	3.00	1 / 1

87721B

- Heavy duty 600 D polyester
- Wide opening at top with zipper for easy access and security
- Removable shoulder strap
- Removable compartment for greater organization
- External and internal side pockets

KT NO.	Dimension(mm) Width x Depth x Height	Kg	
87721B	360 x 200 x 250	0.95	1 / 1

87722B

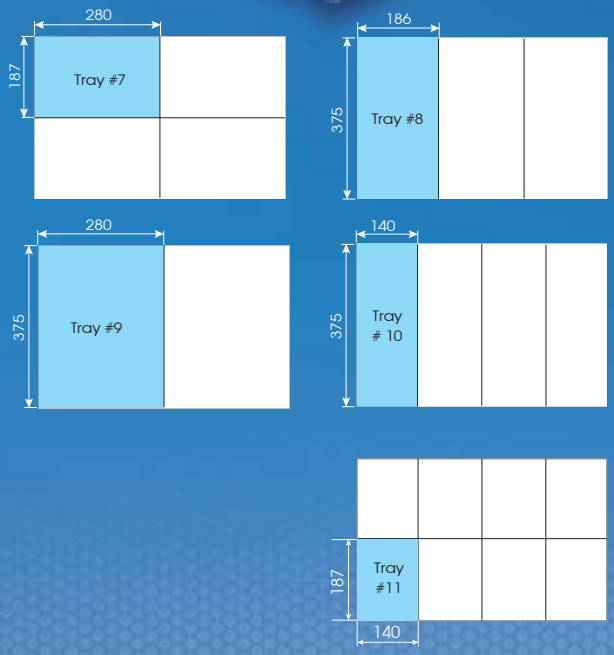
- Waterproof, reinforced rubber base protects tools
- 600D Nylon Oxford
- Internal and external storage pockets
- Zip fastening and rubber comfort grip handles
- Removable padded shoulder strap for comfortable carry

KT NO.	Dimension(mm) Width x Depth x Height	Kg	
87722B	390 x 210 x 320	1.8	1 / 5

Handy Case

Handy Case Series

The outside of handy case can afford high load capacity, and great crash-resistance. There are four different sizes with the conception of T.C.S mod. Therefore, its design is based on the user perspective , easy to carry and store, make every user enjoying their work.



#11	#7	#10	#8	#9
820005 new 199 x 161 x 50mm	820001 294 x 221 x 66mm	820002 389 x 185 x 66mm	820003 389 x 230 x 66mm	820011 422 x 372 x 92mm

Handy Case

820011

- Made of shockproof PE-HD for heavy duty contents
- Ideal for tool storage & tool box system
- Easy to pile and store
- Anti-collision
- Case for Eva foam / tray

- Steel buckle provides security & strength

- Foam protection against collisions

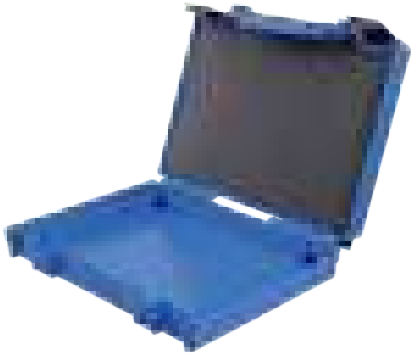
- Hexagon overlap in 4 corners, easy to file up

- Extra space for thumb taking out

KT NO.	Size mm	EVA / Tray	g	
820011	422 x 372 x 92	#9	1416.5	1 / 4

82000

- Tool case made of sturdy ABS material
- Ideal for tool storage & tool box system
- Easy to pile and store
- Case for Eva foam / tray



- Plastic padding for better stable storage
- The hinge construction makes box more durable

- 180˚ swivel handle easy to carry

- Easy and quick to lock

- Foam protection against collisions

- Hexagon overlap in 4 corners, easy to file up

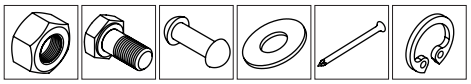
- Extra space for thumb taking out

KT NO.	Size mm	EVA / Tray	g		
820001	294 x 221 x 66	# 7	641.0	1 /6	
820002	389 x 185 x 66	#10	651.2	1 / 5	
820003	389 x 230 x 66	# 8	793.0	1 / 4	
new 820005	199 x 161 x 50	#11	293.2	1 / 8	

Multi-Storage Case

827011

- Heavy duty plastic blow case with foam padded internal
- High impact polystyrene with dividers make 12 spaces
- Easy to carry tools from trolley & store bolts, nuts
- Mini case (278 x 87 x 42 mm)



Blow case size (mm) :
422 x 372 x 92 (0.51 Cuft)

KT NO.	Contents	kg	
827011	84700011B	2.19	1 / 4

Plastic Tray

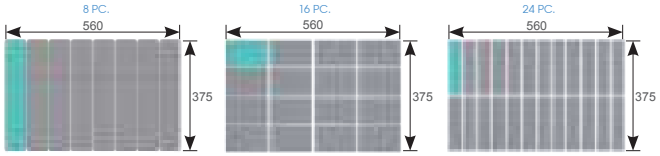
847000

- For accessories, parts and consumables
- Easily combine the parts box sizes depending on the handy case
- Easy to carry and segment

84700011B

84700002B

84700003B



KT NO.	Size	g	
84700011B	283 x 93 x 43	150	8 / 72
84700002B	140 x 93 x 43	75	16 / 144
84700003B	187 x 47 x 43	50	24 / 216

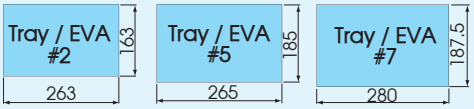
Mobile Work Chair

Material: PVC leather + foam cushion + finishing powder coating steel
Two Open Storage Areas

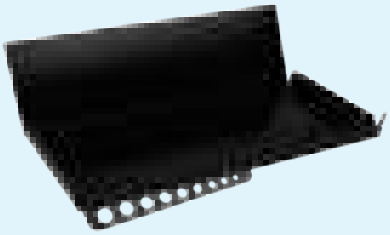
- Four 360° Rotation Spherical Casters

Drawer

Size : 345 x 195 x 65mm

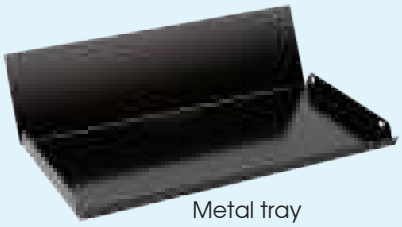


87452A-B



Metal tray with rack funciton

87452B-B



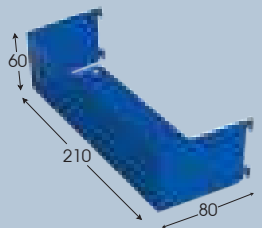
Metal tray

87452C-B

KT NO.	Dimension(mm) Width x Depth x Height	Kg	/	CUFT
87452A-B	350 x 260 x 240	7.4	1 / 1	0.49
87452B-B		6.4	1 / 1	
87452C-B		6.3	1 / 1	

- Optional Accessory

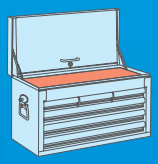
87452A1-B

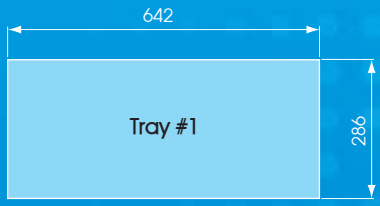


Tools Control & Security Storage System

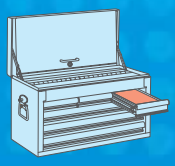
How to complete your tool trolley set and tool chest set

Drawer (646x290 mm)

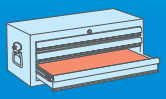


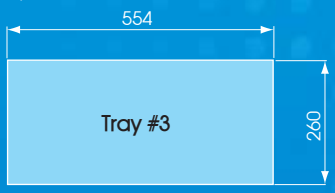


Drawer (172x275 mm)

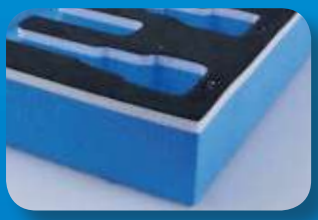


Drawer (572x275 mm)

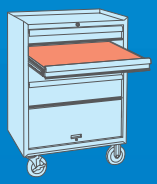


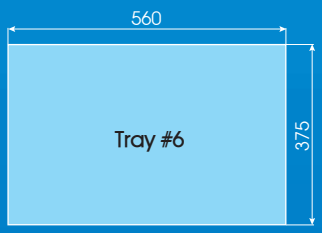


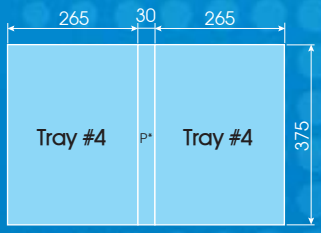
Drawer (579x380 mm)



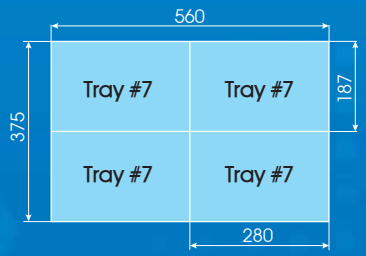
Three-colors fabrication

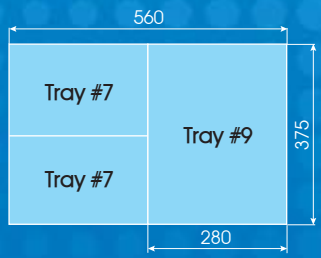




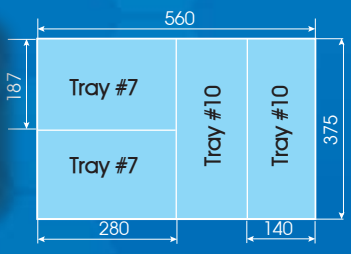


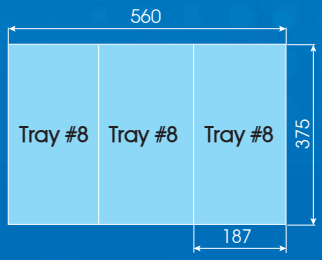
waterproof

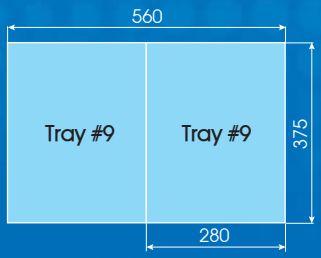




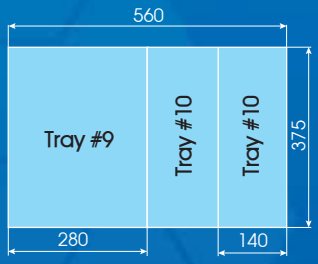
Laser marking

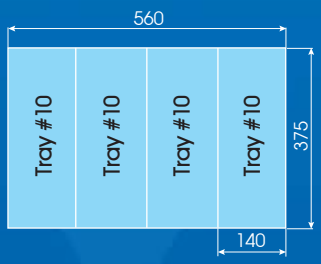


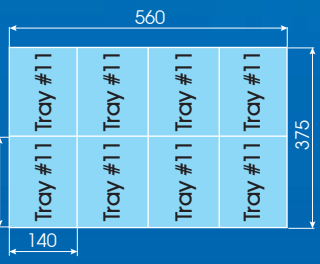




Missing tools detected







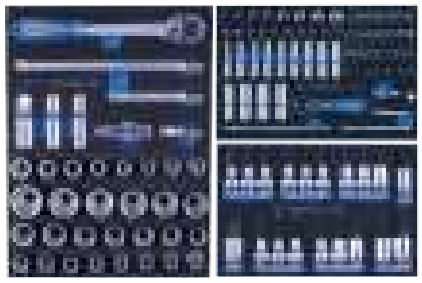
- **Security:**
  Separate spaces for each tools to prevent them being left in dangerous areas
- **Benefit:**
  Tools are quickly located and immediately returned after use to avoid loss
  3 colors EVA foam offers convenient identification of use with sustained sizes and mark
- **Efficiency:**
  A quick glance helps for missing tools
  Durable material prevents being dirty for easy maintenance

235 PC. Tool Trolley Contents

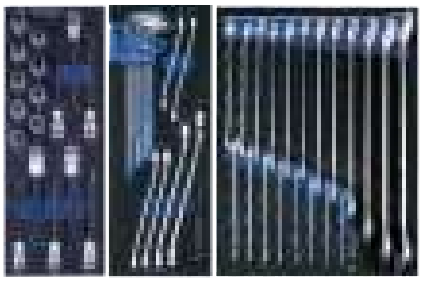
Contents No. 934-235MRVD

24.15 CUFT 2.97

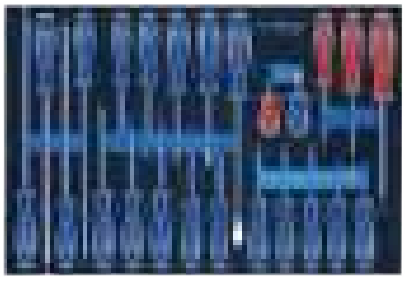
- Special tool set for Automobile, suitable for VOLKSWAGEN-GROUP, MERCEDES-BENZ, OPEL, BMW & Japanese passenger car



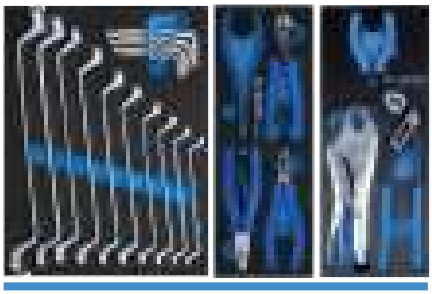
9-4537MRV #9 P.73 | 9-2565MRV #7 P.71 | 9-4129PRV #7 P.71



9-4147PRV #10 P.77 | 9-90135MRV #10 P.78 | 9-1220MRV #9 P.74



9-31124MRV #6 P.70



9-90119MRV #9 P.74 | 9-40104GPV #10 P.78 | 9-40113GPV #10 P.78

9-44214GPV #10 P.78 | 9-90118PRV #10 P.79

235 PC. Tool Trolley Set

7 | 88.15 CUFT 15.21

934-235MRV (87434-7B P.37)

934-235MRV-G (87434-7B-G P.37)

934-235MRV-B (87434-7B-B P.37)

7 | 90.29 CUFT 18.61

9634-235MRV (87634-7B P.41)

9634-235MRV-G (87634-7B-G P.41)

9634-235MRV-B (87634-7B-B P.41)

7 | 99.15 CUFT 15.67

9934F-235MRV (87934-7BF P.43)

9934F-235MRV-G (87934-7BF-G P.43)

9934F-235MRV-B (87934-7BF-B P.43)

286 PC. Tool Trolley Contents

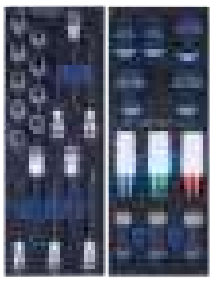
Contents No. 934-010MRVD

Kg 28.8 CUFT 2.97

- Special tool set for automobile, suitable for VOLKSWAGEN-GROUP, MERCEDES-BENZ, OPEL, BMW & Japanese passenger car

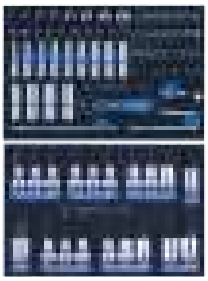
9-3544MRV #9 P.72

9-4537MRV #9 P.73



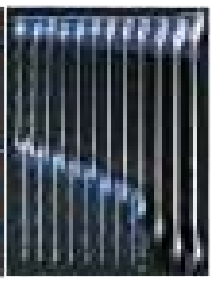
9-4147PRV #10 P.77

9-4401MPV #10 P.77

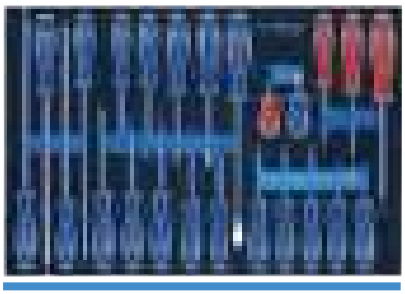


9-2565MRV #7 P.71
9-4129PRV #7 P.71

9-90119MRV #9 P.74



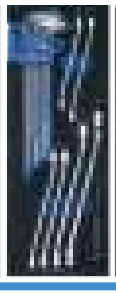
9-1220MRV #9 P.74



9-31124MRV #6 P.70

9-40104GPV #10 P.78

9-40113GPV #10 P.78



9-90135MRV #10 P.78

9-90118PRV #10 P.79

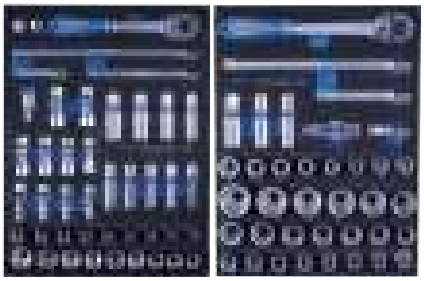
286 PC. Tool Trolley Set

7 Kg 92.8 CUFT 15.21	934-010MRV (87434-7B P.37)	934-010MRV-G (87434-7B-G P.37)	934-010MRV-B (87434-7B-B P.37)
7 Kg 94.94 CUFT 18.61	9634-010MRV (87634-7B P.41)	9634-010MRV-G (87634-7B-G P.41)	9634-010MRV-B (87634-7B-B P.41)
7 Kg 103.8 CUFT 15.67	9934F-010MRV (87934-7BF P.43)	9934F-010MRV-G (87934-7BF-G P.43)	9934F-010MRV-B (87934-7BF-B P.43)

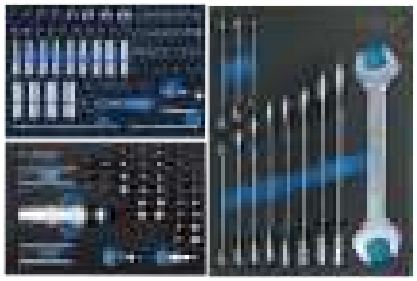
325 PC. Tool Trolley Contents

Contents No. 934-011MRVD

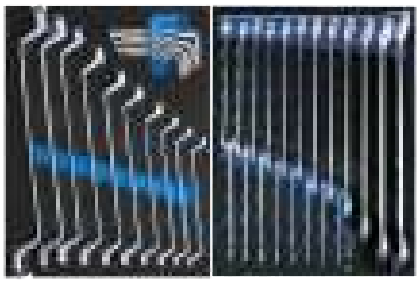
33.35 CUFT 3.73



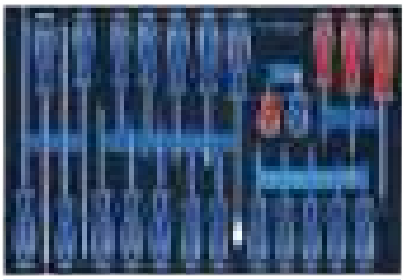
9-3544MRV #9 P.72 | 9-4537MRV #9 P.73



9-2565MRV #7 P.71
9-4143FRV #7 P.71
9-1112MRV #9 P.74



9-90119MRV #9 P.74 | 9-1220MRV #9 P.74



9-31124MRV #6 P.70

9-40104GPV #10 P.78 | 9-40113GPV #10 P.78 | 9-90135MRV #10 P.78 | 9-90118PRV #10 P.79

9-90413TQV #6 P.70

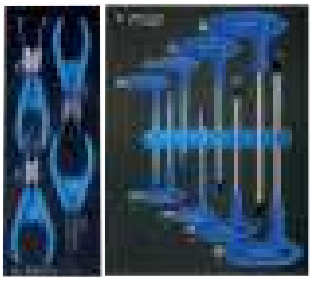
7962-04 P.418

9DC23 P.526

2121-18 P.535

7963-04 P.418

14210212 P.342
14226512 P.342



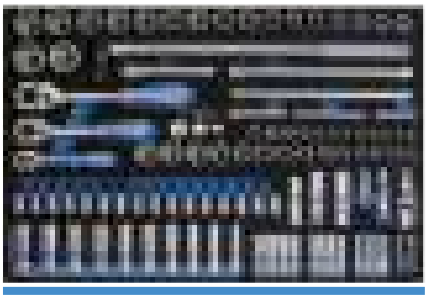
9-44214GPV | 9-22108MRV #9 P.75
#10 P.78

325 PC. Tool Trolley Set

7	97.35 CUFT 15.97	934-011MRV (87434-7B P.37)	934-011MRV-G (87434-7B-G P.37)	934-011MRV-B (87434-7B-B P.37)
7	99.49 CUFT 19.37	9634-011MRV (87634-7B P.41)	9634-011MRV-G (87634-7B-G P.41)	9634-011MRV-B (87634-7B-B P.41)
7	108.35 CUFT 16.43	9934F-011MRV (87934-7BF P.43)	9934F-011MRV-G (87934-7BF-G P.43)	9934F-011MRV-B (87934-7BF-B P.43)

327 PC. Tool Trolley Contents

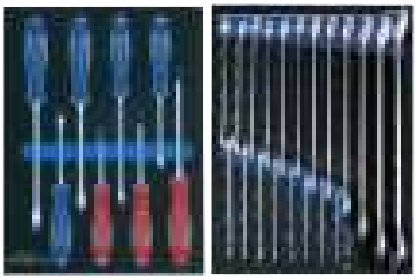
Contents No. 934-019MRVD new　57.2 CUFT 5.44



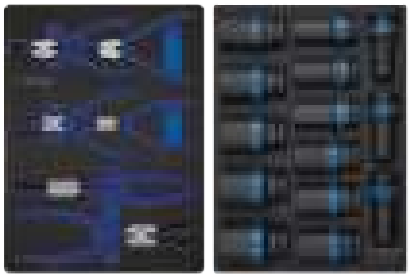
9-9003MRV01 #6 P.68

9-6314MRV #6 P.68

9-99430MFV #6 P.68



9-30208MRV #9 P.75 | 9-1220MRV #9 P.74



9-42116GPV #9 P.75 | 9-6414MPV #9 P.73

9-40104GPV #10 P.78 | 9-40113GPV #10 P.78 | 9-4147PRV #10 P.77 | 9-90118PRV #10 P.79

9-10112MRV #7 P.71 | 9-1044CQV #10 P.78 | 9-21-20-07MRV #10 P.79
9-4143FRV #7 P.71

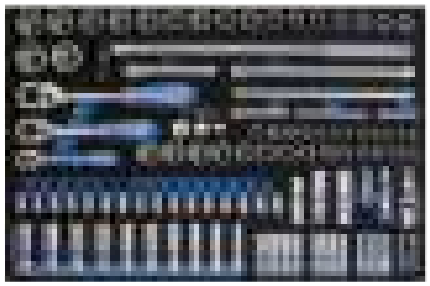
327 PC. Tool Trolley Set

7 Kg 121.2 CUFT 17.68	934-019MRV (87434-7B P.37)	934-019MRV-G (87434-7B-G P.37) / 934-019MRV-B (87434-7B-B P.37)
7 Kg 123.3 CUFT 21.08	9634-019MRV (87634-7B P.41)	9634-019MRV-G (87634-7B-G P.41) / 9634-019MRV-B (87634-7B-B P.41)
7 Kg 132.2 CUFT 18.14	9934F-019MRV (87934-7BF P.43)	9934F-019MRV-G (87934-7BF-G P.43) / 9934F-019MRV-B (87934-7BF-B P.43)

525 PC. Tool Trolley Contents

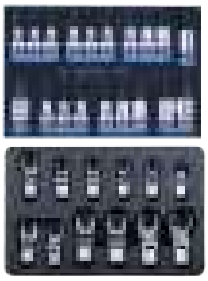
Contents No. 935-525CRVD

73.49 CUFT 6.51



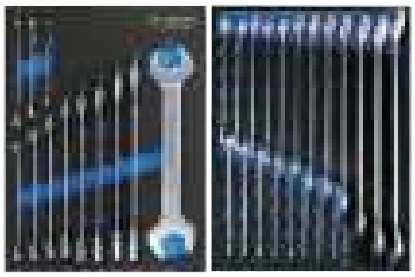
9-9003MRV01 #6 P.68

9-6314MRV #6 P.68



9-9040SRV #9 P.73 9-4129PRV #7 P.71
9-3612MR #7 P.113

9-4147PRV 9-4401MPV 9-4435MP #9 P.114
#10 P.77 #10 P.77



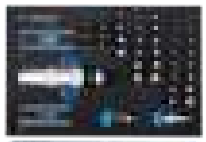
9-1112MRV #9 P.74 9-1220MRV #9 P.74

9-90119MRV #9 P.74 9-91190CRV #9 P.75

9-91124MRV #6 P.70

9-90217GRV #6 P.69

9-31124MRV #6 P.70



9-22108MRV #9 P.75 9-4143FRV #7 P.71
9-30904AY #7 P.113

9-90413TQV #6 P.70

74010
P.428

74020
P.428

74060
P.428

7861-16
P.410

7811-12
P.410

7851-16
P.411

7911-12
P.429

21-20-101
P.421

6532-14
P.336

79094-08C
P.422

525 PC. Tool Trolley Set

13

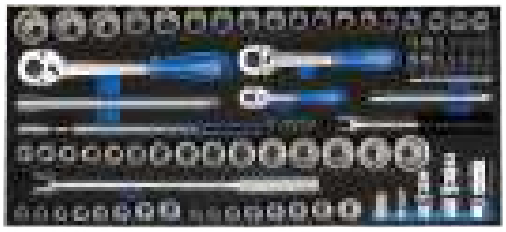
239.49
CUFT 38.05

935-525CRV
(87435-13B P.38)

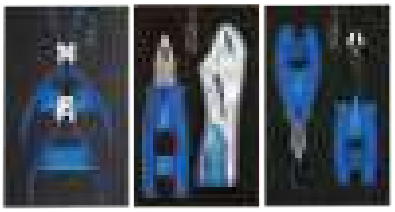
187 PC. Tool Chest Set

911-004CRV

47.38 CUFT 6.51

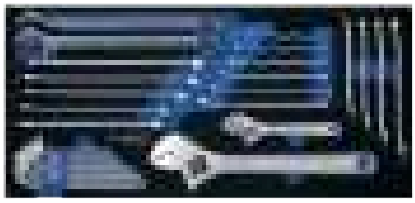


9-9077CRV #1 P.65



9-42102GPV #2 P.66 | 9-40122GPV #2 P.66 | 9-40112GPV #2 P.66

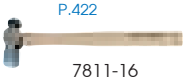
9-91131MRV #3 P.67



9-91126SRV #3 P.67

9-90145CRV #3 P.67

79093-05C P.422



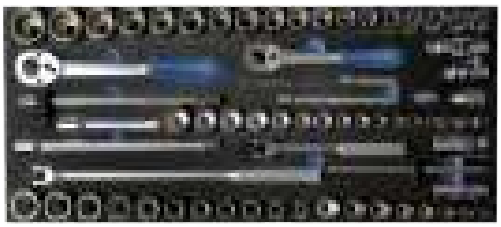
7811-16 P.410

87411-6B P.50

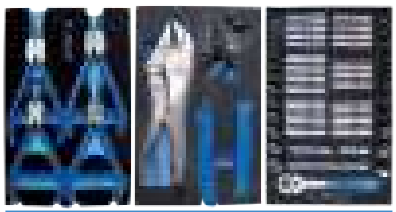
219 PC. Tool Chest Set

911-000CRV

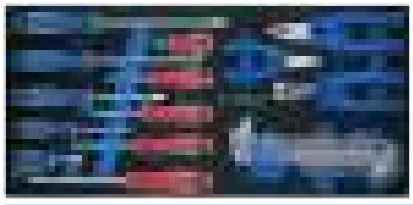
48.27 CUFT 6.10



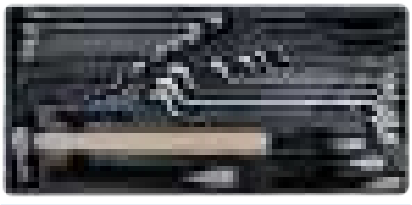
9-7069CRV #1 P.65



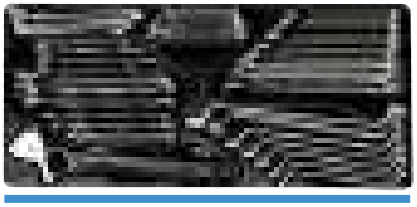
9-42114GPV #2 P.66 | 9-40102GPV #2 P.66 | 9-2548CRV #2 P.66



9-90129CRV #3 P.67



9-90128SR #3 P.97



9-90138CR #3 P.98

87411-6B P.50

306 PC. Tool Chest Set

919-001CRV

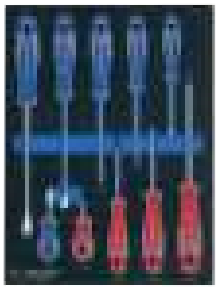
66.01 CUFT 11.05

9-9003MRV01 #6 P.68

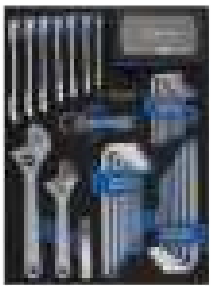
9-9040SRV #9 P.73

9-1220MRV #9 P.74

9-90217GRV #6 P.69



9-31110MRV #9 P.76



9-91190CRV #9 P.75

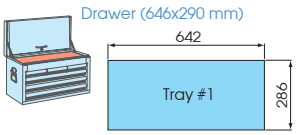
9-91124MRV #6 P.70

79094-08C
P.422

7911-12
P.429

87419-5B P.50

Tool Set Content

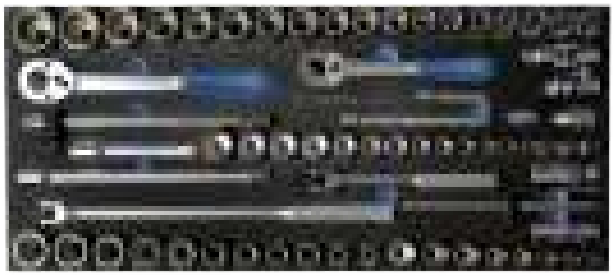


9-7069CRV

Tray category #1 (642 x 286mm)

70 PC.

Contents		kg 7.5	1 / 2
3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22		
3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11 /16, 3/4, 13 /16		
4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32		
4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11 /16, 3/4, 13 /16, 7/8, 15/16, 1		
463516R	463521R	3792	
4791R	3779-08G	4779-10GR	
3452-08F	4452-15FR	3812	
3571-08	4572-10	4813	
3221-03 3221-06	4251-05R 4251-10R	7911-12	



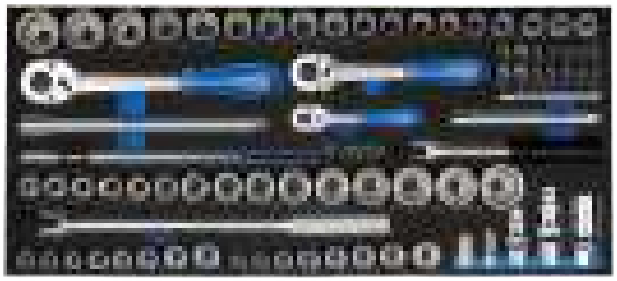
7911-12

9-9077CRV

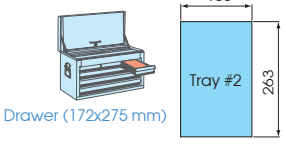
Tray category #1 (642 x 286mm)

77 PC.

Contents		kg 7.95	1 / 2
2330M	4, 5, 6, 7, 8, 9, 10		
2330S	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8		
3330M	10, 11, 12, 13, 14, 15, 17, 19		
3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16		
4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32		
4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4		
463021R	2792	3792	4791R
2779-55G	3779-08G	3814	
4779-10GR	2221-04	3221-06	
4251-10R	3452-08F	4452-15FR	
4572-12			



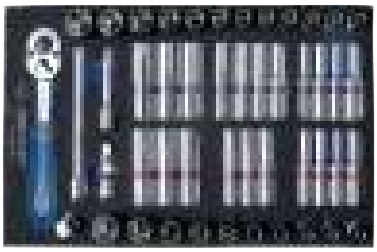
Tool Set Content



Drawer (172x275 mm)

9-2548CRV Tray category #2 (263 x 163mm)

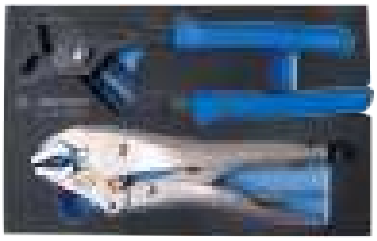
48 PC.



Contents	1.28	1 / 10
2235M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	
2792	2813	2779-55G
2221-02 2221-04		

9-40102GPV Tray category #2 (263 x 163mm)

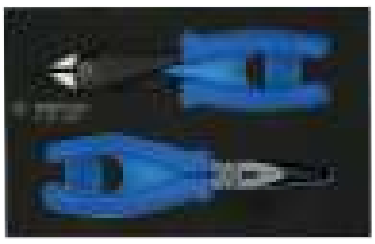
2 PC.



Contents	1.0	1 / 10
6011-10R	6511-10	

9-40112GPV Tray category #2 (263 x 163mm)

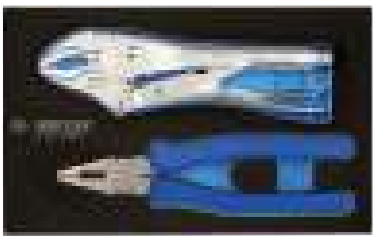
2 PC.



Contents	0.69	1 / 10
6231-08	6311-08	

9-40122GPV Tray category #2 (263 x 163mm)

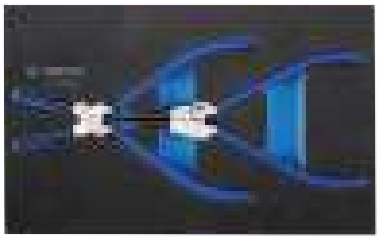
2 PC.



Contents	0.95	1 / 10
6111-08	6011-10R	

9-42102GPV Tray category #2 (263 x 163mm)

2 PC.



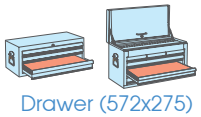
Contents	0.32	1 / 10
68HS-07	68SS-07	

9-42114GPV Tray category #2 (263 x 163mm)

4 PC.

Contents	0.6	1 / 10
68HS-07	68SS-07	
68HB-07	68SB-07	

Tool Set Content

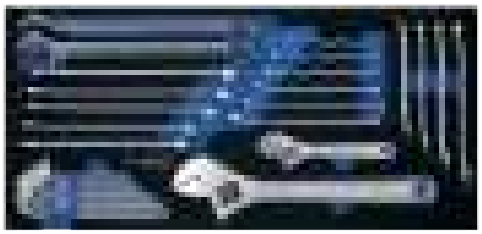


Drawer (572x275)

9-91126SRV

Tray category #3 (554 x 260mm)

Contents		3.28	1 / 3
	5060	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	
	5930	5/16 x 3/8, 3/8 x 7/16, 1/2 x 9/16, 9/16 x 5/8	
	1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	
	3611R	6, 12	

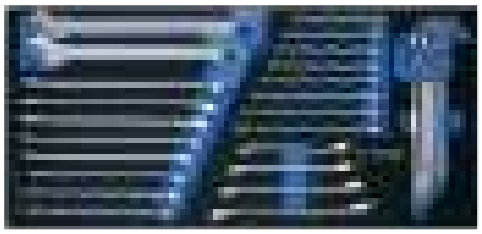


26 PC.

9-91131MRV

Tray category #3 (554 x 260mm)

Contents		2.98	1 / 4
	1930	8x10, 10x12, 11x13, 14x17	
	1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	
	1125MR	H1.5, H2.5, H2, H3, H4, H5, H6, H8, H10	



31 PC.

9-90145CRV

Tray category #3 (554 x 260mm)

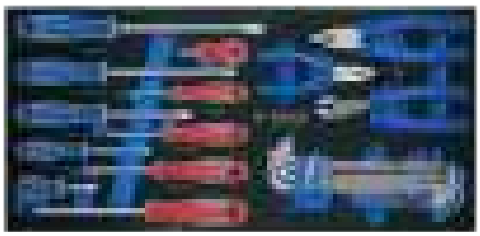
Contents		4.04	1 / 3
	1060	27, 30, 32	
	5060	1-1/16, 1-1/8, 1-1/4	
	1481	PH1x75, PH2x100, PH3x150	
	1482	5.5x75, 6.5x100, 8x150	
	1025S	3.0, 4.0, 5.0, 6.0	
	1025P	PH1, PH2 x 2, PH3	
	1025Z	PZ1, PZ2 x 2, PZ3	
	1025T	T10, T15, T20, T25, T27, T30, T40	
	1025H	H3, H4, H5, H6	
	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H	
	7702-25	753-63	2141

45 PC.

9-90129CRV

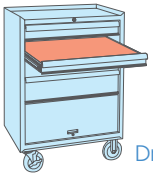
Tray category #3 (554 x 260mm)

Contents		2.5	1 / 4
	1421	PH0 x 60, PH1 x 80, PH2 x 38, PH2 x 100, PH3 x 150	
	1422	3 x 75, 6.5 x 38, 6.5 x 100, 6.5 x 150, 8 x 175	
	1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	
	1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	
	6111-07	6231-07	
	6311-06		



29 PC.

Tool Set Content

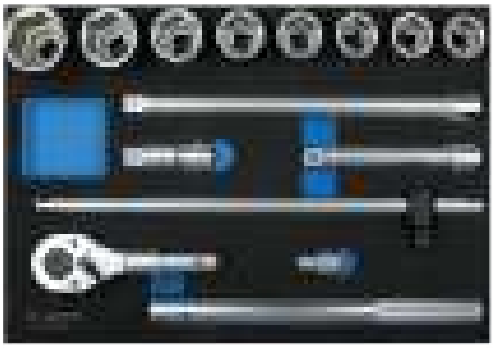


Drawer (579 x 380 mm)

9-6314MRV

Tray category #6 (560 x 375mm)

14 PC.

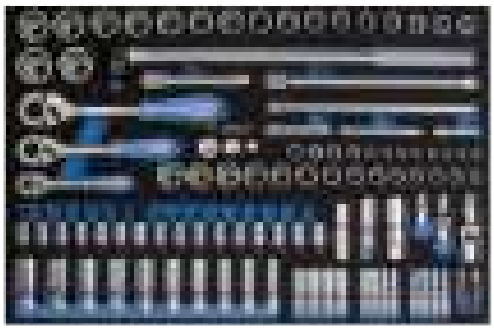


Contents			kg 9.96	1 / 2
	6335M	33, 34, 35, 36, 38, 41, 46, 50		
6572-20		6779-20F		
6251-04 6251-08 6251-16		6814		

9-9003MRV01

Tray category #6 (560 x 375mm)

103 PC.



Contents			kg 7.30	1 / 3
	2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		
	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		
	3023	T10,T15,T20,T25,T27,T30,T40,T45,T50		
	3025	H3,H4,H5,H6,H8,H10,H12		
	3235M	10,12,13,14,15,16,17,18,19,21		
	3330M	8,10,11,12,13,14,15,16,17,18,19,20,21,22		
	4330MR	10,12,13,14,15,16,17,18,19,20,21,22,23,24,27,28,30,32		
7702-50		7703-50		
2792	3792	4791R		
363516	363521	36A014		
2221-02 2221-04	3221-03 3221-10	4251-05R 4251-10R		
2813	3812	4813		
2771-55G		3771-08G		
4771-10GR		4462-18F		

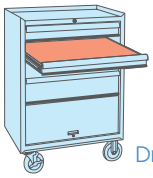
9-99430MFV new

Tray category #6 (560 x 375mm)

30 PC.

Contents			kg 12.38	1 / 2
	8435M	27, 30, 32, 33, 36		
	3375M	E4, E5, E6, E7, E8, E11		
	4375M	E10, E12, E14, E16, E18, E20, E22		
	6575M	E24, E26, E28, E30, E32		
	4025	H14, H17, H19		
8866P	7823-20	9DC22	320560	

Tool Set Content



Drawer (579 x 380 mm)

9-94437MRV new

Tray category #6 (560 x 375mm)

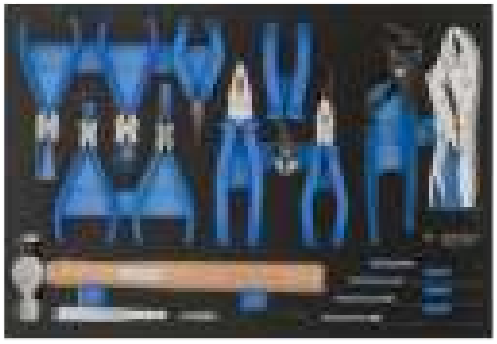
Contents		4.61	1 / 2
1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24		
3731M	8, 10, 11, 12, 13, 14, 15		
4435M	17, 19, 21		
1836P	PH2, PH3		
1836S	9, 11		
1880P	PH2, PH3		
1880S	8, 10		
4112	414810S		

37 PC.

9-90217GRV

Tray category #6 (560 x 375mm)

Contents		3.89	1 / 6
764	3,4,5,6		
76105-06	76717-05		
7811-16	6011-10R		
6111-08	6231-07	6311-08	
6314-05	68HB-07	68HS-07	
68SB-07	68SS-07	6511-10C	



17 PC.

9-91122MRV

Tray category #6 (560 x 375mm)

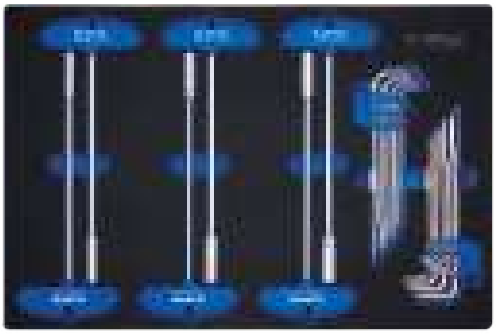
Contents		3.18	1 / 5
1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24		
115HM	H6, H7, H8, H9, H10, H11, H12, H13		

22 PC.

9-22124MRV50 new

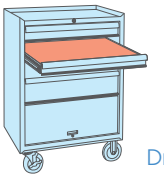
Tray category #6 (560 x 375mm)

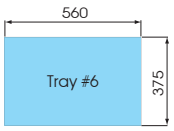
Contents		2.18	1 / 5
115HM	H7, H8, H10, H11, H12, H13		
ST20109MR	ST20419PR		



24 PC.

Tool Set Content





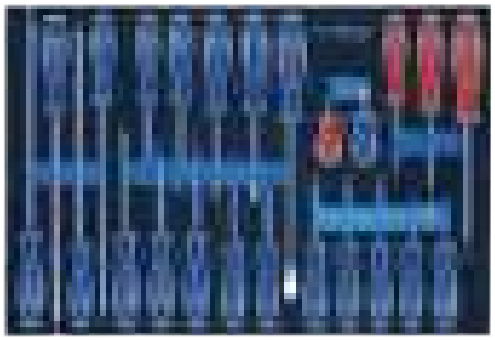
Drawer (579 x 380 mm)

9-31124MRV

Tray category #6 (560 x 375mm)

24 PC.

Contents			2.41	1 / 5
⊕	1421	PH2x38, PH1x80, PH2x100, PH3x150		
⊖	1422	3x75, 4x100, 5.5x100, 6.5x100, 10x200, 6.5x38		
✱	1423	T6x48, T7x48, T8x75, T9x75, T10x75, T15x75, T15x250, T20x100, T20x250, T25x100, T25x250, T27x100, T30x125, T30x250		



9-91124MRV

Tray category #6 (560 x 375mm)

24 PC.

Contents			4.12	1 / 5
	3731	10, 12, 13, 14, 17, 18, 19		
⊕	1421	PH2 x 300		
⊖	1422	5 x 300		
	74030		6615-11	
	3611-10R 3611-12R		9TK118	
	79063-12		11409SQ05	

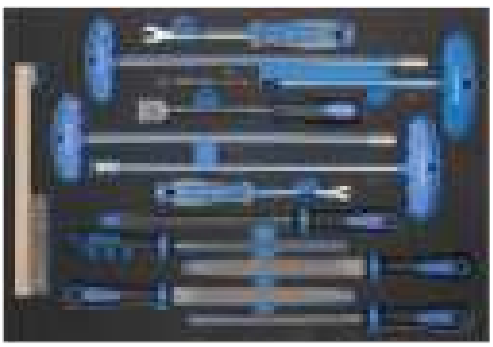
11409SQ05

9-90413TQV

Tray category #6 (560 x 375mm)

13 PC.

Contents			2.49	1 / 5
	115HM	8, 10, 13		
	9CZ101		115345R	
	48280180		43280212	
	43240115Y		75102-08G	
	75202-08G		75302-08G	
	75402-08G		75502-08G	



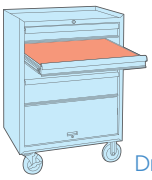
9-91217MRV

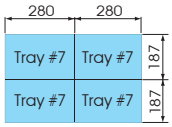
Tray category #6 (560 x 375mm)

17 PC.

Contents			6.11	1 / 2
⊕	1421	PH1 x 80, PH2 x 100		
⊖	1422	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150, 8 x 175		
✱	1423	T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125		
	48280180		9CF220	
	7823-10 7823-20		7821-30	

Tool Set Content



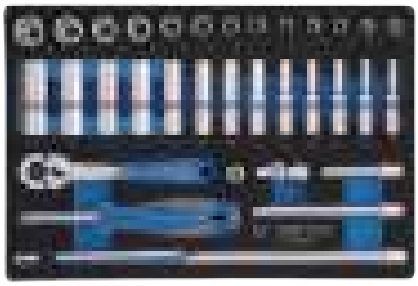


Drawer (579 x 380 mm)

9-2534MRV new

Tray category #7 (280 x 187mm)

Contents			kg 1.11	1 / 10
2335M	4, 4.5, 5 ,5.5 , 6 , 7 , 8 , 9 , 10 , 11 ,12 , 13, 14			
2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14			
2771-55G		2571-45		2142
2792		2178DF		2221-02, 2221-04, 2221-06

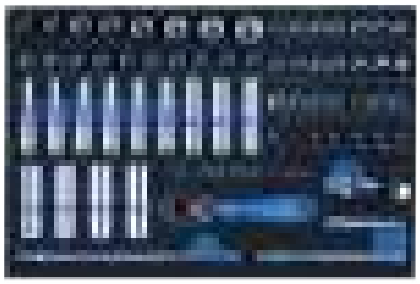


34 PC.

9-2565MRV

Tray category #7 (280 x 187mm)

Contents		kg 1.38	1 / 10
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
2375M	E4, E5, E6, E7, E8		
2013X	T8, T9, T10, T15, T20, T25, T27, T30, T40		
2015X	H3, H4, H5, H6, H8		
2018X	PZ1, PZ2		
2011X	PH1, PH2		
2012X	3.5, 5.5, 8		
1025T	T6, T7		
1025M	M4, M5, M6, M8, M10		



65 PC.

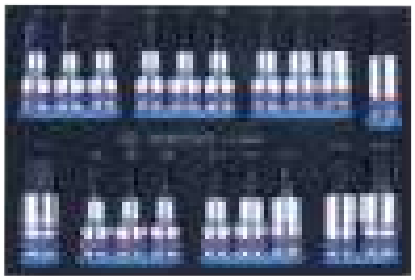
Contents

2792	2813	276A-04G
2221-02, 2221-04, 2221-06		

9-4129PRV

Tray category #7 (280 x 187mm)

Contents		kg 2.07	1 / 10
4025	H3, H4, H5, H6, H7, H8, H10, H12, H14, H17, H19		
4026	M5, M6, M8, M10, M12, M14		
402B	M16, M18		

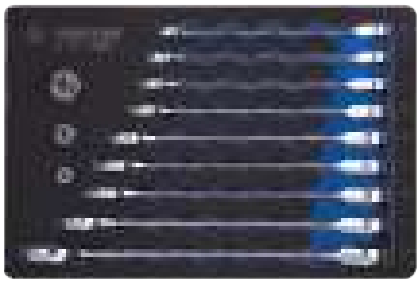


19 PC.

9-10112MRV new

Tray category #7 (280 x 187mm)

Contents		kg 1.13	1 / 10
3731	10, 11, 12, 13, 14, 15, 16, 17, 19		
373202R	373203R	373204R	

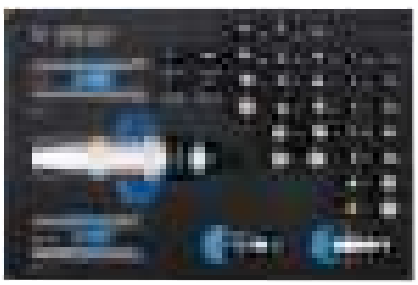


12 PC.

9-4143FRV

Tray category #7 (280 x 187mm)

Contents		kg 1.63	1 / 8
1636H	H5, H6, H7, H8, H10, H12		
1636M	M6, M8, M10, M12		
1636T	T30, T40, T45, T50, T55, T60		
1832H	H3, H4, H5, H6, H7, H8, H10, H12		
1832T	T15, T20, T25, T27, T30, T40, T45, T50		
1836P	PH2, PH3		
1836S	9 x 1.6, 11 x 2		
1880P	PH2, PH3		

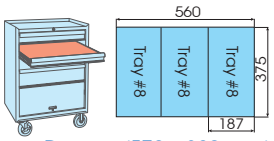


43 PC.

Contents

1880S	8 x 1.2, 10 x 1.6	
414810M, 414810S		4112

Tool Set Content



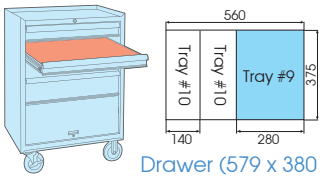
Drawer (579 x 380 mm)

9-2550MRV

Tray category #8 (375 x 187mm)

50 PC.

Contents		kg 1.37	1 / 15
2335M		4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
2375M		E4, E5, E6, E7, E8	
2031		PH1, PH2, PH3, PH4	
2032		4, 5.5, 6.5, 8, 10	
2033		T8, T9, T10, T15, T20, T25, T27, T30, T40	
2035		H3, H4, H5, H6, H7, H8, H10	
2771-55G		2178DF	
2792		2571-45	
2293-04 2293-06		2221-02	



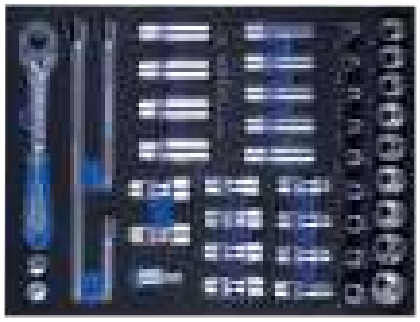
Drawer (579 x 380 mm)

9-3544MRV

Tray category #9 (375 x 280mm)

44 PC.

Contents		kg 3.19	1 / 5
3335M		10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	
3375M		E7, E8, E10, E11, E12	
3230M		8, 10, 11, 12, 13, 14, 16, 17, 19	
3750M		10, 11, 12, 13, 14, 15, 16, 17, 18, 19	
3812 3814		3779-08G	
3223-14		3221-03 3221-06 3221-10	

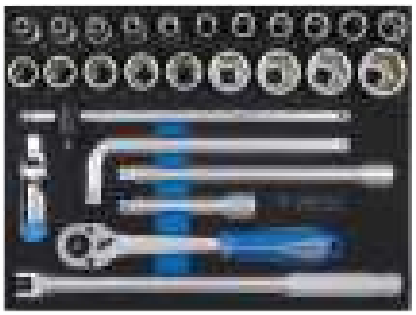


9-4527MRV02

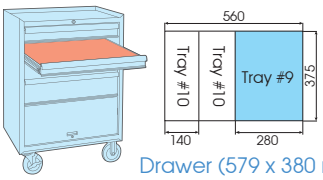
Tray category #9 (375 x 280mm)

27 PC.

Contents		kg 4.72	1 / 5
4335MR		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 29, 30, 32	
4771-10GR		4791R	
4572-12		4251-05R 4251-10R	
4452-15FR		4581-10	



Tool Set Content



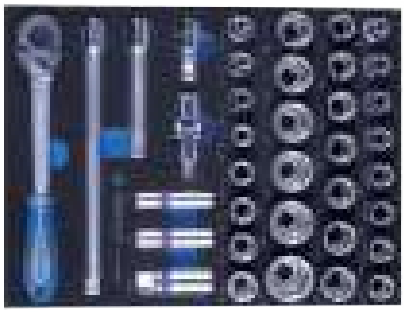
Drawer (579 x 380 mm)

9-4537MRV

Tray category #9 (375 x 280mm)

37 PC.

Contents		4.39	1 / 5
	4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32	
	4375M	E10, E12, E14, E16, E18, E20, E22, E24	
	4779-10GR		4293-02
	4251-05R 4251-10R		463516R 463521R
	4791R		463014RC



9-9040SRV

Tray category #9 (375 x 280mm)

40 PC.

Contents		3.02	1 / 5
	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	
	3330S	3/8, 7/16, 1/2, 9/16, 5/8	
	4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-1/4,	
	5060	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 15/16, 1	

9-7560MRV01

Tray category #9 (375 x 280mm)

60 PC.

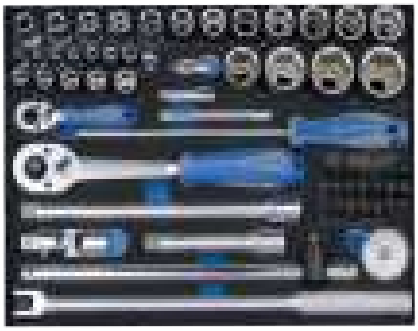
Contents		6.24	1 / 2
	2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
	4335MR	10, 11, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 24, 27, 30, 32	
	1025S	3, 4.5, 5, 6.5, 8	
	1025P	PH0, PH1, PH2, PH3	
	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H	
	1025Z	PZ1, PZ2, PZ3	

276A-04G, 4771-10GR, 4452-15FR, 4572-12

213312DF, 2792, 4791R, 2813, 2745

2223-02
2223-04

4251-05R
4251-10R

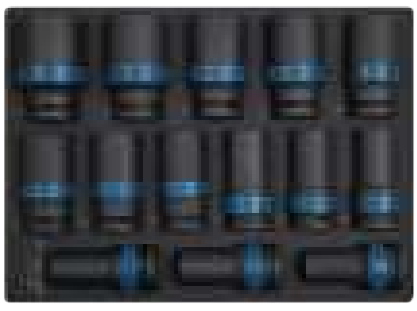


9-6414MPV new

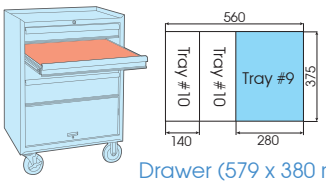
Tray category #9 (375 x 280mm)

14 PC.

Contents		10.08	1 / 2
	6435M	19, 21, 22, 24, 26, 27, 29, 30, 32, 33, 35, 36, 38, 41	



Tool Set Content



Drawer (579 x 380 mm)

9-12A1MRV new

Tray category #9 (375 x 280mm)

Contents		1.75	1 / 10
	1061	8, 10, 12, 13, 14, 16, 17, 18, 19, 22, 24	

11 PC.

9-1112MRV

Tray category #9 (375 x 280mm)

Contents		2.34	1 / 4
	1900	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32	

12 PC.

9-90119MRV

Tray category #9 (375 x 280mm)

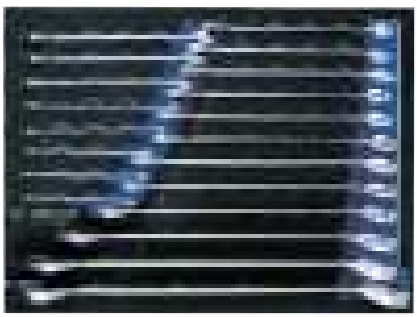
Contents		3.04	1 / 4
	1970	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32	
	1143	T10, T15, T20, T25, T27,T30, T40, T45, T50	

19 PC.

9-1220MRV

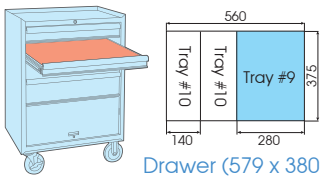
Tray category #9 (375 x 280mm)

Contents		3.49	1 / 4
	1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	



20 PC.

Tool Set Content



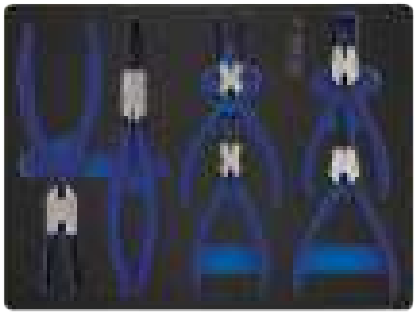
Drawer (579 x 380 mm)

9-42116GPV new

Tray category #9 (375 x 280mm)

Contents — 1.54 — 1 / 5

- 68SB-07
- 68HS-07
- 68SS-07
- 68HB-07
- 68HS-10
- 68SS-10



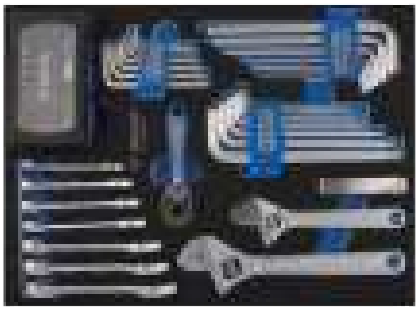
6 PC.

9-91190CRV

Tray category #9 (375 x 280mm)

Contents — 2.22 — 1 / 10

1025S	3.0, 4.0, 5.0, 6.0
1025P	PH1, PH2 x 2, PH3
1025Z	PZ1, PZ2 x 2, PZ3
1025T	T10, T15, T20, T25, T27, T30, T40
1025H	H3, H4, H5, H6
1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
1025R	RB2
7702-25	753-63
10D0	10,12,13,14,17,18,19
1130MR	H2.5, H3, H4, H5, H6, H8, H10



90 PC.

Contents

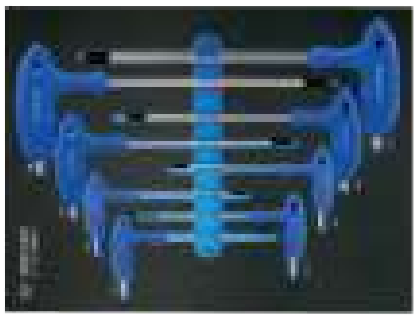
1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8
1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H
3611-06R 3611-08R	77328-26
276A-04G	

9-22108MRV

Tray category #9 (375 x 280mm)

Contents — 0.89 — 1 / 5

1160MR	H2, H2.5, H3, H4, H5, H6, H8, H10



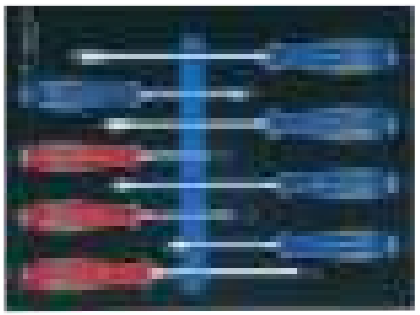
8 PC.

9-30208MRV

Tray category #9 (375 x 280mm)

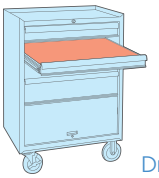
Contents — 1.41 — 1 / 5

1461	PH1 x 75, PH2 x 100, PH3 x 150
1462	5.5 x 100, 6.5 x 100, 6.5 x 150, 8 x 150, 8 x 175



8 PC.

Tool Set Content

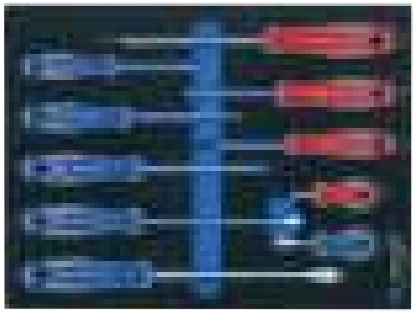


Drawer (579 x 380 mm)

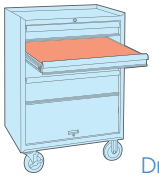
9-31110MRV

Tray category #9 (375 x 280mm)

Contents		2.46	1 / 4
1421	PH1 x 80, PH2 x100, PH3 x 150, PH2 x 38		
1422	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 38, 6.5 x 150, 8 x 175		



10 PC.



Drawer (579 x 380 mm)

9-2544SRV

9-2044SRV

Tray category #10 (375 x 140mm)

9-2544SRV

9-2044SRV

44 PC.

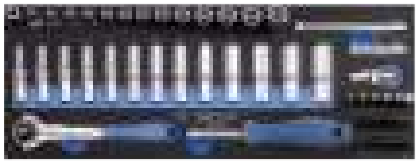
KT NO.		Contents	0.92	1 / 6
9-2544SRV	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2		
9-2044SRV	2330S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2		

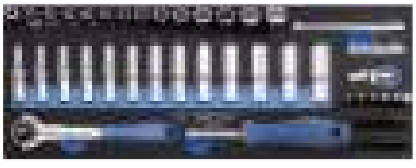
2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	2752-06G
1025S	3, 4.5, 5, 6.5, 8	2178DF
1025P	PH0, PH1, PH2, PH3	2792
5025H	H3/64, H1/16, H5/64, H3/32, H7/64, H1/8, H9/64, H5/32	2223-02, 2223-04
		2142

9-2548MRV

9-2048MRV

Tray category #10 (375 x 140mm)


9-2548MRV

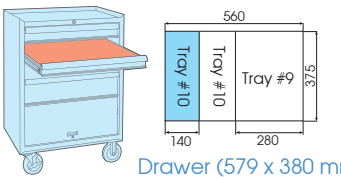

9-2048MRV

48 PC.

KT NO.		Contents	1.09	1 / 6
9-2548MRV	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
9-2048MRV	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		

2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2752-06G
1025S	3, 4.5, 5, 6.5, 8	2178DF
1025P	PH0, PH1, PH2, PH3	2792
5025H	H3, H4, H5, H6, H7, H8, H10	2223-02, 2223-04
		2142

Tool Set Content



Drawer (579 x 380 mm)

9-2553MRV

Tray category #10 (375 x 140mm)

53 PC.

0.98 | 1 / 6

Contents		
2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
1025H	H3, H4, H5, H6, H7, H8, H10
1025S	3, 4.5, 5, 6.5, 8
1025P	PH0, PH1, PH2, PH3
1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
1025Z	PZ1, PZ2, PZ3
1025T	T10, T15, T20, T25, T27, T30, T40

Contents

7702-25 | 2792 | 2813
276A-04G | 213312DF
2223-02 2223-04 | 2745

9-2553MRV01 new

Tray category #10 (375 x 140mm)

55 PC.

0.97 | 1 / 6

Contents	
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
1025H	H3, H4, H5, H6, H7,H8, H10
1025T	T10, T15, T20, T25, T27, T30, T40
1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
1025P	PH1, PH2, PH3
1025Z	PZ1, PZ2, PZ3
1025S	3, 4.5, 5, 6.5, 8

Contents

7702-25 | 276A-04G
2571-45 | 213312DF
2221-02 2221-04 2221-06 | 2745 | 2792 | 2142

9-3523MRV10

Tray category #10 (375 x 140mm)

23 PC.

1.73 | 1 / 6

Contents		
3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24
3771-08G	3792
3571-08	3452-08G
3293-03 3293-06	

9-4147PRV

Tray category #10 (375 x 140mm)

17 PC.

1.81 | 1 / 5

Contents		
40D0	H6, H8, H10
4066	M8, M9, M10, M12, M14
4023	T20, T25, T27, T30, T40 T45, T50, T55, T60

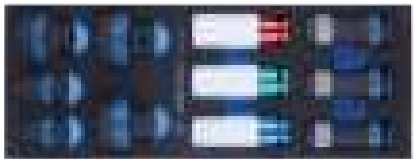
9-4401MPV

Tray category #10 (375 x 140mm)

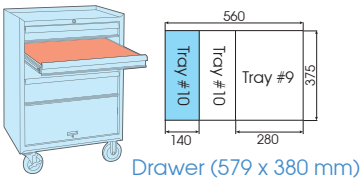
11 PC.

2.23 | 1 / 6

Contents		
4945MX	17, 19, 21
4535M	17, 19, 32, 34, 36
4415M	17, 19, 21



Tool Set Content



Drawer (579 x 380 mm)

9-90135MRV

Tray category #10 (375 x 140mm)

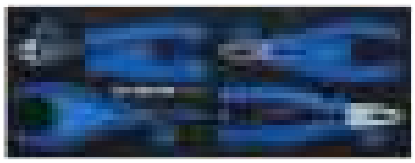
Contents		1.81 kg	1 / 6
	1930	8x10, 10x12, 11x13, 12x14, 17x19, 19x22	
	1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	

15 PC.

9-40104GPV

Tray category #10 (375 x 140mm)

Contents		1.08 kg	1 / 8
	6311-08		6111-06
	6231-07		6319-11C



4 PC.

9-40113GPV

Tray category #10 (375 x 140mm)

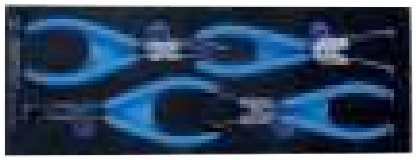
Contents		1.12 kg	1 / 8
	6011-10R		6314-05
	6516-10C		

3 PC.

9-44214GPV

Tray category #10 (375 x 140mm)

Contents		1.08 kg	1 / 8
	67HS-07		67HB-07
	68SS-07		68SB-07

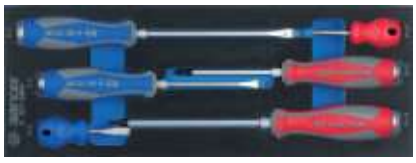


4 PC.

9-30216MRV

Tray category #10 (375 x 140mm)

Contents		0.71 kg	1 / 6
	1461	PH2 x 100, PH3 X 150	
	1462	5.5 X 100, 6.5 X 150	
	1411	PH2 x 38	
	1412	6.5 x 38	

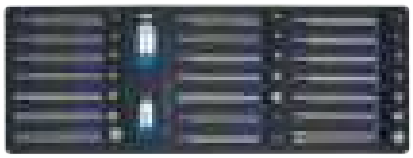


6 PC.

9-1044CQV new

Tray category #10 (375 x 140mm)

Contents		1.75 kg	1 / 6
	1636H	H4, H5, H6, H7, H8, H10, H12	
	1680H	H4, H5, H6, H7, H8, H10, H12	
	1636M	M5, M6, M8, M10, M12	
	1680M	M5, M6, M8, M10, M12	
	1636T	T20, T25, T27, T30, T40, T45, T50, T55, T60	

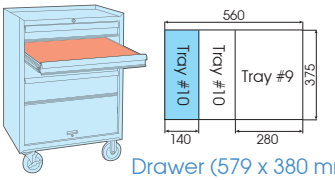


44 PC.

Contents

	1680T	T20, T25, T27, T30, T40, T45, T50, T55, T60
	314810M	414810M

Tool Set Content



Drawer (579 x 380 mm)

9-90118PRV

Tray category #10 (375 x 140mm)

Contents	1.28 kg	1 / 6
76104-05	7821-30	
76217-06 76220-07	76403-06 76404-06 76405-65 76406-07	

8 PC.

9-90305TQV

Tray category #10 (375 x 140mm)

Contents	0.91 kg	1 / 6
7971-07	77141-08	
77335-25	9BM120	
79093-05C		

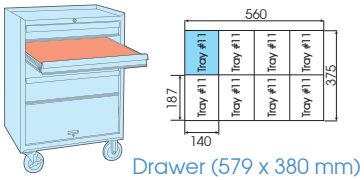
5 PC.

9-21-20-07MRV new

Tray category #10 (375 x 140mm)

Contents	0.91 kg	1 / 6	Each Q'ty
4 x 8 mm	4 x 10 mm		20
4 x 8 mm	4 x 10 mm		
4.8 x 8 mm	4.8 x 10 mm		
21-20-101			1

121 PC.



Drawer (579 x 380 mm)

9-2516MRV03 new

Tray category #11 (187 x 140mm)

Contents	0.47 kg	1 / 12
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
2771-55G	2571-45	
2221-06	2792	

17 PC.

9-2524MRV new

Tray category #11 (187 x 140mm)

Contents	0.63 kg	1 / 12
2335M	4, 4.5, 5 , 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
2771-55G	2571-45	2142
2221-02 2221-04 2221-06	2792	2178DF

21 PC.

9-2528MRV new

Tray category #11 (187 x 140mm)

Contents	0.48 kg	1 / 12
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11,12, 13, 14	
1025H	H3, H4, H5, H6	
1025S	4, 5	
1025T	T10, T15, T20, T30	
1025P	PH1, PH2	

29 PC.

Contents

276A-04G	2792
2221-06	2142

The Way To Fill Your Drawer

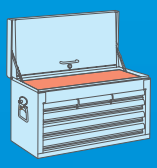
How to complete your tool trolley set and tool chest set

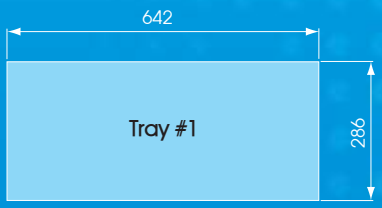
The drawer of tool chest includes one top drawer and different size

CAUTION

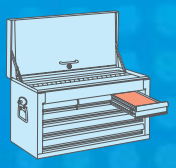
- Do not move the box / trolley unit unless you have closed the cover and locked the drawers
- Never open more than one loaded drawer at the same time
- Watch for sharp edges, we suggest to put on gloves before you lift the unit

Drawer (646x290 mm)

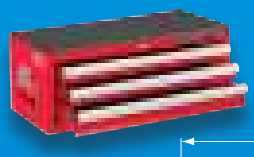


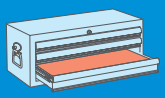


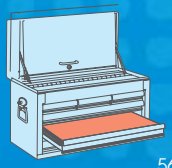
Drawer (172x275 mm)

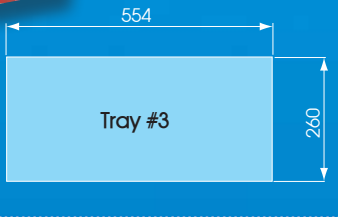


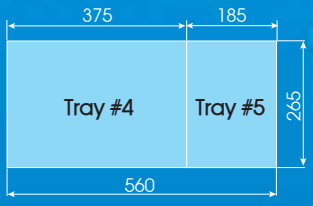
Drawer (572x275 mm)

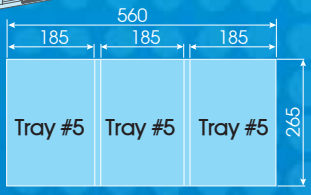




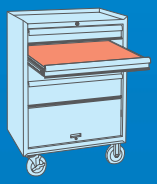


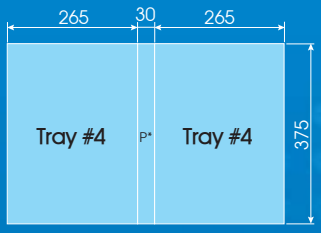


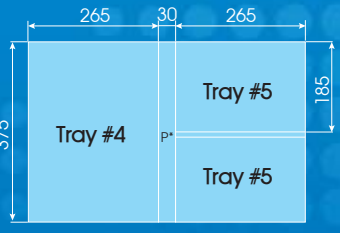


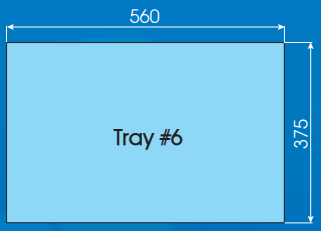


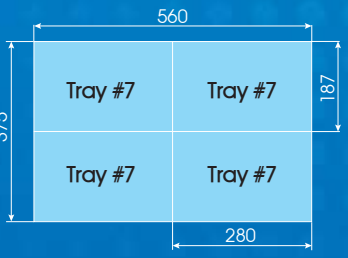
Drawer (579x380 mm)

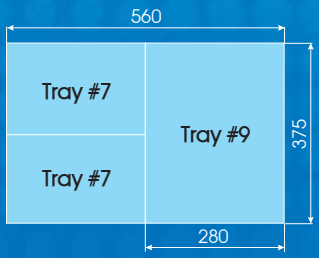


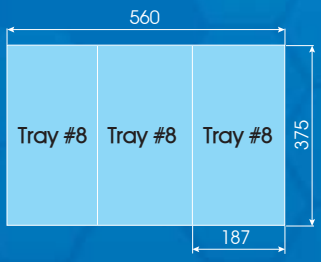


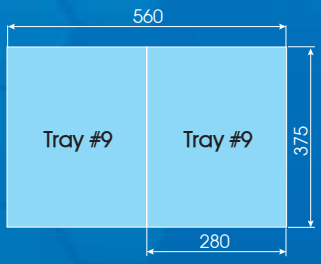


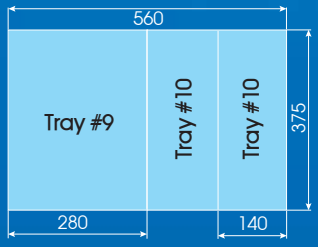


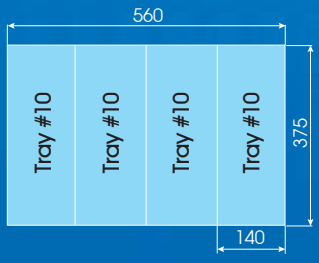




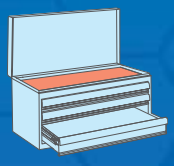


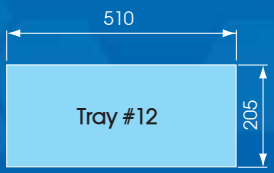


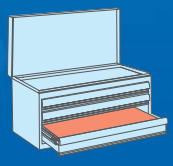


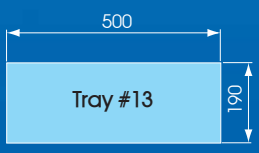


Drawer (504 x 195 mm)

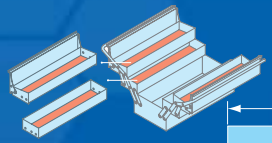


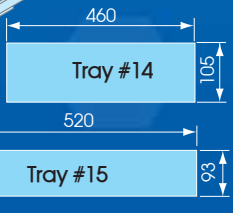


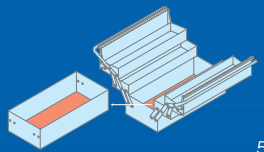




87402 Drawer (470 x 220 mm) #14
87408 Drawer (530 x 220 mm) #15

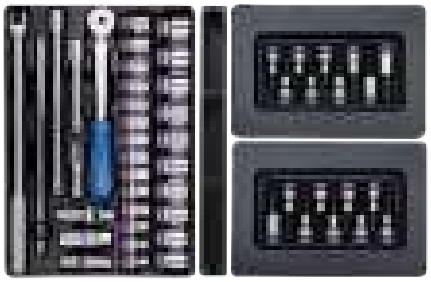






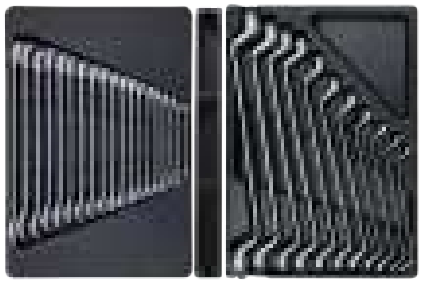
101 PC. Tool Trolley Contents

Contents No. 932-009MRD — 19.8 CUFT 2.41



9-4333MR #4 P.100 | 9-4120PR #5 P.109 | 9-4119PR #5 P.109

84700612B P*



9-1219MR01 #4 P.102 | 9-1711MR #4 P.104

84700612B P*

9-90106SR #4 P.107 | 9-40103GP #5 P.110

84700612B P*

1110MR P.294

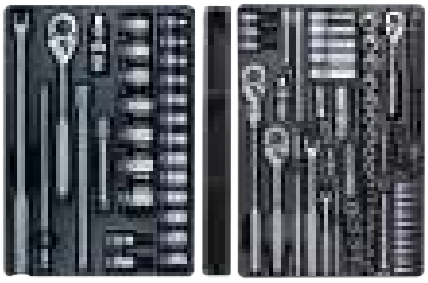
34423-1A P.273

101 PC. Tool Trolley Set

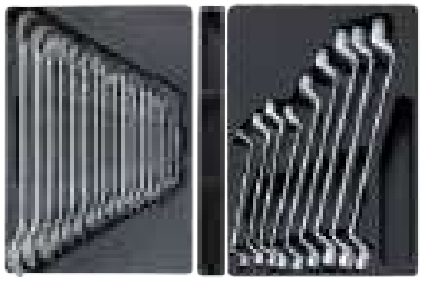
5 drawers, 75.8 kg, 14.65 CUFT	932-009MR (87432-5B P.37)	932-009MR-G (87432-5B-G P.37)	932-009MR-B (87432-5B-B P.37)
5 drawers, 78.8 kg, 18.05 CUFT	9632-009MR (87632-5B P.41)	9632-009MR-G (87632-5B-G P.41)	9632-009MR-B (87632-5B-B P.41)
7 drawers, 85.94 kg, 18.05 CUFT	9634-009MR (87634-7B P.41)	9634-009MR-G (87634-7B-G P.41)	9634-009MR-B (87634-7B-B P.41)
7 drawers, 94.8 kg, 15.11 CUFT	9934F-009MR (87934-7BF P.43)	9934F-009MR-G (87934-7BF-G P.43)	9934F-009MR-B (87934-7BF-B P.43)

144 PC. Tool Trolley Contents

Contents No. 932-010MRD — 17.5 CUFT 1.86



9-4328MR #4 P.100 | 9-5575MR #4 P.101
84700612B P*



9-1216MR01 #4 P.102 | 9-1709MR #4 P.103
84700612B P*

9-90106SR #4 P.107 | 9-31106MR #5 P.110
9-40103GP #5 P.110
84700612B P*

34423-1A P.273

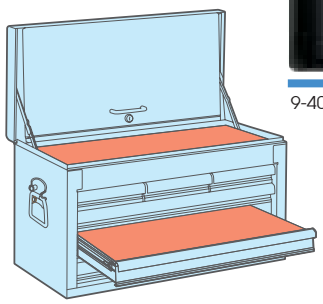
144 PC. Tool Trolley Set

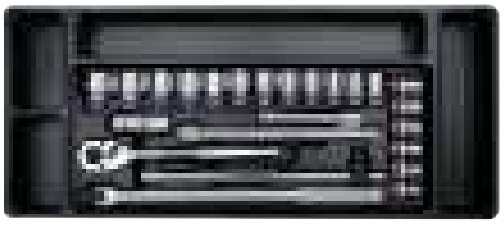
5 — 73.5 CUFT 14.1	932-010MR (87432-5B P.37)	932-010MR-G (87432-5B-G P.37)	932-010MR-B (87432-5B-B P.37)
5 — 76.5 CUFT 17.5	9632-010MR (87632-5B P.41)	9632-010MR-G (87632-5B-G P.41)	9632-010MR-B (87632-5B-B P.41)
7 — 83.64 CUFT 17.5	9634-010MR (87634-7B P.41)	9634-010MR-G (87634-7B-G P.41)	9634-010MR-B (87634-7B-B P.41)
7 — 92.5 CUFT 14.56	9934F-010MR (87934-7BF P.43)	9934F-010MR-G (87934-7BF-G P.43)	9934F-010MR-B (87934-7BF-B P.43)

170 PC. Tool Trolley Contents

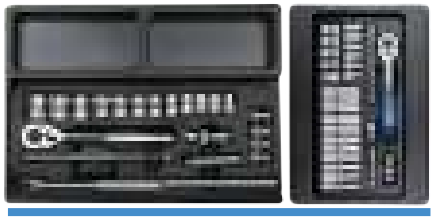
Contents No. 941-101MRD

Kg 24.8 CUFT 2.54



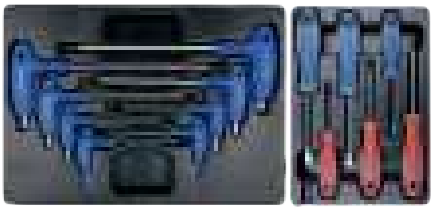


9-4026MR02 #1 P.96



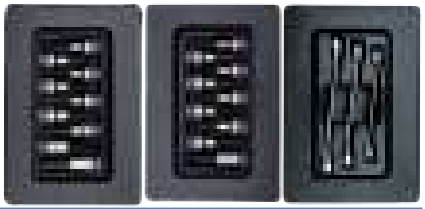
9-3023MR01 #4 P.100

9-2526MR #5 P.109



9-22308PR #4 P.107

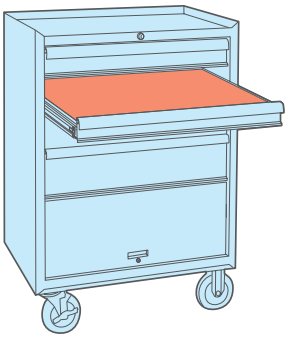
9-31106MR #5 P.110



9-4120PR #5 P.109

9-4119PR #5 P.109

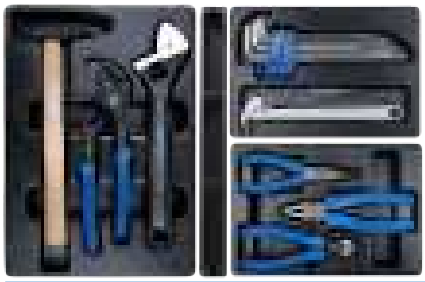
9-1303MR #5 P.109



9-1711MR #4 P.104

9-1216MR #4 P.102

84700612B P*

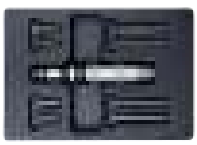


9-90103RR #4 P.107

9-20110MR #5 P.110

9-40103GP #5 P.110

84700612B P*



9-4128FR #5 P.110

1010PR P.413

170 PC. Tool Trolley Set

5 Kg 106.2 CUFT 18.31

5 Kg 109.2 CUFT 22.15

7 Kg 125.2 CUFT 19.21

941-101MR
(87411-6B P.50
87432-5B P.37)

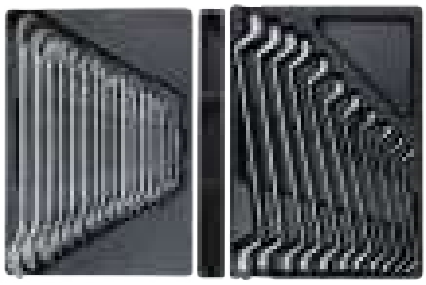
9641-101MR
(87411-6B P.50
87632-5B P.41)

9644-101MR
(87411-6B P.50
87634-7B P.41)

173 PC. Tool Trolley Contents

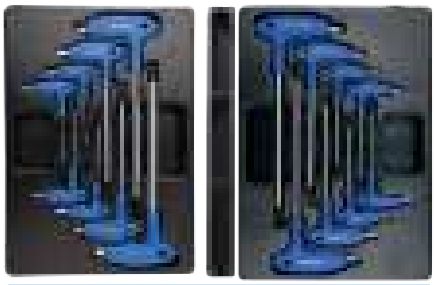
Contents No. 932-000MRD — 24.7 CUFT 2.10

9-4333MR #4 P.100 | 9-7540MR #4 P.101
84700612B P*



9-1216MR01 #4 P.102 | 9-1711MR #4 P.104
84700612B P*

9-90131MR #4 P.102 | 9-31110MR #4 P.108
84700612B P*



9-22108MR #4 P.75 | 9-22308PR #4 P.107
84700612B P*

9-90103PP #4 P.107 | 9-40207GP #4 P.106
84700612B P*

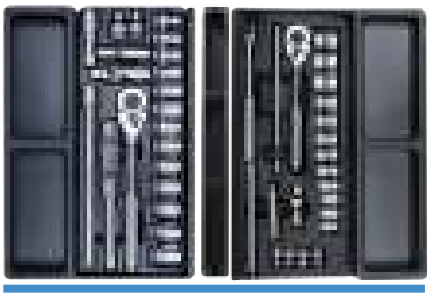
1006PR #4 P.413

173 PC. Tool Trolley Set

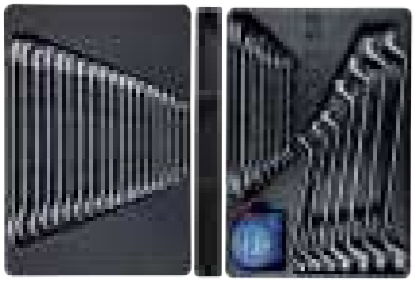
5 — 80.70 CUFT 14.34	932-000MR (87432-5B P.37)	932-000MR-G (87432-5B-G P.37)	932-000MR-B (87432-5B-B P.37)
5 — 83.7 CUFT 17.74	9632-000MR (87632-5B P.41)	9632-000MR-G (87632-5B-G P.41)	9632-000MR-B (87632-5B-B P.41)
7 — 90.84 CUFT 17.74	9634-000MR (87634-7B P.41)	9634-000MR-G (87634-7B-G P.41)	9634-000MR-B (87634-7B-B P.41)
7 — 99.7 CUFT 14.8	9934F-000MR (87934-7BF P.43)	9934F-000MR-G (87934-7BF-G P.43)	9934F-000MR-B (87934-7BF-B P.43)

179 PC. Tool Trolley Contents

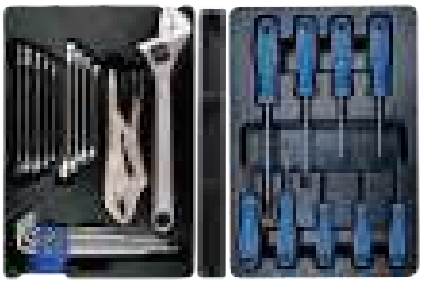
Contents No. 932-008MRD — 20.52 CUFT 2.41



9-4522MR #4 P.99 | 9-3523MR #4 P.100
84700612B P*



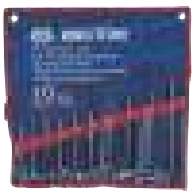
9-1219MR01 #4 P.102 | 9-90315MR #4 P.104
84700612B P*



9-91120MR #4 P.105 | 9-31909PR #4 P.108
84700612B P*

9-90103PP01 #4 P.107 | 9-40207GP #4 P.106
84700612B P*

9-4120PR #5 P.109 | 9-31106MR #5 P.110
9-4119PR #5 P.109 | 9-2526MR #5 P.109
84700612B P*



1010PR #4 P.413

9DC23 P.526

179 PC. Tool Trolley Set

5 — 76.52 kg / 14.65 CUFT	932-008MR (87432-5B P.37)	932-008MR-G (87432-5B-G P.37)	932-008MR-B (87432-5B-B P.37)
5 — 79.52 kg / 18.05 CUFT	9632-008MR (87632-5B P.41)	9632-008MR-G (87632-5B-G P.41)	9632-008MR-B (87632-5B-B P.41)
7 — 86.66 kg / 18.05 CUFT	9634-008MR (87634-7B P.41)	9634-008MR-G (87634-7B-G P.41)	9634-008MR-B (87634-7B-B P.41)
7 — 95.52 kg / 15.11 CUFT	9934F-008MR (87934-7BF P.43)	9934F-008MR-G (87934-7BF-G P.43)	9934F-008MR-B (87934-7BF-B P.43)

197 PC. Tool Trolley Contents

Contents No. 934-001MRD — 28.7 CUFT 3.7

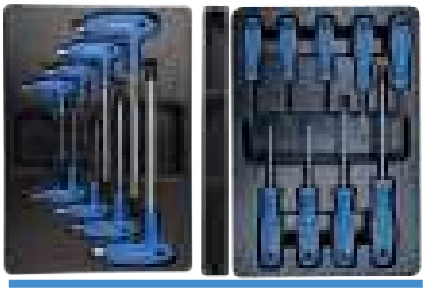
9-90408TQ #6 P.111

9-4516MR #4 P.99 | 9-5575MR #4 P.101

84700612B P*

9-1711MR #4 P.104 | 9-1218MR #4 P.102

84700612B P*



9-22108MR #4 P.107 | 9-31909PR #4 P.108

84700612B P*

9-90310MR #4 P.108 | 9-90106SR #4 P.107

84700612B P*

9-90205GN01 #4 P.106

9-4128FR #5 P.110

9-40103GP #5 P.110

84700612B P*

7962-04 P.418

9DC23 P.526

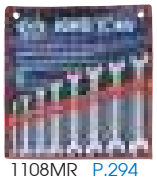
42114GP P.326

2121-18 P.535

7963-04 P.418

14210212 P.342

14226512 P.342



1108MR P.294

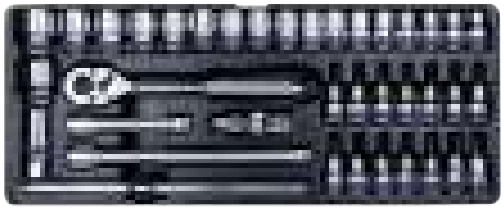
197 PC. Tool Trolley Set

7 — 92.7 CUFT 15.94	934-001MR (87434-7B P.37)	934-001MR-G (87434-7B-G P.37)	934-001MR-B (87434-7B-B P.37)
7 — 94.84 CUFT 15.94	9634-001MR (87634-7B P.41)	9634-001MR-G (87634-7B-G P.41)	9634-001MR-B (87634-7B-B P.41)
7 — 103.7 CUFT 16.4	9934F-001MR (87934-7BF P.43)	9934F-001MR-G (87934-7BF-G P.43)	9934F-001MR-B (87934-7BF-B P.43)

69 PC. Tool Chest Set

901-068MR

18.8 CUFT 2.05



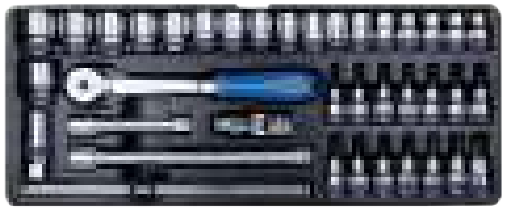
9-4338MR #11 P.115 (901-069MR use)

9-90121MR #12 P.116

87401-3 P.51

901-069MR

18.4 CUFT 2.05



9-4338MR01 #11 P.115 (901-068MR use)

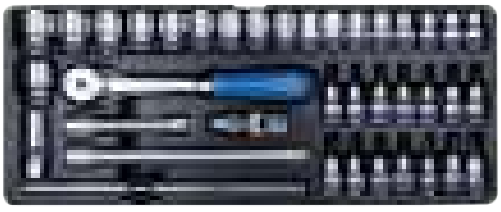
9-90104GP #12 P.116

9-31006MR #12 P.116

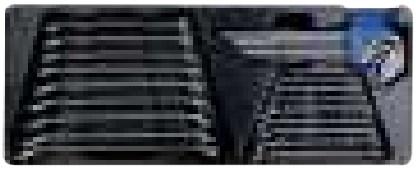
74 PC. Tool Chest Set

901-073MR

19.5 CUFT 2.05



9-4338MR03 #11 P.115



9-90126MR #12 P.116

87401-3 P.51

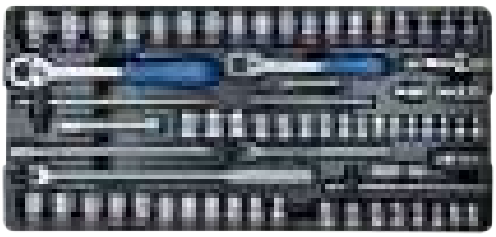
9-90104GP #12 P.116

9-31006MR #12 P.116

219 PC. Tool Chest Set

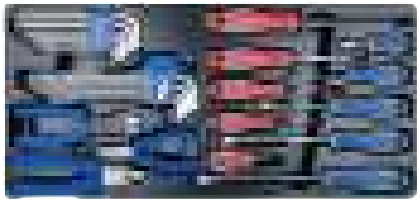
911-000CR

50.5 CUFT 6.10

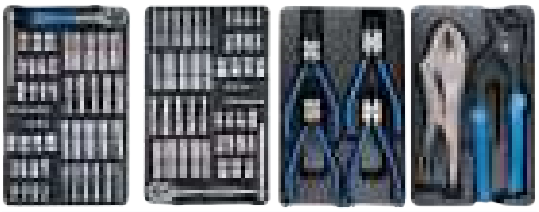


9-7069CR #1 P.96 (911-000CR use)

87411-6B P.50



9-90129CR #3 P.98



9-2548CR #2 P.97 (911-000CR use)

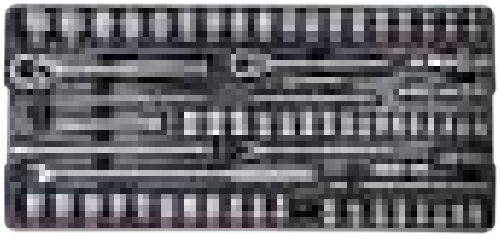
9-2548CR01 #2 P.97 (911-000CR02 use)

9-42114GP #2 P.97

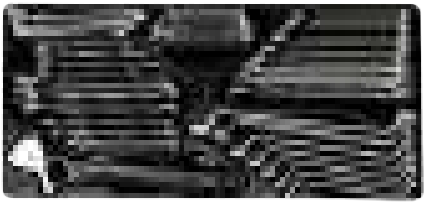
9-40102GP #2 P.97

911-000CR02

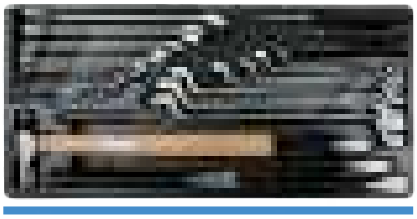
50.8 CUFT 6.10



9-7069CR01 #1 P.96 (911-000CR02 use)



9-90138CR #3 P.98



9-90128SR #3 P.97

107 PC. Tool Chest Set

911-002CR

40.5 CUFT 5.12

87411-6B P.50

7811-16 P.410

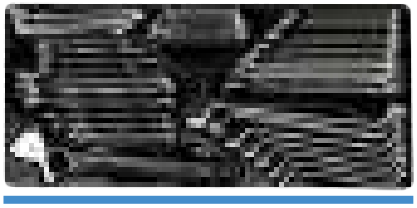
4042CR #476 x 282mm P.174

20107SR P.374

20109MR P.374

9-42144GP #4 P.106

9-31106MR #5 P.110

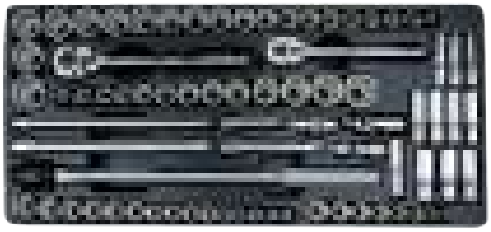


9-90138CR #3 P.98

235 PC. Tool Chest Set

911-003CR

46.16 CUFT 6.10

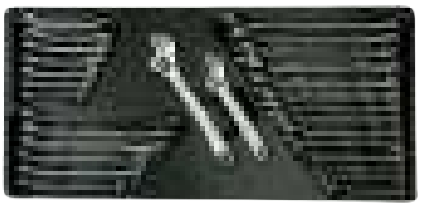


9-7078CR #1 P.96 (911-003CR use)

9-90220MR #3 P.98 (911-003CR use)

9-90154CR #3 P.99 (911-003CR use)

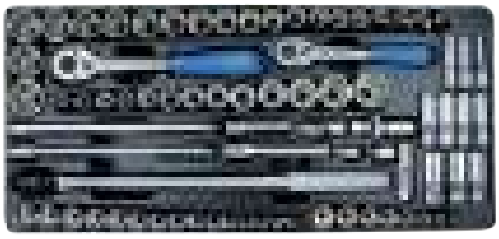
87411-6B P.50



9-90329CR #3 P.98

911-003CR01

46.16 CUFT 6.10



9-7078CR01 #1 P.96 (911-003CR01 use)

9-90220MR01 #3 P.98 (911-003CR01 use)

9-90154CR01 #3 P.99 (911-003CR01 use)

9-2548CR01 #2 P.97 (911-003CR use)

9-2548CR #2 P.97 (911-003CR01 use)

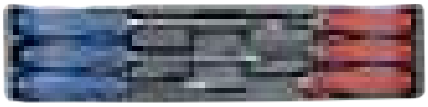
9-42114GP #2 P.97

9-40102GP #2 P.97

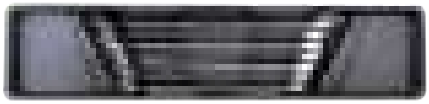
62 PC. Tool Box Contents

Contents No. 902-062MRD — 8.8 CUFT 1.22

9-4116FR #14 P.117



9-30206MR #14 P.118



9-1217MR #14 P.118

9-4319MR #14 P.117

9-90120MR #14 P.118

9-40203GP #14 P.118

62 PC. Tool Box Set

14.4 CUFT 1.22

902-062MR (87402 P.52)

13.9 CUFT 1.22

new

9A05-062MR (87A05 P.52)

new

9A05-062MR-KB (87A05-KB P.52)

63 PC. Tool Box Contents

Contents No. 902-164MRD — 10.2 CUFT 1.22

9-4116FR #14 P.117

9-4219MR #14 P.117

1060 P.290	8, 10, 12, 13, 14, 17, 19, 21, 22, 24
1120MR P.374	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
1421 P.342	PH1 x 80, PH2 x 38, PH3 x 150
1422 P.342	5.5 x 100, 6.5 x 38, 8 x 175

6111-07 P.321	76217-06 P.412 76223-08 P.412
6311-06 P.322	76403-05 P.412
6511-10 P.324	76404-06 P.412 76405-65 P.412
3611-08R P.311	76406-07 P.412
76104-05 P.411	7811-16 P.410

63 PC. Tool Box Set

15.8 CUFT 1.22

902-164MR (87402 P.52)

15.3 CUFT 1.22

new

9A05-164MR (87A05 P.52)

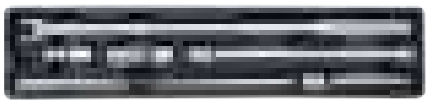
new

9A05-164MR-KB (87A05-KB P.52)

65 PC. Tool Box Contents

Contents No. 902-065MRD

9.1 CUFT 1.22



9-4116FR #14 P.117

9-4319MR #14 P.117

9-90115MR #14 P.118

9-1716MR #14 P.118

- 1421 P.342 PH1 x 80, PH2 x 38, PH3 x 150
- 1422 P.342 5.5 x 100, 6.5 x 38, 8 x 175

- 6111-07 P.321
- 6311-06 P.322
- 6511-10 P.324
- 3611-08P P.311
- 76104-05 P.411
- 76217-06 P.412
- 76223-08 P.412
- 76403-05 P.412
- 76404-06 P.412
- 76405-65 P.412
- 76406-07 P.412
- 7811-16 P.410

65 PC. Tool Box Set

14.7 CUFT 1.22

902-065MR (87402 P.52)

14.2 CUFT 1.22

new

9A05-065MR (87A05 P.52)

new

9A05-065MR-KB (87A05-KB P.52)

68 PC. Tool Box Contents

Contents No. 902-068MRD

10.3 CUFT 1.22

9-4116FR #14 P.117

9-4319MR01 #14 P.117

- 1060 P.290 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
- 1120MR P.374 H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
- 1421 P.342 PH1 x 80, PH2 x 38, PH3 x 150
- 1422 P.342 5.5 x 100, 6.5 x 38, 8 x 175

- 6111-07 P.321
- 6311-06 P.322
- 6511-10 P.324
- 3611-12P P.311
- 76104-05 P.411
- 7911-12 P.429
- 76217-06 P.412
- 76223-08 P.412
- 76403-05 P.412
- 76404-06 P.412
- 76405-65 P.412
- 76406-07 P.412
- 7821-30 P.410

68 PC. Tool Box Set

15.9 CUFT 1.22

902-068MR (87402 P.52)

15.4 CUFT 1.22

new

9A05-068MR (87A05 P.52)

new

9A05-068MR-KB (87A05-KB P.52)

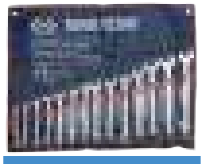
81 PC. Tool Box Contents

Contents No. 902-084MR01D

13.6 CUFT 1.22

9-4116FR03 #14 P.110

9-4219MR07 #14 P.110



1215MR P.291

- 4230M P.155 — 16, 17, 18, 19, 20, 21, 22, 24, 25, 26
- 1421 P.342 — PH1 x 100, PH2 x 150, PH3 x 150
- 1422 P.342 — 6.5 x 100, 6.5 x 150, 8 x 150
- 6231-07 P.321
- 6311-06 P.322
- 6463-08C P.323
- 6516-10C P.323
- 6031-07R P.328
- 3611-08R P.311
- 3611-12R P.311
- 20218MR P.373
- 7851-16 P.411
- 7811-16 P.410
- 76104-05 P.411
- 76105-06 P.411
- 76213-04 P.412
- 76215-05 P.412
- 76220-07 P.412
- 76306-05 P.412
- 76403-05 P.412
- 76404-06 P.412

81 PC. Tool Box Set

19.24 CUFT 1.22

902-084MR01 (87402 P.52)

18.74 CUFT 1.22

new

9A05-084MR01 (87A05 P.52)

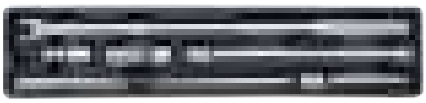
new

9A05-084MR01-KB (87A05-KB P.52)

84 PC. Tool Box Contents

Contents No. 902-084SRD

15.9 CUFT 1.22



9-4116FR03 #14 P.117

9-4219SR08 #14 P.117

1216SR P.291

- 4230S P.155 — 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4
- 1421 P.342 — PH1 x 100, PH2 x 150, PH3 x 150
- 1422 P.342 — 6.5 x 100, 6.5 x 150, 8 x 150
- 6231-07 P.321
- 6311-06 P.322
- 6463-08C P.323
- 6516-10C P.323
- 20107SR P.374
- 6031-07R P.328
- 3611-08R P.311
- 3611-12R P.311
- 7811-16 P.410
- 7851-16 P.411
- 76104-05 P.411
- 76105-06 P.411
- 76213-04 P.412
- 76215-05 P.412
- 76220-07 P.412
- 76306-05 P.412
- 76403-05 P.412
- 76404-06 P.412

84 PC. Tool Box Set

21.55 CUFT 1.22

902-084SR (87402 P.52)

21.0 CUFT 1.22

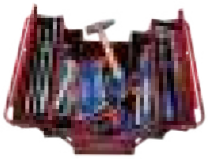
new

9A05-084SR (87A05 P.52)

new

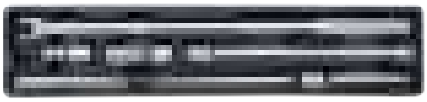
9A05-084SR-KB (87A05-KB P.52)

88 PC. Tool Box Contents



Contents No. 902-089MR01D

13.9 CUFT 1.22



9-4116FR #14 P.117

9-4319MR01 #14 P.117

1812MR P.311

1060 P.462	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24
1900 P.462	6 x 7, 8 x 10, 11 x 13, 12 x 13, 17x19, 22 x 24
1120MR P.462	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
1147R P.462	T10H, T15H, T20H, T25H, T27H, T30H, T40H

1421 P.462	PH2 x 38, PH3 x 150
1422 P.462	3 x 75, 5 x 100
6111-07 P.462	3611-08R P.462
6311-06 P.462	7911-12 P.462
6516-10C P.462	7821-80 P.462

88 PC. Tool Box Set

19.5 CUFT 1.22

902-089MR01 (87402 P.52)

19.0 CUFT 1.22

new

9A05-089MR01 (87A05 P.52)

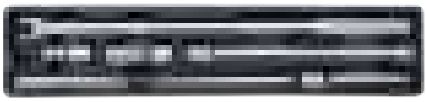
new

9A05-089MR01-KB (87A05-KB P.52)

103 PC. Tool Box Contents

Contents No. 902-103MRD

19.2 CUFT 1.22



9-4116FR #14 P.117

9-4319MR01 #14 P.117

1812MR P.311

1060 P.290	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32
1120MR P.374	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
1147R P.375	T10H, T15H, T20H, T25H, T27H, T30H, T40H
1421 P.342	PH0 x 60, PH1 x 100, PH2 x 100, PH3 x 150
1422 P342	3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175

6111-07 P.321	7911-12 P.429
6311-06 P.322	7821-80 P.410
6516-10C P.323	76220-07 P.412 76226-12 P.412
6231-08 P.321	76402-45 P.412
6431-10 P.323	76403-05 P.412 76404-06 P.412 76405-65 P.412 76406-07 P.412 76408-08 P.412 76412-09 P.412 76414-10 P.412
6011-10R P.328	
3611-12R P.311	
79093-03C P.422	

103 PC. Tool Box Set

24.8 CUFT 1.22

902-103MR (87402 P.52)

24.3 CUFT 1.22

new

9A05-103MR (87A05 P.52)

new

9A05-103MR-KB (87A05-KB P.52)

109 PC. Tool Box Contents

Contents No. 902-109MRD — 19.4 CUFT 1.22

9-4116FR #14 P.117

9-4319MR01 #14 P.117

1812MR P.311

1306MR P.301

1060 P.290 — 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32

1120MR P.374 — H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

1147R P.375 — T10H, T15H, T20H, T25H, T27H, T30H, T40H

1421 P.342 — PH0 x 60, PH1 x 100, PH2 x 100, PH3 x 150

1422 P.342 — 3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175

6111-07 P.321

6311-06 P.322

6516-10C P.323

6231-08 P.321

6431-10 P.323

6011-10R P.328

3611-12R P.311

79093-05C P.422

7911-12 P.429

7811-16 P.410

76220-07 P.412
76226-12 P.412

76402-45 P.412
76403-05 P.412
76404-06 P.412
76405-65 P.412
76406-07 P.412
76408-08 P.412
76412-09 P.412
76414-10 P.412

109 PC. Tool Box Set

24.99 CUFT 1.22

902-109MR (87402 P.52)

24.5 CUFT 1.22

new

9A05-109MR (87A05 P.52)

new

9A05-109MR-KB (87A05-KB P.52)

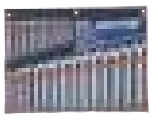
132 PC. Tool Box Contents

Contents No. 902-132CRD new — 24.5 CUFT 1.51

9-4116FR #14 P.117

9-4319MR01 #14 P.117

1812MR P.311



1226MR P.291

1005GQ P.430

30617MR P.354

20208MR01
20208SR01
P.373

11205SQ P.426

1421 P.342 — PH0 x 60, PH1 x 100, PH2 x 100, PH3 x 150

1422 P.342 — 3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175

6111-07 P.321

6311-06 P.322

6516-10C P.323

6231-07 P.321

6721-10 P.406

6711-06 P.323

3611-08P P.311
3611-12P P.311

20419PR P.376

7911-12 P.429

7811-12 P.410

76104-05 P.411

76220-07 P.412

6011-10R P.328

2121-18 P.535

7971-07 P.400

79093-03C P.422

132 PC. Tool Box Set

30.1 CUFT 2.73

902-132CR (87402 P.52)

29.1 CUFT 2.92

new

9A05-132CR (87A05 P.52)

new

9A05-132CR-KB (87A05-KB P.52)

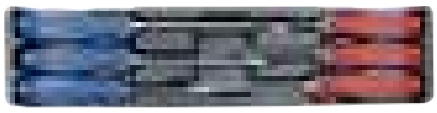
77 PC. Tool Box Contents

Contents No. 908-077CRD — 19.8 CUFT 0.99

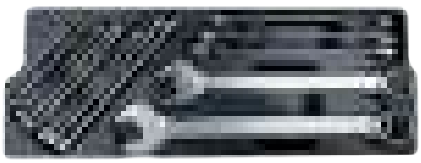
9-4029CR #15 P.119

9-90111MR #15 P.119

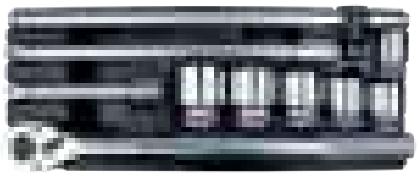
9-4156PR #15 P.119



9-30206MR #14 P.118



9-1215MR03 #16 P.119



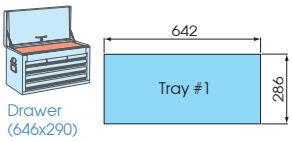
9-6010MR #16 P.119

77 PC. Tool Box Set

26.52 kg
CUFT 2.29

908-077CR
(87408 P.52)

Tool Set Content

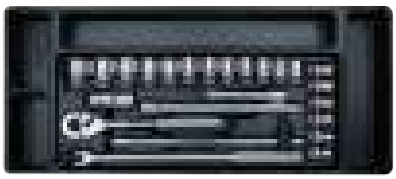


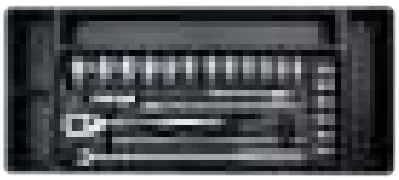
9-4526MR

9-4026MR02

Tray category #1 (642 x 286mm)

24 PC.


9-4526MR


9-4026MR02

KT NO.		Contents					4.6	1 / 5
9-4526MR	4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463521R	4768-10F	4572-12	4251-05R 4251-10R		
9-4026MR02	4330MR		463021R	4768-10P	4452-15FR			

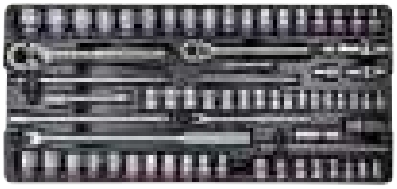
9-7069CR

9-7069CR01

Tray category #1 (642 x 286mm)

70 PC.

9-7069CR


9-7069CR01

7911-12

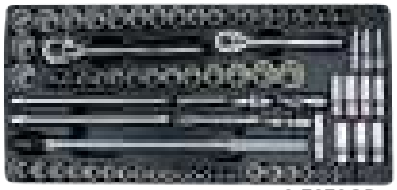
KT NO.		Contents							8.8	1 / 2
9-7069CR	3779-08G 4779-10GR	3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22	463521R	463516R	3571-08	3452-08F	4452-15FR	4251-05R 4251-10R	
		3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11 /16, 3/4, 13 /16	4572-10	3221-03 3221-06	7911-12				
9-7069CR01	3769-08P 4768-10P	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	3792	4791R	3812	4813			
		4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11 /16, 3/4, 13 /16, 7/8, 15/16, 1							

9-7078CR

9-7078CR01

Tray category #1 (642 x 286mm)

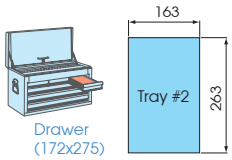
78 PC.


9-7078CR

9-7078CR01

KT NO.		Contents							8.67	1 / 2
9-7078CR	3769-08P 4768-10P	3330M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	3235M	10, 12, 13, 14, 15, 16, 17, 18, 19, 22	363516	4462-18F	3221-03 3221-10	4251-05R 4251-10R	
		3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16	3792	4791R	3812	4813			
9-7078CR01	3779-08G 4779-10GR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 30, 32							
		4330SR	3/8, 7/16,1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-1/4							

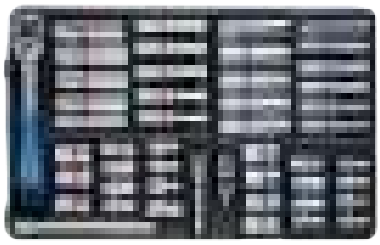
Tool Set Content

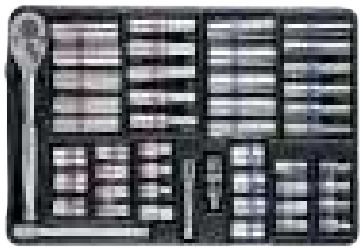


9-2548CR 9-2548CR01

Tray category #2 (263 x 163mm)

48 PC.


9-2548CR

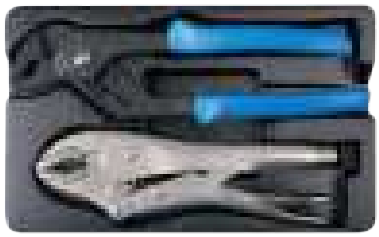

9-2548CR01

KT NO.		Contents	kg 1.28	1 / 10
9-2548CR	2779-55G	2235M: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 2235S: 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 2792 2813 2221-02 2221-04	2335M: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 2335S: 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	
9-2548CR01	2769-55P			

9-40102GP

Tray category #2 (263 x 163mm)

2 PC.

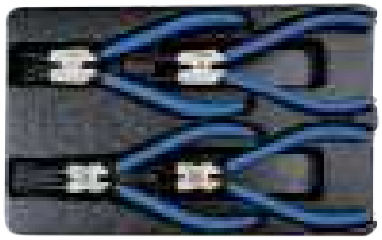


Contents	kg 1.0	1 / 10
6011-10R 6511-10		

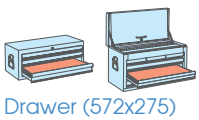
9-42114GP

Tray category #2 (263 x 163mm)

4 PC.



Contents	kg 0.6	1 / 10
68HS-07 68SS-07		
68HB-07 68SB-07		



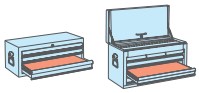
9-90128SR

Tray category #3 (554 x 260mm)

28 PC.

Contents	kg 4.8	1 / 4
5060	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 1	
5970	1/4 x 5/16, 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 3/4 x 7/8, 15/16 x 1, 1-1/16 x 1-1/8	
76105-06	7811-16	
76215-05 76217-06 76220-07 76224-10	76404-06 76406-07 76408-08	

Tool Set Content



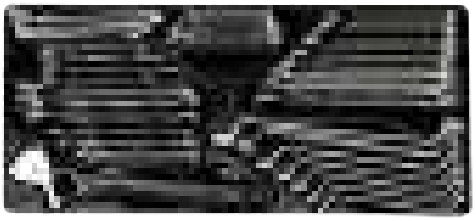
Drawer (572x275)

9-90138CR

Tray category #3 (554 x 260mm)

38 PC.

Contents		4.8 kg	1 / 4
1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21		
1900	8 x 9, 10 x 11, 12 x 13, 14 x 15, 18 x 19		
1970	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19		
1930	10 x 11, 12 x 14, 14 x 17		
5900	1/4 x 5/16, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 11/16 x 3/4, 13/16 x 7/8		
3611P	8, 12		

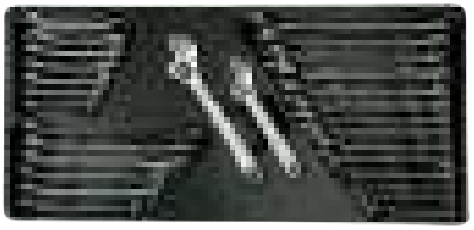


9-90329CR

Tray category #3 (554 x 260mm)

29 PC.

Contents		3.37 kg	1 / 4
1060	6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21		
5060	7/16, 1/2, 9/16, 5/8, 11/16, 3/4		
10D0	10, 12, 13, 14, 17, 18, 19		
3611R	6, 8		



9-90129CR

Tray category #3 (554 x 260mm)

29 PC.

Contents		2.5 kg	1 / 4
1421	PH0 x 60, PH1 x 80, PH2 x 38, PH2 x 100, PH3 x 150		
1422	3 x 75, 6.5 x 38, 6.5 x 100, 6.5 x 150, 8 x 175		
1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8		
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		
6111-07	6231-07		
6311-06			

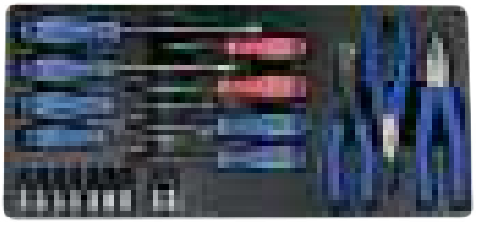
9-90220MR

9-90220MR01

Tray category #3 (554 x 260mm)

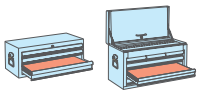
20 PC.

9-90220MR

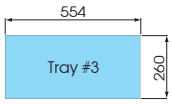

9-90220MR01

KT NO.			Contents		2.51 kg	1 / 4
9-90220MR	14280204 14240204	3025 3023	H3, H4, H5, H6, H8, H10, H12 T30, T40	1421 1422	PH1x80, PH2x100 4x100, 5.5x125, 6.5x150, 8x175	
9-90220MR01	14232004 14232504	6111-08	6231-08	6311-08		

Tool Set Content



Drawer (572x275)



9-90154CR

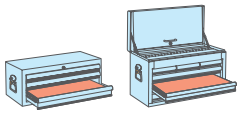
9-90154CR01

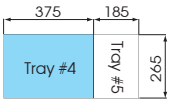
Tray category #3 (554 x 260mm)

KT NO.	PC.	Contents
9-90154CR	54	1032CQ01
9-90154CR01	53	1032CQ

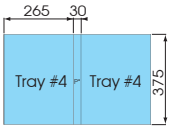
2.86 | 1 / 4

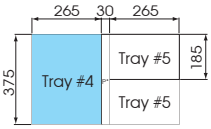
- 1130MR — H2.5, H3, H4, H5, H6, H8, H10
- 1130SR — 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8
- 7811-16
- 74030
- 76717-05
- 761 Ø 4 x 120
- 764 Ø 3 x 125, Ø 4 x 150, Ø 5 x 165





Drawer (572x275)





Drawer (579x380)

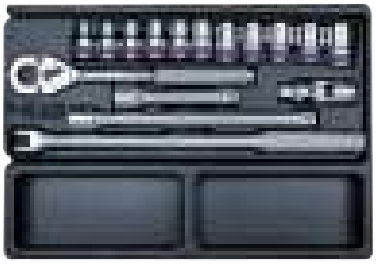
9-4516MR

Tray category #4 (375 x 265mm)

Contents

3.12 | 1 / 10

- 4335MR — 8, 10, 11, 12, 13, 14, 17, 19, 21, 23, 24
- 4791R
- 4768-10F
- 4452-15FR
- 4251-05R
- 4251-10R



16 PC.

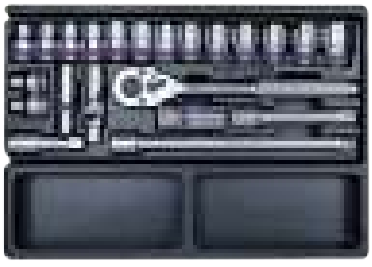
9-4522MR

Tray category #4 (375 x 265mm)

Contents

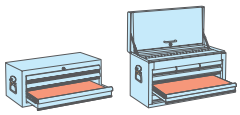
2.96 | 1 / 10

- 4335MR — 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24
- 463521R
- 463516R
- 4791R
- 4768-10F
- 4251-03R, 4251-05R, 4251-10R

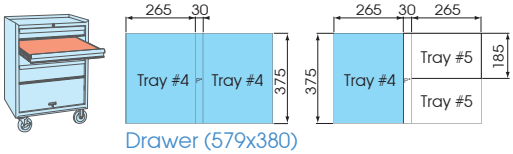


22 PC.

Tool Set Content



Drawer (572x275)



Drawer (579x380)

9-3523MR

9-3023MR01

Tray category #4 (375 x 265mm)

22 PC.

9-3523MR

9-3023MR01

KT NO. | Contents | 1.38 | 1 / 10

KT NO.		Contents				
9-3523MR	3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22	3769-08F	3221-03 3221-06	3452-08F	
9-3023MR01	3330M		3769-08P	3792	3571-08	

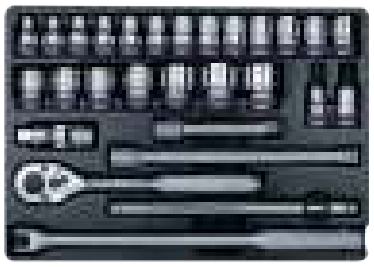
9-4328MR

Tray category #4 (375 x 265mm)

Contents | 4.6 | 1 / 6

4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 29, 32			
4027	T55H, T60H			
4791R	4768-10F	4452-15FR		
4572-10	4251-05R 4251-10R			

28 PC.



9-4333MR

9-4333MR03

Tray category #4 (375 x 265mm)

33 PC.

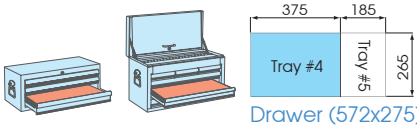
9-4333MR

9-4333MR03

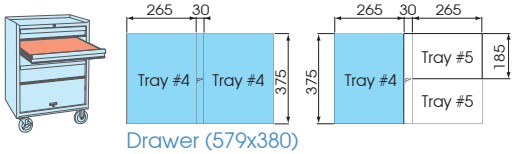
KT NO. | Contents | 5.4 | 1 / 6

KT NO.		Contents					
9-4333MR	4755-10G	4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32				
9-4333MR03	4779-10GR	463521R	463516R	4791R	4572-12	4452-15FR	4251-03R 4251-05R 4251-10R

Tool Set Content



Drawer (572x275)

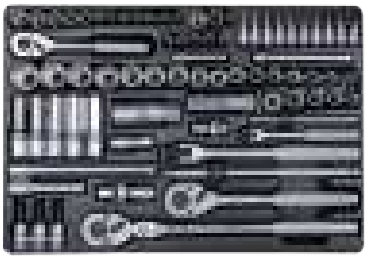


Drawer (579x380)

9-5575MR

Tray category #4 (375 x 265mm)

Contents			4.15	1 / 6
○		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
○		2335S	1/4, 3/8, 1/2	
○		3235M	8, 10, 12, 14, 17	
○		3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22	
✪		2375M	E4, E5, E6, E7, E8	
✪		3375M	E10, E12, E14, E16, E18	
✪		2037	T10H, T15H, T20H, T25H, T27H, T30H	
✪		2033	T20, T25, T30, T40	
✪		3027	T40H, T45H, T50H	



75 PC.

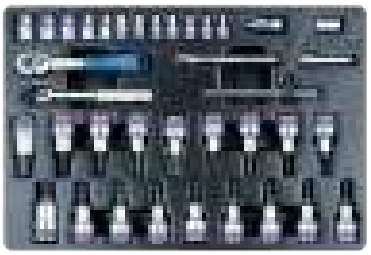
Contents

366516 366521 3221-16
2769-55F 3769-08F 3781-11F
2221-02 2221-04 3221-03 3221-06 2571-45
2452-05F 3452-08F 3571-08
2792 3792

9-7537MR

Tray category #4 (375 x 265mm)

Contents			2.28	1 / 6
○		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
✪		4023	T20, T25, T27, T30, T40, T45, T50, T55, T60	
⬢		4025	H3, H4, H5, H6, H7, H8, H10, H12, H14	
		2779-55G	2571-45	2792
		2452-05F	2221-02 2221-04	2141

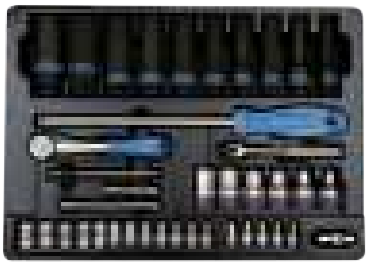


37 PC.

9-7540MR

Tray category #4 (375 x 265mm)

Contents			3.50	1 / 5
○		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
✪		2375M	E4, E5, E6, E7, E8	
✪		4375M	E10, E12, E14, E16, E18, E20	
○		4435M	10, 11, 12, 13, 14, 17, 19, 21, 22, 24	
		2792	2755-55G	2571-45
		2221-02 2221-04	2177DF	2452-05F

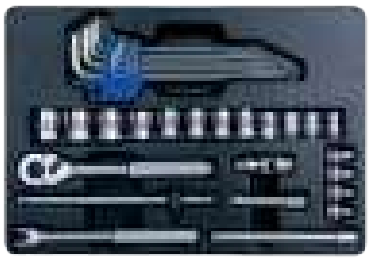


40 PC.

9-93523MR

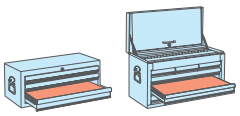
Tray category #4 (375 x 265mm)

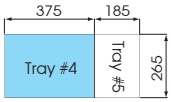
Contents			2.63	1 / 6
○		3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22	
⬢		1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	
3792	3769-08F	3452-08F	3571-08	3221-03 3221-06



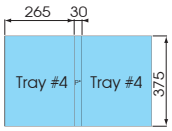
31 PC.

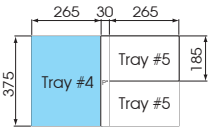
Tool Set Content





Drawer (572x275)





Drawer (579x380)

9-90131MR

Tray category #4 (375 x 265mm)

Contents		3.1	1 / 10
4033	T20, T25, T27, T30, T40, T45, T50, T55, T60		
4035	H4, H5, H6, H7, H8, H10, H12, H14, H17		
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		
1930	10 x 11, 12 x 14, 14 x 17		
3204 (Ø 60 ~ 140)			

31 PC.

9-1205MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	2.70	1 / 6
1060	27, 28, 29, 30, 32		

5 PC.

9-1216MR 9-1216MR01 9-1216MR03

Tray category #4 (375 x 265mm)

KT NO.	Contents	3.20	1 / 6
9-1216MR	1060	6, 8, 10, 12, 13, 14, 16, 17, 19, 21, 22, 24, 26, 27, 29, 32	
9-1216MR01		6, 8, 10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	
9-1216MR03		8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32	

16 PC.

9-1218MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	2.12	1 / 6
1060	6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24		
1930	8 x 10, 9 x 11		

18 PC.

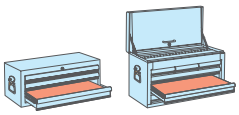
9-1219MR01

Tray category #4 (375 x 265mm)

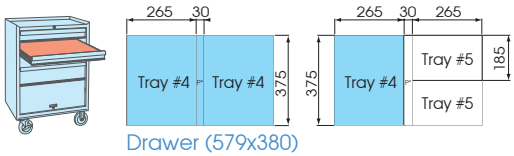
KT NO.	Contents	2.25	1 / 6
1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24		

19 PC.

Tool Set Content



Drawer (572x275)



Drawer (579x380)

9-1272MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	1.45	1 / 5
1067	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22		

12 PC.

9-1282MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	1.05	1 / 10
10D0	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		

12 PC.

9-1608MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	1.5	1 / 6
1960	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22		

8 PC.

9-1609MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	1.93	1 / 6
1960	8 x 9, 10 x 12, 11 x 13, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 22 x 24, 23 x 26		

9 PC.

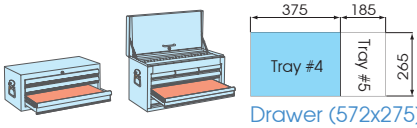
9-1709MR

Tray category #4 (375 x 265mm)

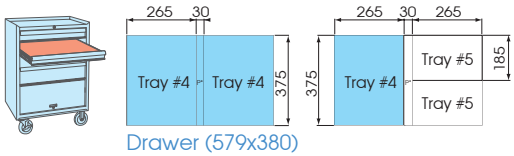
KT NO.	Contents	2.38	1 / 6
1970	8 x 9, 10 x 12, 11 x 13, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 22 x 24, 23 x 26		

9 PC.

Tool Set Content



Drawer (572x275)



Drawer (579x380)

9-1711MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	2.80	1 / 6
1970	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 30 x 32		

11 PC.

9-90315MR

Tray category #4 (375 x 265mm)

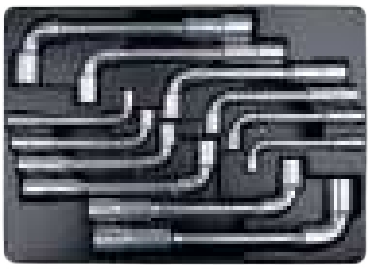
KT NO.	Contents	2.6	1 / 6
1900	8 x 10, 10 x 12, 12 x 14, 14 x 17, 17 x 19, 21 x 23, 22 x 24		
1970	8 x 10, 10 x 12, 12 x 14, 14 x 17, 17 x 19, 21 x 23, 22 x 24		
79093-05C			

15 PC.

9-1812MR 9-1912MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	3.69	1 / 6
9-1812MR	○ 1080	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24	
9-1912MR	○ 1081		

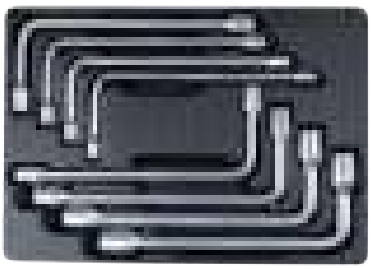


12 PC.

9-1838MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	2.57	1 / 6
○ 1084	8, 10, 11, 12, 13, 15, 17, 19		



8 PC.

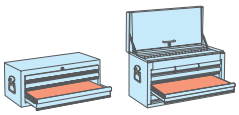
9-1905MR

Tray category #4 (375 x 265mm)

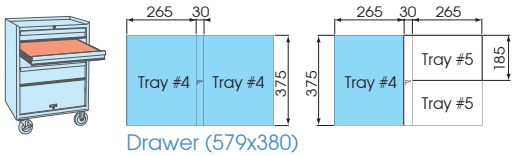
KT NO.	Contents	0.82	1 / 10
1950	10 x 12, 11 x 13, 14 x 17, 16 x 18, 19 x 22		

5 PC.

Tool Set Content



Drawer (572x275)

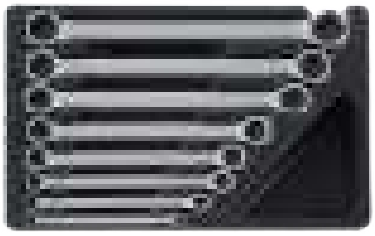


Drawer (579x380)

9-1C08MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	0.91	1 / 10
19C0	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22		



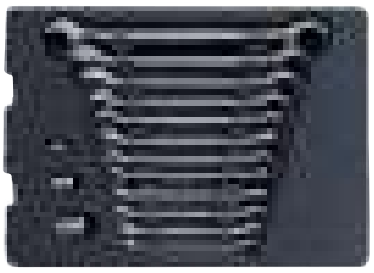
8 PC.

9-10115MR

9-10215MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	1.9	1 / 10
9-10115MR	3731M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	373202R
9-10215MR	3732M		373203R
			373204R



15 PC.

9-12120MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	1.27	1 / 6
3731M	8, 10, 12, 13, 14, 15, 17, 19		
373204R	373203R		

10 PC.

9-90109MN

Tray category #4 (375 x 265mm)

KT NO.	Contents	2.28	1 / 6
1970	8x10, 10x12, 11x13, 12x14, 14x17, 17x19		
6011-10N	3611-12R		

8 PC.

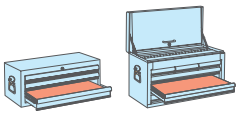
9-91120MR

Tray category #4 (375 x 265mm)

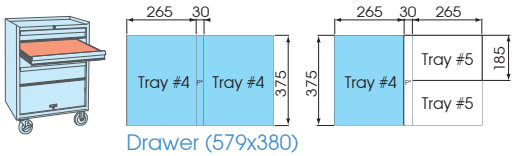
KT NO.	Contents	2.40	1 / 6
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		
1930	8x10, 10x12, 11x13, 14x17		
3731M	8, 10, 12, 13, 14		
6011-10N	3611-12R		

20 PC.

Tool Set Content



Drawer (572x275)



Drawer (579x380)

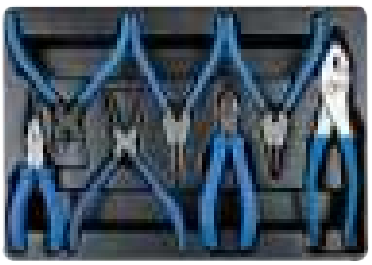
9-40207GP

9-40207GP01

Tray category #4 (375 x 265mm)

7 PC.

9-40207GP

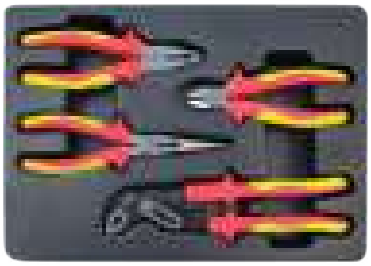

9-40207GP01

KT NO.	Contents							kg		
9-40207GP	6111-08	6211-06	6311-06	68HS-07	68HB-07	68SS-07	68SB-07	1.5	1 / 10	
9-40207GP01	6463-08C	6211-06	6311-06	67HS-07	67HB-07	67SS-07	67SB-07		1 / 6	

9-40604GP

Tray category #4 (375 x 265mm)

4 PC.



Contents		kg		
6116-07A	6216-06A	1.98	1 / 6	
6318-08A	6516-10A			

9-42144GP

Tray category #4 (375 x 265mm)

4 PC.

Contents		kg		
6011-10N	6111-08	1.63	1 / 8	
6211-06	6311-06			

9-90205GN

9-90205GN01

Tray category #4 (375 x 265mm)

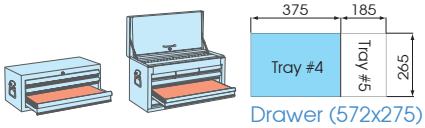
5 PC.

9-90205GN

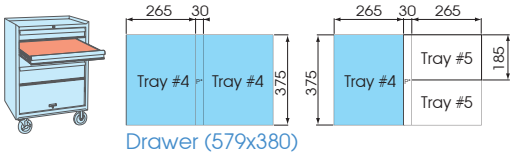
9-90205GN01

Contents						kg		
9-90205GN	6313-06	6011-10N	6111-07	6463-08C	74410	1.98	1 / 6	
9-90205GN01	6311-06							

Tool Set Content



Drawer (572x275)



Drawer (579x380)

9-90103PP | 9-90103PP01 | 9-90103PP02

Tray category #4 (375 x 265mm)

3 PC.

9-90103PP

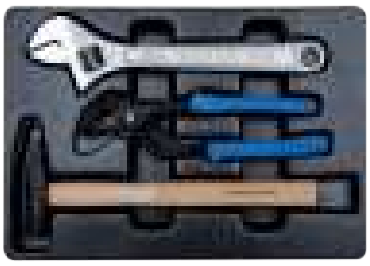
9-90103PP01

9-90103PP02

KT NO.	Contents			kg	
9-90103PP 9-90103PP01 9-90103PP02	3611-12P	6511-10	7821-30 7811-16 7821-80	2.3 2.51	1 / 5 1 / 10

9-90103RR

Tray category #4 (375 x 265mm)



3 PC.

Contents | kg 2.3 | 1 / 5

3611-12R

6511-10

7821-30

9-90106SR

Tray category #4 (375 x 265mm)

6 PC.

Contents | kg 2.05 | 1 / 4

76404-06
76405-65
76406-07

76105-06

7822-30

7842-35

9-22108MR

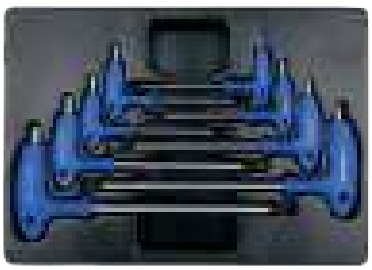
Tray category #4 (375 x 265mm)

8 PC.

KT NO.	Contents	kg 1.10	1 / 10
	1160MR	H2, H2.5, H3, H4, H5, H6, H8, H10	

9-22308PR

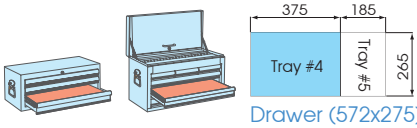
Tray category #4 (375 x 265mm)



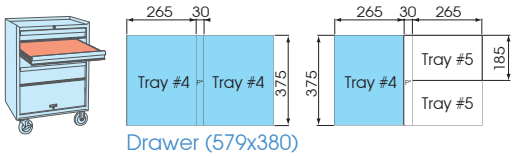
8 PC.

KT NO.	Contents	kg 1.10	1 / 10
	1163R	T10H, T15H, T20H, T25H, T30H, T40H, T45H, T50H	

Tool Set Content



Drawer (572x275)

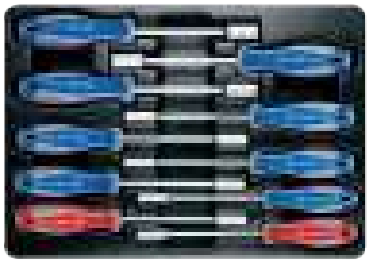


Drawer (579x380)

9-30110CR

Tray category #4 (375 x 265mm)

KT NO.	Contents	1.4 kg	1 / 6
1450	6, 7, 8, 9, 10, 11, 12, 13		
5450	1/4, 5/16		

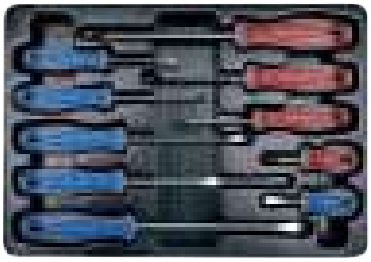


10 PC.

9-31110MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	1.0 kg	1 / 10
1421	PH1 x 80, PH2 x 38, PH2 x 100, PH3 x 150		
1422	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 38, 6.5 x 150, 8 x 175		

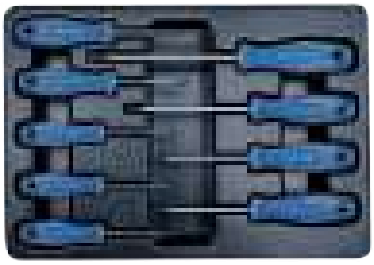


10 PC.

9-31909PR

Tray category #4 (375 x 265mm)

KT NO.	Contents	0.65 kg	1 / 6
1427	T8H x 75, T9H x 75, T10H x 75, T15Hx 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150		



9 PC.

9-90310MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	1.08 kg	1 / 6
1411	PH1 x 100, PH2 x 100, PH3 x 150		
1412	5.5 x 100, 6.5 x 100, 8.0 x 150		
76220-07	9CJ2120	14324003	24110214

10 PC.

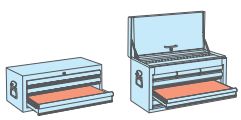
9-34128FR

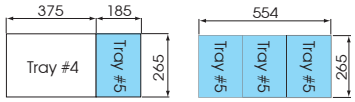
Tray category #4 (375 x 265mm)

Contents	1.98 kg	1 / 6
1836P	PH2, PH3	
1836S	9, 11	
1880P	PH2, PH3	
1880S	8, 10	
1930	8 x 10, 11 x13, 12 x 14	
4112	414810S	3204

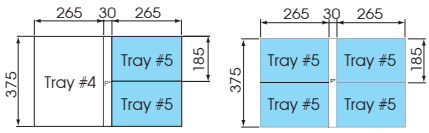
14 PC.

Tool Set Content





Drawer (579x270)

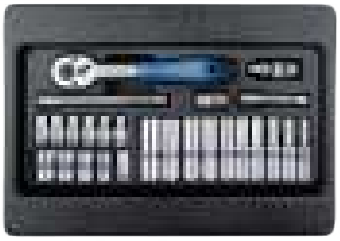


Drawer (579x380)

9-2526MR

Tray category #5 (265 x 185mm)

Contents			0.90	1 / 10
	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13		
	2235M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 13		
	2779-55G	2813		
	2221-02 2221-04	2792		

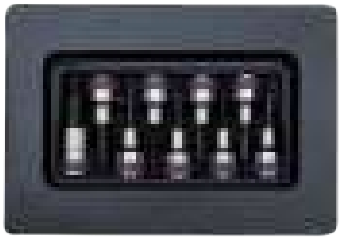


26 PC.

9-4119PR

Tray category #5 (265 x 185mm)

Contents			1.10	1 / 10
	4033	T20, T25, T27, T30, T40, T45, T50, T55, T60		

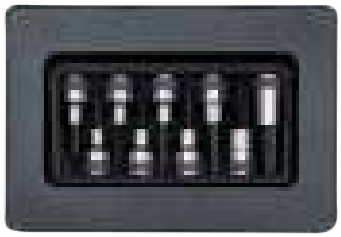


9 PC.

9-4120PR

Tray category #5 (265 x 185mm)

Contents			1.30	1 / 10
	4035	H4, H5, H6, H7, H8, H10, H12, H14, H17		



9 PC.

9-91026PR

Tray category #5 (265 x 185mm)

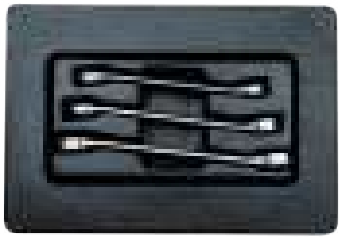
Contents			1.3	1 / 10
	1143R	T10, T15, T20, T25, T27, T30, T40, T45, T50		
	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H		
	4023	T30, T40, T45, T50, T55		
	4375M	E10, E12, E14, E16, E18		

26 PC.

9-1303MR

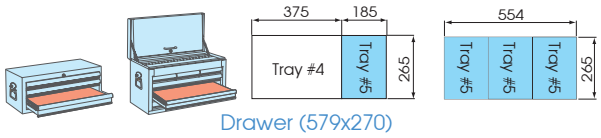
Tray category #5 (265 x 185mm)

KT NO.	Contents		0.50	1 / 10
	1930	10 x 11, 12 x 14, 14 x 17		

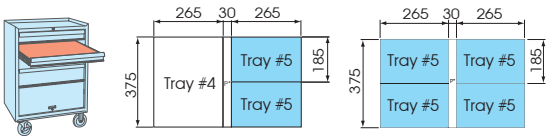


3 PC.

Tool Set Content



Drawer (579x270)



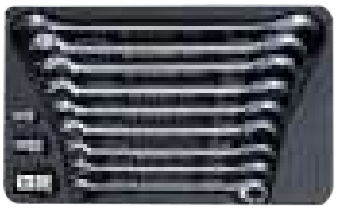
Drawer (579x380)

9-10112MR

9-10212MR

Tray category #5 (265 x 185mm)

KT NO.		Contents	1.22	1 / 10
9-10112MR	3731M	10, 11, 12, 13, 14, 15, 16, 17, 19	373202R	
9-10212MR	3732M		373203R	
			373204R	

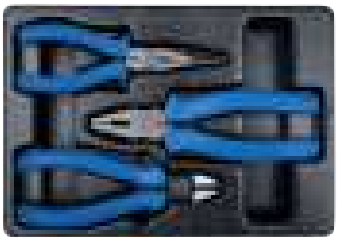


12 PC.

9-40103GP

Tray category #5 (265 x 185mm)

Contents	0.83	1 / 10
6111-07	6211-06	
6311-06		

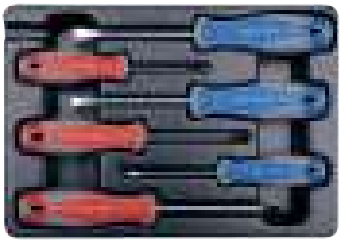


3 PC.

9-31106MR

Tray category #5 (265 x 185mm)

KT NO.	Contents	0.60	1 / 10
1421	PH0 x 60, PH1 x 80, PH2 x 100		
1422	3 x 75, 5.5 x 100, 6.5 x 150		

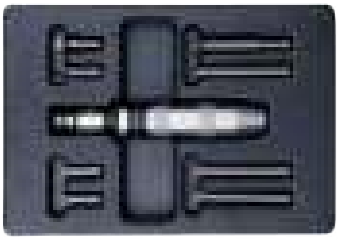


6 PC.

9-4128FR

Tray category #5 (265 x 185mm)

Contents	1.70	1 / 10
1836P	PH2, PH3	
1836S	9, 11	
1880P	PH2, PH3	
1880S	8, 10	
4112	414810S	



10 PC.

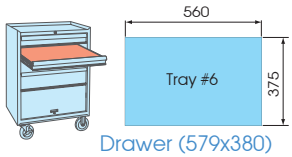
9-20110MR

Tray category #5 (265 x 185mm)

KT NO.	Contents	1.10	1 / 10
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		
	3204 (Ø 60 ~ 140)		

10 PC.

Tool Set Content

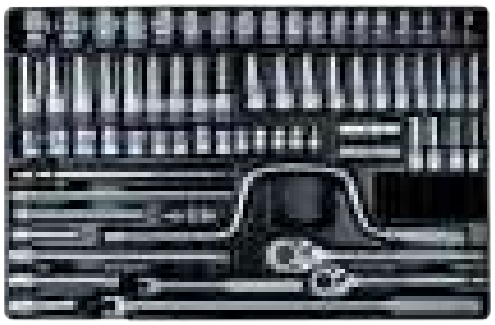


Drawer (579x380)

9-7576MR

Tray category #6 (560 x 375mm)

Contents						7.69	1 / 3
3335M	8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22, 24						
3235M	8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24						
4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32						
4235M	10, 12, 13, 14, 17, 19, 21, 22, 24						
9TD403	12, 13, 14, 17, 19						
321510M 321512M		366516 366521		3792			
3452-08F		3769-08P		4311-16F			
4768-10P		4452-18FR		4573-10			



76 PC.

Contents

4251-03R 4251-05R 4251-10R	3221-03 3221-06 3221-10

9-94435MP

Tray category #6 (560 x 375mm)

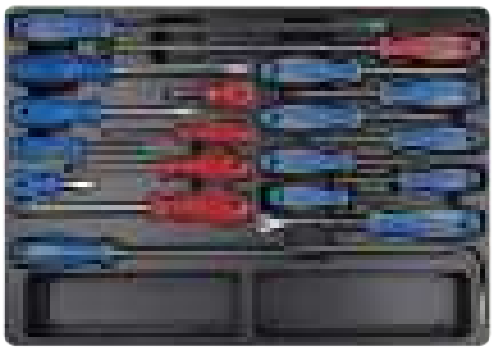
Contents						6.49	1 / 3
4435M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 24, 26, 29, 32						
4535M	10, 12, 13, 14, 17, 19, 21, 24						
4415M	17, 19, 21, 22						
4797P		68SS-07		68HS-07			
6011-10R		6211-06		6311-08			
6463-08C		74030					

35 PC.

9-31919MR

Tray category #6 (560 x 375mm)

Contents						2.67	1 / 5
1411	PH0 x 75, PH2 x 38						
1412	3 x 75, 6.5 x 38						
1421	PH2 x 300						
1422	6.5 x 300						
1481	PH2 x 100, PH3 x 150						
1482	6.5 x 100, 8 x150						
1427	T8H x 75, T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125						
43280212		2121-18					



19 PC.

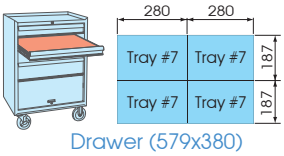
9-90408TQ

Tray category #6 (560 x 375mm)

Contents						2.06	1 / 5
75102-08G		75202-08G					
75302-08G		75402-08G					
75502-08G		79063-12					
79093-05C		7911-12					

8 PC.

Tool Set Content



Drawer (579x380)

9-4057MR

Tray category #7 (280 x 187mm)

Contents		2.99	1 / 4
○	4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 36	

27 PC.

9-4557MR

Tray category #7 (280 x 187mm)

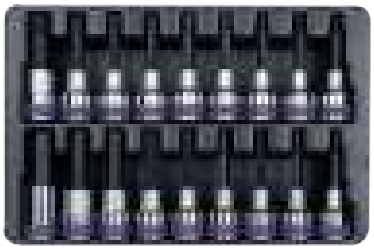
Contents		2.99	1 / 4
○	4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 36	

27 PC.

9-4138PR

Tray category #7 (280 x 187mm)

Contents		1.9	1 / 10
✪	4033	T20, T25, T27, T30, T40, T45, T50, T55, T60	
●	4035	H4, H5, H6, H7, H8, H10, H12, H14, H17	

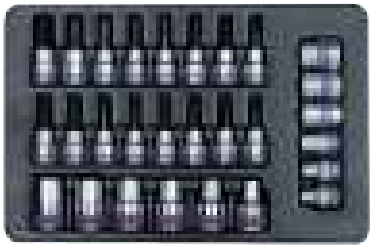


18 PC.

9-7128PR

Tray category #7 (280 x 187mm)

Contents		1.20	1 / 10
●	3025	H3, H4, H5, H6, H7, H8, H10, H12	
✪	3023	T15, T20, T25, T27, T30, T40, T45, T50	
✪	3375M	E8, E10, E12, E14, E16, E18	
✪	4375M	E10, E12, E14, E16, E18, E20	



28 PC.

9-4427MP

Tray category #7 (280 x 187mm)

Contents		4.09	1 / 4
○	4535M	8, 9, 10, 11, 12, 13, 14, 15,16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 36	

27 PC.

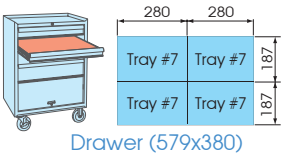
9-4827MP

Tray category #7 (280 x 187mm)

Contents		4.09	1 / 4
○	4530M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 36	

27 PC.

Tool Set Content



Drawer (579x380)

9-12C7MR new

Tray category #7 (280 x 187mm)

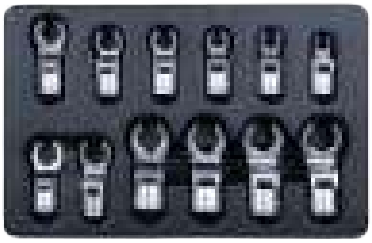
Contents	0.78	1 / 10
1061	8, 10, 11, 13, 14, 17, 19	

7 PC.

9-3612MR

Tray category #7 (280 x 187mm)

Contents	1.27	1 / 10
3351MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	



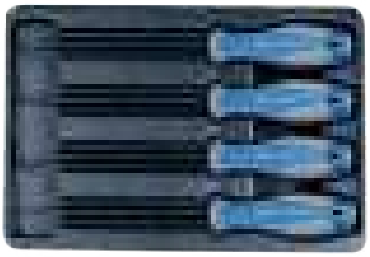
12 PC.

9-30904AY

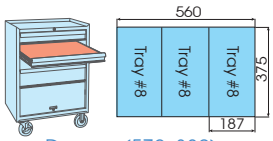
Tray category #7 (280 x 187mm)

- Use for scribing, aligning, installing and removing O rings, seals and washers stainless.

Contents	0.43	1 / 8
43250115Y	43270115Y	
43260115Y	43290115Y	



4 PC.



Drawer (579x380)

9-12110MR

Tray category #8 (375 x 187mm)

Contents	1.89	1 / 12
3731M	8, 10, 12, 13, 14, 17, 19, 21, 22, 24	

10 PC.

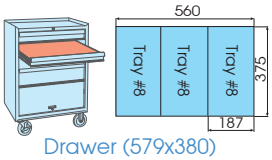
9-90114MR

Tray category #8 (375 x 187mm)

Contents	1.75	1 / 12
1930	8x10, 10x11, 12x14, 14x17, 17x19	
1060	8, 10, 12, 14, 17, 19, 21, 22, 24	

14 PC.

Tool Set Content



Drawer (579x380)

9-40618GP new

Tray category #8 (375 x 187mm)

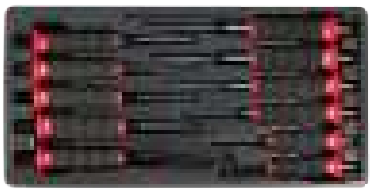
Contents		1.89	1 / 12
1471	PH1 x 100, PH2 x 100		
1472	4 x 100, 5.5 x 125		
6CB02	100~500V		
6318-08A	6116-07A	6216-06A	

8 PC.

9-1011GP

Tray category #8 (375 x 187mm)

Contents		1.15	1 / 12
761G	6x185mm		
763G	4x185mm, 5x185mm 6x185mm, 8x185mm		
764G	2x140mm, 3x150mm, 4x180mm, 5x200mm, 6x210mm, 8x220mm		



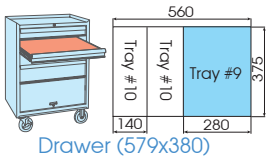
11 PC.

9-91016MR

Tray category #8 (375 x 187mm)

Contents		1.15	1 / 12
3730M	8, 10, 12, 13, 14, 17, 19		
1123R	T10, T15, T20, T25, T27, T30, T40, T45, T50		

16 PC.

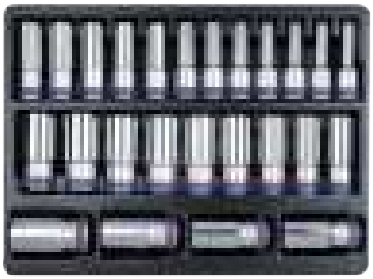


Drawer (579x380)

9-4335MR 9-4235MR

Tray category #9 (375 x 280mm)

KT NO.	Contents	5.01	1 / 2
9-4335MR	4235M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 36	
9-4235MR	4230M		



25 PC.

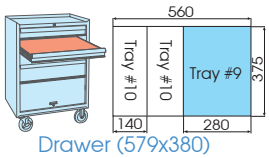
9-4435MP

Tray category #9 (375 x 280mm)

Contents		7.3	1 / 2
4435M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 36		

25 PC.

Tool Set Content



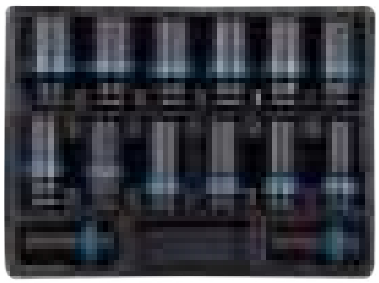
Drawer (579x380)

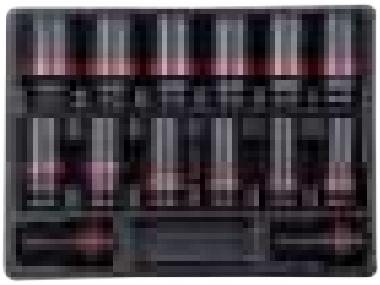
9-6414MP

9-6414SP

Tray category #9 (375 x 280mm)

14 PC.


9-6414MP


9-6414SP

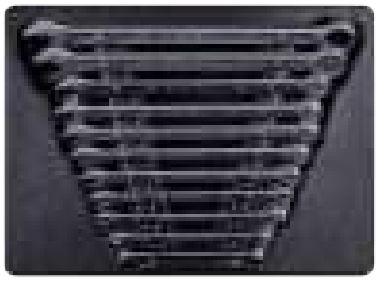
KT NO.		Contents	10.9	1 / 2
9-6414MP	6435M	19, 21, 22, 24, 26, 27, 29, 30, 32, 33, 35, 36, 38, 41		
9-6414SP	6435S	3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8		

9-12A1MR new

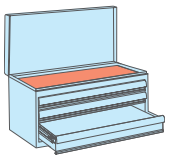
Tray category #9 (375 x 280mm)

11 PC.

Contents		1.91	1 / 4
1061	8, 10, 12, 13, 14, 16, 17, 18, 19, 22, 24		



Tool Chest Set Content



Drawer (504 x 195 mm)

9-4338MR

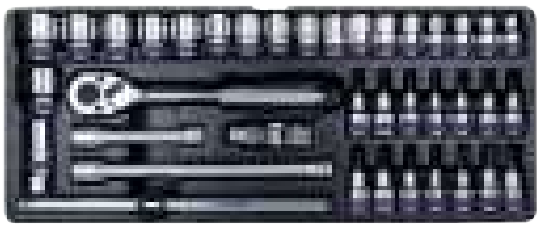
9-4338MR01

9-4338MR03

Tray category #12 (510 x 205mm)

▪ For Top drawer of 87401-2 / 87401-3 / 87401-3H P.51

38 PC.

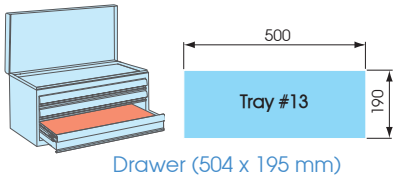

9-4338MR

9-4338MR01 / 9-4338MR03

KT NO.	Contents			5.96	1 / 5
9-4338MR	4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	4768-10F	4021 PH2, PH3	4251-05R, 4251-10R
9-4338MR01			4755-10G	4022 8, 10	4572-12
				4023 T25, T27, T30, T40	4791R
9-4338MR03		8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	4755-10G	4025 H4, H5, H6, H8, H10, H12	463521R

Tool Chest Set Content

▪ for 87401-2 / 87401-3 / 87401-3H P.51

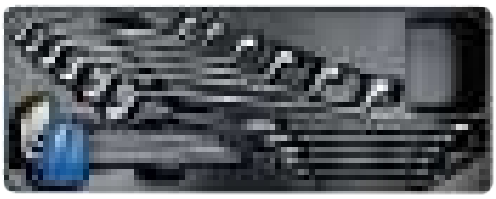


Drawer (504 x 195 mm)

9-90121MR

Tray category #13 (500 x 190mm)

Contents		kg 2.1	1 / 5
	1900	6 x 7, 8 x 10, 11 x 13, 12 x 13, 17 x 19, 22 x 24	
	1970	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19	
	1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	

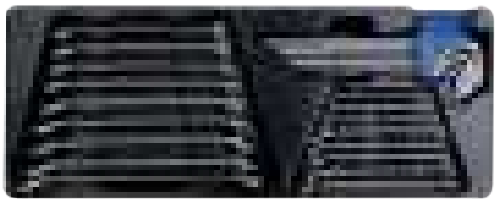


21 PC.

9-90126MR

Tray category #13 (500 x 190mm)

Contents		kg 2.38	1 / 5
	1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	
	1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	



26 PC.

9-90104GP

Tray category #13 (500 x 190mm)

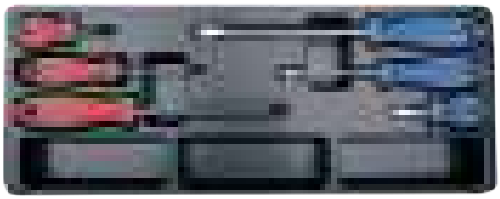
Contents	kg 1.36	1 / 5
3611-08P	6511-10	
6111-07	6311-06	

4 PC.

9-31006MR

Tray category #13 (500 x 190mm)

Contents	kg 0.74	1 / 5
1421	PH1 x 80, PH2 x 38, PH3 x 150	
1422	6.5 x 38, 5.5 x 100, 8 x 175	



6 PC.

9-90113MA

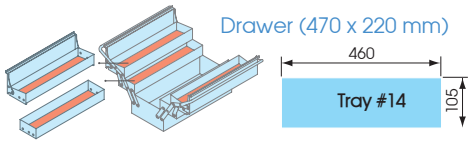
Tray category #13 (500 x 190mm)

Contents	kg 2.98	1 / 5
4023	T45	
4025	H8, H12	
402B	M16	
3204	401408M	9AE42
112005MR 112006MR	9AE2-6606 9AE2-7608 9AE2-7614 9AE2-9315	

13 PC.

Tool Box Set Content

▪ For 87402 only P.52



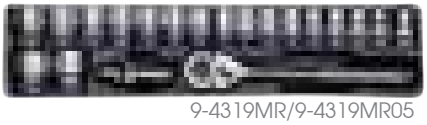
9-4219MR | 9-4219MR07 | 9-4219SR08 Tray category #14 (460 x 105mm)
9-4319MR | 9-4319MR01 | 9-4319MR02
9-4319MR05

20 PC.

9-4219MR

9-4219MR07

9-4219SR08


9-4319MR/9-4319MR05

9-4319MR02

9-4319MR01

KT NO.	Contents			
			2.5 kg	1 / 8
9-4219MR	4768-10F	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	4791R
9-4219MR07	4762-10F	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27	
9-4219SR08		4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-3/16, 1-1/4	
9-4319MR	4768-10F	4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	
9-4319MR01	4755-10G			
9-4319MR02	4779-10FR			
9-4319MR05	4768-10F		8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	

9-4116FR Tray category #14 (460 x 105mm)
9-4116FR03

6 PC.

KT NO.	Contents				
				2.2 kg	1 / 8
9-4116FR	463521R	4251-05R 4251-10R	4572-12		
9-4116FR03	463021R	4452-18FR	4223-02R		

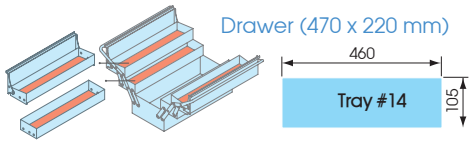
9-1606MR Tray category #14 (460 x 105mm)
9-1606MR01

6 PC.

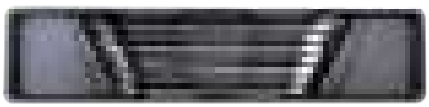
KT NO.	Contents		1.1 kg	1 / 8
9-1606MR	1960	10 x 12, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 23 x 26		
9-1606MR01		8 x 10, 10 x 12, 12 x 14, 14 x 17, 17 x 19, 22 x 24		

Tool Box Set Content

▪ For 87402 only P.52



9-1217MR Tray category #14 (460 x 105mm)



7 PC.

Contents		kg 1.5	1 / 8
1060	17, 18, 19, 20, 21, 22, 24		

9-1716MR Tray category #14 (460 x 105mm)

6 PC.

Contents		kg 1.1	1 / 8
1970	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19		

9-90115MR Tray category #14 (460 x 105mm)

15 PC.

Contents		kg 1.2	1 / 8
1900	6 x 7, 8 x 10, 11 x 13, 12 x 13, 17 x 19, 22 x 24		
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		

9-40203GP Tray category #14 (460 x 105mm)

3 PC.

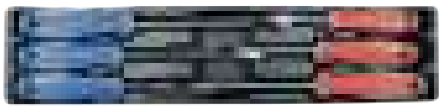
Contents		kg 0.8	1 / 8
6111-07	6211-06		
6311-06			

9-90120MR Tray category #14 (460 x 105mm)

20 PC.

Contents		kg 1.5	1 / 8
1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16		
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		

9-30106MR Tray category #14 (460 x 105mm)



6 PC.

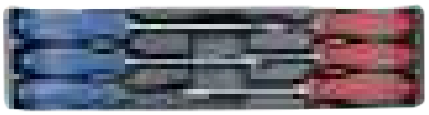
Contents		kg 0.8	1 / 8
1421	PH1 x 80, PH2 x 100, PH3 x 150		
1422	5.5 x 100, 6.5 x 150, 8 x 175		

9-90125MR Tray category #14 (460 x 105mm)

15 PC.

Contents		kg 1.2	1 / 8
1900	8 x 10 , 10 x 12 , 12 x 14 , 14 x 17 , 17 x 19 , 22 x 24		
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		

9-30206MR Tray category #14 (460 x 105mm)

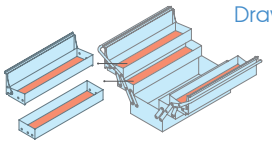


6 PC.

Contents		kg 1.18	1 / 8
1461	PH1 x 75, PH2 x 100, PH3 x 150		
1462	5.5 x 100, 6.5 x 150, 8 x 175		

Tool Box Set Content

▪ For 87408 only P.52



9-4029CR Tray category #15 (520 x 93mm)

29 PC.

Contents			2.67	1 / 5
◉	4025	H5, H6, H8, H10, H12, H14		
○	4330MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 26, 27, 28, 30, 32		
○	4330SR	7/16, 9/16, 7/8		
○	463521R			

9-4156PR Tray category #15 (520 x 93mm)

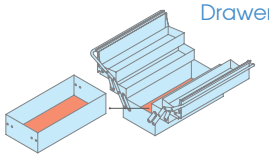
6 PC.

Contents			1.99	1 / 5
	4779-10GR	4572-12		
	4251-03R 4251-05R 4251-10R	4791R		

9-90111MR Tray category #15 (520 x 93mm)

11 PC.

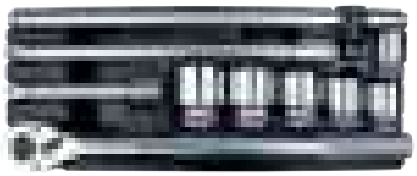
Contents			1.25	1 / 5
◉	1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		
	3611-10P	6511-10C		



9-6010MR Tray category #16 (465 x 183mm)

9-6010MR01

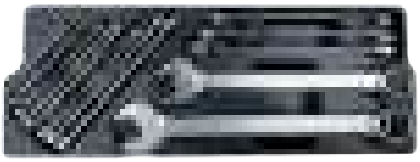
10 PC.



KT NO.	Contents				
9-6010MR	○ 6330M	33, 36, 38, 41, 46, 50	6779-20F 6251-08 6251-16 6572-20	9.70	1 / 2
9-6010MR01		30, 32, 36, 41, 46, 50		9.50	

9-1215MR03 Tray category #16 (465 x 183mm)

15 PC.



Contents			3.12	1 / 2
	1060	8, 10, 11, 12, 13, 14, 17, 18, 19, 21, 22, 24, 27, 30, 32		

HAND SOCKETS & ACCESSORIES

- 1/4" Drive
  Socket, Bit Socket, Ratchet & Accessory
- 3/8" Drive
  Socket, Bit Socket, Ratchet & Accessory
- 1/2" Drive
  Socket, Bit Socket, Ratchet & Accessory
- 3/4" Drive
  Socket, Bit Socket, Ratchet & Accessory
- 1" Drive
  Socket, Ratchet & Accessory
- Socket Set, Socket & Tool Set, Tools Bag Set

KINGTONY

Socket Made

01 Hot forge

02 Lathing

03 Marking

04 Heat treatment

05 Sand blast

06 Grinding

07 Plating

08 Rubber stripe assembly

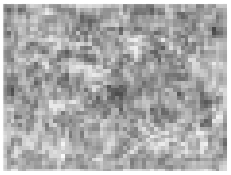
Precision forging Technology

Other brand (not good)

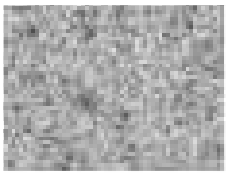
King Tony brand (good)

In forging process, metal moved while it is still in the solid state. King Tony specialized in forging technology to create better metal configuration. Non-straight grain flow and non-sharp corners can extend lifetime and durability of socket. Torque is transmitted for powerful tightening under safety.

Conventional heat treatment and microstructural



Other brand:
Over of Troostite (Zn,Mn) element will bring weak point. (not good)



King Tony brand:
Well spread (Fe) element will bring better strength. (good)

Heat treatment involves the use of heating or chilling experience and time control. King Tony controls heat treatment system to ensure the right hardness without the brittleness. From microstructural picture you can see elements are well- distributed.

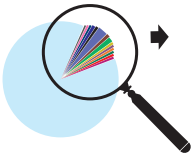
Professional production & quality control

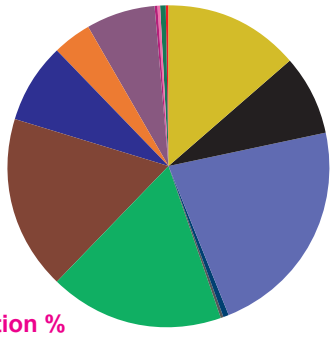
DIN 30%

KING TONY hand socket reach 30% higher than DIN international standard.

Quality control also ensure that a sufficient level of production output. King Tony uses advance technology to inspect tiny difference on each step. Our hand socket, ratchet, extension bar, and power handle is 30% higher than international DIN standards. Impact socket reach 50% higher torque than DIN standards.

Finest material for tools



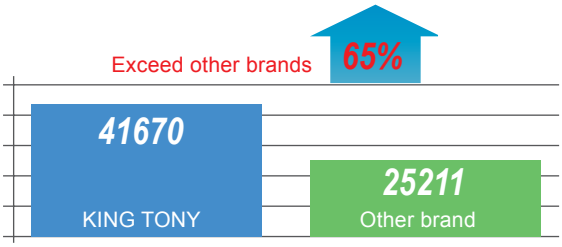


Element composition %

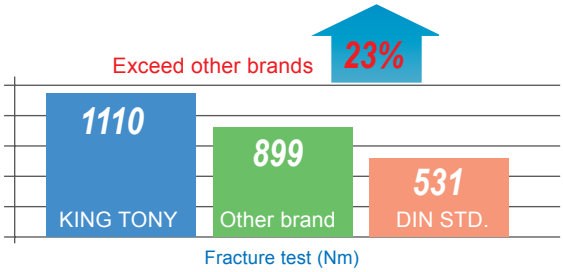
Fe 97.1025%	Mo 0.2325%	P 0.0125%
Mn 0.6485%	Si 0.2301%	S 0.0104%
Ni 0.5089%	Cu 0.1970%	Co 0.0092%
Cr 0.5058%	V 0.1130%	W 0.0088%
C 0.4000%	Al 0.0196%	B 0.0012%

Tools are made to extend hand work. King Tony selects different material depends on its difference of nature for tightening, power impacting, cutting, rotating, and locking. Choose qualified material to meet required lifetime for professional use and consumption.

Extremely hard-wearing performance



Fatigue test (times)



Fracture test (Nm)

1/2DR. 19mm hand socket (433519MR)

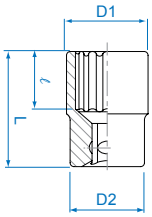
King Tony offers reliable tools for professional users, strictly controls its quality to ensure achievement of required performance. From "fracture & fatigue test", you will know the difference we have when compare to others.

Standard Socket

KT No. & D1

2330M 2330S 1/4"

- Metric-DIN 3124, ISO 2725-1
- Inch-ANSI/ASME B107.1

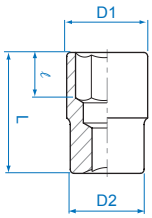


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
233004M	4	6.8	11.8	4	24	10	20 / 600
233045M	4.5	7.4	11.8	5	24	10	20 / 600
233005M	5	8.0	11.8	6	24	11	20 / 600
233055M	5.5	8.7	11.8	6	24	11	20 / 600
233006M	6	9.2	11.8	7	24	11	20 / 600
233007M	7	10.3	11.8	7	24	11	20 / 600
233008M	8	11.4	11.8	8	24	11	20 / 600
233009M	9	12.8	12.0	8	24	15	20 / 600
233010M	10	14.3	13.0	9	24	14	12 / 360
233011M	11	15.8	14.2	9	24	20	12 / 360
233012M	12	16.8	15.5	9	24	22	12 / 360
233013M	13	17.8	16.5	9	24	24	12 / 360
233014M	14	19.6	18.5	9	24	30	10 / 300

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
233005S	5/32	6.8	11.8	4	24	10	20 / 600
233006S	3/16	7.9	11.8	6	24	10	20 / 600
233007S	7/32	8.7	11.8	6	24	11	20 / 600
233008S	1/4	9.5	11.8	7	24	11	20 / 600
233009S	9/32	10.3	11.8	7	24	11	20 / 600
233010S	5/16	11.4	11.8	8	24	11	20 / 600
233011S	11/32	13.7	12.2	8	24	13	20 / 600
233012S	3/8	14.2	13.0	8	24	14	12 / 360
233014S	7/16	15.8	14.2	9	24	19	12 / 360
233015S	15/32	16.8	15.5	9	24	22	12 / 360
233016S	1/2	17.6	16.5	9	24	24	12 / 360

2335M 2335S 1/4"

- Metric-DIN 3124, ISO 2725-1
- Inch-ANSI/ASME B107.1



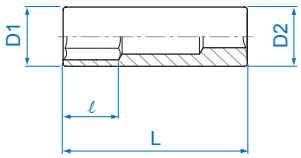
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
233532M	3.2	5.7	11.8	3.5	24	9	20 / 600
233504M	4	6.8	11.8	4	24	10	20 / 600
233545M	4.5	7.4	11.8	5	24	10	20 / 600
233505M	5	8.0	11.8	6	24	11	20 / 600
233555M	5.5	8.7	11.8	6	24	11	20 / 600
233506M	6	9.2	11.8	7	24	11	20 / 600
233507M	7	10.3	11.8	7	24	11	20 / 600
233508M	8	11.4	11.8	8	24	11	20 / 600
233509M	9	12.8	12.0	8	24	15	20 / 600
233510M	10	14.3	13.0	9	24	14	12 / 360
233511M	11	15.8	14.2	9	24	20	12 / 360
233512M	12	16.8	15.5	9	24	22	12 / 360
233513M	13	17.8	16.5	9	24	24	12 / 360
233514M	14	19.6	18.5	9	24	30	10 / 300
233515M	15	20.9	19.3	12	24	40	10 / 300

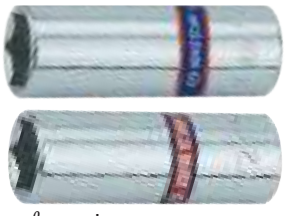
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
233505S	5/32	6.8	11.8	4	24	10	20 / 600
233506S	3/16	7.9	11.8	6	24	10	20 / 600
233507S	7/32	8.7	11.8	6	24	11	20 / 600
233508S	1/4	9.5	11.8	7	24	11	20 / 600
233509S	9/32	10.3	11.8	7	24	11	20 / 600
233510S	5/16	11.4	11.8	8	24	11	20 / 600
233511S	11/32	13.7	12.2	8	24	13	20 / 600
233512S	3/8	14.2	13.0	8	24	14	12 / 360
233514S	7/16	15.8	14.2	9	24	19	12 / 360
233515S	15/32	16.8	15.5	9	24	22	12 / 360
233516S	1/2	17.6	16.5	9	24	24	12 / 360
233518S	9/16	19.6	18.5	9	24	25.2	10 / 300

Deep Socket

2235M 1/4"

- DIN 3124, ISO 2725-1





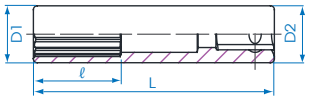
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
223504M	4	6.8	11.8	6	50	20	20 / 320
223545M	4.5	7.4	11.8	7	50	21	20 / 320
223505M	5	8.0	11.8	7	50	21	20 / 320
223555M	5.5	8.7	11.8	9	50	21	20 / 320
223506M	6	9.2	11.8	9	50	23	20 / 320
223507M	7	10.3	11.8	15	50	23	20 / 320
223508M	8	11.8	11.8	15	50	24	20 / 320
223509M	9	13.0	13.0	15	50	29	15 / 240
223510M	10	14.5	14.5	15	50	38	15 / 240
223511M	11	15.8	15.8	21	50	44	15 / 240
223512M	12	16.8	16.8	21	50	53	15 / 240
223513M	13	17.8	17.8	21	50	51	15 / 240
223514M	14	19.8	19.8	21	50	68	15 / 240
223515M	15	20.9	20.9	25	50	79	12 / 240

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
223505S	5/32	6.8	11.8	6	50	24	20 / 320
223506S	3/16	7.9	11.8	7	50	24	20 / 320
223507S	7/32	8.7	11.8	9	50	25	20 / 320
223508S	1/4	9.5	11.8	9	50	25	20 / 320
223509S	9/32	10.3	11.8	15	50	25	20 / 320
223510S	5/16	11.8	11.8	15	50	24	20 / 320
223511S	11/32	13.0	13.0	15	50	31	15 / 240
223512S	3/8	14.5	14.5	15	50	34	15 / 240
223514S	7/16	15.8	15.8	21	50	46	15 / 240
223516S	1/2	17.6	17.6	21	50	56	15 / 300
223518S	9/16	19.6	19.6	21	50	52.2	15 / 270

Deep Socket

2230M 1/4"

- DIN 3124, ISO 2725-1

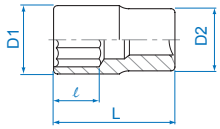


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs / box
223004M	4	6.8	11.8	6	50	20	20 / 320
223045M	4.5	7.4	11.8	7	50	21	20 / 320
223005M	5	8.0	11.8	7	50	21	20 / 320
223055M	5.5	8.7	11.8	9	50	22	20 / 320
223006M	6	9.2	11.8	9	50	22	20 / 320
223007M	7	10.3	11.8	15	50	22	20 / 320
223008M	8	11.8	11.8	15	50	24	20 / 320
223009M	9	13.0	13.0	15	50	30	15 / 240
223010M	10	14.5	14.5	15	50	38	15 / 240
223011M	11	15.8	15.8	21	50	44	15 / 240
223012M	12	16.8	16.8	21	50	53	15 / 240
223013M	13	17.8	17.8	21	50	51	15 / 240
223014M	14	19.8	19.8	21	50	67	15 / 240

Double Square Socket

2310M 2310S 1/4"

- Metric-DIN 3120
- Inch-ANSI / ASME B107.1

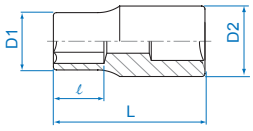


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs / box
231008M	8	14.3	13.0	9	24	14	12 / 360
231010M	10	17.6	16.5	9	24	14	12 / 360
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	pcs / box
231010S	5/16	14.3	13.0	9	24	14	12 / 360
231012S	3/8	17.6	16.5	9	24	14	12 / 360

Star Socket

2375M 1/4"

- DIN 3120



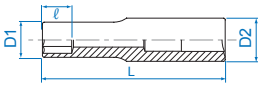
KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	pcs / box
237504M	E4	6.0	11.8	3.6	24	13	20 / 600
237505M	E5	7.0	11.8	4.0	24	13	20 / 600
237506M	E6	8.0	11.8	6.0	24	13	20 / 600
237507M	E7	8.5	11.8	7.0	24	13	20 / 600
237508M	E8	9.8	11.8	8.0	24	13	20 / 600
237510M	E10	11.8	11.8	9.0	24	13	20 / 600

Star Socket

KT No. & D1

2275M 1/4"

- DIN 3120



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	pcs / box
227504M	E4	6.0	11.8	3.6	50	22	20 / 320
227505M	E5	7.0	11.8	4.0	50	22	20 / 320
227506M	E6	8.0	11.8	6.0	50	23	20 / 320
227507M	E7	8.5	11.8	7.0	50	24	20 / 320
227508M	E8	9.8	11.8	8.0	50	26	20 / 320

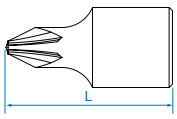
Bit Socket

CAUTION

In order to get normal life of bit socket, always use within limited torque to bit.

2011X 1/4"

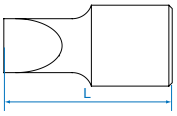
- Phillips head
- DIN ISO 8764-1



KT NO.	No.	L mm	g	pcs / box
201101X	PH1	25	9	20 / 600
201102X	PH2	25	10	20 / 600
201103X	PH3	25	10	20 / 600
201104X	PH4	25	12	20 / 600

2012X 1/4"

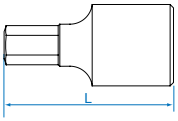
- Slotted head
- DIN ISO 2380-1



KT NO.	Tip width mm	Tip thickness mm	L mm	g	pcs / box
201235X	3.5	0.6	25	8	20 / 600
201255X	5.5	1.0	25	9	20 / 600
201208X	8	1.2	25	10	20 / 600

2015X 1/4"

- Hexagon head
- DIN ISO 2380-1



KT NO.	mm	L mm	g	pcs / box
201503MX	H3	25	8	20 / 600
201504MX	H4	25	9	20 / 600
201505MX	H5	25	10	20 / 600
201506MX	H6	25	10	20 / 600
201508MX	H8	25	12	20 / 600
201510MX	H10	25	12	20 / 600
201504SX	1/8	25	8	20 / 600
201506SX	3/16	25	9	20 / 600
201507SX	7/32	25	10	20 / 600
201508SX	1/4	25	10	20 / 600
201510SX	5/16	25	12	20 / 600
201512SX	3/8	25	12	20 / 600

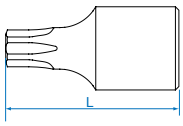
Bit Socket

KT No. & D1

CAUTION In order to get normal life of bit socket, always use within limited torque to bit.

2013X 1/4"

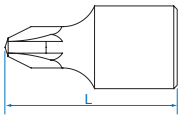
- For torx internal screw



KT NO.	Size	L mm		
201308X	T8	25	8	20 / 600
201309X	T9	25	8	20 / 600
201310X	T10	25	8	20 / 600
201315X	T15	25	8	20 / 600
201320X	T20	25	8	20 / 600
201325X	T25	25	9	20 / 600
201327X	T27	25	9	20 / 600
201330X	T30	25	9	20 / 600
201340X	T40	25	10	20 / 600

2018X 1/4"

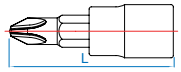
- Pozidriv head
- DIN ISO 8764-1



KT NO.	No.	L mm		
201801X	PZ1	25	8.5	20 / 600
201802X	PZ2	25	9.5	20 / 600
201803X	PZ3	25	10	20 / 600
201804X	PZ4	25	12	20 / 600

2031 1/4"

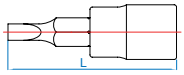
- Phillips head
- DIN ISO 8764-1



KT NO.	No.	L mm		
203101	PH1	37	14	20 / 600
203102	PH2	37	14	20 / 600
203103	PH3	37	15	20 / 600
203104	PH4	37	16	20 / 600

2032 1/4"

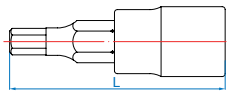
- Slotted head
- DIN ISO 8764-1



KT NO.	Tip width mm	Tip thickness mm	L mm		
203235	3.5	0.5	37	14	20 / 600
203204	4	0.8	37	14	20 / 600
203255	5.5	1.0	37	15	20 / 600
203265	6.5	1.2	37	15	20 / 600
203207	7	1.2	37	15	20 / 600
203208	8	1.2	37	16	20 / 600
203210	10	1.6	37	17	20 / 600

2035 1/4"

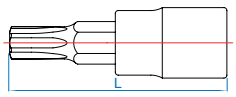
- Hexagon head
- DIN 7422 / 3120



KT NO.	mm	L mm		
203503	H3	37	13	20 / 600
203504	H4	37	15	20 / 600
203505	H5	37	15	20 / 600
203506	H6	37	15	20 / 600
203507	H7	37	16	20 / 600
203508	H8	37	17	20 / 600
203510	H10	37	21	20 / 600

2033 1/4"

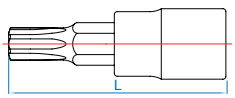
- For torx internal screw
- DIN 3120



KT NO.	Size	L mm		
203308	T8	37	12	20 / 600
203309	T9	37	12	20 / 600
203310	T10	37	13	20 / 600
203315	T15	37	14	20 / 600
203320	T20	37	14	20 / 600
203325	T25	37	14	20 / 600
203327	T27	37	14	20 / 600
203330	T30	37	15	20 / 600
203340	T40	37	16	20 / 600

2037 1/4"

- For tamper resistant torx screw
- DIN 3120



KT NO.	Size	L mm		
203708	T8H	37	12	20 / 600
203709	T9H	37	12	20 / 600
203710	T10H	37	13	20 / 600
203715	T15H	37	14	20 / 600
203720	T20H	37	14	20 / 600
203725	T25H	37	14	20 / 600
203727	T27H	37	14	20 / 600
203730	T30H	37	15	20 / 600
203740	T40H	37	16	20 / 600

Ratchet

- Material
  - chrome vanadium alloy steel handle
  - chrome molybdenum steel (gear) driver
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

KT No. & D1

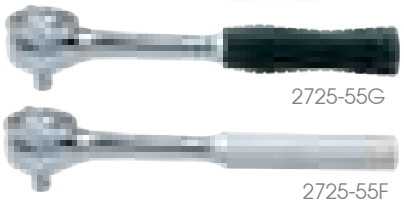
2725

FINE GEAR 1/4"

- Reversible ratchet
- 8° gear action degree (45 teeth)

KT NO.	Overall length inch	mm	g	
2725-55F	5-1/2	140	144	5 / 90
2725-55G	5-1/2	140	171	5 / 90
2725DK	renewal kits		-	-

2725DK



2725-55G

2725-55F

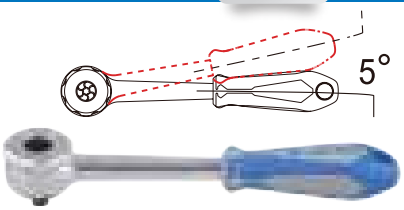
2755

FINE GEAR 1/4"

- Reversible ratchet
- 5° gear action degree (72 teeth)
- DIN 3122

KT NO.	Overall length inch	mm	g	
2755-55G	5-1/2	140	109	5 / 90
2755DK	renewal kits		-	-

2755DK



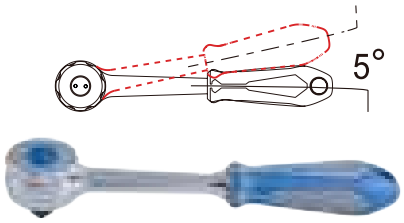
2756

QUICK RELEASE FINE GEAR 1/4"

- Quick release reversible ratchet
- 5° gear action degree (72 teeth)
- DIN 3122

KT NO.	Overall length inch	mm	g	
2756-55G	5-1/2	140	120	5 / 90
2756DK	renewal kits		-	-

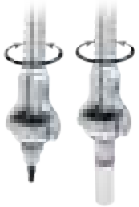
2756DK



2752

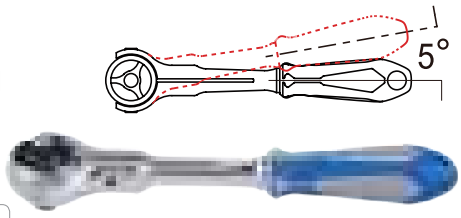
QUICK RELEASE FINE GEAR 1/4"

- Quick release flexible and reversible ratchet
- 5° gear action degree (72 teeth)
- Multi-angle design for difficult-to-reach fasteners



KT NO.	Overall length inch	mm	g	
2752-06G	6	150	127	6 / 108
2752DK	renewal kits		-	-

2752DK

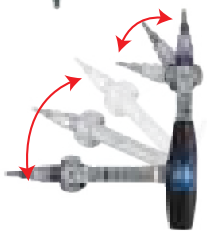


2752-45G

QUICK RELEASE FINE GEAR 1/4"

- Swivel head ratchet
- Quick release flexible and reversible ratchet
- 5° gear action degree(72 teeth)
- Application: T-handle ratchet / screwdriver ratchet

KT NO.	Overall length inch	mm	g	
2752-45G	4-1/2	114	123	6 / 108



Ratchet

- Material
  - chrome vanadium alloy steel handle
  - chrome molybdenum steel (gear) driver
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

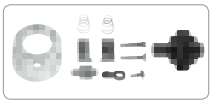
KT No. & D1

2761

QUICK RELEASE 1/4"

- Quick release reversible ratchet
- 15° gear action degree (24 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	mm	g	
2761-55F	5-1/2	140	169	6 / 108
2761-55P	5-1/2	140	158	6 / 108
2761DK	renewal kits		-	-



2761DK

2761-55F

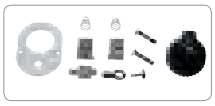
2761-55P

2769

1/4"

- Reversible ratchet
- 15° gear action degree (24 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	mm	g	
2769-55F	5-1/2	140	126	6 / 108
2769-55P	5-1/2	140	125	6 / 108
2769DK	renewal kits		-	-



2769DK

2769-55F

2769-55P

2771

QUICK RELEASE 1/4"

- Quick release reversible ratchet
- 15° gear action degree (24 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	mm	g	
2771-55F	5-1/8	130	140	6 / 108
2771-55G	5-1/8	130	111	6 / 108
2771DK	renewal kits		-	-

2771DK

2771-55F

2771-55G

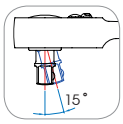
2774

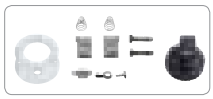
new

1/4"

- Universal joint reversible ratchet
- 15° gear action degree (24 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	mm	g	
2774-55F	5-1/8	130	154	6 / 108
2774-55G	5-1/8	130	122	6 / 108
2774DK	renewal kits		-	-





2774DK

2774-55F

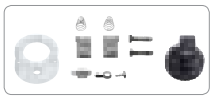
2774-55G

2779

1/4"

- Reversible ratchet
- 15° gear action degree (24 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	mm	g	
2779-55F	5-1/8	130	146	6 / 108
2779-55G	5-1/8	130	114	6 / 108
2779DK	renewal kits		-	-



2779DK

2779-55F

2779-55G

Ratchet

- Material
  - chrome vanadium alloy steel handle
  - chrome molybdenum steel (gear) driver
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

KT No. & D1

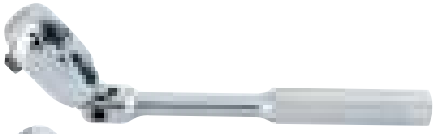
2781

QUICK RELEASE 1/4"

- Quick release flexible and reversible ratchet
- 15° gear action degree (24 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	pcs / box
2781-06F	6	150	155	6 / 108
2781-06P	6	150	148	6 / 108
2781DK	renewal kits		-	-

2781DK



2781-06F

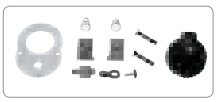
2781-06P

2789

1/4"

- Flexible and reversible ratchet
- 15° gear action degree (24 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	pcs / box
2789-06P	6	150	140	6 / 108
2789DK	renewal kits		-	-



2789DK

2760

MINI RATCHET 1/4"

- Mini reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	pcs / box
2760-04	4	100	73	8 / 128
2760DK	renewal kits		-	-

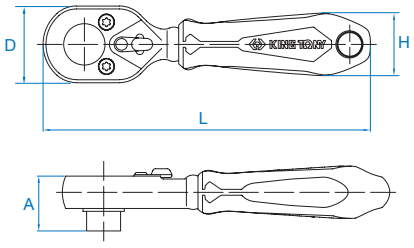
2760DK

2765

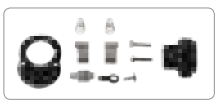
276A

FINE GEAR MINI RATCHET 1/4"

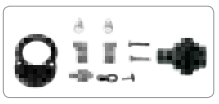
- Mini bit holder ratchet
- 5° gear action degree (72 teeth)
- Two teeth pawl action



KT NO.	A mm	D mm	L mm	H mm	g	pcs / box
2765-04G	18.5	26	111	20	100	6 / 108
276A-04G	23	26	111	20	99	6 / 108
2765DK			renewal kits			
276ADK			renewal kits			



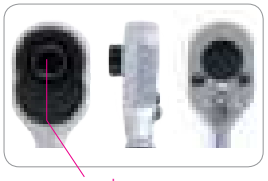
2765DK



276ADK

2765-04G

276A-04G



2765-04G (top, side, back)

276A-04G (top, side, back)

Mini Ratchet Set

1001MR 1/4"

- Mini ratchet set
- 5° gear action degree (72 teeth)
- Two teeth pawl action

10 PC.

Contents	0.19	6 / 36
1025P	PH1, PH2	
1025T	T10, T15, T20	
1025H	H3, H4, H5, H6	
2765-04G		

2501MR 1/4"

- 5° gear action degree (72 teeth)
- Two teeth pawl action

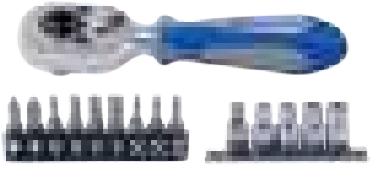
21 PC.

Contents	0.36	4 / 48
2335M	4, 5, 6, 7, 8, 9, 10, 11, 12, 13	
1025P	PH1, PH2, PH3	
1025T	T10, T20, T30	
1025H	H4, H6	
1025S	5.5x1.0, 6.5x1.2	
276A-04G		

2515MR 1/4"

- Mini ratchet set
- 5° gear action degree (72 teeth)
- Two teeth pawl action

15 PC.

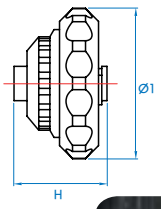


Contents	0.26	6 / 36
2335M	5, 5.5, 6, 7, 8	
1025P	PH1, PH2	
1025T	T10, T15, T20	
1025H	H3, H4, H5, H6	
276A-04G		

Accessory

2745 1/4"

- Palm ratchet bit holder
- Non-toothed palm ratchet is designed for any angle of degree
- 3 position of forward / lock / reverse
- Suitable for narrow space where a standard wrench cannot attain
- Anodized aluminum alloy body & chrome vanadium alloy steel bit holder



KT NO.	Ø1 mm	H	g	
2745	46	26.5	103	12 / 144

- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated

KT No. & D1

2221 1/4"

- Extension bar
- DIN 3122

KT NO.	Overall length inch	mm	g	
2221-02	2	55	24	30 / 480
2221-03	3	75	37	20 / 400
2221-04	4	100	45	15 / 240
2221-06	6	150	67	15 / 300
2221-10	10	254	108	15 / 240
2221-12	12	305	130	15 / 240

CAUTION In order to get normal life of bit socket, Always use within limited torque to bit.

2223 1/4"

- Offset extension bar
- Max. torque:35 Nm
- DIN 3123

KT NO.	Overall length inch	mm	g	
2223-02	2	55	23	30 / 480
2223-04	4	100	45	15 / 240

Accessory

- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated

2293 1/4"

- Multi-function extension bar and offset extension bar
- Hex key is applicable to the hex shank
- Max. torque:35 Nm
- DIN 3123

KT NO.	Overall length inch	mm	g	pcs / box
2293-02	2	55	25	30 / 480
2293-03	3	75	35	20 / 400
2293-04	4	100	45	15 / 240
2293-06	6	150	140	15 / 300

KT No. & D1

2311 1/4"

- Flexible extension bar

KT NO.	Overall length inch	mm	g	pcs / box
2311-06	6	150	68	12 / 384
2311-12	12	300	92	12 / 120
2311-18	18	450	120	20 / 200

KT No. & D1

2312 1/4"

- Flexible extension bar

KT NO.	Overall length inch	mm	g	pcs / box
2312-06	6	150	59	12 / 240

2792 1/4"

- Universal joint
- DIN 3123

KT NO.	Overall length inch	mm	g	pcs / box
2792	1 - 1/2	36	29	24 / 384

2813 1/4"

- Adapter
- Convert to 3/8" drive
- DIN 3123

3/8" drive (M) ← 1/4" drive (F)

KT NO.	Spec.	g	pcs / box
2813	1/4" F x 3/8"M	20	12 / 360

KT No. & D1

213312DF 1/4"

- Magnetic screwdriver driver handle
- DIN 3126

KT NO.	Overall length inch	mm	g	pcs / box
213312DF	12	300	132	2 / 40

2177DF 1/4"

- Spinner handle
- DIN 3122

KT NO.	Overall length inch	mm	g	pcs / box
2177DF	12-1/4	310	126	6 / 60

2178DF 1/4"

- Spinner handle
- DIN 3122

2179DF new 1/4"

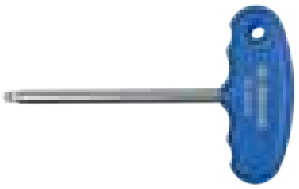
2178DF (PP + TPR)

2179DF (PP)

KT NO.	Overall length inch	mm	g	pcs / box
2178DF	6	150	75	6 / 120
new 2179DF	6	150	90	12 / 192

2178TG 1/4"

- Spinner handle
- DIN 3122



KT NO.	■	mm	mm	g	pcs / box
2178TG	1/4	115	154	100	6 / 96

KT No. & D1

2452 1/4"

- Flexible handle
- Action degree -180°
- DIN 3122

2452DK

KT NO.	Overall length inch	mm	g	pcs / box
2452-05F	5	130	88	15 / 270
2452DK	renewal kits			

Accessory

- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated

KT No. & D1

2453 1/4"

- Flexible handle
- Action degree -180°
- New pattern design added in firm and powerful elements
- New forge technologies I-Beam shank offers 15% lightweight
- DIN 3122

2452DK

KT NO.	Overall length inch	mm	g	
2453-05F	5	130	67	15 / 270
2452DK	renewal kits			

- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated & black phosphate sunk

KT No. & D1

2571 1/4"

- Sliding T-handle
- DIN 3122

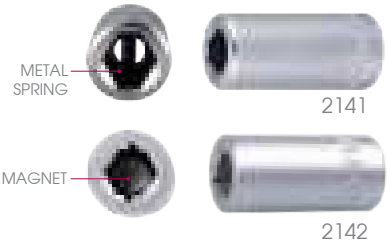
KT NO.	Overall length inch	mm	g	
2571-45	4-1/2	115	41	12 / 192

KT No. & D1

2141

2142 1/4"

- Bit holder
- DIN 3122



KT NO.	Size inch	Overall length mm	g	
2141	1/4	25	14	20 / 320
2142	1/4	25	14.2	20 / 320

Socket Rail Set

2509MR 1/4"

- Socket rail 150mmL

9 PC.

Contents	kg 0.17	50
2335M	4, 5, 6, 7, 8, 9, 10, 11, 13	
8720609		

2513MR new 1/4"

- Socket rail 150 mmL

13 PC.

Contents	kg 0.23	6 / 60
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	

2513MRD1 new 1/4"

- Socket rail 508 mmL

13 PC.

Contents	kg 0.34	50
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
8720813D1		

2509SR 1/4"

- Socket rail 150mmL

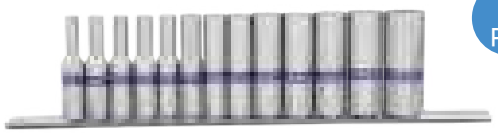
9 PC.

Contents	kg 0.17	50
2335S	5/32, 3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	
8720609		

2311MR new 1/4"

- Socket rail 240 mmL

13 PC.



Contents	kg 0.46	6 / 60
2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13,14	

2127PR 1/4"

- Socket rail 130mmL
- For hex head screw
- H : 37mm

7 PC.

Contents	kg 0.15	50
2035	H3, H4, H5, H6, H7, H8, H10	
8720507		

Socket Rail Set

2109PR 1/4"

- Socket rail 150mmL
- For torx head screw
- H : 37mm

9 PC.

Contents		0.12 kg	50
2033	T8, T9, T10, T15, T20, T25, T27, T30, T40		
8720609			

2107PR 1/4"

- Socket rail 130mmL
- For tamper resistant torx head screw
- H : 37mm

7 PC.

Contents		0.12 kg	50
2037	T10H, T15H, T20H, T25H, T27H, T30H, T40H		
8720507			

2119PR 1/4"

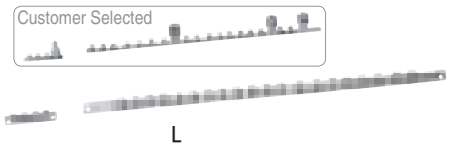
- Socket rail 150mmL
- For tamper resistant torx head screw
- H : 37mm

9 PC.

Contents		0.12 kg	50
2037	T8H, T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H		
8720609			

872 1/4"

- Rail length from 160 mm to 560 mm



KT NO.	L (mm)
870406	160
870208	200
870422	560
8720	-

Extension Bar Set

2104PR 1/4"

4 PC.

Contents		0.17 kg	1 / 80
2221	2", 3", 4", 6"		

Socket & Set

2313MR new 1/4"

13 PC.

Contents		0.42 kg	20
2335M	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
2766-55G	2221-04		

2510SR 1/4"

Metal case size (mm):
223 x 65 x 32 (0.016 cuft)

10 PC.

Contents		0.62 kg	1 / 30
2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		

2511MR 1/4"

Metal case size (mm):
223 x 65 x 32 (0.016 cuft)

11 PC.

Contents		0.67 kg	1 / 30
2235M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		

Socket Set

2516MR | 2516SR | 1/4"

Metal case size (mm):
244 x 118 x 37 (0.038 cuft)

16 PC.

2516MR

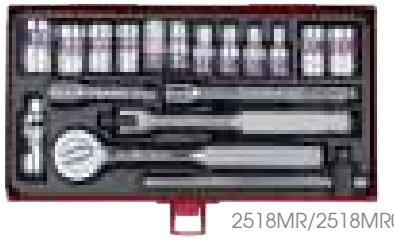
2516SR

KT NO.		Contents				
					1.10	1 / 18
2516MR	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13	2779-55G	2571-45	2179DF	
2516SR	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2	2221-04	2792		

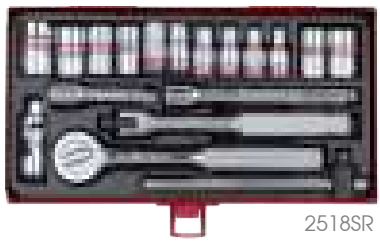
2518MR | 2518SR | 2518MR01 | 1/4"

Metal case size (mm):
198 x 105 x 32 (0.023cuft)

18 PC.



2518MR/2518MR01



2518SR

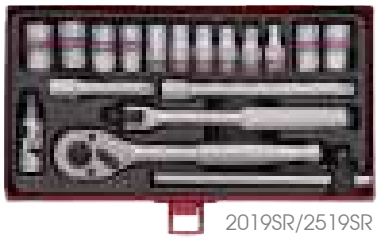
KT NO.		Contents				
					0.96	1 / 20
2518MR	2335M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12	2310M 8, 10	2452-05F	2571-45	
2518SR	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	2310S 5/16, 3/8	2725-55F	2792	
2518MR01	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		2221-02 2221-04		

2019MR | 2019SR | 2519MR | 2519SR | 1/4"

Metal case size (mm):
198 x 105 x 32 (0.023 cuft)

18 PC.

2019MR/2519MR



2019SR/2519SR

KT NO.		Contents				
					0.92	1 / 20
2019MR	2330M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12	2310M 8, 10	2769-55P	2452-05F	
2519MR	2335M			2221-02 2221-04	2571-45	
2019SR	2330S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	2310S 5/16, 3/8	2792		
2519SR	2335S					

Socket Set

2021MR

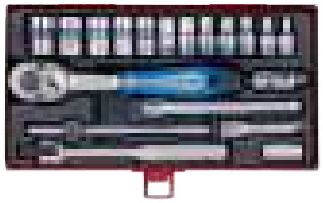
2521MR 1/4"

Metal case size (mm):
198 x 105 x 32 (0.023 cuft)

19 PC.

KT NO. | Contents | 0.87 | 1 / 20

KT NO.		Contents	
2021MR	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	2779-55G, 2221-02, 2221-04, 2452-05F, 2571-45, 2792, 2141
2521MR	2335M		



2025MRE01 1/4"

Blow case size (mm) :
203 x 93 x 43(0.028cuft)

26 PC.

Contents | 0.6 | 1 / 20

2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 13, 14
1025P	PH1, PH2
1025H	H3, H4, H5
1025T	T10, T15, T20, T25, T30, T40
2221-04	276A-04G, 2792

2525MRE 1/4"

Blow case size (mm) :
203 x 93 x 43(0.028cuft)

25 PC.

Contents | 0.56 | 1 / 20

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
1025P	PH2 x 2
1025H	H5,H6
1025T	T10 , T15 , T20 , T25 , T30 , T40
2771-55G, 2221-04, 2142	

2526MR

2526SR 1/4"

Metal case size (mm):
244 x 118 x 37 (0.038 cuft)

26 PC.

2526MR

2526SR

KT NO. | Contents | 1.30 | 1 / 18

KT NO.		Contents
2526MR	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13
	2235M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 13
2526SR	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2
	2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2

2779-55G, 2221-02, 2221-04, 2792, 2813

Socket Set

2526CR 1/4"

Metal case size (mm):
280 x 130 x 41 (0.053 cuft)

26 PC.

Contents — 1.30 kg — 1 / 10

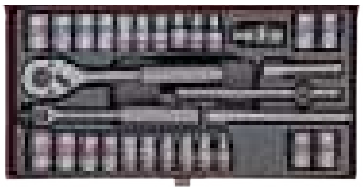
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
2335S	1/4, 3/8, 1/2
2033	T20, T25, T30, T40

2779-55G, 2452-05F, 2571-45, 2221-02, 2221-04, 2792

2030CR / 2530CR 1/4"

Metal case size (mm):
244 x 118 x 37 (0.038 cuft)

30 PC.



1.30 kg — 1 / 18

KT NO.		Contents
2030CR	2330M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12
	2330S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
2530CR	2335M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12
	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2

2310M 8, 10
2310S 5/16, 3/8
2769-55F, 2792
2571-45
2452-05F
2221-02, 2221-04

2031MR / 2531MR 1/4"

Metal case size (mm):
280 x 130 x 41 (0.053 cuft)

31 PC.

1.60 kg — 1 / 15

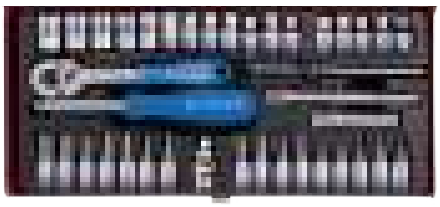
KT NO.			Contents
2031MR	2330M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12, 13	2033 T8, T9, T10, T15, T20, T25, T27, T30
2531MR	2335M		2035 H3, H4, H5, H6, H8, H10

2779-55G, 2221-03, 2221-06
2179DF
2571-45, 2792

2539MR 1/4"

Metal case size (mm):
280 x 130 x 41 (0.053 cuft)

39 PC.



Contents — 1.61 kg — 1 / 15

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
2375	E4, E5, E6, E7, E8
2033	T8, T9, T10, T15, T20, T25, T27, T30, T40
2035	H3, H4, H5, H6, H7, H8, H10

2779-55G, 2179DF
2571-45, 2221-02, 2221-04, 2792

2540MR 1/4"

Metal case size (mm):
316 x 104 x 40 (0.047 cuft)

39 PC.

Contents — 1.52 kg — 1 / 12

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
1025S	4, 5.5, 7
1025P	PH0, PH1, PH2, PH3
1025H	H3, H4, H5, H6, H7, H8
1025T	T10, T15, T20, T25, T30, T40

2779-55G, 213312DF, 2792, 2141
2571-45, 2452-05F, 2221-02, 2221-06

2575MR 1/4"

Metal case size (mm):
244 x 118 x 37 (0.038 cuft)

45 PC.

Contents — 1.24 kg — 1 / 18

2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
1025S	4, 6.5, 7, 8
1025P	PH1, PH2, PH3
1025H	H2.5, H3, H4, H5, H6, H7, H8, H10
1025U	T8H, T9H, T10H, T15H, T20H, T25H, T27H,T30H, T40H
1025Z	PZ1, PZ2, PZ3

2755-55G, 2223-02, 2792
2311-06, 2179DF, 2142

Socket Set

2551MR

Metal case size (mm):
244 x 118 x 37 (0.038 cuft)

2551MR

2551MR01 1/4"

51 PC.

2551MR01

KT NO. | Contents | 1.30 | 1 / 18

KT NO.		Contents					
2511MR	2755-55G	2235M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H	2813 2142 2792	
		1025S	3, 4, 5, 6	1025Z	PZ1, PZ2 x 2, PZ3	7702-25	753-63
2551MR01	2761-55F	1025P	PH1, PH2 x 2, PH3	1025T	T10, T15, T20, T25, T27, T30, T40	2223-02 2223-04	2178DF
		1025H	H3, H4, H5, H6				

2516MRV03 new

Tray category #11 (187 x 140mm) 1/4"

Plastic case size (mm) :
199x 161 x 56 (0.063 Cuft)

Contents | 0.75 | 1/16

17 PC.

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
2771-55G		2571-45	
2221-06		2792	

2524MRV new

Tray category #11 (187 x 140mm) 1/4"

Plastic case size (mm) :
199x 161 x 56 (0.063 Cuft)

Contents | 0.9 | 1/16

21 PC.

2335M	4, 4.5, 5 , 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14			
2771-55G		2571-45	2142	
2221-02 2221-04 2221-06		2792	2178DF	

2528MRV new

Tray category #11 (187 x 140mm) 1/4"

Plastic case size (mm) :
199x 161 x 56 (0.063 Cuft)

Contents | 0.76 | 1/16

29 PC.

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11,12, 13, 14	
1025H	H3, H4, H5, H6	
1025S	4, 5	
1025T	T10, T15, T20, T30	
1025P	PH1, PH2	
276A-04G	2792	2221-06 2142

2534MRV new

Tray category #7 (280 x 187mm) 1/4"

Plastic case size (mm) :
289 x 230 x 66 (0.154Cuft)

Contents | 1.76 | 1/6

34 PC.

2335M	4, 4.5, 5 ,5.5 , 6 , 7 , 8 , 9 , 10 , 11 ,12 , 13, 14			
2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14			
2771-55G		2571-45	2142	
2221-02 2221-04 2221-06		2792	2178DF	

Socket Set

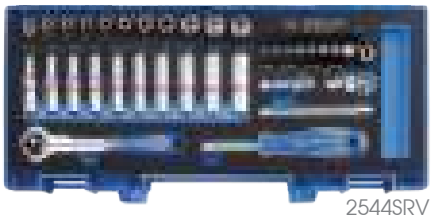
2044SRV | 2544SRV

Tray category #10 (375 x 140mm) 1/4"

Plastic case size (mm) :
389 x 185 x 66 (0.168 Cuft)

44 PC.

2044SRV


2544SRV

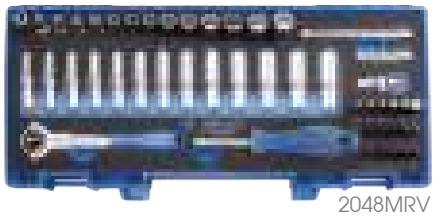
KT NO.			Contents		
					1.62 / 1 / 10
2044SRV	2330S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2	2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	2142, 2792, 2223-02, 2223-04
2544SRV	2335S		1025S	3, 4.5, 5, 6.5, 8	2752-06G
			1025P	PH0, PH1, PH2, PH3	2178DF
			5025H	H3/64, H1/16, H5/64, H3/32, H7/64, H1/8, H9/64, H5/32	

2048MRV | 2548MRV

Tray category #10 (375 x 140mm) 1/4"

Plastic case size (mm) :
389 x 185 x 66 (0.168 Cuft)

48 PC.


2048MRV

2548MRV

KT NO.			Contents		
					1.79 / 1 / 10
2048MRV	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2142, 2792, 2223-02, 2223-04
2548MRV	2335M		1025S	3, 4.5, 5, 6.5, 8	2178DF
			1025P	PH0, PH1, PH2, PH3	2752-06G
			1025H	H3, H4, H5, H6, H7, H8, H10	

2550MRV

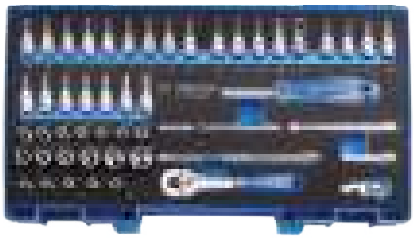
Tray category #8 (375 x 187mm) 1/4"

Plastic case size (mm) :
389 x 230 x 66 (0.208 Cuft)

50 PC.

Contents — 2.2 / 1 / 6

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
2375M	E4, E5, E6, E7, E8	
2031	PH1, PH2, PH3, PH4	
2032	4, 5.5, 6.5, 8, 10	
2033	T8, T9, T10, T15, T20, T25, T27, T30, T40	
2035	H3, H4, H5, H6, H7, H8, H10	
2771-55G	2178DF	
2792	2571-45	
2293-04, 2293-06	2221-02	



Socket Set

2553MRV

Tray category #10 (375 x 140mm) 1/4"

Plastic case size (mm) :
389 x 185 x 66 (0.168 Cuft)

53 PC.

Contents		1.67	1 / 10
2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
1025H	H3, H4, H5, H6, H7, H8, H10		
1025S	3, 4.5, 5, 6.5, 8		
1025P	PH0, PH1, PH2, PH3		
1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H		
1025Z	PZ1, PZ2, PZ3		
1025T	T10, T15, T20, T25, T27, T30, T40		

Contents

7702-25 2792 2813
276A-04G 213312DF
2223-02 2223-04 2745

2553MRV01 new

Tray category #10 (375 x 140mm) 1/4"

Plastic case size (mm) :
389 x 185 x 66 (0.168 Cuft)

55 PC.

Contents		1.87	1/10
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
1025H	H3, H4, H5, H6, H7,H8, H10		
1025T	T10, T15, T20, T25, T27, T30, T40		
1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H		
1025P	PH1, PH2, PH3		
1025Z	PZ1, PZ2, PZ3		
1025S	3, 4.5, 5, 6.5, 8		

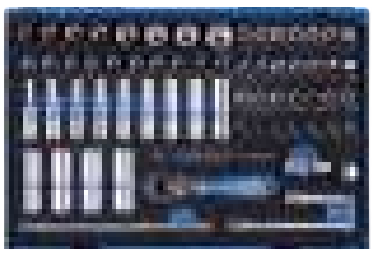
Contents

7702-25 276A-04G
2571-45 213312DF
2221-02 2221-04 2221-06 2745 2792 2142

2565MRV

Tray category #7 (280 x 187mm) 1/4"

Plastic case size (mm):
289 x 230 x 66 (0.154 cuft)



65 PC.

Contents		2.67	1 / 6
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
2375M	E4, E5, E6, E7, E8		
2013X	T8, T9, T10, T15, T20, T25, T27, T30, T40		
2015X	3, 4, 5, 6, 8		
2018X	PZ1, PZ2		
2011X	PH1, PH2		
2012X	3.5, 5.5, 8		
1025T	T6, T7		
1025M	M4, M5, M6, M8, M10		

Contents

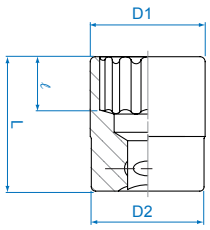
2792 2813 276A-04G 2221-02 2221-04 2221-06

Standard Socket

KT No. & D1

3330M | 3330S | 3/8"

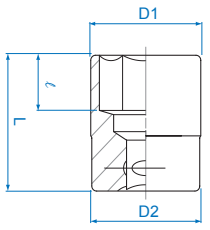
- Metric-DIN 3124, ISO 2725-1
- Inch-ANSI / ASME B107.1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
333006M	6	9.9	17.8	7.0	27	24	12 / 360
333007M	7	10.8	17.8	7.0	27	24	12 / 360
333008M	8	12.0	17.8	7.0	27	25	12 / 360
333009M	9	13.2	17.8	7.0	27	25	12 / 360
333010M	10	14.5	17.8	9.0	27	26	12 / 360
333011M	11	15.8	17.8	9.0	27	27	12 / 360
333012M	12	16.8	17.8	9.0	27	27	12 / 360
333013M	13	17.8	16.8	9.0	27	30	12 / 360
333014M	14	19.7	18.0	11.0	29	33	10 / 300
333015M	15	20.8	18.0	11.0	29	40	10 / 300
333016M	16	21.8	20.0	11.0	29	39	10 / 300
333017M	17	23.8	20.0	11.0	29	52	10 / 200
333018M	18	24.7	21.0	13.0	29	58	10 / 200
333019M	19	25.8	21.0	13.0	29	62	10 / 200
333020M	20	27.1	25.0	13.0	32	73	10 / 160
333021M	21	27.8	25.0	13.0	32	82	10 / 160
333022M	22	29.7	26.0	15.0	32	87	10 / 160
333023M	23	29.7	26.0	15.0	32	80	10 / 160
333024M	24	31.8	26.0	17.0	32	78	8 / 160
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
333008S	1/4	10.0	17.8	7.0	27	25	12 / 360
333010S	5/16	12.0	17.8	7.0	27	22	12 / 360
333011S	11/32	13.2	17.8	7.0	27	25	12 / 360
333012S	3/8	14.0	17.8	9.0	27	26	12 / 360
333014S	7/16	15.8	17.8	9.0	27	27	12 / 360
333015S	15/32	16.8	17.8	9.0	27	25	12 / 360
333016S	1/2	17.8	16.8	9.0	27	30	12 / 360
333018S	9/16	19.7	18.0	11.0	29	33	10 / 300
333019S	19/32	20.8	18.0	11.0	29	41	10 / 300
333020S	5/8	21.8	20.0	11.0	29	43	10 / 300
333022S	11/16	23.8	20.0	11.0	29	52	10 / 200
333024S	3/4	25.8	21.0	13.0	29	62	10 / 200
333026S	13/16	27.8	25.0	13.0	32	77	10 / 160
333028S	7/8	29.7	26.0	15.0	32	87	10 / 160
333030S	15/16	31.8	26.0	17.0	34	83.7	8 / 160
333032S	1	33.8	26.0	17.0	34	100	8 / 160

3335M | 3335S | 3/8"

- Metric-DIN 3124, ISO 2725-1
  Inch-ANSI / ASME B107.1



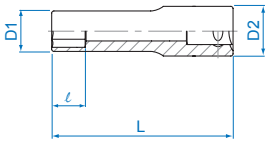
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
333506M	6	9.9	17.8	7.0	27	25	12 / 360
333507M	7	10.8	17.8	7.0	27	24	12 / 360
333508M	8	12.0	17.8	7.0	27	25	12 / 360
333509M	9	13.2	17.8	7.0	27	25	12 / 360
333510M	10	14.5	17.8	9.0	27	27	12 / 360
333511M	11	15.8	17.8	9.0	27	28	12 / 360
333512M	12	16.8	17.8	9.0	27	28	12 / 360
333513M	13	17.8	16.8	9.0	27	31	12 / 360
333514M	14	19.7	18.0	11.0	29	34	10 / 300
333515M	15	20.8	18.0	11.0	29	47	10 / 300
333516M	16	21.8	20.0	11.0	29	45	10 / 300
333517M	17	23.8	20.0	11.0	29	53	10 / 200
333518M	18	24.7	21.0	13.0	29	58	10 / 200
333519M	19	25.8	21.0	13.0	29	64	10 / 200
333520M	20	27.1	25.0	13.0	32	73	10 / 160
333521M	21	27.8	25.0	13.0	32	82	10 / 160
333522M	22	29.7	26.0	15.0	32	87	10 / 160
333523M	23	29.7	26.0	15.0	32	80	10 / 160
333524M	24	31.8	26.0	17.0	32	78	8 / 160
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
333508S	1/4	10.0	17.8	7.0	27	25	12 / 360
333510S	5/16	12.0	17.8	7.0	27	22	12 / 360
333511S	11/32	13.2	17.8	7.0	27	25	12 / 360
333512S	3/8	14.0	17.8	9.0	27	26	12 / 360
333514S	7/16	15.8	17.8	9.0	27	27	12 / 360
333515S	15/32	16.8	17.8	9.0	27	25	12 / 360
333516S	1/2	17.8	16.8	9.0	27	30	12 / 360
333518S	9/16	19.7	18.0	11.0	29	33	10 / 300
333519S	19/32	20.8	18.0	11.0	29	41	10 / 300
333520S	5/8	21.8	20.0	11.0	29	43	10 / 300
333522S	11/16	23.8	20.0	11.0	29	52	10 / 200
333524S	3/4	25.7	21.0	13.0	29	62	10 / 200
333526S	13/16	27.8	25.0	13.0	32	77	10 / 160
333528S	7/8	29.6	26.0	15.0	32	87	10 / 160
333530S	15/16	31.8	26.0	17.0	34	80	8 / 160
333532S	1	33.8	26.0	17.0	34	100	8 / 160

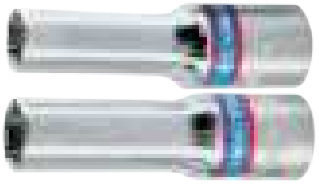
Thin Wall Deep Socket

3215M | 3/8"

- Specifically for heat plug, glow plug

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
321510M	10	13.0	17.8	12.0	65	65	20 / 240
321512M	12	15.0	17.8	15.0	65	57	20 / 240





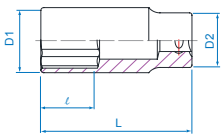
Thin walled design (D1)

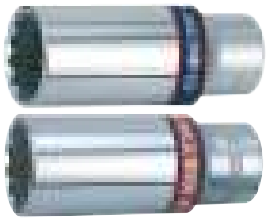
Deep Socket

KT No. & D1

3230M 3230S 3/8 "

- Metric-DIN 3124, ISO 2725-1
- Inch-ANSI / ASME B107.1



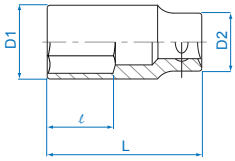


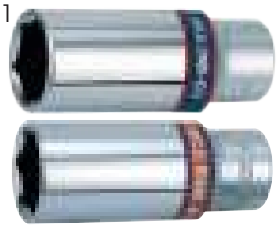
KT NO.	mm	D1 mm	D2 (mm)	ℓ (mm)	L (mm)	g	
323007M	7	10.8	17.8	10.0	63	54	20 / 320
323008M	8	12.0	17.8	12.0	63	54	18 / 288
323009M	9	13.2	17.8	12.0	63	59	18 / 288
323010M	10	14.5	17.8	12.0	63	56	15 / 240
323011M	11	15.8	17.8	15.0	63	63	15 / 240
323012M	12	16.8	17.8	15.0	63	58	15 / 240
323013M	13	17.8	16.8	15.0	63	61	15 / 240
323014M	14	19.7	18.0	16.0	63	71	12 / 192
323015M	15	20.8	18.0	18.0	63	92	10 / 160
323016M	16	21.8	20.0	18.0	63	88	8 / 128
323017M	17	23.8	20.0	18.0	63	97	8 / 128
323018M	18	24.7	21.0	20.0	63	136	6 / 96
323019M	19	25.8	21.0	20.0	63	110	6 / 96
323021M	21	27.8	25.0	20.0	63	127	6 / 96
323022M	22	29.7	26.0	20.0	63	164	6 / 96
323024M	24	31.8	26.0	25.0	63	182	6 / 120

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
323008S	1/4	10.0	16.8	10.0	63	50	20 / 320
323010S	5/16	12.0	17.8	12.0	63	52	18 / 288
323012S	3/8	14.0	17.8	12.0	63	60	15 / 240
323014S	7/16	15.8	17.8	15.0	63	68	15 / 240
323016S	1/2	17.8	16.8	15.0	63	68	15 / 240
323018S	9/16	19.7	18.0	16.0	63	72	12 / 192
323020S	5/8	21.8	20.0	18.0	63	88	8 / 128
323022S	11/16	23.8	20.0	18.0	63	112	8 / 128
323024S	3/4	25.8	21.0	20.0	63	126	6 / 96
323026S	13/16	27.8	25.0	20.0	63	126	6 / 96
323028S	7/8	29.7	26.0	21.0	63	128	6 / 96
323030S	15/16	31.8	26.0	22.0	63	159	5 / 80
323032S	1	33.8	26.0	22.0	63	277	5 / 80

3235M 3235S 3/8 "

- Metric-DIN 3124, ISO 2725-1
- Inch-ANSI / ASME B107.1





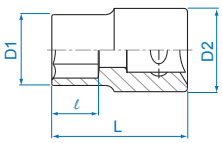
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
new 323506M	6	9.9	17.8	10.0	63	50	20 / 320
323507M	7	10.8	17.8	10.0	63	52	20 / 320
323508M	8	12.0	17.8	12.0	63	52	18 / 288
323509M	9	13.2	17.8	12.0	63	56	18 / 288
323510M	10	14.5	17.8	12.0	63	60	15 / 240
323511M	11	15.8	17.8	15.0	63	68	15 / 240
323512M	12	16.8	17.8	15.0	63	68	15 / 240
323513M	13	17.8	16.8	15.0	63	64	15 / 240
323514M	14	19.7	18.0	16.0	63	72	12 / 192
323515M	15	20.8	18.0	18.0	63	88	10 / 160
323516M	16	21.8	19.0	18.0	63	88	8 / 128
323517M	17	23.8	20.0	18.0	63	112	8 / 128
323518M	18	24.7	21.0	20.0	63	126	6 / 96
323519M	19	25.8	21.0	20.0	63	124	6 / 96
323521M	21	27.8	25.0	20.0	63	126	6 / 96
323522M	22	29.7	26.0	20.0	63	128	6 / 96
323524M	24	31.8	26.0	25.0	63	155	6 / 120

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
323508S	1/4	10.0	16.8	10.0	63	50	20 /320
323510S	5/16	12.0	17.8	12.0	63	52	18 / 288
323512S	3/8	14.0	17.8	12.0	63	60	15 / 240
323514S	7/16	15.8	17.8	15.0	63	68	15 / 240
323516S	1/2	17.8	16.8	15.0	63	68	15 / 240
323518S	9/16	19.7	18.0	16.0	63	72	12 / 192
323520S	5/8	21.8	20.0	18.0	63	88	8 / 128
323522S	11/16	23.8	20.0	18.0	63	112	8 / 128
323524S	3/4	25.8	21.0	20.0	63	126	6 / 96
323526S	13/16	27.8	25.0	20.0	63	126	6 / 96
323528S	7/8	29.7	26.0	21	63	128	6 / 96
323530S	15/16	31.8	26.0	22	63	159	5 / 80
323532S	1	33.8	26.0	22	63	277	5 / 80

Star Socket

3375M 3/8 "

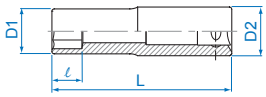
- DIN 3120



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	
337504M	E4	6.0	16.8	3.6	28	18	12 / 360
337505M	E5	7.0	16.8	4.0	28	19	12 / 360
337506M	E6	8.0	16.8	5.0	28	20	12 / 360
337507M	E7	8.9	16.8	6.0	28	21	12 / 360
337508M	E8	10.0	16.8	6.5	28	21	12 / 360
337510M	E10	12.0	16.8	7.0	28	22	12 / 360
337511M	E11	12.8	16.8	8.0	28	23	12 / 360
337512M	E12	14.3	16.8	9.0	28	25	12 / 360
337514M	E14	15.9	17.8	9.5	28	29	12 / 360
337516M	E16	18.0	19.8	10.5	28	39	10 / 300
337518M	E18	20.0	21.8	11.0	28	50	10 / 300

3275M 3/8 "

- DIN 3120



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	
327504M	E4	6.0	16.8	3.6	63	46	12 / 240
327505M	E5	7.0	16.8	4.0	63	48	12 / 240
327506M	E6	8.0	16.8	5.0	63	49	12 / 240
327507M	E7	8.9	16.8	6.0	63	51	12 / 240
327508M	E8	10.0	16.8	6.5	63	53	12 / 240
327510M	E10	12.0	16.8	7.0	63	57	12 / 240
327511M	E11	12.8	16.8	8.0	63	59	12 / 240
327512M	E12	14.3	16.8	9.0	63	62	12 / 240
327514M	E14	15.9	16.8	9.5	63	68	12 / 240
327516M	E16	17.8	17.8	10.5	63	85	12 / 240
327518M	E18	19.8	19.8	11.0	63	90	10 / 160

KING TONY Spark Plug Sockets							
Square drive	Type	Size / KT NO. inch	mm	Rubber I	Magnet	Rubber II	Metal clip
3/8"	6PT		14			36B514	367514
		5/8"	16	363516	366516		367516
			18				367518
		13/16"	20.8	363521	366521		367521
	12PT		14			36B014	367014
		5/8"	16	363016	366016		367016
			18			36B018	367018
		13/16"	20.8	363021	366021		367021
			14			36C014	
			14			36D014	
1/2"	6PT		14			463514RC	467514C
		5/8"	16	463516R	466516		467516
		13/16"	20.8	463521R	466521		467521
	12PT		14			463014RC	467014C
		5/8"	16	463016R	466016		467016
		13/16"	20.8	463021R	466021		467021

Metal Clip Universal Joint Spark Plug Socket

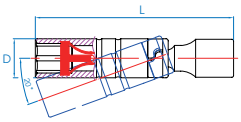
3650 new — 3/8"

- Inside sleeve - Metal clip for a firm hold and assembly of the spark plugs
- Universal joint- for working in restricted access and obstructive areas
- 12-point socket enables application on 14mm spark plugs of 6-point and 12-point
- Application: For 14 mm spark plugs e.g. BMW and MERCEDES-BENZ
- DIN 3120

KT NO.	mm	D mm	L mm	g	pcs/box
365014A	14.0	18.5	94	112.4	6 / 120
365014B	14.0	18.5	155	168.0	6 / 120
365016A	16.0	21.0	101	129.6	6 / 180
365016B	16.0	21.0	162	185.0	6 / 120

365014A / 365016A

365014B / 365016B



36B5 — 3/8"

36B0 — 36C0 — 36D0 — 3/8"

- Inside sleeve - rubber
- DIN 3120
- 36C014 & 36D014 are suitable for BMW, Mini, RENAULT Clio / Twingo / Kangoo type, PEUGEOT 206 1.4 16V, CITROEN C5 HPI

KT NO.	Type	Size mm	D mm	L mm	g	pcs/box
36B514	6 points	14.0	18.5	63	80	12 / 192
36B014	12 points	14.0	18.5	63	80	12 / 192
36B018	12 points	18.0	24.7	65	106	8 / 128
36C014	12 points	14.0	18.5	90	112	12 / 144
36D014	12 points	14.0	18.5	250	291	6 / 54

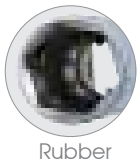
rubber

36B014

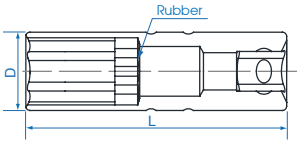
36C014

36B018

36D014


Rubber

36B514



Spark Plug Socket

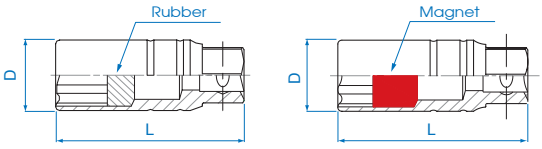
KT No. & D1

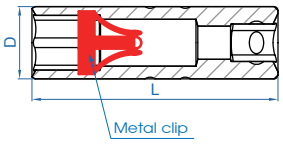
3630 **3660** **3635** **3665** 3/8"

3670 **3675** 3/8"

- 6 / 12 points
- Size combined- 16.0mm (5/8") - 20.8mm (13/16")
- Inside sleeve - rubber / magnet
- DIN 3120

KT NO.	Type	Size inch	Size mm	D mm	L mm		
363016	12 points Rubber	5/8	16.0	21	70	100	10 / 200
366016	12 points Magnet	5/8	16.0	21	70	105	10 / 200
363021	12 points Rubber	13/16	20.8	27.7	70	150	12 / 120
366021	12 points Magnet	13/16	20.8	27.7	70	155	12 / 120
363516	6 points Rubber	5/8	16.0	21	70	100	10 / 200
366516	6 points Magnet	5/8	16.0	21	70	105	10 / 200
363521	6 points Rubber	13/16	20.8	27.7	70	145	12 / 120
366521	6 points Magnet	13/16	20.8	27.7	70	150	12 / 120
367014	12 points Metal clip	-	14.0	18.5	63	65	10 / 200
367016	12 points Metal clip	5/8	16.0	21.0	70	100	10 / 200
367018	12 points Metal clip	-	18.0	23.8	63	97	12 / 120
367021	12 points Metal clip	13/16	20.8	27.7	70	178	12 / 120
367514	6 points Metal clip	-	14.0	18.5	63	69	10 / 200
367516	6 points Metal clip	5/8	16.0	21.0	70	100	10 / 200
367518	6 points Metal clip	-	18.0	23.8	63	97	12 / 120
367521	6 points Metal clip	13/16	20.8	27.7	70	180	12 / 120

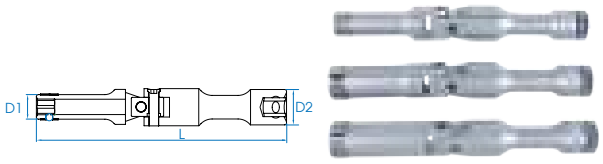




Glow Plug Socket & Set

3785M 3/8"

- The socket has a Sprung-loaded clip with ball bearing end to stop the glow plug from falling out
- Suitable for the removal of glow plugs in most diesel engines



KT NO.	mm	D1 mm	D2 mm	L mm		
378508M	8	13.5	17.8	120	120	10 / 100
378509M	9	13.5	17.8	127	120	10 / 100
378510M	10	13.5	17.8	128	120	10 / 100
378512M	12	17.8	17.8	136	120	10 / 100
378514M	14	17.8	17.8	142	120	10 / 100
378516M	16	19.8	17.8	157	120	10 / 100

3716MR 3/8"

Blow case size (mm):
260 x 160 x 64 (0.094 cuft)

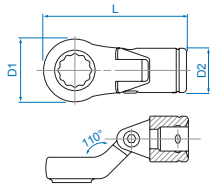
6 PC.

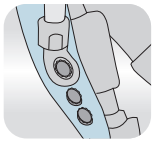
Contents	1.23	1 / 10
3785M	8, 9, 10, 12, 14, 16	

Flexible Ring Socket Wrench & Set

3350M — 3/8"

- Flexible head folds up to 200°
- Combined with F-handle, handle, T-handle speed-handle
- Suitable for all hydraulic, fuel, oil brake, A/C, auto tool and air line work
- DIN 3120



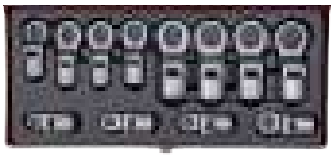


KT NO.	mm	D1 mm	D2 mm	L mm	g	pc/box
335008M	8	15.0	18.8	45.0	44	12 / 360
335009M	9	18.0	18.8	49.0	49	12 / 360
335010M	10	18.0	18.8	49.0	48	12 / 360
335011M	11	22.0	18.8	53.0	58	12 / 360
335012M	12	22.0	18.8	53.0	58	12 / 360
335013M	13	26.0	18.8	60.0	83	12 / 240
335014M	14	26.0	18.8	60.0	80	12 / 240
335015M	15	27.0	18.8	60.0	77	12 / 240
335016M	16	32.0	24.7	73.5	160	6 / 96
335017M	17	33.0	24.7	73.5	159	6 / 96
335018M	18	33.0	24.7	73.5	155	6 / 96
335019M	19	32.0	24.7	73.5	154	6 / 96

3602MR — 3/8"

Metal case size (mm):
296 x 130 x 41 (0.056 cuft)

12 PC.



Contents — 1.89 kg — 1 / 10

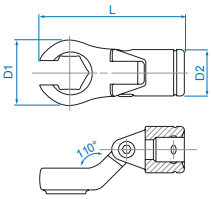
3350M 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

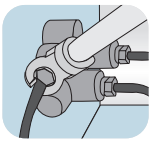
Flexible Crowfoot Socket Wrench & Set

KT No. & D1

3351M — 3/8"

- Flexible head folds up to 200°
- Combined with F-handle, handle, T-handle speed-handle
- Suitable for all hydraulic, fuel, oil brake, A/C, auto tool and air line work
- DIN 3120





KT NO.	mm	D1 mm	D2 mm	L mm	g	pc/box
335108M	8	15.0	18.8	45.0	44	12 / 360
335109M	9	18.0	18.8	49.0	47	12 / 360
335110M	10	18.0	18.8	49.0	47	12 / 360
335111M	11	22.0	18.8	53.0	56	12 / 360
335112M	12	22.0	18.8	53.0	55	12 / 360
335113M	13	26.0	18.8	60.0	77	12 / 240
335114M	14	26.0	18.8	60.0	75	12 / 240
335115M	15	27.0	18.8	60.0	75	12 / 240
335116M	16	32.0	24.7	73.5	152	6 / 96
335117M	17	33.0	24.7	73.5	149	6 / 96
335118M	18	33.0	24.7	73.5	155	6 / 96
335119M	19	33.3	24.7	73.5	152	6 / 96

3612MR — 3/8"

Metal case size (mm):
296 x 130 x 41 (0.056 cuft)

12 PC.

Contents — 1.89 kg — 1 / 10

3351M 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

Universal Socket

- Chrome vanadium alloy steel

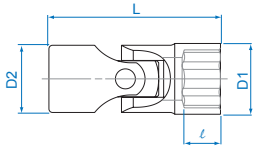
3750M

- DIN 3120

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pc/box
375010M	10	14.5	18.8	9.0	48.0	59	15 / 240
375011M	11	15.8	18.8	10.0	48.0	57	15 / 240
375012M	12	17.0	18.8	10.0	48.0	56	15 / 240
375013M	13	18.3	18.8	11.0	48.0	56	15 / 240
375014M	14	19.8	18.8	11.0	49.5	58	12 / 192
375015M	15	21.6	18.8	13.0	49.5	64	10 / 160
375016M	16	21.8	18.8	13.0	51.0	63	10 / 160
375017M	17	23.7	18.8	14.0	52.5	67	8 / 128
375018M	18	25.3	18.8	14.0	53.4	64	6 / 96
375019M	19	25.7	18.8	16.0	55.8	73	6 / 96

KT No. & D1

3750S — 3/8"



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	pc/box
375012S	3/8	14.1	18.8	8.5	45.9	57	15 / 240
375014S	7/16	15.9	18.8	10.0	48.9	57	15 / 240
375016S	1/2	18.2	18.8	11.0	47.6	57	15 / 240
375018S	9/16	19.8	18.8	12.5	49.5	58	12 / 192
375020S	5/8	21.5	18.8	13.5	50.5	63	10 / 160
375022S	11/16	23.7	18.8	14.0	52.8	67	8 / 128
375024S	3/4	25.4	18.8	16.5	54.8	73	6 / 96

Bit Socket

- Socket made by chrome vanadium alloy steel
- Bit made by silicon alloy steel (S2)
- Polished, chrome plated

CAUTION

In order to get normal life of bit socket,
Always use within limited torque to bit.

3021 — 3/8"

- Phillips head
- DIN ISO 8764-1

KT NO.	No.	Overall length mm	g	/
302102	PH2	50	35	20 / 400
302103	PH3	50	36	20 / 400
302104	PH4	50	37	20 / 400

3022 — 3/8"

- Slotted head
- DIN ISO 8764-1

KT NO.	Tip width mm	Tip thickness mm	Overall length mm	g	/
302205	5	1.0	50	36	20 / 400
302208	8	1.2	50	37	20 / 400
302210	10	1.6	50	38	20 / 400

3025 — 3/8"

- Hexagon head
- DIN 7422 / 3120

KT NO.	mm	Overall length mm	g	/
302503	H3	50	28	20 / 400
302504	H4	50	30	20 / 400
302505	H5	50	34	20 / 400
302506	H6	50	38	20 / 400
302507	H7	50	38	20 / 400
302508	H8	50	40	20 / 400
302509	H9	50	40	20 / 400
302510	H10	50	40	20 / 400
302512	H12	50	42	20 / 400

3023 — 3/8"

- For torx internal screw
- DIN 3120

KT NO.	mm	Overall length mm	g	/
302308	T8	50	28	20 / 400
302309	T9	50	28	20 / 400
302310	T10	50	28	20 / 400
302315	T15	50	28	20 / 400
302320	T20	50	30	20 / 400
302325	T25	50	34	20 / 400
302327	T27	50	38	20 / 400
302330	T30	50	38	20 / 400
302340	T40	50	40	20 / 400
302345	T45	50	40	20 / 400
302350	T50	50	42	20 / 400

3027 — 3/8"

- For tamper resistant torx screw
- DIN 3120

KT NO.	mm	Overall length mm	g	/
302708	T8H	50	28	20 / 400
302709	T9H	50	28	20 / 400
302710	T10H	50	28	20 / 400
302715	T15H	50	28	20 / 400
302720	T20H	50	30	20 / 400
302725	T25H	50	34	20 / 400
302727	T27H	50	38	20 / 400
302730	T30H	50	38	20 / 400
302740	T40H	50	40	20 / 400
302745	T45H	50	40	20 / 400
302750	T50H	50	42	20 / 400

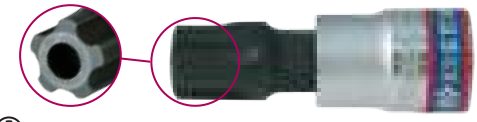
3039 — 3/8"

- Ribe bit socket
- Use for VW, Audi, Fiat cylinder head bolt
- DIN 3120

KT NO.	size	Overall length mm	g	/
303904	M4	90	68	8 / 160
303905	M5	90	69	8 / 160
303906	M6	90	71	8 / 160
303907	M7	90	72	8 / 160
303908	M8	90	88	8 / 160
303909	M9	90	89	8 / 160
303910	M10	90	90	8 / 160

302D — 3/8"

- For torx plus tamper screw
- IPR20 for the operation of the screwed connection of the plug-in pump on MERCEDES-BENZ Atego and Actros MAZDA 3 1.4 and 1.6
- IPR25 for the screwed connections at the control unit and the air flow sensor on VW
- DIN 3120



KT NO.	mm	Overall length mm	g	/
302D08	IPR8	50	33	20 / 400
302D09	IPR9	50	33	20 / 400
302D10	IPR10	50	34	20 / 400
302D15	IPR15	50	34	20 / 400
302D20	IPR20	50	34	20 / 400
302D25	IPR25	50	34	20 / 400
302D27	IPR27	50	34	20 / 400
302D30	IPR30	50	34	20 / 400
302D40	IPR40	50	38	20 / 400
302D45	IPR45	50	38	20 / 400
302D50	IPR50	50	40	20 / 400
302D55	IPR55	50	47	20 / 400
302D60	IPR60	50	51	15 / 300

Ratchet

- Material
  - chrome vanadium alloy steel handle
  - chrome molybdenum steel (gear) driver
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

KT No. & D1

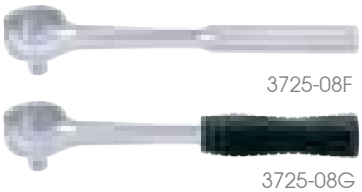
3725

FINE GEAR 3/8"

- Reversible ratchet
- 8° gear action degree (45 teeth)
- DIN 3122

KT NO.	Overall length inch	mm	g	pcs / box
3725-08F	8	203	333	2 / 40
3725-08G	8	207	387	2 / 32
3725DK	renewal kits		-	-

3725DK



3725-08F

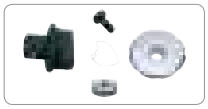
3725-08G

3755

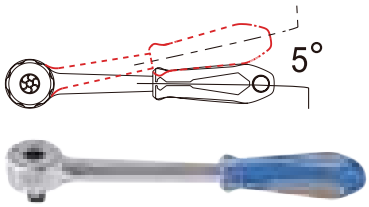
FINE GEAR 3/8"

- Reversible ratchet
- 5° gear action degree (72 teeth)
- DIN 3122

KT NO.	Overall length inch	mm	g	pcs / box
3755-08G	8	200	201	2 / 40
3755DK	renewal kits		-	-



3755DK



3755-08G

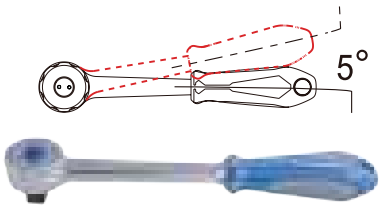
3756

QUICK RELEASE FINE GEAR 3/8"

- Quick release reversible ratchet
- 5° gear action degree (72 teeth)
- DIN 3122

KT NO.	Overall length inch	mm	g	pcs / box
3756-08G	8	200	387	2 / 40
3756DK	renewal kits		-	-

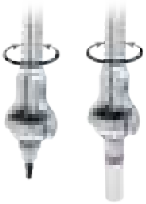
3756DK



3752

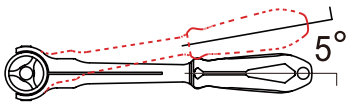
QUICK RELEASE FINE GEAR 3/8"

- Quick release flexible and reversible ratchet
- 5° gear action degree (72 teeth)
- Multi-angle design for difficult-to-reach fasteners



KT NO.	Overall length inch	mm	g	pcs / box
3752-09G	9	235	378	2 / 32
3752DK	renewal kits		-	-

3752DK



3752-09G

3760

MINI RATCHET FINE GEAR 3/8"

- Mini reversible ratchet
- 6° gear action degree (64 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	mm	g	pcs / box
3760-45	4-3/8	110	120	6 / 108
3760DK	renewal kits		-	-

3760DK

3760-45

Ratchet

- Material
  - chrome vanadium alloy steel handle
  - chrome molybdenum steel (gear) driver
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

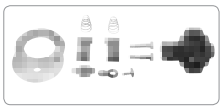
KT No. & D1

3761

QUICK RELEASE 3/8"

- Quick release reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	
3761-08F	8	200	358	2 / 40
3761-08P	8	200	333	2 / 40
3761DK	renewal kits		-	-



3761DK

3761-08F

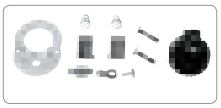
3761-08P

3769

3/8"

- Reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	
3769-08F	8	200	358	2 / 40
3769-08P	8	200	358	2 / 40
3769DK	renewal kits		-	-



3769DK

3769-08F

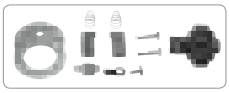
3769-08P

3771

QUICK RELEASE 3/8"

- Quick release reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	
3771-08F	8	200	370	2 / 40
3771-08G	8	200	272	2 / 40
3771DK	renewal kits		-	-



3771DK

3771-08F

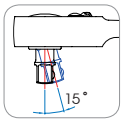
3771-08G

3774 new

3/8"

- Universal joint reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122
- 15° rotation

KT NO.	Overall length inch	Overall length mm	g	
3774-08F	8	200	370	2 / 40
3774-08G	8	200	299	2 / 40
3774DK	renewal kits		-	-



3774DK

3774-08F

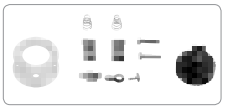
3774-08G

3779

3/8"

- Reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	
3779-08F	8	200	355	2 / 40
3779-08G	8	200	280	2 / 40
3779DK	renewal kits		-	-



3779DK

3779-08F

3779-08G

Ratchet

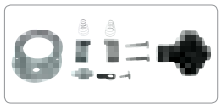
KT No. & D1

3781

QUICK RELEASE 3/8"

- Quick release flexible and reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	mm	g	|/
3781-11F	11	280	467	2 / 40
3781-11P	11	280	432	2 / 40
3781DK	renewal kits		-	-



3781DK

3781-11F

3781-11P

Accessory

- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated & black phosphate sunk

KT No. & D1

3221

3/8"

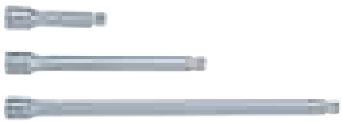
- Extension bar
- DIN 3123

KT NO.	Overall length inch	mm	g	|/
3221-16	1-3/4	44	39	12 / 360
3221-03	3	75	75	12 / 240
3221-06	6	150	146	6 / 120
3221-10	10	250	240	6 / 96
3221-18	18	450	428	1 / 50
3221-24	24	600	570	1 / 50

3223

3/8"

- Offset extension bar
- Max. torque:150 Nm
- DIN 3123



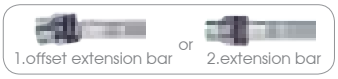
CAUTION The offset extension bar has less strength than normal extension bar. Do not use as a normal extension bar.

KT NO.	Overall length inch	mm	g	|/
3223-14	1-1/2	38	41	14 / 224
3223-02	2	50	51	12 / 360
3223-03	3	75	75	12 / 240
3223-06	6	150	146	6 / 120
3223-10	10	250	240	6 / 96

3293

3/8"

- Multi-function of extension bar and offset extension bar
- Max. torque:150 Nm



1.offset extension bar or 2.extension bar

KT NO.	Overall length inch	mm	g	|/
3293-03	3	75	80	12 / 240
3293-06	6	150	140	6 / 120
3293-10	10	250	240	6 / 96

KT No. & D1

3311

3/8"

- Flexible extension bar
- DIN 3120

KT NO.	Overall length inch	mm	g	|/
3311-06	6	150	148	5 / 100
3311-12	12	300	172	12 / 108

KT No. & D1

3452

- Flexible handle
- Action degree -180°
- DIN 3122

3452DK

3452-08F
3452-10F

3452-08G
3452-10G

KT NO.	Overall length inch	mm	g	|/
3452-08F	8	205	259	4 / 80
3452-08G	8	205	278	2 / 40
3452-10F	10	250	319	4 / 64
3452-10G	10	250	325	4 / 64
3452DK	renewal kits		-	-

3571

3/8"

- Sliding T-handle
- DIN 3122

KT No. & D1

KT NO.	Overall length inch	mm	g	|/
3571-08	8	200	182	4 / 80

Accessory

- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated

3792 3/8"

- Universal joint
- DIN 3123

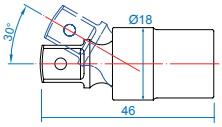
KT No. & D1

KT NO.	Overall length inch	Overall length mm	g	
3792	2	50	67	15 / 300

3794 3/8"

- Universal joint
- 30° rotation
- Short pattern design enables greater access in confined spaces

KT No. & D1



KT NO.	Overall length inch	Overall length mm	g	
3794	1-4/5	46	45	15 / 300

3812 3814 3/8"

- Adapter
- Convert to 1/4" drive or 1/2" drive
- 3812→Max. torque:81 Nm
- DIN 3123, ISO 3316

KT No. & D1

3812 / 3814

KT NO.	Spec.	g	
3812	3/8"Fx1/4"M	31	12 / 192
3814	3/8"Fx1/2"M	47	12 / 360

3148 3/8"

- Bit holder
- DIN 3120 / 3126

KT NO.	Size	Overall length mm	g	
314808S	1/4"	30	33	12 / 360
314810S	5/16"	30	35	12 / 360
314810M	10 mm	30	35	12 / 360

Socket Rail Set

3013MR 3013SR 3/8"
3513MR

13 PC.

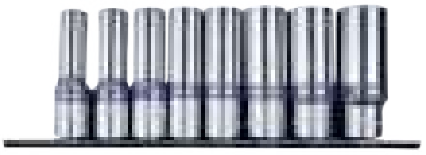
- Socket rail 290mmL

KT NO.	Contents			kg 0.52	35
3013MR	○	3330M	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		
3013SR	○	3330S	1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16		8731213
3513MR	○	3335M	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		

3508MR10 3/8"

8 PC.

- Socket rail 210mmL



Contents			kg 0.65	24
○	3235M	10, 11, 12, 13, 14, 16, 17, 19		
	8730808			

3106PR 3/8"

6 PC.

- Socket rail 150mmL

Contents			kg 0.28	40
✪	3375M	E8, E10, E12, E14, E16, E18		
	8730606			

3116PR 3/8"

6 PC.

- Socket rail 150mmL

Contents			kg 0.39	50
✪	3275M	E4, E5, E8, E10, E12, E14		
	8730606			

3129PR 3/8"

9 PC.

- Socket rail 210mmL

Contents			kg 0.27	40
✪	3375M	E4, E5, E6, E7, E8, E10, E12, E14, E16		
	8730809			

Socket Rail Set

Packing

3109PR8 / 3119PR8 / 3149PR8 / 3131PR8

3121PR 3/8"

- Socket rail 290mmL

11 PC.

Contents — 0.32 kg — 35

3375M	E4, E5, E6, E7, E8, E10, E11, E12, E14, E16, E18
8731213	

3108PR8 3/8"

- Socket rail 210mmL
- For hex head screw
- H : 50mm

8 PC.

Contents — 0.34 kg — 50

3025	H3, H4, H5, H6, H7, H8 H10, H12
8730808	

3118PR 3/8"

- Socket rail 210mmL
- For torx head screw
- H : 50mm

8 PC.

Contents — 0.34 kg — 50

3023	T15, T20, T25, T27, T30, T40, T45, T50
8730808	

3109PR8 3/8"

- Socket rail 210mmL
- For torx head screw
- H : 50mm

9 PC.

Contents — 0.36 kg — 50

3023	T10, T15, T20, T25, T27, T30, T40, T45, T50
8730809	

3119PR8 3/8"

- Socket rail 210mmL
- For tamper resistant torx head screw
- H : 50mm

9 PC.

Contents — 0.36 kg — 50

3027	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H
8730809	

3131PR8 3/8"

- Socket rail 210mmL
- For tamper resistant torx head screw
- H : 50mm

11 PC.

Contents — 0.4 kg — 48

3027	T8H, T9H, T10H, T15H,T20H, T25H, T27H, T30H, T40H, T45H, T50H
8730811	

3146PR 3/8"

- Socket rail 150mmL
- For torx plus tamper resistant head screw
- H : 50mm

6 PC.

Contents — 0.36 kg — 50

302D	IPR10, IPR15, IPR20, IPR25, IPR27, IPR30
8730606	

3149PR8 3/8"

- Socket rail 210mmL
- For torx plus tamper resistant head screw
- H : 50mm

9 PC.

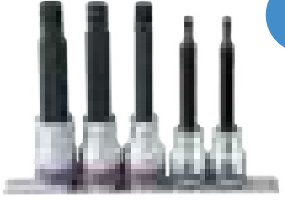
Contents — 0.36 kg — 50

302D	IPR10, IPR15, IPR20, IPR25, IPR27, IPR30, IPR40, IPR45, IPR50
8730809	

3105PR 3/8"

- 3/8" + 1/2" drive ribe bit socket set
- Socket rail 150mmL
- For ribe head screw
- H : 100mm

5 PC.



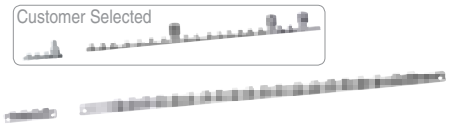
Contents — 0.75 kg — 30

3039	M7, M8
4049	M10, M12, M13
8740606	

Socket Rail

873 3/8"

- Rail length from 160 mm to 560 mm



KT NO.	L (mm)
870406	160
870311	280
870422	560
8730	-

Extension Bar Set

3113PR 3/8"

3 PC.

Contents — 0.5 kg — 35

3221	3", 6", 10"

3103PR 3/8"

3 PC.

Contents — 0.4 kg — 35

3223	3", 6", 10"

Socket Set

- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated & black phosphate sunk

3007MR01 3/8"

5 PC.

Contents — 0.98 kg — 20

366516	3781-11F
366021	3221-06 3221-16

Socket Set

3213MR new 3/8"

13 PC.

Contents — 0.81 kg — 20

3330M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19
3755-08G	3221-06

3508MR 3/8"

Metal case size (mm):
203 x 79 x 41 (0.023 cuft)

8 PC.

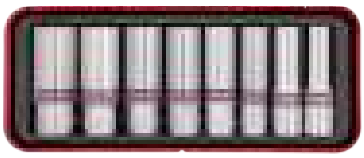
Contents — 1.0 kg — 20

3235M	10, 11, 12, 13, 14, 16, 17, 19

3508SR 3/8"

Metal case size (mm):
203 x 79 x 41 (0.023 cuft)

8 PC.



Contents — 1.0 kg — 20

3235S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16

Socket Set

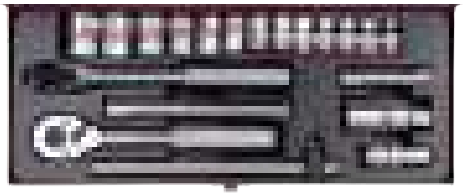
3020MR | 3020SR | 3020MR02 3/8"
3020SR02 | 3520MR | 3520MR02 3/8"

Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

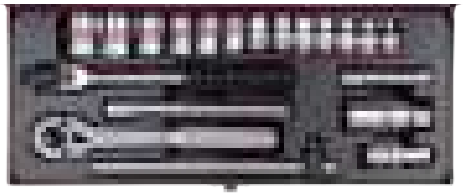
20 PC.

3020MR / 3520MR

3020MR02 / 3520MR02



3020SR



3020SR02

KT NO.		Contents					Kg	
3020MR	3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 22	363021	3769-08F	3452-08F	3221-03 3221-06	2.5	1 / 6
3020MR02				3779-08F	3452-08G		2.8	
3020SR	3330S	1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 11/16, 3/4, 13/16, 7/8		3769-08F	3452-08F	3571-08	2.5	
3020SR02				3779-08F	3452-08G		2.8	
3520MR	3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 23	363521	3769-08F	3452-08F	3792	2.5	
3520MR02				3779-08F	3452-08G		2.8	

3023MR

Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

KT NO.	Contents					Kg 2.8	1 / 6
3023MR	3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22	3769-08F	3452-08F	3571-08		
3523MR	3335M			3221-03 3221-06	3792		

3523MR 3/8"

22 PC.

3023MR / 3523MR

3523MRV10

Tray category #10 (375 x 140mm) 3/8"

Plastic case size (mm) :
389 x 185 x 66 (0.168 Cuft)

23 PC.

Contents				Kg 2.43	1 / 10
3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24				
3771-08G		3792			
3571-08		3452-08G			
3293-03 3293-06					

Socket Set

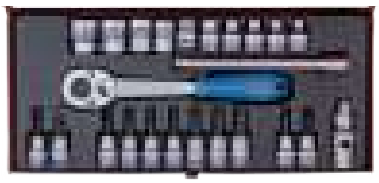
3024MR | 3024SR | 3524MR 3/8"

24 PC.

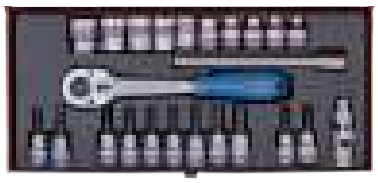
Metal case size (mm) :
318 x 147 x 46 (0.076 cuft)

2.2 | 1 / 10

KT NO.	Contents		
3024MR	3330M	6, 7, 8, 9, 10, 11, 13, 14, 17, 19	3021 PH2,PH3 3022 5,8 3025 H3, H4, H5, H6, H7, H8, H10 3779-08G 3221-06 3792
3524MR	3335M		
3024SR	3330S	1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	



3024MR/3524MR



3024SR

3027MR | 3027SR | 3527MR 3/8"

26 PC.

Metal case size (mm) :
318 x 147 x 46 (0.076 cuft)

2.6 | 1 / 10

KT NO.	Contents			
3027MR	3330M	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	3235M 8, 10, 11, 12, 13, 14, 16, 17, 19	3779-08G 3221-03 3812 3792
3527MR	3335M			
3027SR	3330S	1/4, 5/16, 11/32, 3/8, 7/16,15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16		
	3235S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16		

3027MR/3527MR

3027SR

3034MR | 3534MR 3/8"

36 PC.

Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

3.1 | 1 / 6

KT NO.	Contents		
3034MR	3330M	6, 7, 8, 9, 10, 11, 13, 14, 17, 19	3375M E4, E5, E6, E7, E8, E10, E12, E14, E16, E18 3792 3023 T8, T9, T10, T15, T20, T25, T27, T30, T40, T45 3221-03 3221-06 3779-08G 3452-10F 3571-08
3534MR	3335M		

3036CR 3/8"

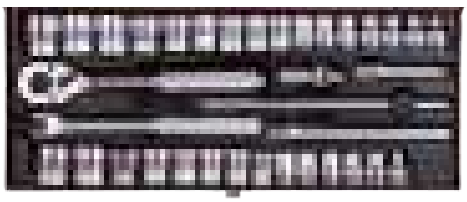
36 PC.

Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

3.27 | 1 / 6

Contents	
3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22
3330S	1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8

3769-08F | 3452-08F | 3571-08 | 3221-03 3221-06 | 3792



Socket Set

3537MR 3/8"

Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

39 PC.

Contents		3.17 kg	1 / 6
3023		T8, T9, T10, T15, T20, T25, T27, T30, T40, T45	
3335M		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19	
3375M		E4, E5, E6, E7, E8, E10, E12, E14, E16, E18	
3779-08G	3452-10F	3571-08	3792	3221-03 3221-06

3054MR new 3/8"

Blow case size (mm) :
340 x 263 x 80 (0.25cuft)

54 PC.

Contents		3.85 kg	1 / 3
3330M		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22	
3235M		8, 10, 12, 13, 14	
1025T		T10, T15, T20, T25, T30, T40, T45 T50	
3670		16, 21	
1145MR		H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	
14A1		PH2 x 100	
14A2		5.5 x 100	
1060		8, 10, 12, 13, 14, 17, 19	
3771-08G	3792	3221-03 3221-06	
314808S	6111-06		

3568MR 3/8"

Metal shelf size (mm) :
415 x 336 x 320 (1.58 cuft)

268 PC.

Contents		Each Q'ty
3335M	8,9,10,11,12,13	10
	14,15,16,17,18,19	8
	21,22,23,24	6
3235M	7,8,9,10,11,12,13	10
	14,15,16,17,18,19	8
	21,22,24	6

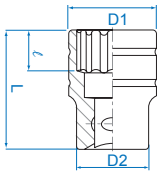
KT NO.	Spec.	kg	Cuft
3568MR-A	87102	6.85	0.67
3568MR-D	268 PC. socket content	16.93	0.38

Standard Socket

KT No. & D1

4330MR 4330SR 1/2"

- Metric-DIN 3124, ISO 2725-1
- Inch-ANSI / ASME B107.1

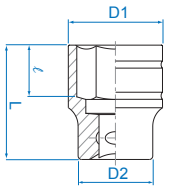


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
433008MR	8	13.2	23.3	7.0	38	57	10 / 200
433009MR	9	14.0	23.3	7.0	38	60	10 / 200
433010MR	10	15.0	23.3	8.0	38	58	10 / 200
433011MR	11	16.4	23.3	8.0	38	58	10 / 200
433012MR	12	17.8	23.3	9.0	38	60	10 / 200
433013MR	13	19.0	23.3	10.0	38	60	10 / 200
433014MR	14	20.4	23.3	11.0	38	61	10 / 200
433015MR	15	21.6	23.3	11.0	38	62	10 / 200
433016MR	16	22.5	23.3	11.0	38	63	10 / 200
433017MR	17	24.0	23.2	12.0	38	66	10 / 200
433018MR	18	25.2	23.2	13.0	38	66	10 / 200
433019MR	19	27.0	23.2	13.0	38	73	10 / 160
433020MR	20	27.9	23.2	13.0	38	86	10 / 160
433021MR	21	28.9	23.2	14.0	38	97	10 / 160
433022MR	22	30.2	24.0	15.0	40	99	10 / 160
433023MR	23	31.2	25.0	15.0	40	99	8 / 160
433024MR	24	32.1	26.0	17.0	42	113	8 / 160
433025MR	25	33.4	27.0	17.0	42	125	8 / 160
433026MR	26	35.0	28.0	17.0	42	130	6 / 120
433027MR	27	36.6	28.0	19.0	42	135	6 / 120
433028MR	28	37.8	30.0	20.0	42	151	6 / 120
433029MR	29	39.0	30.0	21.0	44	169	6 / 120
433030MR	30	40.0	29.5	21.0	44	169	6 / 120
433032MR	32	42.5	30.0	23.0	44	173	6 / 120
433033MR	33	43.0	30.0	24.0	46	217	6 / 96
433034MR	34	45.0	30.0	24.0	46	231	6 / 96
433036MR	36	47.0	33.0	24.0	46	238	6 / 96

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
433010SR	5/16	13.2	21.8	7.0	38	55	10 / 200
433012SR	3/8	15.0	21.8	7.0	38	59	10 / 200
433013SR	13/32	15.0	23.3	7.0	38	58	10 / 200
433014SR	7/16	16.4	23.3	8.0	38	60	10 / 200
433015SR	15/32	18.0	23.3	8.0	38	62	10 / 200
433016SR	1/2	19.0	23.3	10.0	38	62	10 / 200
433018SR	9/16	20.4	23.3	11.0	38	62	10 / 200
433019SR	19/32	21.6	23.3	11.0	38	64	10 / 200
433020SR	5/8	22.5	23.3	11.0	38	62	10 / 200
433022SR	11/16	24.0	23.2	12.0	38	70	10 / 200
433024SR	3/4	27.0	23.2	13.0	38	83	10 / 160
433025SR	25/32	28.0	23.2	13.0	38	85	10 / 160
433026SR	13/16	28.6	23.2	13.0	38	95	10 / 160
433028SR	7/8	30.2	24.0	15.0	40	102	10 / 160
433030SR	15/16	32.6	26.0	17.0	42	112	8 / 160
433032SR	1	34.8	26.8	17.0	42	130	8 / 160
433034SR	1-1/16	36.6	28.0	19.0	42	135	6 / 120
433036SR	1-1/8	39.0	30.0	21.0	44	160	6 / 120
433038SR	1-3/16	40.0	29.5	21.0	44	169	6 / 120
433040SR	1-1/4	42.5	30.0	23.0	44	173	6 / 120
433044SR	1-3/8	46.0	33.0	24.0	46	248	6 / 96

4335MR 4335SR 1/2"

- Metric-DIN 3124, ISO 2725-1
- Inch-ANSI / ASME B107.1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
433506MR	6	12.0	23.3	7.0	38	53	10 / 200
433507MR	7	12.6	23.3	7.0	38	52	10 / 200
433508MR	8	13.2	23.3	7.0	38	61	10 / 200
433509MR	9	14.0	23.3	7.0	38	59	10 / 200
433510MR	10	15.0	23.3	8.0	38	60	10 / 200
433511MR	11	16.4	23.3	8.0	38	60	10 / 200
433512MR	12	17.8	23.3	9.0	38	61	10 / 200
433513MR	13	19.0	23.3	10.0	38	63	10 / 200
433514MR	14	20.4	23.3	11.0	38	63	10 / 200
433515MR	15	21.6	23.3	11.0	38	66	10 / 200
433516MR	16	22.5	23.3	11.0	38	64	10 / 200
433517MR	17	24.0	23.2	12.0	38	68	10 / 200
433518MR	18	25.2	23.2	13.0	38	75	10 / 200
433519MR	19	27.0	23.2	13.0	38	86	10 / 160
433520MR	20	27.9	23.2	13.0	38	95	10 / 160
433521MR	21	28.9	23.2	14.0	38	97	10 / 160
433522MR	22	30.2	24.0	15.0	40	105	10 / 160
433523MR	23	31.2	25.0	15.0	40	118	8 / 160
433524MR	24	32.1	26.0	17.0	42	138	8 / 160
433525MR	25	33.4	27.0	17.0	42	141	8 / 160
433526MR	26	35.0	28.0	17.0	42	158	6 / 120
433527MR	27	36.6	28.0	19.0	42	161	6 / 120
433528MR	28	37.8	30.0	20.0	42	162	6 / 120
433529MR	29	39.0	30.0	21.0	44	199	6 / 120
433530MR	30	40.0	29.5	21.0	44	214	6 / 120
433532MR	32	42.5	30.0	23.0	44	236	6 / 120
433533MR	33	43.0	30.0	24.0	46	227	6 / 96
433534MR	34	45.0	30.0	24.0	46	231	6 / 96
433536MR	36	47.0	33.0	24.0	46	248	6 / 96
433538MR	38	49.0	34.0	25.0	50	241	6 / 60
433539MR	39	50.0	34.0	25.0	50	240	6 / 60
433541MR	41	53.0	36.0	27.0	53	284	6 / 36
433546MR	46	59.0	40.0	30.0	58	500	4 / 32

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
433510SR	5/16	13.2	21.8	7.0	38	60	10 / 200
433512SR	3/8	15.0	21.8	7.0	38	58	10 / 200
433514SR	7/16	16.4	23.3	8.0	38	60	10 / 200
433515SR	15/32	18.0	23.3	8.0	38	63	10 / 200
433516SR	1/2	19.0	23.3	10.0	38	61	10 / 200
433518SR	9/16	20.4	23.3	11.0	38	61	10 / 200
433519SR	19/32	21.6	23.3	11.0	38	65	10 / 200
433520SR	5/8	22.5	23.3	11.0	38	60	10 / 200
433522SR	11/16	24.0	23.2	12.0	38	67	10 / 200
433524SR	3/4	27.0	23.2	13.0	38	87	10 / 160
433525SR	25/32	28.0	23.2	13.0	38	96	10 / 160
433526SR	13/16	28.6	23.2	13.0	38	91	10 / 160
433528SR	7/8	30.2	24.0	15.0	40	102	10 / 160
433530SR	15/16	32.6	26.0	17.0	42	118	8 / 160
433532SR	1	34.8	26.8	17.0	42	143	8 / 160
433534SR	1-1/16	36.6	28.0	19.0	42	167	6 / 120
433536SR	1-1/8	39.0	30.0	21.0	44	163	6 / 120
433538SR	1-3/16	40.0	29.5	21.0	44	214	6 / 120
433540SR	1-1/4	42.5	30.0	23.0	44	226	6 / 120

Socket Set

4072MR 172 PC. | 4072SR 136 PC. | 4572MR 172 PC. | 4572SR 136 PC. | 1/2"

Metal shelf size (mm) :
415x 336 x 320 (1.58 cuft)

4072MR / 4572MR

KT NO.		Contents	Each Q'ty
4072MR	4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	8
		19, 20, 21, 22, 23, 24, 25	7
4572MR	4335MR	26. 27, 28, 29, 30,	6
		32	5
4072SR	4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16	8
		3/4, 25/32, 13/16, 7/8, 15/16	7
4572SR	4335SR	1, 1-1/16, 1-1/8, 1-3/16	6
		1-1/4	5

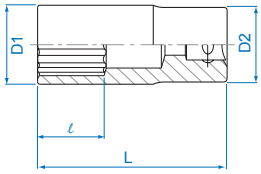
KT NO.	Spec.	kg	Cuft
4072MR -A 4572MR	87103	6.37	0.67
4072MR -D 4572MR	172 PC. socket content	17.73	0.38
4072SR -A 4572SR	87103	6.37	0.67
4072SR -D 4572SR	136 PC. socket content	13.0	0.28

Deep Socket

KT No. & D1

4230M | 4230S | 1/2"

- Metric-DIN 3124, ISO 2725-1
- Inch-ANSI / ASME B107.1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
423008M	8	13.2	22.0	16	77	107	6 / 120
423009M	9	14.0	22.0	16	77	112	6 / 120
423010M	10	15.2	23.7	24	77	116	6 / 120
423011M	11	16.3	23.7	24	77	119	6 / 120
423012M	12	17.7	23.7	24	77	123	6 / 120
423013M	13	18.7	23.7	24	77	125	6 / 120
423014M	14	20.2	23.7	35	77	138	6 / 120
423015M	15	21.3	23.7	35	77	138	6 / 120
423016M	16	22.6	23.7	35	77	147	6 / 96
423017M	17	23.7	23.2	35	77	151	6 / 96
423018M	18	25.5	23.2	35	77	182	6 / 96
423019M	19	25.7	23.2	35	77	176	6 / 96
423020M	20	27.7	24.0	35	77	201	6 / 96
423021M	21	27.7	25.0	35	77	220	6 / 96
423022M	22	29.8	26.0	35	77	205	6 / 96

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
423023M	23	31.2	27.5	35	77	207	5 / 60
423024M	24	31.8	28.5	35	77	195	5 / 60
423025M	25	33.4	29.5	35	77	227	5 / 60
423026M	26	34.8	30.5	35	77	252	5 / 60
423027M	27	36.6	31.5	34	77	304	5 / 60
423028M	28	37.8	32.5	34	77	304	5 / 50
423029M	29	38.8	33.5	34	77	308	5 / 50
423030M	30	39.8	34.5	34	77	319	5 / 50
423032M	32	41.8	36.0	34	77	334	5 / 50
423033M	33	43.8	38.5	35	77	360	5 / 50
new 423034M	34	44.8	38.5	35	77	380	5 / 50
423036M	36	46.8	40.5	36	77	443	2 / 40

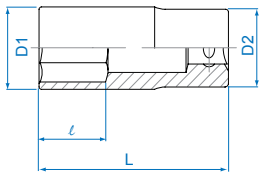
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
423010S	5/16	13.2	22.0	9	77	107	6 / 120
423012S	3/8	14.7	22.0	10	77	116	6 / 120
423014S	7/16	16.3	23.7	12	77	119	6 / 120
423016S	1/2	18.7	23.7	14	77	125	6 / 120
423018S	9/16	20.2	23.7	15	77	138	6 / 120
423020S	5/8	22.6	23.7	17	77	147	6 / 96
423022S	11/16	23.7	23.2	35	77	151	6 / 96
423024S	3/4	25.7	23.2	35	77	176	6 / 96
423026S	13/16	27.7	25.0	37	77	190	6 / 96
423028S	7/8	29.8	26.0	37	77	203	6 / 96
423030S	15/16	31.8	28.5	37	77	205	5 / 60
423032S	1	33.8	29.5	37	77	277	5 / 60
423034S	1-1/16	36.6	31.5	28	77	305	5 / 60
423036S	1-1/8	37.8	32.5	28	77	306	5 / 50
423038S	1-3/16	39.8	34.5	34	77	319	5 / 50
423040S	1-1/4	41.8	36.0	34	77	330	5 / 50

Deep Socket

KT No. & D1

4235M 4235S 1/2"

- Metric-DIN 3124, ISO 2725-1
- ANSI / ASME B107.1

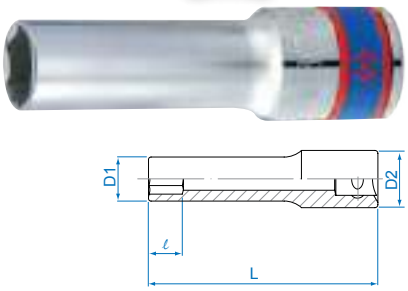


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
423508M	8	13.2	22.0	16	77	113	6 / 120
423509M	9	14.0	22.0	16	77	114	6 / 120
423510M	10	15.2	23.7	24	77	116	6 / 120
423511M	11	16.3	23.7	24	77	118	6 / 120
423512M	12	17.7	23.7	24	77	125	6 / 120
423513M	13	18.7	23.7	24	77	124	6 / 120
423514M	14	20.2	23.7	35	77	127	6 / 120
423515M	15	21.3	23.7	35	77	140	6 / 120
423516M	16	22.6	23.7	35	77	139	6 / 96
423517M	17	23.7	23.2	35	77	132	6 / 96
423518M	18	25.5	23.2	35	77	136	6 / 96
423519M	19	25.7	23.2	35	77	151	6 / 96
423520M	20	27.7	24.0	35	77	194	6 / 96
423521M	21	27.7	25.0	35	77	163	6 / 96
423522M	22	29.8	26.0	35	77	166	6 / 96
423523M	23	31.2	27.5	35	77	208	5 / 60
423524M	24	31.8	28.5	35	77	212	5 / 60
423525M	25	33.4	29.5	35	77	224	5 / 60
423526M	26	34.8	30.5	35	77	244	5 / 60
423527M	27	36.6	31.5	34	77	270	5 / 60
423528M	28	37.8	32.5	34	77	312	5 / 50
423529M	29	38.8	33.5	34	77	309	5 / 50
423530M	30	39.8	34.5	34	77	307	5 / 50
423532M	32	41.8	36.0	34	77	334	5 / 50
423533M	33	43.8	38.5	35	77	346	5 / 50
423536M	36	46.8	40.5	36	77	410	2 / 40
423538M	38	49.0	40.5	38	77	490	2 / 40
423541M	41	53.0	40.5	40	77	665	2 / 24

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
423510S	5/16	13.2	22.0	16	77	116	6 / 120
423512S	3/8	14.7	22.0	16	77	116	6 / 120
423514S	7/16	16.3	23.7	24	77	118	6 / 120
423516S	1/2	18.7	23.7	24	77	130	6 / 120
423518S	9/16	20.2	23.7	35	77	138	6 / 120
423520S	5/8	22.6	23.7	35	77	139	6 / 96
423522S	11/16	23.7	23.2	35	77	115	6 / 96
423524S	3/4	25.7	23.2	35	77	140	6 / 96
423526S	13/16	27.7	25.0	35	77	163	6 / 96
423528S	7/8	29.8	26.0	35	77	166	6 / 96
423530S	15/16	31.8	28.5	35	77	195	5 / 60
423532S	1	33.8	29.5	35	77	277	5 / 60
423534S	1-1/16	36.6	31.5	34	77	239	5 / 60
423536S	1-1/8	37.8	32.5	34	77	309	5 / 50
423538S	1-3/16	39.8	34.5	34	77	307	5 / 50
423540S	1-1/4	41.8	36.0	34	77	334	5 / 50
423542S	1-5/16	44.0	38.5	35	77	377	5 / 50
423544S	1-3/8	46.0	38.5	35	77	401	2 / 40
423546S	1-7/16	47.5	40.5	36	77	424	2 / 40
423548S	1-1/2	49.0	40.5	38	77	496	2 / 40

4245M EXTENDED LENGTH 1/2"

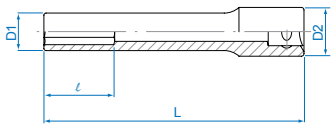
- DIN 3120



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
424508M	8	13.2	22.0	9.0	90	110	6 / 120
424509M	9	14.0	22.0	10.0	90	113	6 / 120
424510M	10	15.2	23.7	11.0	90	133	6 / 120
424512M	12	17.7	23.7	13.0	90	155	6 / 120
424513M	13	18.7	23.7	14.0	90	157	6 / 120
424514M	14	20.2	23.7	15.0	90	162	6 / 120

4255M EXTENDED LENGTH 1/2"

- DIN 3120



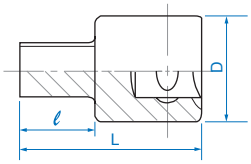
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
425508M	8	13.2	22.0	9	120	135	6 / 96
425509M	9	14.0	22.0	10	120	145	6 / 96
425510M	10	15.2	23.7	11	120	162	6 / 96
425512M	12	17.7	23.7	13	120	200	6 / 96
425513M	13	18.7	23.7	14	120	202	6 / 96
425514M	14	20.2	23.7	15	120	217	6 / 96

Square Socket

KT No. & D1

4014M 1/2"

- DIN 3120



KT NO.	mm	D mm	ℓ mm	L mm	g	pcs/box
401408M	RB8.0	23.5	13.5	35	60	10 / 200
401409M	RB9.5	23.5	13.5	35	68	10 / 200
401410M	RB10.0	23.5	13.5	35	72	10 / 200
401411M	RB10.5	23.5	13.5	35	78	10 / 200
401412M	RB12.0	23.5	13.5	35	90	10 / 200
401413M	RB12.7	23.5	13.5	35	97	10 / 200
401414M	RB13.5	23.5	13.5	35	106	10 / 200
401419M	RB19.0	25.0	15.5	40	130	10 / 160

Deep Socket

4066MR 165 PC. | 4066SR 114 PC. | 4566MR 165 PC. 1/2"

Metal shelf size (mm) :
415x 336 x 320 (1.58 cuft)

4066MR / 4566MR

KT NO.		Contents	Each Q'ty
4066MR	4230M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	8
		19, 20, 21, 22, 23, 24	7
4566MR	4235M	26, 27, 28, 29, 30	6
		32	5
4066SR	4230S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16	8
		3/4, 13/16, 7/8, 15/16, 1	7
		1-1/16, 1-1/8, 1-3/16	6
		1-1/4	5

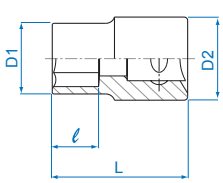
KT NO.	Spec.	kg	Cuft
4066MR-A 4566MR-A	87103	5.87	0.62
4066MR-D 4566MR-D	165 PC. socket content	30.70	0.63
4066SR -A	87103	5.87	0.62
4066SR -D	114 PC. socket content	21.0	0.47

Star Socket

KT No. & D1

4375M 1/2"

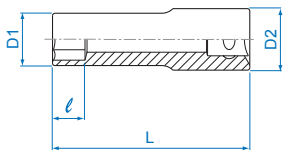
- For torx external screw
- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
new 437508M	E08	11.4	23.8	7.0	37	60	10 / 200
437510M	E10	13.2	23.8	7.5	37	60	10 / 200
437512M	E12	15.0	23.8	9.0	37	62	10 / 200
437514M	E14	16.4	23.8	10.0	37	64	10 / 200
437516M	E16	18.8	23.8	11.0	37	68	10 / 200
437518M	E18	20.5	23.8	12.5	39	72	10 / 200
437520M	E20	22.8	23.8	14.0	39	74	10 / 200
437522M	E22	24.6	23.8	16.0	39	75	10 / 200
437524M	E24	26.5	23.8	16.0	39	83	10 / 160

4275M 1/2"

- Long type
- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
new 427508M	E08	11.4	23.8	7.0	77	109	6 / 120
427510M	E10	13.2	23.8	7.5	77	109	6 / 120
427512M	E12	15.0	23.8	9.0	77	119	6 / 120
427514M	E14	16.4	23.8	10.0	77	125	6 / 120
427516M	E16	18.8	23.8	11.0	77	138	6 / 120
427518M	E18	20.5	23.8	12.5	77	149	6 / 120
427520M	E20	22.8	23.8	14.0	77	167	6 / 120
427522M	E22	24.6	23.8	16.0	77	172	6 / 96
427524M	E24	26.5	23.8	16.0	77	191	6 / 96

Spark Plug Socket

KT No. & D1

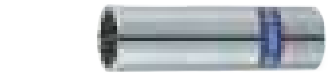
4630 **4635** **4660** **4665** 1/2"

4670 **4675**

- 6 / 12 points
- Size combined
  - 16.0mm (5/8")
  - 20.8mm (13/16")
- Inside sleeve
  - rubber
  - magnet
- DIN 3120
- 14mm use for Toyota Yaris, Vios

Magnet

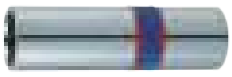
KT NO.	Type	Size inch	Size mm	D mm	L mm		
463014RC	12 points Rubber	-	14.0	19.05	70	70	12 / 240
463016R	12 points Rubber	5/8	16.0	20.75	70	110	10 / 200
466016	12 points Magnet	5/8	16.0	20.75	70	115	10 / 200
463514RC	6 points Rubber	-	14.0	19.05	70	70	12 / 240
463516R	6 points Rubber	5/8	16.0	20.75	70	110	10 / 200
466516	6 points Magnet	5/8	16.0	20.75	70	115	10 / 200
463021R	12 points Rubber	13/16	20.8	27.7	70	160	12 / 120
466021	12 points Magnet	13/16	20.8	27.7	70	165	12 / 120
463521R	6 points Rubber	13/16	20.8	27.7	70	155	12 / 120
466521	6 points Magnet	13/16	20.8	27.7	70	160	12 / 120
467014C	12 points Metal clip	-	14.0	19.05	70	70	12 / 240
467016	12 points Metal clip	5/8	16.0	20.75	70	110	10 / 200
467021	12 points Metal clip	13/16	20.8	27.7	70	165	12 / 120
467514C	6 points Metal clip	-	14.0	19.05	70	70	12 / 240
467516	6 points Metal clip	5/8	16.0	20.75	70	110	10 / 200
467521	6 points Metal clip	13/16	20.8	27.7	70	168	12 / 120


463014RC - Thin walled design

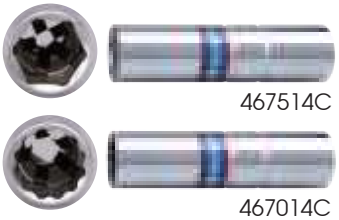
463514RC - Thin walled design

463016R- Thin walled design

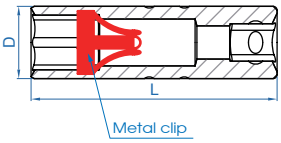
466016 - Thin walled design


463516R - Thin walled design

466516 - Thin walled design


467514C

467014C

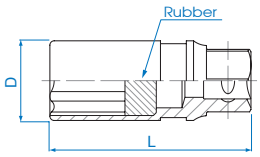


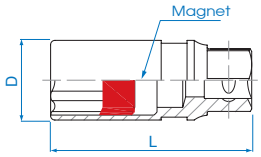
463021R

466021

463521R

466521



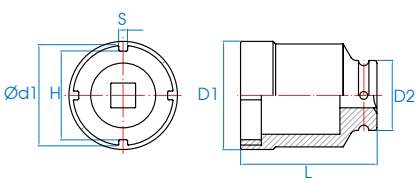


Axial Lock Nut Socket

- Material - chrome vanadium steel
- Finishing - phosphate sunk

44K9M 1/2"

- Specially for SKF bearing



KT NO.	Designation	mm	H mm	S mm	D1 mm	D2 mm	Ød1 mm	L mm		
44K928M	TMFS 3	28	24.4	3.8	36	30	30	90	382	1 / 24
44K932M	TMFS 4	32	28.4	3.8	38	30	34	90	378	1 / 24
44K938M	TMFS 5	38	34.4	4.8	46	30	40	90	559	1 / 24

Bit Socket

4021 1/2"

- Phillips head
- DIN ISO 8764-1

KT NO.	No.	Overall length mm		
402102	PH2	60	77	10 / 180
402103	PH3	60	77	10 / 180
402104	PH4	60	77	10 / 180

4022 1/2"

- Slotted head
- DIN ISO 5264 / 3120

KT NO.	Tip width mm	Tip thickness mm	Overall length mm		
402208	8	1.2	60	77	10 / 180
402210	10	1.6	60	83	10 / 180
402212	12	2.0	60	110	10 / 180
402214	14	2.5	60	112	10 / 180
402216	16	2.5	60	113	10 / 180

4025 1/2"

- Hexagon head
- DIN 7422

KT NO.	mm / Inch	Overall length mm		
402503	H3	60	68	10 / 180
402504	H4	60	68	10 / 180
402505	H5	60	70	10 / 180
402506	H6	60	72	10 / 180
402507	H7	60	75	10 / 180
402508	H8	60	75	10 / 180
402509	H9	60	79	10 / 180
402510	H10	60	85	10 / 180
402512	H12	60	117	10 / 180
402514	H14	60	120	10 / 180
402517	H17	66	153	10 / 100
402519	H19	66	225	10 / 120
402506S	3/16	60	66	10 / 180
402507S	7/32	60	68	10 / 180
402508S	1/4	60	69	10 / 180
402509S	9/32	60	70	10 / 180
402510S	5/16	60	74	10 / 180
402512S	3/8	60	83	10 / 180
402514S	7/16	60	100	10 / 180
402516S	1/2	60	110	10 / 180
402518S	9/16	66	157	12 / 120
402520S	5/8	66	162	12 / 120
402524S	3/4	66	225	10 / 120

4035 1/2"

- Hexagon head
- DIN 7422

KT NO.	mm	Overall length mm		
403504	H4	80	90	6 / 120
403505	H5	80	90	6 / 120
403506	H6	80	90	6 / 120
403507	H7	80	90	6 / 120
403508	H8	80	93	6 / 120
403509	H9	80	97	6 / 120
403510	H10	80	107	6 / 120
403511	H11	80	140	6 / 120
403512	H12	80	145	6 / 120
403514	H14	80	145	6 / 120
403517	H17	80	200	6 / 120
403519	H19	80	245	6 / 96

CAUTION

In order to get normal life of bit socket, always use within limited torque to bit.

KT No. & D1

- Socket made by chrome vanadium alloy steel
- Bit made by silicon alloy steel (S2)
- Polished, chrome plated

40D5 1/2"

- Hexagon head
- DIN 7422

KT NO.	mm	Overall length mm		
40D506	H6	140	102	6 / 120
40D508	H8	140	104	6 / 120
40D510	H10	140	133	6 / 120

40D0 1/2"

- Hexagon with ball point head

KT NO.	mm	Overall length mm		
40D006	H6	140	101	6 / 120
40D008	H8	140	103	6 / 120
40D010	H10	140	132	6 / 120

4026 4036 1/2"

4046 4066

- Spline head
- DIN 3120

KT NO.	Size	Overall length mm		
402605	M5	60	70	10 / 180
402606	M6	60	72	10 / 180
402608	M8	60	73	10 / 180
402610	M10	60	85	10 / 180
402612	M12	60	113	10 / 180
402614	M14	60	117	10 / 180
new 402616	M16	60	145	10 / 120
new 402618	M18	60	196	10 / 120
403605	M5	80	74	6 / 120
403606	M6	80	85	6 / 120
403608	M8	80	90	6 / 120
403610	M10	80	107	6 / 120
403612	M12	80	142	6 / 120
403614	M14	80	134	6 / 120
404605	M5	100	82	6 / 120
404607	M7	100	84	6 / 120
404608	M8	100	85	6 / 120
404610	M10	100	113	6 / 120
404612	M12	100	138	6 / 120
404614	M14	100	170	6 / 120
406608	M8	140	109	6 / 120
406609	M9	140	138	6 / 120
406610	M10	140	138	6 / 120
406612	M12	140	175	6 / 120
406614	M14	140	213	6 / 120
406616	M16	140	301	6 / 72

Bit Socket

- Socket made by chrome vanadium alloy steel
- Bit made by silicon alloy steel (S2)
- Polished, chrome plated

404108 1/2"

- Spline head
- DIN 3120
- Use for Toyota Tercel cylinder head bolt

KT NO.	Size	Overall length mm	g	
404108	M8.9	100	129	6 / 120

402A 1/2"

- Pentagon head
- For using on most vehicles fitting brake system

KT NO.	Size	Overall length mm	g	
402A10	10	60	85	10 / 180

402B 1/2"

- Spline head
- Tamper resistant type
- For gearbox and sump plugs of Audi A4/A6/A3, Golf IV/LT of VW

KT NO.	Size	Overall length mm	g	
402B16	M16	66	150	10 / 120
402B18	M18	66	201	10 / 120

4023 4033 1/2"

- For torx internal screw
- DIN 3120

4023

4033

KT NO.	Size	Overall length mm	g	
402320	T20	60	72	10 / 180
402325	T25	60	72	10 / 180
402327	T27	60	72	10 / 180
402330	T30	60	75	10 / 180
402340	T40	60	75	10 / 180
402345	T45	60	80	10 / 180
402350	T50	60	82	10 / 180
402355	T55	60	85	10 / 180
402360	T60	60	115	10 / 180
402370	T70	60	116	10 / 180
403320	T20	80	78	6 / 120
403325	T25	80	79	6 / 120
403327	T27	80	80	6 / 120
403330	T30	80	80	6 / 120
403340	T40	80	81	6 / 120
403345	T45	80	81	6 / 120
403350	T50	80	82	6 / 120
403355	T55	80	99	6 / 120
403360	T60	80	134	6 / 120
403370	T70	80	143	6 / 120

CAUTION

In order to get normal life of bit socket, always use within limited torque to bit.

KT No. & D1

4027 4037 1/2"

- For tamper resistant torx screw
- DIN 3120

4027

4037

KT NO.	Size	Overall length mm	g	
402720	T20H	60	72	10 / 180
402725	T25H	60	72	10 / 180
402727	T27H	60	72	10 / 180
402730	T30H	60	75	10 / 180
402740	T40H	60	75	10 / 180
402745	T45H	60	80	10 / 180
402750	T50H	60	82	10 / 180
402755	T55H	60	85	10 / 180
402760	T60H	60	115	10 / 180
403720	T20H	80	78	6 / 120
403725	T25H	80	79	6 / 120
403727	T27H	80	80	6 / 120
403730	T30H	80	80	6 / 120
403740	T40H	80	81	6 / 120
403745	T45H	80	81	6 / 120
403750	T50H	80	82	6 / 120
403755	T55H	80	99	6 / 120
403760	T60H	80	134	6 / 120

4049 1/2"

- Use for VW, Audi, Fiat cylinder head bolt

KT NO.	Size	Overall length mm	g	
404904	M4	100	94	6 / 120
404905	M5	100	95	6 / 120
404906	M6	100	96	6 / 120
404907	M7	100	97	6 / 120
404908	M8	100	98	6 / 120
404909	M9	100	100	6 / 120
404910	M10	100	106	6 / 120
404925	M10.5	100	110	6 / 120
404912	M12	100	132	6 / 120
404913	M13	100	162	6 / 120
404914	M14	100	164	6 / 120
404916	M16	100	166	6 / 120

Ratchet

- Material
  - chrome vanadium alloy steel handle
  - chrome molybdenum steel (gear) driver
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

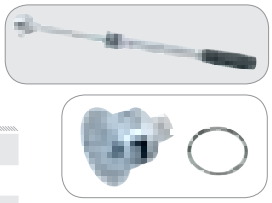
KT No. & D1

4725

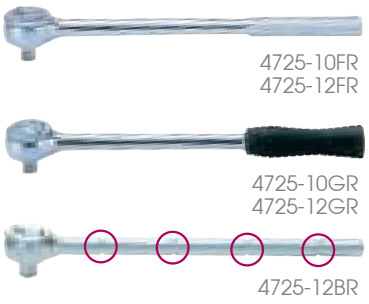
FINE GEAR 1/2"

- Reversible ratchet
- 8° gear action degree(45 teeth)
- DIN 3122

KT NO.	Overall length inch	mm	g	
4725-10FR	10	250	573	2 / 40
4725-10GR	10	250	617	1 / 20
4725-12FR	12	300	642	2 / 40
4725-12GR	12	300	762	1 / 20
4725-12BR	12	300	644	2 / 40
4725DKR01	renewal kits		-	-



4725DKR01



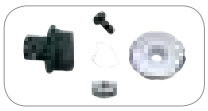
4725-10FR
4725-12FR
4725-10GR
4725-12GR
4725-12BR

4755

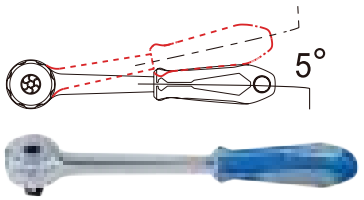
FINE GEAR 1/2"

- Reversible ratchet
- 5° gear action degree (72 teeth)
- DIN 3122

KT NO.	Overall length inch	mm	g	
4755-10G	10	250	542	1 / 20
4755DK	renewal kits		-	-



4755DK



4755-10G

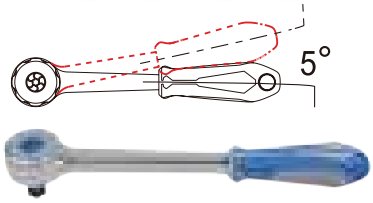
4756

QUICK RELEASE FINE GEAR 1/2"

- Quick release reversible ratchet
- 5° gear action degree (72 teeth)
- DIN 3122

KT NO.	Overall length inch	mm	g	
4756-10G	10	250	572	1 / 20
4756DK	renewal kits		-	-

4756DK



4756-10G

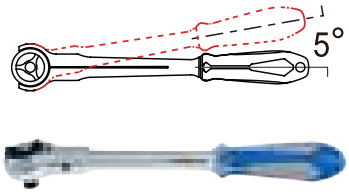
4752

QUICK RELEASE FINE GEAR 1/2"

- Quick release flexible and reversible ratchet
- 5° gear action degree (72 teeth)
- Multi-angle design for difficult-to-reach fasteners

KT NO.	Overall length inch	mm	g	
4752-12G	12	300	635	1 / 20
4752DK	renewal kits		-	-

4752DK



Ratchet Set

9415GR

1/4" + 3/8" + 1/2"

Paper display stand size (mm):
405 x 310 x 80 (0.36 cuft)

15 PC.

Contents	kg 5.9	1 / 2
2752-06G x 5		
3752-09G x 5		
4752-12G x 5		

Ratchet

- Material
  - chrome vanadium alloy steel handle
  - chrome molybdenum steel (gear) driver
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

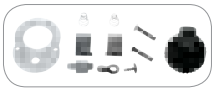
KT No. & D1

4760

FINE GEAR | MINI RATCHET | 1/2"

- Mini reversible ratchet
- 6° gear action degree (64 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	pcs / box
4760-05	4-3/4	120	222	5 / 90
4760-05G	5-1/2	140	210	4 / 72
4760DK	renewal kits		-	-



4760DK

4760-05

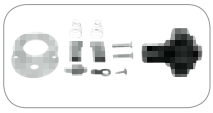
4760-05G

4762

QUICK RELEASE | 1/2"

- Quick release reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	pcs / box
4762-10G	10	250	532	5 / 30
4762-10F	10	250	590	6 / 36
4762-10P	10	250	563	6 / 36
4762-15G	15	375	690	5 / 20
4762-15F	15	375	750	6 / 24
4762-15P	15	375	728	6 / 24
4762DK	renewal kits		-	-



4762DK

4762-10G / 4762-15G

4762-10F / 4762-15F

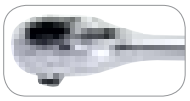
4762-10P / 4762-15P

4767

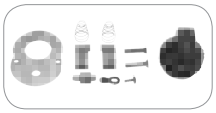
1/2"

- Reversible ratchet
  (19 mm socket included)
- 11° gear action degree (32 teeth)
- Two teeth pawl action

KT NO.	Overall length inch	Overall length mm	g	pcs / box
4767-10F	10	250	563	6 / 36
4767DK	renewal kits		-	-



19mm 12 point



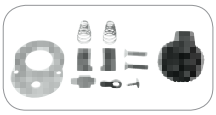
4767DK

4768

1/2"

- Reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	pcs / box
4768-10G	10	250	541	5 / 25
4768-10F	10	250	589	6 / 36
4768-10P	10	250	562	6 / 36
4768-15G	15	375	720	5 / 20
4768-15F	15	375	776	6 / 24
4768-15P	15	375	734	6 / 24
4768DK	renewal kits		-	-



4768DK

4768-10G / 4768-15G

4768-10F / 4768-15F

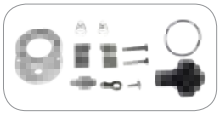
4768-10P / 4768-15P

4771

QUICK RELEASE | 1/2"

- Quick release reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	pcs / box
4771-10BR	10	250	624	2 / 40
4771-10FR	10	250	659	2 / 40
4771-10GR	10	250	548	1 / 20
4771DK	renewal kits		-	-



4771DK

4771-10BR

4771-10FR

4771-10GR

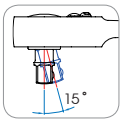
Ratchet

- Material
  - chrome vanadium alloy steel handle
  - chrome molybdenum steel (gear) driver
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

KT No. & D1

4774 new 1/2"

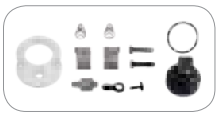
- Universal joint reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122
- 15° rotation



4774-10F

4774-10G

KT NO.	Overall length inch	mm	g	pcs/box
4774-10F	10	250	650	1 / 20
4774-10G	10	250	597	1 / 20
4774DK01	renewal kits		-	-


4774DK01

4779 1/2"

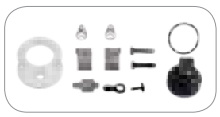
- Reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

4779-10BR

4779-10FR

4779-10GR

KT NO.	Overall length inch	mm	g	pcs/box
4779-10BR	10	250	590	2 / 40
4779-10FR	10	250	615	2 / 40
4779-10GR	10	250	555	1 / 20
4779DK01	renewal kits		-	-


4779DK01

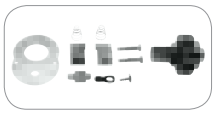
4781 QUICK RELEASE 1/2"

- Quick release flexible and reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN 3122

4781-12F

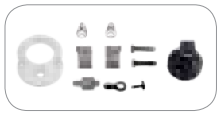
4781-12P

KT NO.	Overall length inch	mm	g	pcs/box
4781-12F	12	300	792	1 / 20
4781-12P	12	300	758	1 / 20
4781DK	renewal kits		-	-


4781DK

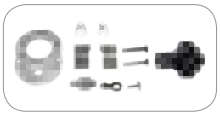
4772 QUICK RELEASE 1/2"

- Design spec. similar to DIN 3122, ISO 3315
- Made from special-purpose drop-forged and hardened aluminium
- Finishing
  - anodic treatment
  - black driver by phosphate sunk
- The mechanism as in all 4771/9 ratchets is made from high-quality steel


4772DK01

4772-10G

4772-10F


4772DK

4772-10GS

4772-10FS

KT NO.	Overall length inch	mm	g	pcs/box
4772-10G	10	250	336	1 / 25
4772-10F	10	250	353	1 / 25
4772DK01	renewal kits		-	-
4772-10GS	10	250	336	1 / 25
4772-10FS	10	250	353	1 / 25
4772DK	push renewal kits		-	-

Accessory

- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated

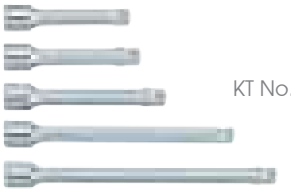
4121 1/2"

- Adjustable handle
- Push-Lock design

KT NO.	Overall length inch	mm	g	
4121-11GR	11-1/2	295	544	1 / 20

4251 1/2"

- Extension bar
- DIN 3123

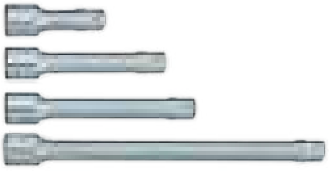


KT No. & D1

KT NO.	Overall length inch	mm	g	
4251-02R	2	55	98	12 / 216
4251-03R	3	75	138	6 / 120
4251-04R	4	100	163	4 / 80
4251-05R	5	125	192	4 / 80
4251-06R	6	150	230	4 / 64
4251-08R	8	200	270	4 / 80
4251-10R	10	250	433	4 / 64

4104PR 1/2"

- Extension bar



4 PC.

Contents 0.84 1 / 25

4251 3" 5" 6" 10"

4221 1/2"

- Extension bar
- DIN 3123

KT NO.	Overall length inch	mm	g	
4221-18	18	450	550	1 / 20
4221-24	24	600	685	1 / 20
4221-30	30	750	860	1 / 20
4221-36	36	900	1030	1 / 20

4223 1/2"

- Offset extension bar
- Max. torque:320 Nm
- DIN 3123

KT No. & D1

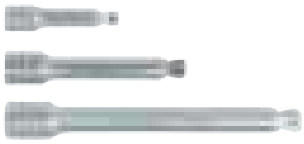
KT NO.	Overall length inch	mm	g	
4223-02R	2	55	94	12 / 216
4223-05R	5	125	198	4 / 80
4223-10R	10	250	357	4 / 80

CAUTION The offset extension bar has less strength than normal extension bar. Do not use as a normal extension bar.

4293 1/2"

- Multi-function of extension bar and offset extension bar
- Max. torque:320 Nm
- DIN 3123

KT No. & D1



KT NO.	Overall length inch	mm	g	
4293-02	2	55	55	12 / 216
4293-05	5	125	200	4 / 80
4293-10	10	250	420	4 / 64

4311 1/2"

- Speed brace
- DIN 3122

4311-16F

4311-16G

KT NO.	Overall length inch	mm	g	
4311-16F	16-1/4	412	545	5 / 40
4311-16G	16-1/4	412	545	5 / 40

4452 1/2"

- Flexible handle
- Action degree -180°
- DIN 3122

4452DK

KT No. & D1

KT NO.	Overall length inch	mm	g	
4452-15FR	15	375	720	2 / 24
4452-18FR	18	450	828	2 / 20
4452-24FR	24	600	1165	1 / 20
4452DK	renewal kits(for 15F/18F)		62	-
4452DK1	renewal kits(for 24F)		62	-

4453 1/2"

- Flexible handle
- Action degree -180°
- New pattern design added in firm and powerful elements
- New forge technologies I-Beam shank offer 15% lightweight
- DIN 3122

KT No. & D1

4452DK

4453-15F

4453-18F

KT NO.	Overall length inch	mm	g	
4453-15F	15	375	600	2 / 24
4453-18F	18	450	700	2 / 20
4452DK	renewal kits(for 15F/18F)		62	-

Accessory

- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated

4462 1/2"

- Flexible handle
- Action degree -180°
- DIN 3122

4462DK

KT No. & D1

KT NO.	Overall length inch	mm	g	
4462-18F	18	463	1046	1 / 20
4462-24F	24	613	1350	1 / 20
4462DK	renewal kits		-	-

4572 1/2"

- Sliding T-handle
- DIN 3122

4572DK

KT No. & D1

KT NO.	Overall length inch	mm	g	
4572-10	10	250	370	2 / 40
4572-12	12	300	433	2 / 40
4572DK	renewal kits		-	-

4573 1/2"

- Sliding T-handle
- DIN 3120

4573DK

KT No. & D1

KT NO.	Overall length inch	mm	g	
4573-10R	10	250	497	2 / 40
4573DK	renewal kits		-	-

4581 1/2"

- 90° L-handle
- DIN 3122

KT No. & D1

KT NO.	Overall length inch	mm	g	
4581-10	10	250	429	1 / 40

4583 1/2"

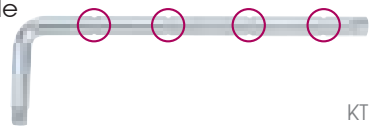
- 105° L-handle
- DIN 3120

KT No. & D1

KT NO.	Overall length inch	mm	g	
4583-12R	12-1/2	315	545	1 / 40

4584 1/2"

- 90° L-handle
- DIN 3120

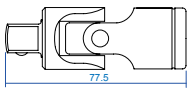


KT No. & D1

KT NO.	Overall length inch	mm	g	
4584-12R	12	300	550	1 / 40

4791R 1/2"

- Univesal joint
- DIN 3120, ISO 3316



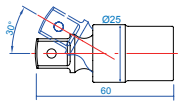
KT No. & D1

KT NO.	Overall length inch	mm	g	
4791R	3	77.5	163	5 / 100

4794 1/2"

- Univesal joint
- 30° rotation
- Short pattern design enables greater access in confined spaces

KT No. & D1



KT NO.	Overall length inch	mm	g	
4794	2-3/8	60	106	5 / 180

4813 4816 1/2"

- Adapter
- Convert to 3/8" drive or 3/4" drive
- 4813 →Max. torque:263 Nm
- DIN 3123, ISO 3316

KT No. & D1

4813
3/8" drive(M)

4816
3/4" drive(M)

← 1/2" drive(F)

KT NO.	Spec.	g	
4813	1/2"Fx3/8"M	61	10 / 200
4816	1/2"Fx3/4"M	114	10 / 200

4148 1/2"

- Bit holder

KT No. & D1

KT NO.	Size	Overall length mm	g	
414808S	1/4"	38	50	10 / 200
414810S	5/16"	38	60	10 / 200
414810M	10 mm	38	65	10 / 200

Socket Rail Set

4010MR 4010SR 4510MR 4510SR 1/2"

▪ Socket rail 230mmL

8 PC.

4010MR/4510MR

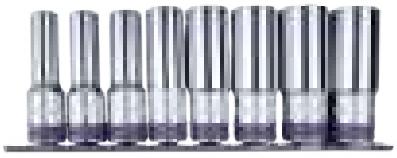
4010SR/4510SR

KT NO.	Contents			
			0.64	40
4010MR	4330MR	10, 12, 13, 14, 17, 19, 21, 22	8740908	
4510MR	4335MR			
4010SR	4330SR	3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8		
4510SR	4335SR			

4208MR10 1/2"

▪ Socket rail 240mmL

8 PC.

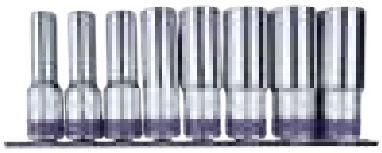


Contents			1.22	14
	4230M	12, 13, 14, 17, 19, 21, 22, 23		
	8741108			

4308MR10 1/2"

▪ Socket rail 240mmL

8 PC.



Contents			1.22	14
	4235M	12, 13, 14, 17, 19, 21, 22, 23		
	8741108			

4106PR 1/2"

▪ Socket rail 230mmL

6 PC.

Contents			0.51	40
	4375M	E10, E12, E14, E16, E18, E20		
	8740906			

4118MR 1/2"

▪ Socket rail 230mmL

8 PC.

Contents			0.57	40
	4014M	RB8, RB9.5, RB10, RB10.5, RB12, RB12.7, RB13.5, RB19		
	8740908			

4311MR 1/2"

▪ Socket rail 230mmL

11 PC.

Contents			0.92	12
	4335MR	10, 11, 13, 14, 15, 17, 18, 19		
	4725-10GR	4572-10		
	4251-05R	8740908		

Bit Socket Rail Set

4110PR10 1/2"

▪ Socket rail 240mmL
▪ For hex head screw
▪ H : 60mm

9 PC.

Contents			0.77	14
	4025	H3, H4, H5, H6, H7, H8, H10, H12, H14		
	8741009			

4110SR10 1/2"

▪ Socket rail 240mmL
▪ For hex head screw
▪ H : 60mm

9 PC.

Contents			1.22	14
	4025S	3/16, 7/32, 1/4, 9/32, 5/16, 3/8, 1/2, 9/16, 5/8		
	8741009			

Bit Socket Rail Set

4120PR10 1/2"

- Socket rail 240mmL
- For hex head screw
- H : 80mm

9 PC.

Contents — 1.0 kg — 14

4035	H4, H5, H6, H7, H8, H10, H12, H14, H17
8741009	

4108PR10 1/2"

- Socket rail 240mmL
- For hex head screw
- H : 60mm

8 PC.

Contents — 0.96 kg — 14

4025	H6, H7, H8, H10, H12, H14, H17, H19
8741009	

4126PR 1/2"

- Socket rail 127mmL
- For spline head screw
- H : 60mm

4 PC.

Contents — 0.38 kg — 50

4026	M6, M8, M10, M12
8740504	

4105PR 1/2"

- Socket rail 150mmL
- For spline head screw
- H : 60 & 66 mm

5 PC.

Contents — 0.57 kg — 50

4026	M8, M10, M12, M14
402B	M16
8740605	

4136PR 1/2"

- Socket rail 127mmL
- For spline head screw
- H : 80mm

4 PC.

Contents — 0.46 kg — 30

4036	M6, M8, M10, M12
8740504	

4109PR10 1/2"

- Socket rail 240mmL
- For torx head screw
- H : 60mm

9 PC.

Contents — 0.74 kg — 14

4023	T20, T25, T27, T30, T40, T45, T50, T55, T60
8741009	

4119PR10 1/2"

- Socket rail 240mmL
- For torx head screw
- H : 80mm

9 PC.

Contents — 0.84 kg — 14

4033	T20, T25, T27, T30, T40, T45, T50, T55, T60
8741009	

4116PR 1/2"

- Socket rail 180mmL
- For ribe head screw
- H : 100mm

6 PC.

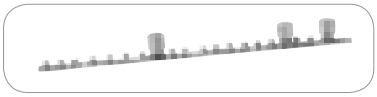
Contents — 0.38 kg — 20

4049	M9, M10, M12, M13, M14, M16
8740706	

Bit Socket Rail Set

874 1/2"

- Rail length from 160 mm to 560 mm



- Customer Selected

KT NO.	L (mm)
870406	160
870410	260
870422	560
8740	-

Socket & Wrench Set

4313MR01 new 1/2"

13 PC.

Contents — 1.55 kg — 10

4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
4771-10GR	4251-06R

4213MR new 1/2"

11 PC.

Contents — 1.39 kg — 16

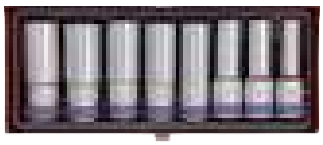
4330MR	10, 11, 12, 13, 14, 17, 19, 21, 22
4766-10G	4251-06R

Socket Set

4208MR 4208SR 4308MR 1/2"

Metal case size (mm) :
246 x 103 x 38 (0.034 cuft)

8 PC.



4208MR / 4308MR

4208SR

KT NO.	Contents	1.75 kg — 1 / 12
4208MR	4230M	12, 13, 14, 17, 19, 21, 22, 23
4308MR	4235M	
4208SR	4230S	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16

Socket Set

4215MR 4315MR 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.107 cuft)

15 PC.

KT NO.	Contents	3.80 kg — 1 / 6
4215MR	4230M	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32
4315MR	4235M	

4216MR 4316MR 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.107 cuft)

16 PC.

KT NO.	Contents	3.68 kg — 1 / 6
4216MR	4230M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32
4316MR	4235M	

Bit Socket Set

4109PR / 4119PR 1/2"

Metal case size (mm) :
198 x 105 x 32 (0.023 cuft)

9 PC.

4109PR

4119PR

KT NO.	Contents			
4109PR	4023	T20, T25, T27, T30, T40, T45, T50, T55, T60	1.04	1 / 20
4119PR	4033		1.13	1 / 20

4110PR / 4120PR 1/2"

Metal case size (mm) :
198 x 105 x 32 (0.023 cuft)

9 PC.

4110PR

4120PR

KT NO.	Contents			
4110PR	4025	H3, H4, H5, H6, H7, H8, H10, H12, H14	1.03	1 / 20
4120PR	4035	H4, H5, H6, H7, H8, H10, H12, H14, H17	1.38	1 / 20

4117PR 1/2"

Metal case size (mm) :
244 x 94 x 40 (0.033 cuft)

7 PC.

Contents — 1.22 — 1 / 8

4026	M6, M8, M10, M12, M14
402B	M16, M18

4128PR 1/2"

Metal case size (mm) :
244 x 94 x 40 (0.038 cuft)

8 PC.

Contents — 1.24 — 1 / 8

4026	M5, M6, M8, M10
402B	M16
4036	M8, M10, M12

4501MR 1/2"

Metal case size (mm) :
392 x 90 x 50 (0.062 cuft)

15 PC.

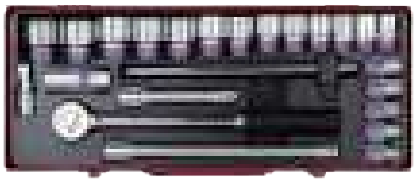
Contents — 3.28 — 1 / 6

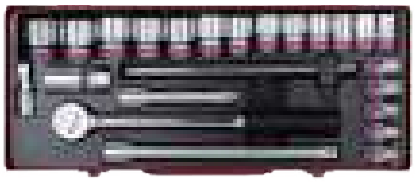
4335MR	8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24, 27
4779-10FR	4251-05R
4452-15FR	

4511MR / 4511SR 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)

24 PC.


4511MR


4511SR

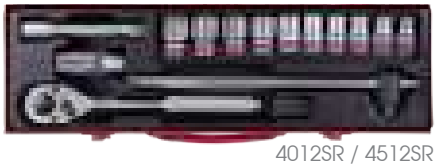
KT NO.	Contents			5.5 — 1 / 4
4511MR	4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463521R 4725-12GR 4572-10 4251-05R 4251-10R 4223-02R	
4511SR	4335SR	3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4		

Socket Set

4012MR | 4012SR | 4512MR | 4512SR — 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.106 cuft)

4012MR / 4512MR



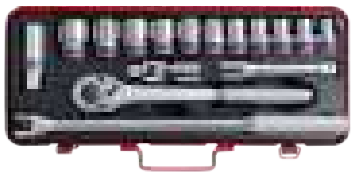
4012SR / 4512SR

14 PC.

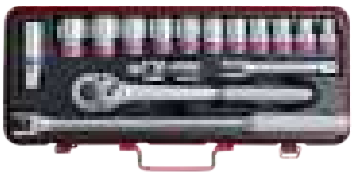
KT NO.		Contents		
				3.50 kg / 1 / 6
4012MR	○ 4330MR	10, 11, 12, 13, 14, 17, 19, 21, 22, 24	○ 463021R	4768-10F
4512MR	○ 4335MR		○ 463521R	4572-12
4012SR	○ 4330SR	3/8, 7/16, 15/32, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 15/16	○ 463021R	4251-05R
4512SR	○ 4335SR		○ 463521R	

4016SR | 4516MR | 4516SR — 1/2"

Metal case size (mm) :
370 x 150 x 54 (0.105 cuft)



4516MR



4016SR / 4516SR

16 PC.

KT NO.		Contents			
				3.68 kg / 1 / 6	
4016SR	○ 4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1-1/16	○ 463021R	4791R	4779-10FR
4516MR	○ 4335MR	10, 11, 12, 13, 14, 17, 19, 21, 23, 24, 27	○ 463521R	4251-05R	
4516SR	○ 4335SR	3/8, 7/16, 15/32, 1/2, 9/16, 5/8, 3/4, 13/16, 15/16, 1, 1-1/16	○ 463521R	4452-15FR	

4220MR | 4320MR — 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.106 cuft)

20 PC.

KT NO.	Contents		3.83 kg / 1 / 6
4220MR	○ 4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27	4755-10G
4320MR	○ 4335MR		4251-05R 4251-10R, 4791R

4325MR — 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)

24 PC.

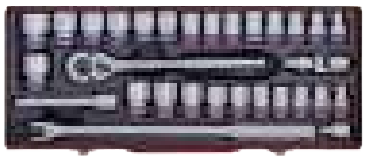
Contents		5.3 kg / 1 / 4
○ 4335MR		10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
4779-10GR	4251-05R 4251-10R, 4791R	
4311-16G	4572-10	

Socket Set

4030CR

4030CR01 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)



4030CR

4030CR01

30 PC.

KT NO.			Contents				1 / 4
4030CR	○	4330MR	10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 30, 32	4768-10P	4452-15FR	4791R	4.90
4030CR01	○	4330SR	7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	4779-10GR	4251-05R	4813	4.92

4024MR

4024SR

4524MR

4524SR

4033MR

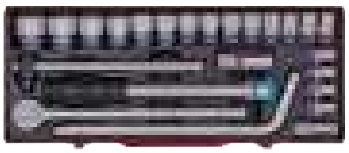
4033SR

4533MR

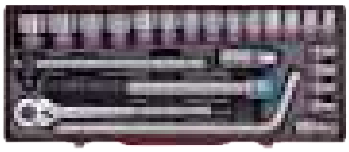
4533SR 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)

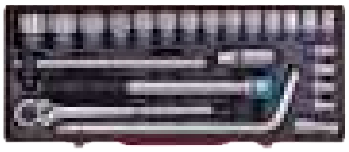
4024SR / 4524SR



4024MR / 4524MR



4033SR / 4533SR



4033MR / 4533MR

24 PC.

KT NO.			Contents				5.7	1 / 4
4033SR	○	4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-3/16, 1-1/4	○ 463021R	4779-10BR	4121-11GR		
4533SR	○	4335SR		○ 463521R				
4033MR	○	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	○ 463021R		4223-02R		
4533MR	○	4335MR		○ 463521R				
4024SR	○	4330SR	3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4	○ 463021R	4725-12BR	4573-10		
4524SR	○	4335SR		○ 463521R				
4024MR	○	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	○ 463021R		4583-12R		
4524MR	○	4335MR		○ 463521R				

4523MRV01

Tray category #8 (375 x 187mm) 1/2"

Plastic case size (mm) :
389 x 230 x 66 (0.208 Cuft)

23 PC.

Contents			3.88	1 / 6
○	4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32		
4771-10GR		4791R		
4572-10		4251-05R 4251-10R		

Socket Set

4526MR15 1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 Cuft)

24 PC.

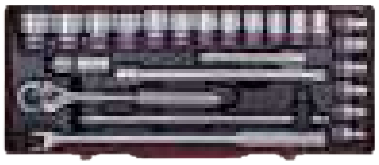
Contents	5.05 kg / 1 / 4
4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32
4779-10FR	4572-12
4452-15FR	4791R
4251-05R 4251-10R	

4026MR 4026SR 4526MR 4526SR
4026MR03 4026SR03 4526MR03 4526SR03
4026MR04 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)

24 PC.

4026MR / 4526MR



4026SR / 4526SR

4026SR03 / 4526SR03

4026MR03 / 4526MR03

4026MR04

KT NO.	Contents	5.95 kg / 1 / 4
4026MR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
4526MR	4335MR	463021R, 463521R, 4768-10F
4026MR03	4330MR	8, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
4526MR03	4335MR	4791R, 4779-10GR, 4452-15FR, 4572-12
4026MR04	4330MR	4755-10G, 4251-05R 4251-10R
4026SR	4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-3/16, 1-1/4
4526SR	4335SR	463021R, 463521R, 4768-10F
4026SR03	4330SR	4791R, 4779-10GR
4526SR03	4330MR	

Socket Set

4028MR 4028SR 4528MR 4528SR

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)

4028MR / 4528MR

4028SR / 4528SR

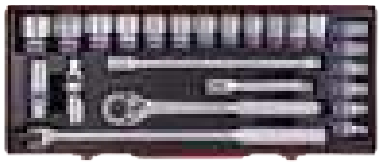
24 PC.

KT NO.		Contents			
4028MR	○ 4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	○ 463021R	4779-10GR	4791R, 4251-05R, 4251-10R
4528MR	○ 4335MR		○ 463521R		
4028SR	○ 4330SR	3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4	○ 463021R	4779-10GR	4572-10
4528SR	○ 4335SR		○ 463521R		

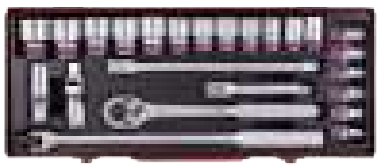
KG 5.3 / 1 / 4

4032MR 4032SR 4532MR 4532SR 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)



4032MR / 4532MR



4032SR / 4532SR

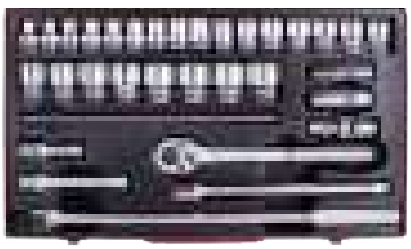
24 PC.

KT NO.		Contents			
4032MR	○ 4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	○ 463021R	4779-10FR, 4452-15FR	4251-05R, 4251-10R, 4791R
4532MR	○ 4335MR		○ 463521R		
4032SR	○ 4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-3/16, 1-1/4	○ 463021R		
4532SR	○ 4335SR		○ 463521R		

KG 5.3 / 1 / 4

4034MR 4534MR 1/2"

Metal case size (mm) :
476 x 282 x 57 (0.147 cuft)



4034MR / 4534MR

33 PC.

KT NO.		Contents			
4034MR	○ 4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	○ 463021R	○ 463516R, 4452-18FR, 4791R, 4251-03R, 4251-05R, 4251-10R, 4572-12, 4779-10FR	
4534MR	○ 4335MR		○ 463521R		

KG 7.6 / 1 / 2

Socket Set

4535MR 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 Cuft)

35 PC.

Contents		4.46	1 / 4
○	4335MR	10, 11, 12, 13, 14, 15, 17, 19, 21, 22, 24, 27, 30, 32	
◉	1836H	H5, H6, H7, H8, H10, H12	
✪	1836T	T25, T27, T30, T40, T45, T50	
⊕	1836P	PH2, PH3	
○	463516R		
○	463514RC		

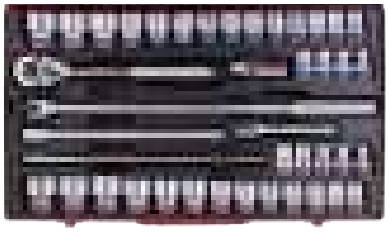
Contents

4251-05R
4251-10R
4771-10GR
4794
414810S

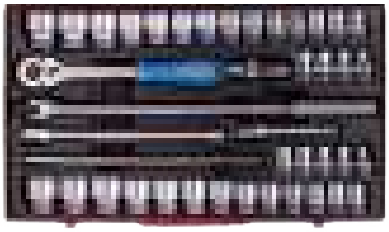
4042CR 4042CR02 4542CR 4542CR02 1/2"

Metal case size (mm) :
476 x 282 x 57 (0.27 cuft)

42 PC.



4042CR / 4542CR



4042CR02 / 4542CR02

KT NO.		Contents	8.5	1 / 2
4042CR	○ 4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4	○ 463021R	4768-10F
	○ 4330SR			
4542CR	○ 4335MR		○ 463521R	
	○ 4335SR			
4042CR02	○ 4330MR		4779-10GR	
	○ 4330SR			
4542CR02	○ 4335MR		4791R	
	○ 4335SR			

4452-18FR
4251-05R
4251-10R
4572-12

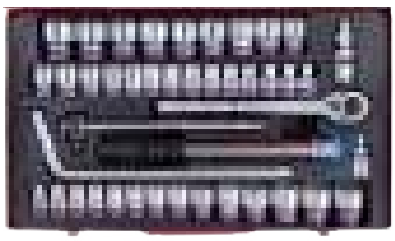
4044CR 4544CR 1/2"

Metal case size (mm) :
476 x 282 x 57 (0.27 cuft)

43 PC.

KT NO.	Contents	8.5	1 / 2
4044CR	○ 4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32	4779-10BR
	○ 4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16, 1-1/4	4573-10
4544CR	○ 4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32	4121-11GR
	○ 4335SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16, 1-1/4	4583-12R

4791R 4223-02R



Socket Set

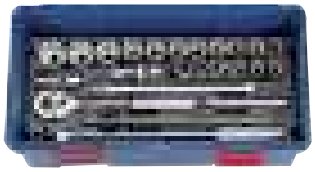
41026MR

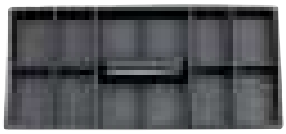
Plastic case size (mm) :
445x 240 x 206 (0.78 cuft)

41026MR

41526MR 1/2"

25 PC.



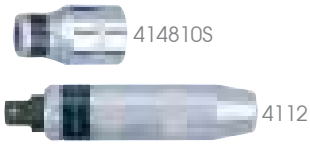


41526MR

KT NO.	Contents							5.7	1
41026MR	○ 4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	○ 463021R	4768-10F	4251-05R 4251-10R	4452-15FR	4572-12	4791R	
41526MR	○ 4335MR		○ 463521R						

4108FR

Metal case size (mm) :
190 x 60 x 48 (0.019 cuft)



4111FR

8 PC.

4108FR

6 PC.

4111FR

4112FR 1/2"

6 PC.

4112FR

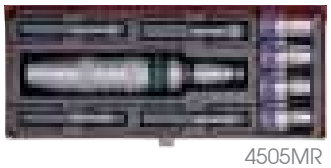
KT NO.	Contents					
4108FR	⊖ 1836S 9, 11	⊕ 1836P PH2, PH3	⊕ 1880P PH2, PH3	4112	1.04	1 / 24
4111FR	⊖ 1880S 8, 10	⊕ 1880P PH2, PH3		414810S	1.00	
4112FR	⊖ 1836S 9, 11	⊕ 1836P PH2, PH3			1.00	

4505MR

Metal case size (mm) :
246x 103 x 38 (0.034 cuft)

4505SR 1/2"

10 PC.



4505MR

4505SR

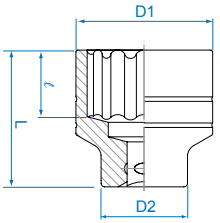
KT NO.			Contents			1.6	1 / 12
4505MR	○ 4335MR	8, 10, 12, 14	⊖ 1836S 9, 11	4112			
4505SR	○ 4335SR	5/16, 3/8, 1/2, 9/16	⊕ 1836P PH2, PH3	414810S			

Standard Socket

KT No. & D1

6330M 6330S 3/4"

- Metric-DIN 3124, ISO 2725-1
- Inch-ANSI / ASME B107.1

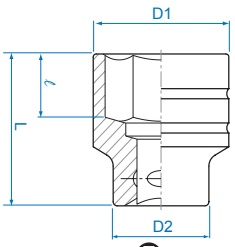


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
633017M	17	26.0	32.7	14	51	187	8 / 96
633019M	19	30.0	32.7	14	51	207	8 / 96
633021M	21	32.0	32.7	16	51	210	8 / 96
633022M	22	33.0	35.7	16	51	209	8 / 96
633023M	23	34.0	35.7	16	51	216	8 / 96
633024M	24	35.0	35.7	17	51	219	8 / 96
633026M	26	35.7	35.0	17	52	243	8 / 96
633027M	27	38.0	36.0	19	52	238	8 / 96
633028M	28	39.0	36.0	19	52	233	8 / 96
633029M	29	40.0	38.0	19	52	261	8 / 96
633030M	30	42.0	38.0	21	54	295	6 / 48
633032M	32	44.0	38.0	23	56	317	6 / 48
633033M	33	46.0	39.0	23	56	351	6 / 48
633034M	34	47.0	42.0	24	57	400	6 / 48
633035M	35	48.0	42.0	25	58	406	6 / 36
633036M	36	50.0	42.0	25	58	434	6 / 36
633038M	38	52.0	45.0	27	60	497	6 / 36
633041M	41	56.0	45.0	29	64	581	4 / 32
633042M	42	57.0	45.0	29	64	591	4 / 32
633046M	46	62.0	48.0	33	68	724	4 / 32
633048M	48	64.0	48.0	34	70	775	2 / 24
633050M	50	68.0	48.0	34	72	889	2 / 24
633054M	54	72.0	50.0	35	75	1070	1 / 20
633055M	55	74.0	50.0	37	76	1115	1 / 20
633058M	58	77.0	50.0	37	78	905	1 / 20
633060M	60	80.0	50.0	40	78	1250	1 / 20
633063M	63	83.0	55.0	40	81	1445	1 / 12
633065M	65	85.0	58.0	43	83	1565	1 / 12
633070M	70	92.0	58.0	46	88	1875	1 / 12

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
633022S	11/16	26	35.7	14	50.8	195	8 / 96
633024S	3/4	30	35.7	14	50.8	225	8 / 96
633026S	13/16	32	35.7	16	50.8	228	8 / 96
633028S	7/8	33	35.7	16	51.0	230	8 / 96
633030S	15/16	35	35.7	17	51.0	240	8 / 96
633032S	1	35	35.7	17	52.0	242	8 / 96
633034S	1-1/16	38	36.0	19	52.0	238	8 / 96
633036S	1-1/8	40	38.0	19	52.0	261	8 / 96
633038S	1-3/16	42	38.0	21	54.0	295	6 / 48
633040S	1-1/4	44	38.0	23	56.0	317	6 / 48
633042S	1-5/16	46	39.0	23	56.0	351	6 / 48
633044S	1-3/8	48	42.0	25	58.0	406	6 / 36
633046S	1-7/16	50	42.0	25	58.0	434	6 / 36
633048S	1-1/2	52	45.0	27	60.0	497	6 / 36
633050S	1-9/16	54	45.0	28	62.0	537	4 / 32
633052S	1-5/8	56	45.0	29	64.0	581	4 / 32
633054S	1-11/16	58	45.0	29	65.0	591	4 / 32
633056S	1-3/4	60	48.0	31	66.0	657	4 / 32
633058S	1-13/16	62	48.0	34	68.0	724	4 / 32
633060S	1-7/8	64	48.0	34	70.0	775	2 / 24
633062S	1-15/16	66	48.0	34	70.0	832	2 / 24
633064S	2	68	48.0	34	72.0	889	2 / 24
633066S	2-1/16	70	50.0	35	74.0	950	1 / 20
633068S	2-1/8	72	50.0	35	75.0	1020	1 / 20
633070S	2-3/16	74	50.0	37	76.0	1120	1 / 20
633072S	2-1/4	76	50.0	37	76.0	1120	1 / 20
633074S	2-5/16	78	50.0	37	78.0	1160	1 / 20
633076S	2-3/8	80	50.0	40	78.0	1240	1 / 20
633078S	2-7/16	82	55.0	40	81.0	1366	1 / 12
633080S	2-1/2	84	55.0	40	81.0	1460	1 / 12
633082S	2-9/16	85	58.0	43	83.0	1510	1 / 12
633084S	2-5/8	86	58.0	43	83.0	1510	1 / 12
633086S	2-11/16	90	58.0	43	85.0	1555	1 / 12
633088S	2-3/4	92	58.0	46	88.0	1865	1 / 12

6335M 3/4"

- DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
633517M	17	26.0	32.7	14	51	187	8 / 96
633518M	18	28.0	32.7	14	51	196	8 / 96
633519M	19	30.0	32.7	14	51	207	8 / 96
633520M	20	31.0	32.7	16	51	209	8 / 96
633521M	21	32.0	32.7	16	51	210	8 / 96
633522M	22	33.0	35.7	16	51	209	8 / 96
633523M	23	34.0	35.7	16	51	216	8 / 96
633524M	24	35.0	35.7	17	51	219	8 / 96
633525M	25	35.0	35.7	17	52	240	8 / 96
633526M	26	35.7	35.0	17	52	243	8 / 96
633527M	27	38.0	36.0	19	52	238	8 / 96
633528M	28	39.0	36.0	19	52	233	8 / 96
633529M	29	40.0	38.0	19	52	261	8 / 96
633530M	30	42.0	38.0	21	54	295	6 / 48
633531M	31	43.0	38.0	23	55	305	6 / 48
633532M	32	44.0	38.0	23	56	317	6 / 48
633533M	33	46.0	39.0	23	56	351	6 / 48
633534M	34	47.0	42.0	24	57	400	6 / 48
633535M	35	48.0	42.0	25	58	406	6 / 36
633536M	36	50.0	42.0	25	58	434	6 / 36
633537M	37	51.0	45.0	25	59	485	6 / 36
633538M	38	52.0	45.0	27	60	497	6 / 36
633539M	39	53.0	45.0	28	61	520	4 / 32
633540M	40	54.0	45.0	28	62	540	4 / 32
633541M	41	56.0	45.0	29	64	581	4 / 32
633542M	42	57.0	45.0	29	64	591	4 / 32
633543M	43	58.0	45.0	29	65	620	4 / 32
633544M	44	60.0	48.0	31	66	695	4 / 32
633545M	45	61.0	48.0	33	67	715	4 / 32
633546M	46	62.0	48.0	33	68	724	4 / 32
633547M	47	63.0	48.0	33	69	755	4 / 32
633548M	48	64.0	48.0	34	70	775	2 / 24
633549M	49	66.0	48.0	34	70	810	2 / 24
633550M	50	68.0	48.0	34	72	889	2 / 24
633551M	51	69.0	50.0	35	73	895	1 / 20

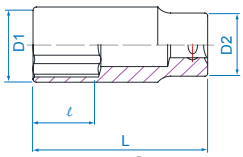
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
633552M	52	69.0	50.0	35	73	905	1 / 20
633553M	53	70.0	50.0	35	74	975	1 / 20
633554M	54	72.0	50.0	35	75	1010	1 / 20
633555M	55	74.0	50.0	37	76	1095	1 / 20
633556M	56	75.0	50.0	37	76	1145	1 / 20
633557M	57	76.0	50.0	37	76	1195	1 / 20
633558M	58	77.0	50.0	37	78	1225	1 / 20
633559M	59	78.0	50.0	37	78	1250	1 / 20
633560M	60	80.0	50.0	40	78	1275	1 / 20
new 633562M	62	82.0	55.0	40	81	1340	1 / 12
633563M	63	83.0	55.0	40	81	1390	1 / 12
new 633564M	64	84.0	55.0	40	81	1380	1 / 12
633565M	65	85.0	58.0	43	83	1510	1 / 12
633570M	70	92.0	58.0	46	88	1805	1 / 12

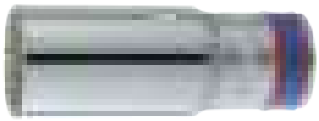
Deep Socket

KT No. & D1

6230M — 3/4"

- DIN 3124, ISO 2725-1

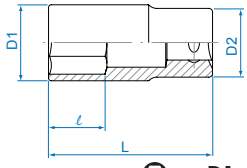


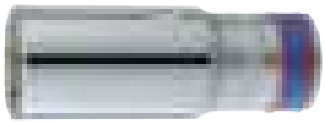


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
new 623017M	17	26.0	32.7	20	90	388	2 / 48
new 623018M	18	28.0	32.7	20	90	411	2 / 48
new 623019M	19	30.0	32.7	20	90	437	2 / 48
new 623020M	20	31.0	32.7	22	90	440	2 / 48
new 623021M	21	32.0	32.7	22	90	444	2 / 48
new 623022M	22	33.0	35.7	22	90	460	2 / 48
new 623023M	23	34.0	35.7	24	90	462	2 / 48
new 623024M	24	35.0	35.7	24	90	477	2 / 48
new 623025M	25	35.0	35.7	25	90	464	2 / 48
new 623026M	26	35.7	35.0	25	90	433	1 / 24
new 623027M	27	38.0	36.0	28	90	431	1 / 24
new 623028M	28	39.0	36.0	28	90	477	1 / 24
new 623029M	29	40.0	38.0	28	90	502	1 / 24
new 623030M	30	42.0	38.0	31	90	584	1 / 24
new 623031M	31	43.0	38.0	34	90	580	1 / 24
623032M	32	44.0	38.0	34	90	580	1 / 24
623033M	33	46.0	39.0	34	90	646	1 / 24
623036M	36	50.0	42.0	37	90	724	1 / 24
623039M	39	53.0	45.0	41	90	935	1 / 24
623041M	41	56.0	45.0	41	90	864	1 / 24
623046M	46	62.0	48.0	46	95	1093	1 / 10
623050M	50	68.0	48.0	50	95	1220	1 / 10

6235M — 3/4"

- DIN 3124, ISO 2725-1





KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
623517M	17	26.0	32.7	20	90	388	2 / 48
623518M	18	28.0	32.7	20	90	411	2 / 48
623519M	19	30.0	32.7	20	90	437	2 / 48
623520M	20	31.0	32.7	22	90	440	2 / 48
623521M	21	32.0	32.7	22	90	444	2 / 48
623522M	22	33.0	35.7	22	90	460	2 / 48
623523M	23	34.0	35.7	24	90	462	2 / 48
623524M	24	35.0	35.7	24	90	477	2 / 48
623525M	25	35.0	35.7	25	90	464	2 / 48
623526M	26	35.7	35.0	25	90	433	1 / 24
623527M	27	38.0	36.0	28	90	431	1 / 24
623528M	28	39.0	36.0	28	90	477	1 / 24
623529M	29	40.0	38.0	28	90	502	1 / 24
623530M	30	42.0	38.0	31	90	584	1 / 24
623531M	31	43.0	38.0	34	90	580	1 / 24
623532M	32	44.0	38.0	34	90	580	1 / 24
623533M	33	46.0	39.0	34	90	646	1 / 24
623534M	34	47.0	42.0	34	90	717	1 / 24
623535M	35	48.0	42.0	37	90	677	1 / 24
623536M	36	50.0	42.0	37	90	724	1 / 24
623537M	37	51.0	45.0	37	90	891	1 / 24
623538M	38	52.0	45.0	41	90	913	1 / 24
623539M	39	53.0	45.0	41	90	935	1 / 24
623540M	40	54.0	45.0	41	90	911	1 / 24
623541M	41	56.0	45.0	41	90	864	1 / 24
623542M	42	57.0	45.0	46	95	913	1 / 24
623543M	43	58.0	45.0	46	95	971	1 / 10
623544M	44	60.0	48.0	46	95	1066	1 / 10
623545M	45	61.0	48.0	46	95	1073	1 / 10
623546M	46	62.0	48.0	46	95	1093	1 / 10
623547M	47	63.0	48.0	46	95	1102	1 / 10
623548M	48	64.0	48.0	50	95	1093	1 / 10
623549M	49	66.0	48.0	50	95	1035	1 / 10
623550M	50	68.0	48.0	50	95	1220	1 / 10
623551M	51	69.0	50.0	50	95	1282	1 / 10
623552M	52	69.0	50.0	50	95	1244	1 / 10
623553M	53	70.0	50.0	50	95	1262	1 / 10
623554M	54	72.0	50.0	50	95	1342	1 / 10
623555M	55	74.0	50.0	50	95	1268	1 / 10
623556M	56	75.0	50.0	50	95	1440	1 / 10
623557M	57	76.0	50.0	52	100	1555	1 / 10
623558M	58	78.0	50.0	52	100	1540	1 / 10
623559M	59	78.0	50.0	52	100	1604	1 / 10
623560M	60	80.0	50.0	53	100	1662	1 / 10
623563M	63	83.0	55.0	53	100	1680	1 / 6
623565M	65	85.0	58.0	55	100	1735	1 / 6
623570M	70	92.0	58.0	55	100	1979	1 / 6

Bit Socket

KT No. & D1

6023 — 3/4"

- For torx internal screw
- DIN 3120
- E.g. on commercial vehicles and agricultural machinery
- Screw of the steering tie lever on commercial vehicles MAN
- 602380: for M series
- 6023A0: for F series

602360 6023A0

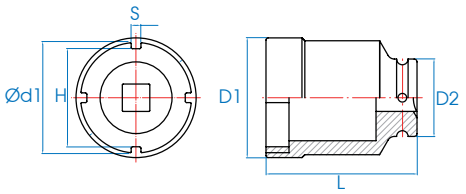
KT NO.	Size	L mm	g	
602360	T60	80	250	2/48
602370	T70	80	255	2/48
602380	T80	80	320	2/48
602390	T90	80	330	2/48
6023A0	T100	80	349	2/48

Axial Lock Nut Socket

KT No. & D1

64K9M — 3/4"

- Special for SKF bearing



KT NO.	Designation	mm	H mm	S mm	D1 mm	D2 mm	Ød1 mm	L mm		
64K975M	TMFS 11	75	69.4	6.8	83.5	54	77	1600	105	1 / 6

Bit Socket

KT No. & D1

6025 — 3/4"

- HEXAGON head
- DIN 7422

L(mm)

602514 602519

KT NO.	mm	L mm		
602514	H14	80	258	2 / 48
602517	H17	80	269	2 / 48
602519	H19	80	278	2 / 48
602522	H22	80	359	2 / 48

Ratchet & Accessory

6724 — 3/4"

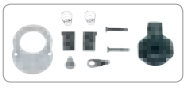
- Reversible ratchet
- 8° gear action degree (45 teeth)
- DIN 3122

6724DK

KT NO.	Overall legth inch	mm		
6724-20F	20	500	2300	1 / 6
6724DK	renewal kits		-	-

6779 — 3/4"

- Reversible ratchet
- 15° gear action degree (24 teeth)
- DIN 3122

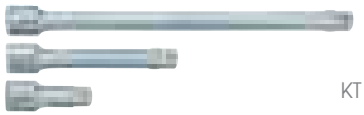


6779DK

KT NO.	Overall legth inch	mm		
6779-20F	20	500	2349	1 / 6
6779DK	renewal kits		-	-

6251 — 3/4"

- Extension bar
- DIN 3123

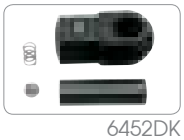


KT No. & D1

KT NO.	Overall legth inch	mm		
6251-04	4	100	400	4 / 40
6251-08	8	200	732	2 / 20
6251-16	16	400	1362	1 / 10

6452 — 3/4"

- Flexible handle
- Action degree -180°
- DIN 3122



6452DK

KT NO.	Overall legth inch	mm		
6452-18F	18	450	1717	1 / 10
6452-30F	30	750	2813	1 / 8
6452DK	renewal kits		-	-

6572 — 3/4"

- Sliding T-handle
- DIN 3122

6572DK

KT NO.	Overall legth inch	mm		
6572-20	20	500	1542	1 / 10
6572DK	renewal kits		-	-

6581 — 3/4"

- 90° L-handle

KT NO.	Overall legth inch	mm		
6581-12	12	300	1307	10
6581-18	18	450	1850	12

6585 — 3/4"

- Double driver L-handle 90°

KT NO.	Overall legth inch	mm		
6585-19	19	478	2021	12

6791 — 3/4"

- Universal joint
- DIN 3123, ISO 3316

KT No. & D1

KT NO.	Overall legth inch	mm		
6791	4-1/4	108	590	2 / 20

6814 — 6818 — 3/4"

- Adapter
- Convert to 1/2" drive or 1" drive
- 6814→Max. torque:666 Nm
- DIN 3123, ISO 3316

KT No. & D1

1/2" drive(M)
1" drive(M)

3/4" drive(F)

6814 / 6818

KT NO.	Spec.		
6814	3/4"F x 1/2"M	131	8 / 96
6818	3/4"F x 1"M	304	6 / 60

Socket Set

6014MR

6314MR 3/4"

Metal case size (mm) :
537 x 177 x 78 (0.26 cuft)

6014MR

6314MR

14 PC.

KT NO.		Contents	
6014MR	6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6779-20F, 6251-08, 6251-16, 6572-20
6314MR	6335M		

Kg 13.8 1

6016MR

6016SR

6316MR 3/4"

Metal case size (mm) :
537 x 177 x 78 (0.26 cuft)

6316MR

6016MR/6016SR

16 PC.

KT NO.		Contents	
6016MR	6330M	21, 22, 23, 24, 27, 30, 32, 36, 38, 41, 46, 50	6779-20F, 6251-08, 6251-16, 6572-20
6316MR	6335M		
6016SR	6330S	7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4, 1-3/8, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2	

Kg 14.0 1

6023MR

6023SR

6323MR 3/4"

Metal case size (mm) :
537 x 177 x 78 (0.26 cuft)

6323MR

6023MR/6023SR

23 PC.

KT NO.		Contents	
6023MR	6330M	21, 22, 23, 24, 26, 27, 28, 29, 30, 32, 34, 35, 36, 38, 41, 46, 50	6779-20F, 6251-04, 6251-08, 6251-16, 6572-20, 6791
6323MR	6335M		
6023SR	6330S	7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-9/16, 1-5/8, 1-3/4 1-13/16, 1-7/8, 2	

Kg 17.1 1

6224CR 3/4"

Metal case size (mm) :
537 x 177 x 78 (0.26 cuft)

24 PC.

KT NO.		Contents	
6224CR	6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6779-20F, 6251-08, 6251-16, 6572-20
	6330S	1, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 2	

Kg 17.9 1

Socket Set

6226CR

Metal case size (mm) :
537 x 177 x 78 (0.26 cuft)

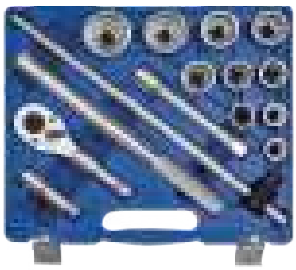
26 PC.

KT NO.		Contents	17.2	1
6226CR	○ 6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6251-04 6251-08	6572-20
	○ 6330S	7/8, 15/16, 1, 1-1/8, 1-3/16, 1-5/16, 1-3/8, 1-7/16, 1-5/8, 1-3/4, 1-7/8, 2		6452-18F

6014MR12 3/4"

Blow case size(mm)
422 x 372 x 92 (0.51 cuft)

14 PC.

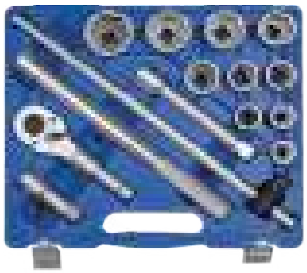


Contents	10.8	1 / 2
○ 6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	
6251-04 6251-08	6779-20F	
6572-20		

6314MR12 3/4"

Blow case size(mm)
422 x 372 x 92 (0.51 cuft)

14 PC.



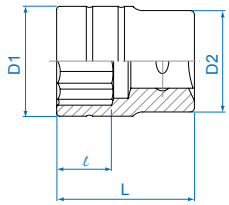
Contents	10.8	1 / 2
○ 6335M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	
6251-04 6251-08	6779-20F	
6572-20		

Standard Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

8330M ○ 1"

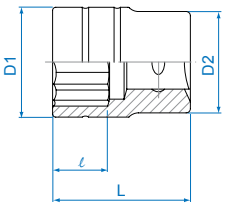
▪ DIN 3124, ISO 2725-1



KT NO.	○ mm	D1 mm	D2 mm	ℓ mm	L mm	g	
833036M	36	52	48	26	65	449	1 / 24
833038M	38	54	48	26	65	478	1 / 24
833041M	41	58	50	29	70	557	1 / 24
833046M	46	65	54	32	75	849	1 / 24
833050M	50	70	54	34	75	996	1 / 20
833054M	54	74	57	38	80	1145	1 / 20
833055M	55	76	57	42	83	1206	1 / 12
833058M	58	79	57	42	83	1263	1 / 12
833060M	60	82	58	46	87	1470	1 / 12
833063M	63	86	58	46	87	1555	1 / 12
833065M	65	88	65	49	90	1670	1 / 12
833067M	67	91	70	49	91	1670	1 / 12
833070M	70	94	70	50	93	2100	1 / 8
833071M	71	95	70	50	93	2068	1 / 8
833075M	75	100	70	50	95	2310	1 / 8
833077M	77	103	80	52	100	2557	1 / 8
833080M	80	107	80	52	100	2580	1 / 8

8330S ○ 1"

▪ ANSI / ASME B107.1



KT NO.	○ inch	D1 mm	D2 mm	ℓ mm	L mm	g	
833046S	1-7/16	52	48	26	65	463	1 / 24
833048S	1-1/2	54	48	26	65	489	1 / 24
833054S	1-11/16	60	54	29	70	680	1 / 24
833060S	1-7/8	67	54	34	75	976	1 / 10
833064S	2	71	54	34	75	988	1 / 10
833072S	2-1/4	78	57	42	83	1212	1 / 12
833076S	2-3/8	82	58	46	87	1437	1 / 12
833084S	2-5/8	90	65	49	90	1693	1 / 12
833094S	2-15/16	100	70	52	95	2242	1 / 8
8330A0S	3-1/8	107	80	52	100	2578	1 / 8

Ratchet

- Material
  - chrome vanadium alloy steel handle
  - chrome molybdenum steel (gear) driver
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

8779 — 1"

- Reversible ratchet
- 15° gear action degree (24 teeth)
- DIN 3122

KT NO.	Overall legth inch	Overall legth mm	g	
8779-32F	32	800	4400	5
8779DK	renewal kits		-	-

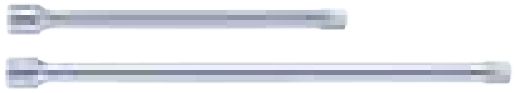
8779DK

Accessory

- Chrome vanadium handle, chrome molybdenum driver
- Chrome plated handle & black phosphate sunk driver

8251 — 1"

- Extension bar
- DIN3123



KT NO.	Overall length inch	Overall length mm	g	
8251-08	8	200	1350	1 / 16
8251-16	16	400	2480	1 / 10

8581 — 1"

- L-handle
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	
8581-26	26	650	5120	4

8572 — 1"

- Sliding T-handle
- DIN 3122

8572DK

KT NO.	Overall length inch	Overall length mm	g	
8572-25	25	630	4200	6
8572DK	renewal kits		-	-

8816 — 1"

- Adapter
- Convert to 3/4" drive
- Max. torque:1836 Nm
- DIN 3123, ISO 3316

KT NO.	Spec.	g	
8816	1"F x 3/4"M	330	6 / 48

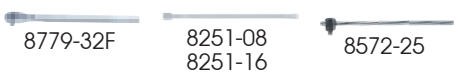
Socket Set

8015MR — 8015SR — 1"

Metal case size (mm) :
660 x 205 x 108 (0.52 cuft)

14 PC.

KT NO.		Contents	kg	
8015MR	○ 8330M	36, 41, 46, 50, 55, 60, 65, 70, 75, 80	34.1	1
8015SR	○ 8330S	1-7/16, 1-1/2, 1-11/16, 1-7/8, 2, 2-1/4, 2-3/8, 2-5/8, 2-15/16, 3-1/8		

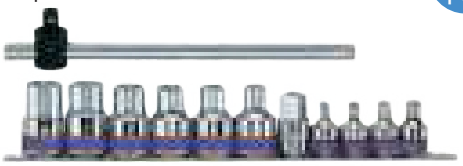


Socket Rail Set

7112PR 3/8"+1/2"

- Socket rail 260mmL
  - Rail with 5 PC. 3/8" & 6 PC. 1/2" drive drive clip

12 PC.



Contents — 0.76 kg — 24

3375M	E4, E5, E6, E8	
4375M	E10, E12, E14, E16, E18, E20	
3571-08	8771011	3814

7113PR 3/8"+1/2"

- Socket rail 260mmL
  - Rail with 6 PC. 3/8" drive & 6 PC. 1/2" drive clip

12 PC.

Contents — 0.6 kg — 32

3375M	E4, E5, E6, E7, E8, E11
4375M	E10, E12, E14, E16, E18, E20
8771012	

Socket Set

5022MR 5022SR 5522MR 1/4"+3/8"

Metal case size (mm) :
285 x 135 x 45 (0.059 cuft)

21 PC.

5022MR / 5522MR

5022SR

1.60 kg — 1 / 10

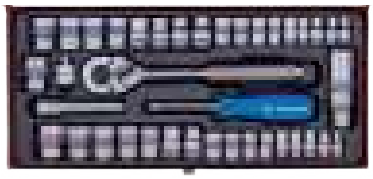
KT NO.	Contents				
5022MR	3330M	10, 11, 12, 13, 14, 17, 19	2335M	363021	3769-08F, 3221-03, 3221-06
5522MR	3335M		4, 5, 5.5, 6, 7, 8, 9	363521	
5022SR	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32	363021		363516, 3812
	3330S	3/8, 7/16, 15/32, 1/2, 9/16, 11/16, 3/4			2179DF

Socket Set

5039CR 1/4"+3/8"

Metal case size (mm) :
318 x 147 x 46 (0.076 cuft)

39 PC.



Contents — 2.60 kg / 1 / 10

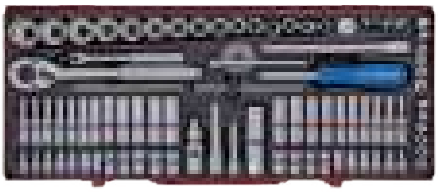
2335M	4.5, 5, 6, 7, 8, 9, 10, 11, 12
2335S	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
3330M	9, 10, 11, 12, 13, 14, 16, 17, 19
3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4

3769-08F, 3221-03, 2179DF, 363021, 3812

5092CR 1/4"+3/8"

Metal case size (mm) :
445 x 187x 50 (0.147 cuft)

91 PC.



Contents — 4.4 kg / 1 / 4

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
3330M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
2015MX	H3, H4, H5, H6, H8, H10
2015SX	1/8, 3/16, 7/32, 1/4, 5/16, 3/8
2011X	PH1, PH2, PH3, PH4
1115-03	H1.5, H2, H2.5

3769-08F, 2571-45, 2452-05F, 2179DF

363516, 3792, 3812, 2221-02, 2221-04, 3221-03, 3221-06

3840 3/8" drive spin disc.

2561 cross bar. 4-1/2"L

7558MR 1/4"+1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)

58 PC.

Contents — 3.8 kg / 1 / 4

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
1025S	4, 6, 8
1025P	PH1, PH2, PH3
1025H	H3, H4, H5, H6, H7, H8
1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
1025Z	PZ1, PZ2, PZ3

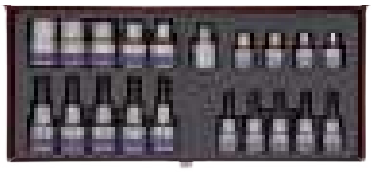
2779-55G, 4779-10GR, 2792, 4791R, 2141

2221-02, 2221-04, 4251-05R, 2179DF

7120PR 7120PR01 3/8"+1/2"

Metal case size (mm) :
296 x 130 x 41 (0.056 cuft)

20 PC.



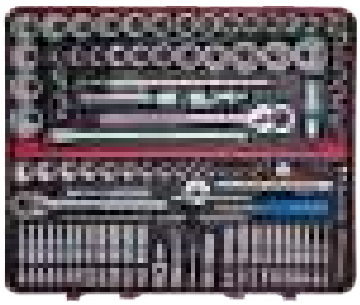
KT NO.	Contents		1.79 kg / 1 / 10
7120PR	4023	T30, T40, T45, T50, T55	3375M E6, E7, E8, E10 4375M E12, E14, E16, E18, E20
7120PR01	4027	T30H, T40H, T45H, T50H, T55H	3023 T10, T15, T20, T25, T27 4813

Socket Set

9033CR 1/4"+3/8"+1/2"

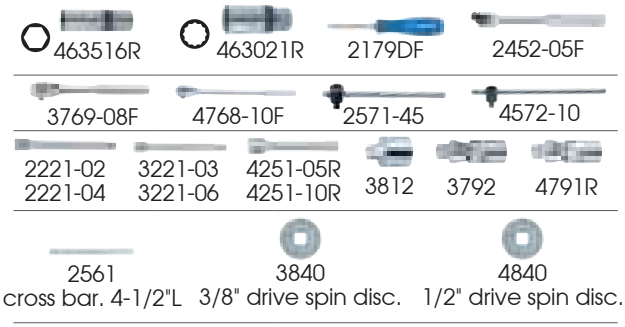
Metal case size (mm) :
450 x 370 x 56 (0.329 cuft)

135 PC.



Contents		12.3 / 1 / 2
○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
○	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
○	2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
○	2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
○	3330M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
○	4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32
○	4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16, 1-1/4
◉	2015MX	H3, H4, H5, H6, H8, H10
◉	2015SX	1/8, 3/16, 7/32, 1/4, 5/16, 3/8
⊕	2011X	PH1, PH2, PH3, PH4
◉	1115-03	H1.5, H2, H2.5

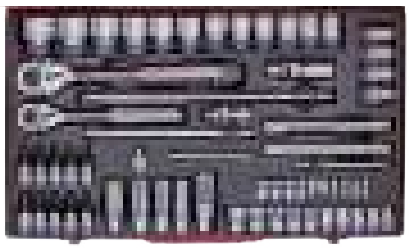
Contents



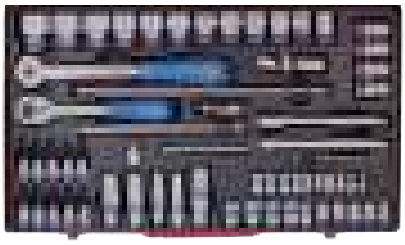
9063MR 9063MR01
9563MR 9563MR01 1/4"+3/8"+1/2"

Metal case size (mm) :
476 x 282 x 57 (0.27 cuft)

62 PC.



9063MR/9563MR



9063MR01/9563MR01

KT NO.			Contents			7.4 / 1 / 2
9063MR	○ 4330MR ○ 3330M	4330MR / 4335MR 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 3330M / 3335M 8, 9, 10, 11, 12, 13, 14, 15, 17, 19	○ 363021	4768-10F 3769-08F	○ 2335M ◉ 3023 ◉ 3025	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12 T20, T25, T27, T30, T40 H4, H5, H6, H8, H10
9563MR	○ 4335MR ○ 3335M		○ 363521	○ 3235M 12, 14, 17, 19	2571-45 3571-08 4572-12	2221-04 3221-06 4251-06R
9063MR01	○ 4330MR ○ 3330M		○ 363021	4755-10G 3779-08G		
9563MR01	○ 4335MR ○ 3335M		○ 363521	○ 3235M 10, 13, 17, 19	3792 4791R 3812	

Socket Set

7077MR

Blow case size (mm) :
422 x 360 x 110 (0.59 Cuft)

7577MR 1/4"+ 1/2"

77 PC.

7.52 | 1 / 2

KT NO.	Contents			
7077MR	2330M 4, 5, 6, 7, 8, 9, 10, 11, 12	463016R	1115-03 1.5, 2, 2.5	2771-55G
	2230M 8, 10, 12, 13		1025P PH1, PH2, PH3	4771-10GR
	4330MR 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32	463021R	1025S 3, 4, 5, 6	6111-07
			1025H H3, H4, H5, H6	6516-10
			1025T T10, T15, T20, T25, T27, T30, T40	2178DF
			1421 PH1 x 80, PH2 x 100, PH3 x 150	7821-50
			1422 4 x 100, 6.5 x 100	2571-45
			1060 8, 10, 12, 13, 14, 15, 17, 19	2221-03
				2312-06
				4222-10
				4251-05R
				2792 4791R
				3824
				2141
7577MR	2335M 4, 5, 6, 7, 8, 9, 10, 11, 12	463516R		
	2235M 8, 10, 12, 13			
	4335MR 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32	463521R		

Socket & Tool Set

7081MR
7581MR
7081MR01
7581MR01 1/4"+1/2"

Blow case size (mm) :
422 x 360 x 110 (0.59 cuft)

81 PC.

7581MR01 / 7081MR01

7581MR / 7081MR

KT NO. | Contents | 7.14 | 1 / 2

KT NO.				
7081MR	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	4771-10GR	463016R
7081MR01	4330MR	10, 11, 12, 13, 14, 15, 17, 19, 22, 24	4755-10G	463021R
7581MR	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	4771-10GR	463516R
7581MR01	4335MR	10, 11, 12, 13, 14, 15, 17, 19, 22, 24	4755-10G	463521R

1421	PH1 x 80, PH2 x 100
1422	4 x 100, 5.5 x 125, 6.5 x 150
1025H	H3, H4, H5, H6, H7, H8
1025T	T20, T25, T30, T40
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H
1060	6, 7, 8, 10, 12, 13, 14, 15, 17, 19

276A-04G, 6111-06, 6311-06, 6516-10, 76104-05, 76215-05, 76404-06, 2221-04, 9DC22, 79831, 7821-50, 4251-05R, 750-60, 2792, 4791R

Socket & Tool Set

7082MR

7582MR 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

83 PC.

5.65 1 / 4

KT NO.	Contents	
7082MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1060 8, 10, 11, 12, 13, 14, 17, 19
	4330MR 14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32	2031 PH1, PH2
	463016R 463021R	2032 4, 5.5, 6.5
		2033 T8, T10, T15, T20, T25, T27, T30
		2035 H3, H4, H5, H6
7582MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2038 PZ1, PZ2
	4335MR 14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32	1836P PH3, PH4
	463516R 463521R	1836S 8x1.2, 10x1.6, 12x2.0
		1836H H8, H10, H12, H14

1836T T40, T45, T50, T55

1836Z PZ3, PZ4

2771-55G

4771-10G

2178DF

2221-02
2221-04

2312-06

2571-45

4251-05R

4222-10

79831

2792
4791R

7702-25

3824

414810S

Socket & Tool Set

7087MR
7587MR01
7587MR
7587SR 1/4"+1/2"

Blow case size (mm) :
422 x 360 x 110 (0.59 cuft)

87 PC.

7087MR / 7587MR

7587MR01

7587SR

KT NO. | Contents | 9.2 | 1 / 2

7087MR

- 2330M: 5, 5.5, 6, 7, 8, 10, 11, 12, 13
- 2230M: 7, 8, 10, 12, 13
- 20107MR01
- 4330MR: 10, 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32
- 1060: 8, 10, 12, 13, 14, 15, 17, 18, 19, 22
- 2312-06
- 463016R
- 1636H: H5, H6, H7, H8, H10, H12
- 1636M: M6, M8, M10, M12
- 1636T: T30, T40, T45, T50, T55, T60

7587MR

- 2335M: 5, 5.5, 6, 7, 8, 10, 11, 12, 13
- 2235M: 7, 8, 10, 12, 13
- 4335MR: 10, 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32
- 1060: 8, 10, 12, 13, 14, 15, 17, 18, 19, 22
- 463516R
- 20107MR01
- 2312-06
- 1421: PH1 x 80, PH2 x 100
- 1422: 4 x 100, 5.5 x 100

7587MR01

- 463014R
- 414810M
- 4791R
- 2792
- 4251-05R
- 2571-45
- 4453-15FR
- 2221-06

7587SR

- 2335S: 5/32, 3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
- 2235S: 9/32, 5/16, 3/8, 7/16, 1/2
- 20107SR
- 4335SR: 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1-1/16, 1-1/8, 1-1/4
- 5060: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8
- 2312-06
- 463516R
- 2779-55G
- 4779-10GR
- 6111-06
- 6231-07
- 6516-10
- 20407PR
- 19980016
- 19980410

Socket & Tool Set

7096MR

7596MR 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

96 PC.

6.22 | 1 / 4

KT NO.	Contents		
7096MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2031 PH1, PH2	2771-55G
	2230M 6, 7, 8, 9, 10, 11, 12, 13	2032 4, 5.5, 6.5	2178DF
	4230M 14, 15, 17, 19, 22	2033 T8, T10, T15, T20, T25, T27, T30	4771-10G
	4330MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	2035 H3, H4, H5, H6	2571-45
	4630R 16, 21	2038 PZ1, PZ2	4222-10
7596MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1836P PH3, PH4	2221-02 2221-04
	2235M 6, 7, 8, 9, 10, 11, 12, 13	1836S 8x1.2, 10x1.6, 12x2.0	4251-05R
	4235M 14, 15, 17, 19, 22	1836T T40, T45, T50, T55	2792 4791R 2745
	4335MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	1836H H7, H8, H10, H12, H14	3824 7702-25
	4635R 16, 21	1836Z PZ3, PZ4	414810S
		1115-03 1.5, 2, 2.5	

Socket & Tool Set

7098MR

7598MR 1/4"+1/2"

Blow case size (mm) :
422 x 360 x 110 (0.59 cuft)

97 PC.

8.87 | 1 / 2

KT NO.	Contents	
7098MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	1421 PH2 x 38, PH2 x 100, PH3 x 150
	2330M 7, 8, 10, 12, 13	1422 4 x 100, 6.5 x 38
	4330MR 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	1462 6.5 x 150
	463016R 463021R	1025S 4, 5.5, 7, 8
		1025P PH0, PH1, PH2, PH3
7598MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	1025H H1.5, H2, H2.5, H3, H4, H5, H6, H7, H8, H10
	2335M 7, 8, 10, 12, 13	1025U T8H, T10H, T15H, T20H, T25H, T27H, T30H, T40H
	4335MR 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	1025Z PZ1, PZ2, PZ3
	463516R 463521R	1060 6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19

4771-10BR 2771-55F
2571-45 4573-10
4121-11GR 6111-06
6516-10 2178DF
4583-12R 4251-10R
2221-02 2221-04 2792
4223-02R 4791R
2141

Socket & Tool Set

7003MR

7503MR 1/4"+ 1/2"

Blow case size (mm) :
422 x 360 x 110 (0.59 Cuft)

103 PC.

KT NO.	Contents	9.24 / 1 / 2
7003MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10	4771-10GR
	4330MR 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	2771-55G
	463016R 463021R	6111-07
	2375M E4, E5, E6, E7, E8, E10	2178DF
	4375M E11, E12, E14, E16, E18	3611-08R
	1060 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	2221-03 2221-06
	1930 8 x 10, 11 x 13, 12 x 14, 17 x 19	2571-45 4572-10
	1025H H2, H2.5, H3, H4 , H5, H6, H7, H8, H10	2312-06
	1025M M4, M5, M6, M8, M10	4251-05R 4251-10R
	1025T T15, T20, T25, T27, T30, T40, T45, T50	2792 4791R
	1421 PH1 x 80, PH2 x 100	4223-02R
	1422 5.5 x 125, 6.5 x 150	2128-26
		2141
7503MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10	
	4335MR 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	
	463516R 463521R	

Socket & Tool Set

7010MR

7510MR 1/4"+1/2"

Blow case size (mm) :
422 x 360 x 110 (0.59 cuft)

110 PC.

7010MR

7510MR

KT NO. | Contents | 9.2 | 1 / 2

7010MR

- 2230M — 8, 10, 12, 13
- 2330M — 5, 5.5, 6, 7, 8, 10, 12, 13, 14
- 4230M — 14, 17, 19, 22
- 4330MR — 8, 10, 12, 13, 14, 15, 17, 18, 19, 22, 24, 27, 30
- 463014RC
- 463016R
- 1025P — PH0, PH1, PH2, PH3
- 1025H — H2.5, H3, H4, H5, H6
- 1025S — 3, 4, 5, 6.5
- 1025T — T15, T20, T25, T27, T30
- 1025Z — PZ1, PZ2
- 1145MR — 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10
- 1060 — 8, 10, 12, 13, 14, 15, 17, 18, 19
- 4771-10GR
- 276A-04G
- 2178DF
- 6111-06
- 6211-06
- 6516-10
- 79831

7510MR

- 2235M — 8, 10, 12, 13
- 2335M — 5, 5.5, 6, 7, 8, 10, 12, 13, 14
- 4235M — 14, 17, 19, 22
- 4335MR — 8, 10, 12, 13, 14, 15, 17, 18, 19, 22, 24, 27, 30
- 463514RC
- 463516R
- 1636H — H5, H6, H7, H8, H10, H12
- 1636M — M6, M8, M10, M12
- 1636T — T30, T40, T45, T50, T55, T60
- 1421 — No.1 x 80, No.2 x 100, No.2 x 38
- 1422 — 5.5 x 100, 6.5 x 150, 6.5 x 38
- 4452-15FR
- 2452-05F
- 4251-05R
- 4251-10R
- 2221-04
- 9DC22
- 7821-50
- 4791R
- 2792
- 414810M
- 2141

Socket & Tool Set

7011MR

7511MR 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

110 PC.

7011MR

7511MR

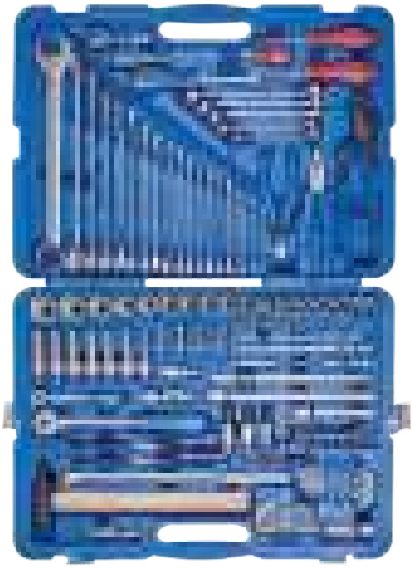
KT NO.	Contents	Kg 6.90 1 / 4
7011MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 2230M 6, 7, 8, 9, 10, 11, 12, 13 4230M 14, 15, 17, 19, 22 4330MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 463016R 463021R	2375M E4, E5, E6, E7, E8 4375M E10, E11, E12, E14, E16, E18, E20, E24 2031 PH1, PH2 2032 4, 5.5, 6.5 2033 T8, T10, T15, T20, T25, T27, T30 2035 H3, H4, H5, H6 2038 PZ1, PZ2 1836P PH3, PH4 1836S 8x1.2, 10x1.6, 12x2.0 1836T T40, T45, T50, T55, T60 1836H H7, H8, H10, H12, H14 1836Z PZ3, PZ4
7511MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 2235M 6, 7, 8, 9, 10, 11, 12, 13 4235M 14, 15, 17, 19, 22 4335MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 463516R 463521R	1115-03 1.5, 2, 2.5 2771-55G 4771-10GR 2178DF 2221-02 2221-04 4222-10 4251-05R 2571-45 3824 414810S 2792 4791R 2745 7702-25

Socket & Tool Set

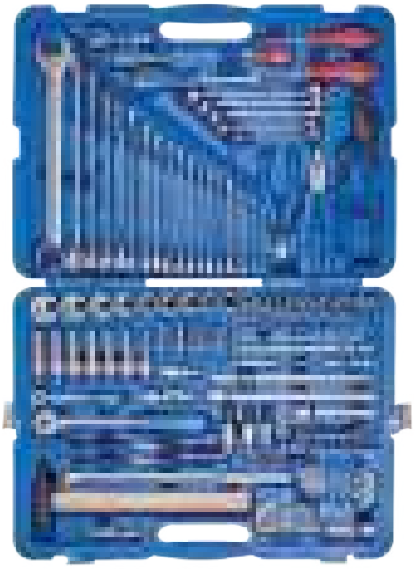
7028MR | 7528MR | 7528MR01 1/4"+1/2"

Blow case size (mm) :
560 x 400 x 110 (0.87 Cuft)

128 PC.



7028MR



7528MR

7528MR01

KT NO. | Contents | 14.95 | 1 / 2

7028MR

- 2330M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
- 2230M — 7, 8, 10, 12, 13
- 4230M — 10, 12, 13, 14, 15, 17, 19
- 4330MR — 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32
- 463016R
- 463021R
- 2755-55G
- 4755-10G
- 1060 — 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,17, 19, 21, 22, 24, 27, 30, 32
- 1930 — 8 x 10, 9 x 11, 12 x 13, 14 x 17, 17 x 19
- 1143 — T10, T15, T20, T25, T27, T30, T40
- 1145 — H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
- 1421 — PH1 x 80, PH2 x 38, PH2 x 100
- 1422 — 5 x 75, 6.5 x 38, 6.5 x 100
- 2033 — T10, T15, T20, T25, T27
- 2035 — H4, H5, H6, H7, H8, H10
- 4025 — H12, H14, H17

7528MR

- 2335M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
- 2235M — 7, 8, 10, 12, 13
- 4235M — 10, 12, 13, 14, 15, 17, 19
- 2755-55G
- 4755-10G
- 7821-50
- 6111-07
- 6211-06
- 6511-10
- 4452-15FR
- 2571-45
- 4572-10
- 2293-02
- 2293-06
- 2221-03
- 2221-06
- 4251-05R
- 4251-10R
- 76215-05
- 76404-06
- 76505-05
- 76104-05
- 76303-05
- 2128-26
- 2792
- 4791R
- 4223-02R

7528MR01

- 4335MR — 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32
- 463516R
- 463521R
- 2771-55G
- 4771-10G

Socket & Tool Set

7053MR01

7553MR01 1/4"+1/2"

Blow case size (mm) :
560 x 400 x 110 (0.87 cuft)

153 PC.

7053MR01

7553MR01

14.17 kg | 1 / 2

KT NO.	Contents
7053MR01	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 4330MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 2230M 6, 7, 8, 9, 10, 11, 12, 13 4230M 13, 14, 17, 19, 22 2375M E4, E5, E6, E7, E8 4375M E10, E12, E14, E16, E18, E20 1461 PH1 x 75, PH2 x 100 1462 5.5 x 100, 6.5 x 150 1421 PH2 x 38 1422 6.5 x 38 1025S 4, 5, 6.5 1025P PH0, PH1, PH2 1025H H3, H4, H5, H6 1025Z PZ1, PZ2, PZ3 1025T T10, T15, T20, T25, T27, T30, T40 1636H H5, H6, H7, H8, H10, H12 1636M M6, M8, M10, M12 1636T T30, T40, T45, T50, T55, T60 1680H H5, H6, H7, H8, H10, H12 1680M M6, M8, M10, M12 1680T T25, T30, T40, T45, T50, T55 463014RC 463016R 1060 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27 1930 8x10, 11x13, 12x14 4771-10GR 2771-55G 6511-10 6111-06 6211-06 2178DF 4462-18FR 2452-05F 2221-02 2221-06 4251-05R 4251-10R 2792 4791R 4223-02R 2142 414810M
7553MR01	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 4335MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32 2235M 6, 7, 8, 9, 10, 11, 12, 13 4235M 13, 14, 17, 19, 22 2375M E4, E5, E6, E7, E8 4375M E10, E12, E14, E16, E18, E20 1461 PH1 x 75, PH2 x 100 1462 5.5 x 100, 6.5 x 150 1421 PH2 x 38 1422 6.5 x 38 1025S 4, 5, 6.5 1025P PH0, PH1, PH2 1025H H3, H4, H5, H6 1025Z PZ1, PZ2, PZ3 1025T T10, T15, T20, T25, T27, T30, T40 1636H H5, H6, H7, H8, H10, H12 1636M M6, M8, M10, M12 1636T T30, T40, T45, T50, T55, T60 1680H H5, H6, H7, H8, H10, H12 1680M M6, M8, M10, M12 1680T T25, T30, T40, T45, T50, T55 463014RC 463016R 1060 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27 1930 8x10, 11x13, 12x14 4771-10GR 2771-55G 6511-10 6111-06 6211-06 2178DF 4462-18FR 2452-05F 2221-02 2221-06 4251-05R 4251-10R 2792 4791R 4223-02R 2142 414810M

Socket & Wrench Set

9043MR

9543MR 1/4"+3/8"+1/2"

Blow case size (mm) :
560 x 400 x 110 (0.87 cuft)

143 PC.

9043MR

9543MR

13.7 1 / 2

KT NO.	Contents
9043MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10 3330M 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 4330MR 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32 4630 16, 21 2375M E4, E5, E6, E7, E8 4375M E10, E12, E14, E16, E20 1025P PH0, PH1, PH2, PH3 1025S 4, 5.5, 7 1025U T10, T15, T20, T25, T27, T30, T40 1025H H2, H3, H4, H5, H6, H7, H8, H10 1025Z PZ0, PZ1, PZ2, PZ3 1421 PH2 x 38, PH1 x 80 1461 PH2 x 100 1422 6.5 x 38, 5.5 x 75 1462 6.5 x 150 1060 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 1930 8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19 1145MR H1.5, H2.0, H2.5, H3.0, H4.0, H5.0, H6.0, H8.0, H10 4771-10G 2771-55G 6111-07 2178DF 3781-11F 4452-18FR 4581-10 6011-10R 4222-10 2312-06 2221-02 2221-04 2221-06 3221-03 3221-06 4251-03R 3824 3812 2792 3792 4791R 2141 7821-30 79093-03M 79831
9543MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10 3330M 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 4335M 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32 4635 16, 21 2375M E4, E5, E6, E7, E8 4375M E10, E12, E14, E16, E20 1025P PH0, PH1, PH2, PH3 1025S 4, 5.5, 7 1025U T10, T15, T20, T25, T27, T30, T40 1025H H2, H3, H4, H5, H6, H7, H8, H10 1025Z PZ0, PZ1, PZ2, PZ3 1421 PH2 x 38, PH1 x 80 1461 PH2 x 100 1422 6.5 x 38, 5.5 x 75 1462 6.5 x 150 1060 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 1930 8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19 1145MR H1.5, H2.0, H2.5, H3.0, H4.0, H5.0, H6.0, H8.0, H10 4771-10G 2771-55G 6111-07 2178DF 3781-11F 4452-18FR 4581-10 6011-10R 4222-10 2312-06 2221-02 2221-04 2221-06 3221-03 3221-06 4251-03R 3824 3812 2792 3792 4791R 2141 7821-30 79093-03M 79831

Socket & Wrench Set

9519MR50 new 1/4"+3/8"+1/2"

Blow case size (mm) :
560 x 400 x 110 (2.2 cuft)

119 PC.

• Extra HDPE board to prevent product dropping

Contents		
○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
○	3335M	9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
○	4335MR	20, 21, 22, 24, 27, 30, 32
○	2235M	4, 4.5, 5, 5.5, 6, 7, 8
○	3235M	10, 11, 12, 13, 14, 15
✪	3375M	E8, E10, E11, E12, E14, E16, E18
⊕	2031	PH1, PH2, PH3
⊖	2032	5.5, 6.5
⬢	2035	H3, H4, H6, H8, H10
✱	3023	T10, T15, T20, T25, T27, T30, T40, T45, T50

Contents	12.48	1 / 2
○	4535M	17, 19, 21
○	4435M	10, 12, 13, 14, 17, 19
	1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
○	36A014	
○	366516	
	2178DF	
	4453-15F	
	2293-02 2293-04	
	3293-03 3293-06	
	4293-05 4293-10	
	2792	
	3792	
	4791R	
	6517-10	
	6111-06	
	6211-06	
	6311-08	
	2771-55G	
	3771-08G	
	4771-10G	
	20219MR	

Tools Bag Set

92543MR

Tool bag size (mm) :
250 x 400 x 30 (0.11 cuft)

92543MR01 1/4"

92543MR

92543MR01

43 PC.

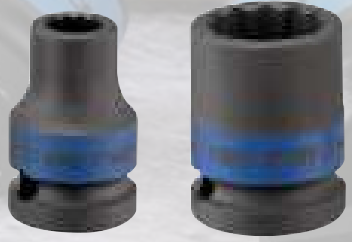
KT NO.		Contents	
			2.49 / 1 / 10
92543MR	79093-03C 7976-65 2141	2335M 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 1421 PH0 x 60, PH1 x 100, PH2 x 38, PH2 x 150 1422 3.0 x 75, 6.5 x 38, 6.5 x 150 1025Z PZ1, PZ2, PZ3 1025T T10, T15, T20, T25, T27, T30, T40	6511-10 6111-07 2178DF 3611-08P 20317MR 8720813 2792
92543MR01	79093-03M 7971-07 2142		

Notes

IMPACT SOCKETS & ACCESSORIES

- 1/4" Drive
  Impact Socket
- 3/8" Drive
  Impact Socket, Bit Socket & Accessory
- 1/2" Drive
  Impact Socket, Bit Socket Accessory
- 3/4" Drive
  Impact Socket, Bit Socket & Accessory
- 1" Drive
  Impact Socket & Accessory
- 1-1/2" Drive
  Impact Socket & Accessory
- 2-1/2" Drive
  Impact Socket
- 3-1/2" Drive
  Impact Socket

Professional production & quality control



KING TONY impact socket 50% higher torque on performance.
Quality control also ensure that a sufficient level of production output. King Tony uses advance technology to inspect tiny difference on each step. Our Impact socket reach 50% higher torque than DIN standards.

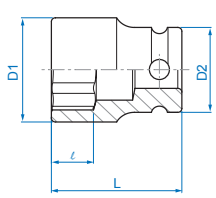
KING TONY CR-MO

Standard Impact Socket & Rail Set

2535M — 1/4"

- DIN 3129, ISO 2725-2

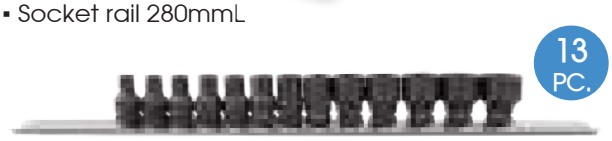
KT No. & D1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
253504M	4	7.5	13	4	23	12	20 / 600
253545M	4.5	8.1	13	5	23	12	20 / 600
253505M	5	8.8	13	6	23	12	20 / 600
253555M	5.5	9.4	13	6	23	13	20 / 600
253506M	6	10.0	13	7	23	13	20 / 600
253507M	7	11.3	13	7	23	13	20 / 600
253508M	8	12.5	13	8	23	13	20 / 600
253509M	9	13.8	13	8	23	15	12 / 360
253510M	10	15.0	13	9	23	18	12 / 360
253511M	11	16.3	13	9	23	20	12 / 360
253512M	12	17.5	13	9	23	21	12 / 360
253513M	13	18.8	13	9	23	22	12 / 360
253514M	14	19.8	13	9	23	23	10 / 300

2413MP8 — new — 1/4"

- Socket rail 280mmL



13 PC.

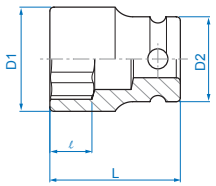
Contents	Kg 0.25	50
2535M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
8721116		

Standard Impact Socket

KT No. & D1

3535M — 3/8"

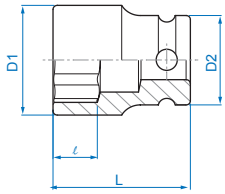
- DIN 3129, ISO 2725-2



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
353506M	6	10.6	19	5	32	31	12 / 360
353507M	7	11.8	19	5	32	33	12 / 360
353508M	8	13.2	19	6	32	34	12 / 360
353509M	9	14.5	19	6	32	39	12 / 360
353510M	10	15.5	19	7	32	38	12 / 360
353511M	11	17.0	19	7	32	38	12/ 360
353512M	12	18.2	19	8	32	41	12 / 360
353513M	13	19.4	22	9	32	53	10 / 200
353514M	14	20.7	22	9	32	54	10 / 200
353515M	15	22.0	22	10	32	55	10 / 200
353516M	16	23.8	22	10	32	57	10 / 200
353517M	17	24.8	22	11	32	60	10 / 200
353518M	18	25.8	22	11	32	63	10 / 200
353519M	19	27.6	22	13	32	64	10 / 160

3535S — 3/8"

- ANSI / ASME B107.2



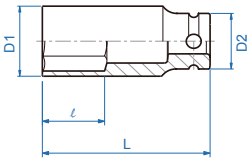
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
353508S	1/4	10.8	19	5	32	31	12 / 360
353510S	5/16	13.0	19	6	32	34	12 / 360
353512S	3/8	15.3	19	7	32	38	12 / 360
353514S	7/16	17.0	19	7	32	38	12 / 360
353516S	1/2	18.2	19	9	32	53	12 / 360
353518S	9/16	20.7	22	9	32	53	10 / 200
353520S	5/8	23.8	22	10	32	57	10 / 200
353522S	11/16	24.5	22	11	32	60	10 / 200
353524S	3/4	27.0	22	11	32	64	10 / 160

Deep Impact Socket

KT No. & D1

3435M — 3/8"

- DIN 3121



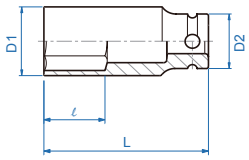
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
343506M	6	10.6	19	10	65	62	6 / 120
343507M	7	11.8	19	10	65	66	6 / 120
343508M	8	13.2	19	12	65	71	6 / 120
343509M	9	14.5	19	12	65	76	6 / 120
343510M	10	15.5	19	12	65	82	6 / 120
343511M	11	17.0	19	13	65	84	6 / 120
343512M	12	18.2	19	14	65	93	6 / 120
343513M	13	19.4	22	14	65	113	6 / 120
343514M	14	20.7	22	14	65	114	6 / 120
343515M	15	22.0	22	16	65	125	6 / 120
343516M	16	23.8	22	16	65	126	6 / 96
343517M	17	24.8	22	17	65	138	6 / 96
343518M	18	25.8	22	18	65	144	6 / 96
343519M	19	27.6	22	20	65	154	6 / 96
343520M	20	28.3	22	20	65	148	6 / 96
343521M	21	29.5	22	22	65	156	6 / 96
343522M	22	30.8	22	22	65	172	5 / 60
343523M	23	32.0	22	24	65	177	5 / 60
343524M	24	32.5	22	24	65	180	5 / 60

Deep Impact Socket

KT No. & D1

3435S — 3/8"

- ANSI / ASME B107.2

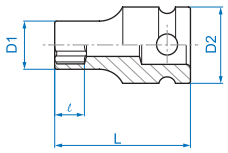


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
343508S	1/4	10.8	19	10	63.5	62	6 / 120
343510S	5/16	13.0	19	12	63.5	71	6 / 120
343512S	3/8	15.3	19	12	63.5	82	6 / 120
343514S	7/16	17.0	19	13	63.5	84	6 / 120
343516S	1/2	18.2	19	14	63.5	113	6 / 120
343518S	9/16	20.7	22	14	65	114	6 / 120
343520S	5/8	23.8	22	16	65	126	6 / 96
343522S	11/16	24.5	22	17	65	138	6 / 96
343524S	3/4	27.0	22	20	65	154	6 / 96
343526S	13/16	29.5	22	22	65	156	6 / 96
343528S	7/8	30.8	22	22	65	172	5 / 60

Impact Star Socket

3575M — 3/8"

- For torx external screw
- DIN 3121



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
357505M	E5	9.6	19	4.0	32	31	12 / 360
357506M	E6	10.2	19	5.0	32	31	12 / 360
357507M	E7	10.8	19	6.0	32	33	12 / 360
357508M	E8	11.5	19	6.5	32	33	12 / 360
357510M	E10	12.0	19	7.0	32	34	12 / 360
357512M	E12	14.0	19	9.0	32	34	12 / 360
357514M	E14	17.0	19	9.5	32	40	12 / 360

Impact Bit Socket

CAUTION

1. Air pressure must not exceed 90PSI (6.3bar)
2. Adjust your air tool to its lowest torque output, should this torque level not be enough, increase it gradually

3051 — 3/8"

- For phillips head screw
- DIN 3121

KT NO.	No.	L mm	g	pcs/box
305101	PH1	55	33	12 / 360
305102	PH2	55	35	12 / 360
305103	PH3	55	40	12 / 360
305104	PH4	55	45.8	12 / 360

3052 — 3/8"

- For slotted head screw
- DIN 3121

KT NO.	Tip widh mm	L mm	g	pcs/box
305255	5.5	55	32.2	12 / 360
305208	8	55	38.4	12 / 360
305210	10	55	45	12 / 360

3055M — 3/8"

- For hexagon head screw
- DIN 3121

KT NO.	mm	L mm	Max. torq Nm	g	pcs/box
305504M	H4	55	20.8	35	12 / 360
305505M	H5	55	36.0	38	12 / 360
305506M	H6	55	62.4	40	12 / 360
305507M	H7	55	97.0	66	12 / 360
305508M	H8	55	144.0	45	12 / 360
305510M	H10	55	264.0	50	12 / 360
305512M	H12	55	480.0	60	12 / 360
305514M	H14	55	650.0	77	12 / 288
305516M	H16	55	680.0	79	12 / 288
305517M	H17	55	715.0	85	12 / 288

3055S — 3/8"

- For hexagon head
- DIN 3121

KT NO.	inch	L mm	Max. torq Nm	g	pcs/box
305504S	1/8	55	18.8	28	12 / 360
305545S	9/64	55	20.8	29	12 / 360
305505S	5/32	55	22.5	30	12 / 360
305506S	3/16	55	36.0	35	12 / 360
305507S	7/32	55	62.4	38	12 / 360
305508S	1/4	55	93.6	39	12 / 360
305510S	5/16	55	144.0	46	12 / 360
305512S	3/8	55	264.0	53	12 / 360
305516S	1/2	55	518.0	70	12 / 360

Impact Bit Socket

KT No. & D1

3065M 3/8"

- For hexagon head screw
- DIN 3121

KT NO.	mm	L mm	Max. torq Nm	g	
306504M	H4	90	20.8	42	8 / 160
306505M	H5	90	36.0	48	8 / 160
306506M	H6	90	62.4	55	8 / 160
306508M	H8	90	144.0	73	8 / 160
306510M	H10	90	264.0	96	8 / 160

3053 3/8"

- For torx internal screw
- DIN 3121

KT NO.	Size	L mm	g	
305310	T10	55	30	12 / 360
305315	T15	55	30	12 / 360
305320	T20	55	32	12 / 360
305325	T25	55	32	12 / 360
305327	T27	55	33	12 / 360
305330	T30	55	34	12 / 360
305340	T40	55	37	12 / 360
305345	T45	55	41	12 / 360
305350	T50	55	44	12 / 360
305355	T55	55	58	12 / 288
305360	T60	55	65	12 / 288

Impact Accessory

KT No. & D1

3862P 3/8"

- Adapter & with ball
- Convert to 1/4" drive
- DIN 3121

KT NO.	Spec.	D mm	g	
3862P	3/8"F x 1/4"M	20.8	33	24 / 384

3864P 3/8"

- Adapter & with ball
- Convert to 1/2" drive
- DIN 3121

KT NO.	Spec.	D mm	g	
3864P	3/8"F x 1/2"M	20.8	51	24 / 384

3147 3/8"

- Bit holder

KT NO.	Size	L mm	g	
314708S	1/4"	40	44	12 / 420
314710S	5/16"	40	45	12 / 420
314710M	10mm	40	46	12 / 420

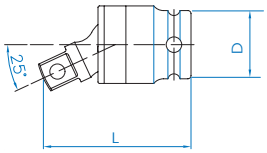
3260P 3/8"

- Extension bar & with ball
- DIN 3121

KT NO.	Overall length inch	mm	g	
3260-03P	3	75	96	6 / 120
3260-04P	4	100	98.6	8 / 160
3260-05P	5	125	145	8 / 144
3260-06P	6	150	168	5 / 100
3260-08P	8	200	216	6 / 72
3260-10P	10	250	230	6 / 54

3796P 3/8"

- Universal joint & with ball
- DIN 3121



KT NO.	Overall length inch	mm	D mm	g	
3796P	2	50	22	83.4	10 / 200

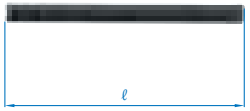
90408 90409 3/8"

- Locking ring
- High tensile rubber material

90608 90609 3/8"

- Locking pin
- Chrome vanadium steel
- DIN 3129

90408
90409



90608
90609

KT NO.	Desp.	ø	d / ℓ	Applied to socket sizes
90408	ring	3.5	12	3535M (6~12 mm)3535S (1/4~1/2 inch) 3435M (6~12 mm) 3435S (1/4~1/2 inch) 3055M (4~12 mm) 3055S (3/16~1/2inch) 3065M (4~10 mm) 3053 (T10~T15) 3575M (E5~E14) 3053.3055.3065.3147.3862.3864
90608	pin	2.5	14	
90409	ring	3.5	15	3535M (13~19 mm) 3535S (9/16~3/4inch) 3435M (13~24 mm) 3435S (9/16~7/8inch) 3260.3796
90609	pin	2.5	16	

Impact Bit Socket Set

3406MP 3/8"

- For hexagon head screw
- 55mmL

Metal case size (mm) :
203 x 79 x 41 (0.023 cuft)

6 PC.

Contents 0.72 1 / 20

3055M	H4, H5, H6, H8, H10, H12

3410MP 3/8"

- For hexagon head screw
- 55mmL

Metal case size (mm) :
270 x 73 x 46 (0.032 cuft)

10 PC.

Contents 1.05 1 / 20

3055M	H4, H5, H6, H7, H8, H10, H12 H14, H16, H17

3419PP 3/8"

- For torx internal head
- 55mmL

Metal case size (mm) :
203 x 79 x 41 (0.023 cuft)

9 PC.

Contents 0.62 1 / 20

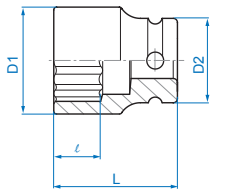
3053	T10, T15, T20, T25, T27, T30, T40, T45, T50

Standard Impact Socket

KT No. & D1

4530M 1/2"

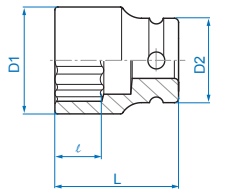
- DIN 3129, ISO 2725-2



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
453008M	8	15.0	25	7	38	67	10 / 200
453009M	9	16.3	25	7	38	67	10 / 200
453010M	10	17.6	25	8	38	70	10 / 200
453011M	11	18.8	25	8	38	71	10 / 200
453012M	12	20.0	25	9	38	72	10 / 200
453013M	13	21.2	25	10	38	72	10 / 200
453014M	14	22.5	25	10	38	77	10 / 200
453015M	15	23.8	30	11	38	112	10 / 160
453016M	16	25.0	30	11	38	112	10 / 160
453017M	17	26.2	30	12	38	115	10 / 160
453018M	18	27.5	30	13	38	115	10 / 160
453019M	19	28.8	30	13	38	120	10 / 160
453020M	20	29.5	30	13	38	120	10 / 160
453021M	21	30.0	30	14	40	125	8 / 160
453022M	22	32.4	30	14	40	143	8 / 160
453023M	23	33.2	30	15	40	143	8 / 160
453024M	24	34.4	30	15	42	152	6 / 120
453025M	25	36.0	30	15	42	168	6 / 120
453026M	26	37.0	30	15	42	173	6 / 120
453027M	27	38.0	30	16	44	176	6 / 120
453028M	28	41.0	30	16	44	194	6 / 120
453029M	29	41.0	30	17	44	194	6 / 120
453030M	30	42.0	30.5	17	44	201	6 / 120
453032M	32	46.0	30	19	44	205	6 / 120
453033M	33	46.0	30	19	46	227	6 / 96
453034M	34	46.0	30	20	46	231	6 / 96
453036M	36	47.0	30	20	46	248	6 / 96
453038M	38	50.0	30	21	50	248	6 / 60
453041M	41	56.0	30	22	52	248	6 / 60

4530S 1/2"

- ANSI / ASME B107.2



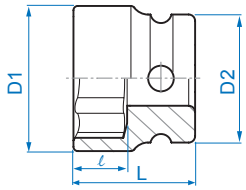
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
453016S	1/2	20	25	10	38	71	10 / 200
453018S	9/16	22	25	10	38	77	10 / 200
453020S	5/8	24	25	11	38	111	10 / 200
453022S	11/16	26	30	12	38	116	10 / 160
453024S	3/4	28.8	30	13	38	119	10 / 160
453026S	13/16	30	30	14	40	125	8 / 160
453028S	7/8	32	30	14	40	141	8 / 160
453030S	15/16	34	30	15	42	152	6 / 120
453032S	1	36	30	15	42	168	6 / 120
453034S	1-1/16	38	30	16	44	176	6 / 120
453036S	1-1/8	41	30	17	44	194	6 / 120
453038S	1-3/16	42	30.5	17	44	209	6 / 120

Stubby Impact Socket

KT No. & D1

4525M — 1/2"

- For impact wrench use
- DIN 3129, ISO 2725-2



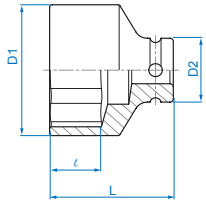
19, 22, 24 mm

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
452513M	13	20	26	5.5	28.5	75	10 / 160
452514M	14	22	26	5.5	28.5	73	10 / 160
452517M	17	26	26	5.5	28.5	66	10 / 160
452519M	19	28	26	10	28.5	64	10 / 160
452521M	21	30	30	10	28.5	82	8 / 160
452522M	22	32	30	10	28.5	88	8 / 160
452524M	24	34	30	10	28.5	97	6 / 120

Standard Impact Socket

4535M — 1/2"

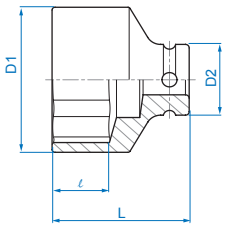
- DIN 3129, ISO 2725-2



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
453508M	8	15.0	25	7	38	67	10 / 200
453509M	9	16.3	25	7	38	67	10 / 200
453510M	10	17.6	25	8	38	70	10 / 200
453511M	11	18.8	25	8	38	71	10 / 200
453512M	12	20.0	25	9	38	72	10 / 200
453513M	13	21.2	25	10	38	72	10 / 200
453514M	14	22.5	25	10	38	77	10 / 200
453515M	15	23.8	30	11	38	112	10 / 160
453516M	16	25.0	30	11	38	112	10 / 160
453517M	17	26.2	30	12	38	115	10 / 160
453518M	18	27.5	30	13	38	115	10 / 160
453519M	19	28.8	30	13	38	120	10 / 160
453520M	20	29.5	30	13	38	120	10 / 160
453521M	21	30.0	30	14	40	125	8 / 160
453522M	22	31.8	30	14	40	143	8 / 160
453523M	23	33.8	30	15	40	143	8 / 160
453524M	24	33.8	30	15	42	152	6 / 120
453525M	25	35.8	30	15	42	168	6 / 120
453526M	26	37.8	30	15	42	173	6 / 120
453527M	27	38.0	30	16	44	176	6 / 120
453528M	28	41.0	30	16	44	194	6 / 120
453529M	29	41.0	30	17	44	194	6 / 120
453530M	30	42.0	30.5	17	44	201	6 / 120
453532M	32	46.0	30	19	44	205	6 / 120
453533M	33	46.0	30	19	46	227	6 / 96
453534M	34	46.0	30	20	46	231	6 / 96
new 453535M	35	46.0	30	20	46	235	6 / 96
453536M	36	47.0	30	20	46	248	6 / 96
new 453537M	37	49.0	30	21	48	255	6 / 60
453538M	38	50.0	30	21	50	241	6 / 60
453539M	39	51.0	30	22	50	240	6 / 60
453541M	41	56.0	30	22	52	283	6 / 60
453546M	46	64.0	30	23	55	408	4 / 32

4535S — 1/2"

- ANSI / ASME B107.2



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
453510S	5/16	15	25	7	38	67	10 / 200
453512S	3/8	17	25	7	38	70	10 / 200
453514S	7/16	18	25	8	38	71	10 / 200
453516S	1/2	20	25	10	38	72	10 / 200
453518S	9/16	22	25	10	38	77	10 / 200
453520S	5/8	24	25	11	38	112	10 / 160
453522S	11/16	26	30	12	38	115	10 / 160
453524S	3/4	28.8	30	13	38	120	10 / 160
453526S	13/16	30	30	14	40	125	8 / 160
453528S	7/8	32	30	14	40	143	8 / 160
453530S	15/16	34	30	15	42	152	6 / 120
453532S	1	36	30	15	42	168	6 / 120
453534S	1-1/16	38	30	16	44	176	6 / 120
453536S	1-1/8	41	30	17	44	194	6 / 120
453538S	1-3/16	42	30.5	17	44	201	6 / 120
453540S	1-1/4	46	30	18	44	205	6 / 120

Impact Socket Set

4472MP 158 PC. — 4472SP 106 PC. — 1/2"

- Standard impact socket

Stand size (mm) :
415 x 336 x 320

4472MP / 4472SP

KT NO.		Contents	Each Q'ty
4472MP	4535M	8, 9, 10, 11, 12, 13, 14	8
		15, 16, 17, 18, 19, 20, 21	6
		22, 23, 24	7
		25, 26, 27, 28	6
		29, 30, 32	5
4472SP	4535S	5/16, 3/8, 7/16, 1/2, 9/16	8
		5/8, 11/16, 3/4, 13/16	6
		7/8, 15/16,	7
		1, 1-1/16, 1-1/8	6
		1-3/16, 1-1/4	5

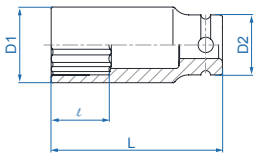
KT NO.	Spec.	kg	Cuft
4472MP-A	87103	6.37	0.67
4472MP-D	158 PC. socket content	19.63	0.54
4472SP-A	87103	6.37	0.67
4472SP-D	106 PC. socket content	20.4	0.37

Deep Impact Socket

KT No. & D1

4430M 1/2"

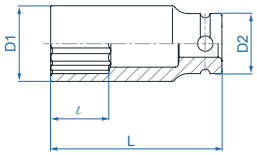
- DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	6 / 120
443008M	8	15.0	25	12	78	130	6 / 120
443009M	9	16.3	25	12	78	135	6 / 120
443010M	10	17.6	25	12	80	150	6 / 120
443011M	11	18.8	25	13	80	160	6 / 120
443012M	12	20.0	25	14	80	170	6 / 120
443013M	13	21.2	25	14	80	165	6 / 120
443014M	14	22.5	25	14	80	180	6 / 120
443015M	15	23.8	30	16	80	236	6 / 96
443016M	16	25.0	30	16	80	243	6 / 96
443017M	17	26.2	30	16	80	255	6 / 96
443018M	18	27.5	30	17	80	267	6 / 96
443019M	19	28.8	30	18	80	260	6 / 96
443020M	20	29.5	30	20	80	252	6 / 96
443021M	21	30.0	30	20	80	251	6 / 96
443022M	22	32.4	30	22	80	304	5 / 60
443023M	23	33.2	30	24	80	310	5 / 60
443024M	24	34.4	30	24	80	318	5 / 60
443027M	27	38.0	30	27	80	368	5 / 60
443030M	30	42.0	30.5	30	80	422	5 / 50
443032M	32	46.0	30	32	80	460	1 / 24
443036M	36	47.0	30	36	80	535	1 / 24

4430S 1/2"

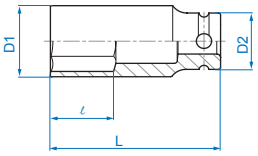
- ANSI / ASME B107.2



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	6 / 96
443020S	5/8	24	25	16	80	233	6 / 96
443024S	3/4	28.8	30	18	80	250	6 / 96
443028S	7/8	32	30	22	80	294	5 / 60
443030S	15/16	34	30	24	80	308	5 / 60
443032S	1	36	30	24	80	341	5 / 60
443034S	1-1/16	38	30	27	80	358	5 / 60
443036S	1-1/8	41	30	27	80	401	5 / 50
443040S	1-1/4	46	30	32	80	504	1 / 24
443042S	1-5/16	46	30	34	80	476	1 / 24
443048S	1-1/2	50	30	34	80	564	1 / 24

4435M 1/2"

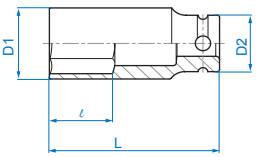
- DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	6 / 120
443508M	8	15.0	25	12	78	116	6 / 120
443509M	9	16.3	25	12	78	125	6 / 120
443510M	10	17.6	25	12	80	136	6 / 120
443511M	11	18.8	25	13	80	144	6 / 120
443512M	12	20.0	25	14	80	157	6 / 120
443513M	13	21.2	25	14	80	157	6 / 120
443514M	14	22.5	25	14	80	172	6 / 120
443515M	15	23.8	30	16	80	223	6 / 96
443516M	16	25.0	30	16	80	230	6 / 96
443517M	17	26.2	30	16	80	240	6 / 96
443518M	18	27.5	30	17	80	255	6 / 96
443519M	19	28.8	30	18	80	236	6 / 96
443520M	20	29.0	30	20	80	244	6 / 96
443521M	21	30.0	30	20	80	240	6 / 96
443522M	22	31.8	30	22	80	296	5 / 60
443523M	23	33.8	30	24	80	300	5 / 60
443524M	24	33.8	30	24	80	308	5 / 60
443525M	25	35.8	30	24	80	342	5 / 60
443526M	26	37.8	30	27	80	344	5 / 60
443527M	27	38.0	30	27	80	356	5 / 60
443528M	28	41.0	30	27	80	424	5 / 50
443529M	29	41.0	30	27	80	404	5 / 50
443530M	30	42.0	30.5	30	80	416	5 / 50
443532M	32	46.0	30	32	80	510	1 / 24
443533M	33	46.0	30	32	80	521	1 / 24
443534M	34	46.0	30	33	80	539	1 / 24
443536M	36	47.0	30	36	80	556	1 / 24
443538M	38	50.0	30	38	80	617	1 / 24
443541M	41	56.0	30	38	80	635	1 / 24
443546M	46	64.0	30	40	80	825	1 / 24

4435S 1/2"

- ANSI / ASME B107.2



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	6 / 120
443510S	5/16	14	25	12	78	123	6 / 120
443512S	3/8	17	25	12	80	148	6 / 120
443514S	7/16	18	25	13	80	148	6 / 120
443516S	1/2	20	25	14	80	159	6 / 120
443518S	9/16	22	25	14	80	170	6 / 120
443520S	5/8	24	25	16	80	232	6 / 96
443522S	11/16	26	30	17	80	235	6 / 96
443524S	3/4	28.8	30	18	80	251	6 / 96
443526S	13/16	30	30	20	80	243	6 / 96
443528S	7/8	32	30	22	80	292	5 / 60
443530S	15/16	34	30	24	80	308	5 / 60
443532S	1	36	30	24	80	336	5 / 60

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
443534S	1-1/16	38	30	27	80	356	5 / 60
443536S	1-1/8	41	30	27	80	401	5 / 50
443538S	1-3/16	42	30.5	30	80	409	5 / 50
443540S	1-1/4	46	30	32	80	423	1 / 24
443542S	1-5/16	46	30	34	80	476	1 / 24

Impact Socket Set

4466MP 166 PC. 4466SP 110 PC. 1/2"

- Deep impact socket

Stand size (mm) :
415 x 336 x 320

4466MP / 4466SP

KT NO.		Contents	Each Q'ty
4466MP	4435M	8, 9, 10, 11, 12, 13, 14	8
		15, 16, 17, 18, 19, 20	7
		21, 22, 23, 24	7
		25, 26, 27, 28, 29	6
		30, 32	5
4466SP	4435S	5/16, 3/8, 7/16,	8
		1/2, 9/16	8
		5/8, 11/16, 3/4,	7
		13/16, 7/8, 15/16	7
		1, 1-1/16, 1-1/8	6
		1-3/16, 1-1/4	5

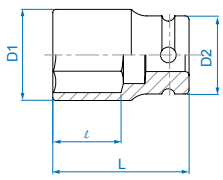
KT NO.	Spec.	kg	Cuft
4466MP-A	87103	6.37	0.67
4466MP-DA	166 PC. socket content	22.06	0.38
4466MP-DB		24.10	0.45
4466SP-A	87103	6.37	0.67
4466SP-D	110 PC. socket content	28.0	0.47

Impact Thin Wall Socket

KT No. & D1

4835M 1/2"

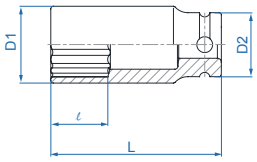
- DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
483510M	10	16	25	20	52	92	10 / 180
483511M	11	17	25	20	52	92	10 / 180
483512M	12	18	25	20	52	92	10 / 180
483513M	13	19	25	20	52	95	10 / 180
483514M	14	21	25	20	52	101	10 / 180
483516M	16	23	25	20	52	149	8 / 80
483517M	17	25	25	23	52	152	8 / 80
483519M	19	27	30	23	52	148	8 / 80
483521M	21	29	30	25	52	152	8 / 80
483522M	22	31	30	25	52	164	8 / 80
483523M	23	32	30	26	52	172	8 / 80
483524M	24	33	30	26	52	174	8 / 80
483526M	26	36	30	27	65	241	6 / 60
483527M	27	37	30	27	65	248	6 / 60
483530M	30	41	30.5	27	65	296	5 / 50
new 483535M	35	46	30	32	70	380	1 / 24

4930M 1/2"

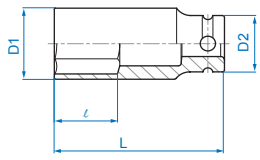
- DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
493008M	8	13.2	25	20	78	130	6 / 120
493009M	9	14.0	25	20	78	135	6 / 120
493010M	10	15.5	25	20	80	150	6 / 120
493011M	11	16.7	25	20	80	160	6 / 120
493012M	12	18.0	25	20	80	170	6 / 120
493013M	13	19.0	25	20	80	165	6 / 120
493014M	14	20.5	25	20	80	180	6 / 120
493015M	15	21.5	30	20	80	236	6 / 96
493016M	16	23.0	30	20	80	243	6 / 96
493017M	17	24.5	30	23	80	255	6 / 96
493018M	18	25.5	30	23	80	267	6 / 96
493019M	19	27.0	30	23	80	260	6 / 96
493020M	20	28.0	30	23	80	252	6 / 96
493021M	21	29.0	30	25	80	251	6 / 96
493022M	22	30.5	30	25	80	304	5 / 60
493023M	23	32.0	30	26	80	310	5 / 60
493024M	24	33.0	30	26	80	318	5 / 60
493027M	27	37.0	30	27	80	368	5 / 60
493030M	30	40.5	30	27	80	422	5 / 50
493032M	32	42.5	30	27	80	460	5 / 50
493036M	36	45.5	30	32	80	535	1 / 24

4935M 1/2"

- DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
493510M	10	15.5	25	20	80	132	6 / 120
493511M	11	16.7	25	20	80	151	6 / 120
493512M	12	18.0	25	20	80	148	6 / 120
493513M	13	19.0	25	20	80	148	6 / 120
493514M	14	20.5	25	20	80	156	6 / 120

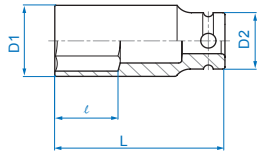
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
493516M	16	23.0	30	20	80	213	6 / 96
493517M	17	24.5	30	23	80	230	6 / 96
493519M	19	27.0	30	23	80	238	6 / 96
493521M	21	29.0	30	25	80	234	6 / 96
493522M	22	30.5	30	25	80	294	5 / 60
493523M	23	32.0	30	26	80	300	5 / 60
493524M	24	33.0	30	26	80	285	5 / 60
493526M	26	35.5	30	27	80	341	5 / 60
493527M	27	37.0	30	27	80	358	5 / 60
493530M	30	40.5	30	27	80	413	5 / 50

Impact Thin Wall Socket

KT No. & D1

4935S 1/2"

- ANSI / ASME B107.2



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
493510S	5/16	13.0	25	20	80	129	6 / 120
493512S	3/8	16.0	25	20	80	145	6 / 120
493514S	7/16	16.7	25	20	80	148	6 / 120
493516S	1/2	19.0	25	20	80	159	6 / 120
493518S	9/16	20.5	25	20	80	165	6 / 120
493520S	5/8	23.0	25	20	80	170	6 / 96
493522S	11/16	24.5	30	23	80	235	6 / 96
493524S	3/4	27.0	30	23	80	255	6 / 96
493526S	13/16	29.0	30	25	80	292	6 / 96
493528S	7/8	30.5	30	25	80	308	5 / 60
493530S	15/16	33.0	30	26	80	336	5 / 60
493532S	1	34.0	30	26	80	356	5 / 60
493534S	1-1/16	37.0	30	27	80	405	5 / 60
493536S	1-1/8	39.0	30	27	80	414	5 / 50
493538S	1-3/16	40.5	30	27	80	417	5 / 50
493540S	1-1/4	42.5	30	27	80	422	5 / 50

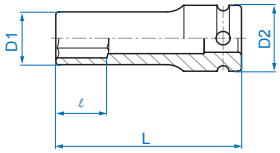
Extra Thin Wall Impact Socket

- Finishing - phosphate sunk
- For aluminum alloy wheel
- Material - chrome molybdenum alloy steel
- Super thin wall version has less strength than standard deep one

4415M 1/2"

- DIN 3121

Thin walled design (D1)



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
441517M	17	23.8	25	17	80	171	6 / 96
441519M	19	25.8	30	20	80	209	6 / 96
441521M	21	27.8	30	22	80	219	6 / 96
441522M	22	29.5	30	24	80	237	6 / 96

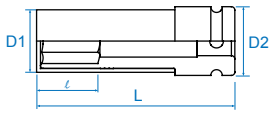
Wheel Nut Impact Socket

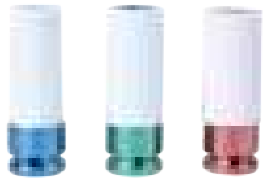
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk
- Durable outer sleeve protects polished wheels and lug nut

KT No. & D1

4945MX 1/2"

- DIN 3121



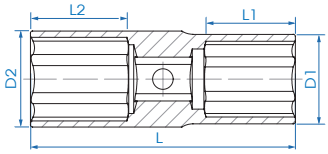


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
494517MX	17	27.3	30	26	85	214	5 / 60
494519MX	19	29.3	30	26	85	229	5 / 60
494521MX	21	30.9	30	26	85	237	5 / 60

Double - Ended Impact Socket

4915M

4915S 1/2"

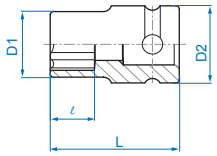


KT NO.	mm / inch	D1 mm	D2 mm	L mm	L1 mm	L2 mm		
49151719M	17 x 19	26	28	77	22	26	210	6 / 96
49151921M	19 x 21	26	28	77	23	26	200	6 / 96
49152122M	21 x 22	30	32	77	20	26	310	5 / 60
49152123M	21 x 23	30	32	77	22	26	310	5 / 60
49152426S	3/4" x 13 / 16"	26	28	77	23	26	200	6 / 96

Impact Star Socket

4575M 1/2"

- For torx external screw
- DIN 3121



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
457510M	E10	14.0	25.0	7.5	38	67	10 / 200
457512M	E12	15.9	25.0	9.0	38	69	10 / 200
457514M	E14	17.7	25.0	10.0	38	71	10 / 200
457516M	E16	20.0	25.0	11.0	38	76	10 / 200
457518M	E18	22.0	25.0	12.5	38	79	10 / 200
457520M	E20	24.5	30.0	14.0	38	118	10 / 160

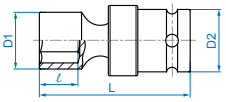
Impact Universal Joint Socket

KT No. & D1

4B55M / 4B55S 1/2"

- Special design for confined spaces
- DIN 3121

Standard Length

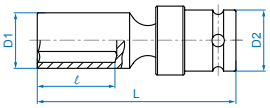


KT NO.	mm/inch	D1 mm	D2 mm	ℓ mm	L mm		
4B5510M	10	17.0	27.5	12	64	161	10 / 120
4B5511M	11	19.0	27.5	12	64	166	10 / 120
4B5512M	12	19.0	27.5	12	64	162	10 / 120
4B5513M	13	21.8	27.5	12	64	176	10 / 120
4B5514M	14	22.0	27.5	12	64	174	10 / 120
4B5515M	15	22.0	27.5	12	64	172	10 / 120
4B5516M	16	23.9	27.5	12	64	180	10 / 120
4B5517M	17	25.0	27.5	12	64	173	10 / 120
4B5518M	18	25.8	27.5	12	64	173	10 / 120
4B5519M	19	27.9	27.5	12	64	187	10 / 120
4B5521M	21	30.0	27.5	12	64	190	10 / 120
4B5522M	22	31.7	27.5	12	64	196	10 / 120
4B5524M	24	35.8	27.5	12	64	217	6 / 96
4B5512S	3/8	17.0	27.5	12	64	161	10 / 120
4B5514S	7/16	19.0	27.5	12	64	166	10 / 120
4B5516S	1/2	21.8	27.5	12	64	176	10 / 120
4B5518S	9/16	22.0	27.5	12	64	174	10 / 120
4B5520S	5/8	23.9	27.5	12	64	180	10 / 120
4B5522S	11/16	25.0	27.5	12	64	173	10 / 120
4B5524S	3/4	27.9	27.5	12	64	187	10 / 120
4B5526S	13/16	30.0	27.5	12	64	190	10 / 120
4B5528S	7/8	31.7	27.5	12	64	196	10 / 120
4B5530S	15/16	35.8	27.5	12	64	217	6 / 96

4A55M / 4A55S 1/2"

- Special design for confined spaces
- DIN 3121

Deep Version



KT NO.	mm/inch	D1 mm	D2 mm	ℓ mm	L mm		
4A5510M	10	17.0	27.5	19	91	195	10 / 80
4A5511M	11	19.0	27.5	19	91	207	10 / 80
4A5512M	12	19.0	27.5	19	91	202	10 / 80
4A5513M	13	21.8	27.5	19	91	207	10 / 80
4A5514M	14	22.0	27.5	19	91	217	10 / 80
4A5515M	15	22.0	27.5	19	91	228	10 / 80
4A5516M	16	23.9	27.5	19	91	234	10 / 80
4A5517M	17	26.0	27.5	19	91	256	6 / 60
4A5518M	18	26.0	27.5	19	91	248	6 / 60
4A5519M	19	27.9	27.5	19	91	259	6 / 60
4A5521M	21	30.0	27.5	19	91	272	6 / 60
4A5522M	22	31.7	27.5	23.5	91	278	6 / 60
4A5524M	24	35.8	27.5	24	91	309	6 / 60
4A5512S	3/8	17.0	27.5	19	91	195	10 / 80
4A5514S	7/16	19.0	27.5	19	91	207	10 / 80
4A5516S	1/2	21.8	27.5	19	91	207	10 / 80
4A5518S	9/16	22.0	27.5	19	91	217	10 / 80
4A5520S	5/8	23.9	27.5	19	91	234	10 / 80
4A5522S	11/16	26.0	27.5	19	91	256	6 / 60
4A5524S	3/4	27.9	27.5	19	91	259	6 / 60
4A5526S	13/16	30.0	27.5	19	91	273	6 / 60
4A5528S	7/8	31.7	27.5	23.5	91	278	6 / 60
4A5530S	15/16	35.8	27.5	24	91	309	6 / 60

Impact Bit Socket

CAUTION

1. Air pressure must not exceed 90PSI (6,3bar)
2. Adjust your air tool to its lowest torque output, should this torque level not be enough, increase it gradually

4055S 1/2"

- Hexagon head
- ANSI / ASME B107.2

KT NO.	inch	L mm	Max. torq Nm		
405506S	3/16	60	36.0	66	10 / 180
405508S	1/4	60	93.6	74	10 / 180
405510S	5/16	60	144.0	77	10 / 180
405512S	3/8	60	264.0	80	10 / 180
405514S	7/16	60	420.0	84	10 / 180
405516S	1/2	60	518.0	88	10 / 180

4055M 1/2"

- Hexagon head
- DIN 3121

KT NO.	mm	L mm	Max. torq Nm		
405504M	H4	60	20.8	72	10 / 180
405505M	H5	60	36.0	73	10 / 180
405506M	H6	60	62.4	74	10 / 180
405507M	H7	60	97.0	76	10 / 180
405508M	H8	60	144.0	78	10 / 180
405510M	H10	60	264.0	86	10 / 180
405512M	H12	60	480.0	99	10 / 180
405513M	H13	60	518.0	105	10 / 180
405514M	H14	60	650.0	110	10 / 180
405516M	H16	60	680.0	127	10 / 180
405517M	H17	60	715.0	180	10 / 80
405518M	H18	60	740.0	179	10 / 80
405519M	H19	60	786.0	199	10 / 80

Impact Bit Socket

CAUTION

1. Air pressure must not exceed 90PSI (6.3bar)
2. Adjust your air tool to its lowest torque output, should this torque level not be enough, increase it gradually

KT No. & D1

4056M 1/2"

- Spline head
- DIN 3121

KT NO.	Size	L mm	Max. torq Nm		
405608M	M 8	60	62.4	73	10 / 180
405610M	M10	60	144.0	81	10 / 180
405612M	M12	60	229.0	88	10 / 180

4053 4063 1/2"

- For torx internal screw
- DIN 3121

4053

4063

KT NO.	Size	L mm		
405320	T20	60	58.0	10 / 180
405325	T25	60	73.0	10 / 180
405327	T27	60	73.5	10 / 180
405330	T30	60	74.0	10 / 180
405340	T40	60	85.0	10 / 180
405345	T45	60	90.0	10 / 180
405350	T50	60	95.0	10 / 180
405355	T55	60	100.0	10 / 180
405360	T60	60	105.0	10 / 180
405370	T70	60	105.0	10 /180
406325	T25	100	97.0	6 / 120
406327	T27	100	97.5	6 / 120
406330	T30	100	98.0	6 / 120
406340	T40	100	110.0	6 / 120
406345	T45	100	130.0	6 / 120
406350	T50	100	150.0	6 / 120
406355	T55	100	160.0	6 / 120
406360	T60	100	170.0	6 / 120

4015S 1/2"

- Hexagon head
- DIN 3121

KT NO.	inch	L mm	Max. torq Nm		
401508S	1/4	80	93.6	87	6 / 120
401510S	5/16	80	144.0	90	6 / 120
401512S	3/8	80	264.0	125	6 / 120
401516S	1/2	80	518.0	150	6 / 120

4015M 1/2"

- Hexagon head
- DIN 3121

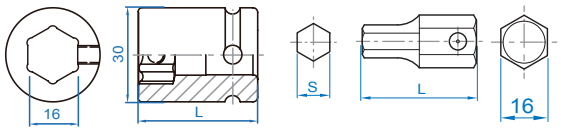
KT NO.	mm	L mm	Max. torq Nm		
401505M	H5	80	36.0	84	6 / 120
401506M	H6	80	62.4	86	6 / 120
401507M	H7	80	97.0	89	6 / 120
401508M	H8	80	144.0	96	6 / 120
401509M	H9	80	229.0	114	6 / 120
401510M	H10	80	264.0	136	6 / 120
401512M	H12	80	480.0	145	6 / 120
401513M	H13	80	518.0	155	6 / 120
401514M	H14	80	650.0	164	6 / 120
401517M	H17	80	715.0	248	6 / 96
401519M	H19	80	786.0	246	6 / 96

1740 409616M 1/2"

- Hex bit & bit holder
- DIN 3121

1740

409616M



KT NO.	S mm	L mm	Max. torq Nm		
174010H	H10	40	264.0	46	20 / 400
174012H	H12	40	480.0	52	20 / 400
174014H	H14	40	684.0	60	20 / 200
174017H	H17	40	680.0	73	20 / 200
174019H	H19	40	680.0	80	20 / 200
174022H	H22	40	680.0	97	12 / 120
409616M	16	38	680.0	145	10 / 160

4065M 1/2"

- Hexagon head
- DIN 3121

KT NO.	mm	L mm	Max. torq Nm		
406504M	H4	100	20.8	96	6 / 120
406505M	H5	100	36.0	97	6 / 120
406506M	H6	100	62.4	98	6 / 120
406508M	H8	100	144.0	110	6 / 120
406510M	H10	100	264.0	150	6 / 120
406512M	H12	100	480.0	170	6 / 120
406514M	H14	100	650.0	190	6 / 120

Impact Bit Socket

CAUTION

1. Air pressure must not exceed 90PSI (6.3bar)
2. Adjust your air tool to its lowest torque output, should this torque level not be enough, increase it gradually

KT No. & D1

4075M — 1/2"

- Hexagon head
- DIN 3121

KT NO.	mm	L mm	Max. torq Nm	g	pcs / box
407505M	H5	150	36.0	115	6 / 120
407506M	H6	150	62.4	125	6 / 120
407508M	H8	150	144.0	145	6 / 120
407510M	H10	150	264.0	185	6 / 120
407512M	H12	150	480.0	225	6 / 120
407514M	H14	150	650.0	250	6 / 120

Impact Accessory

KT No. & D1

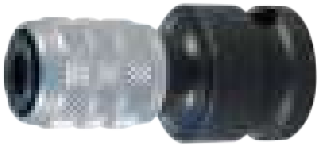
4147 — 1/2"

- Bit holder
- DIN 3121

KT NO.	Size	Overall length mm	g	pcs / box
414708S	1/4"	48	69	12 / 216
414710S	5/16"	48	70	12 / 216
414710M	10 mm	48	72	12 / 216

414A08S — 1/2"

- Quick-release
- Bit holder
- DIN 3121



KT NO.	Size	Overall length mm	g	pcs / box
414A08S	1/4"	51.2	93.6	10 / 180

Impact Accessory

4260

- Extension bar & with ball
- DIN 3121

4260

KT NO.	Overall length inch	Overall length mm	g	pcs / box
4260-03	3	75	197	4 / 80
4260-04	4	100	255	4 / 80
4260-05	5	125	277	2 / 40
4260-06	6	150	340	4 / 80
4260-08	8	200	423	4 / 48
4260-10	10	250	452	4 / 48
4260-12	12	300	595	2 / 40
4260-16	16	400	746	2 / 20

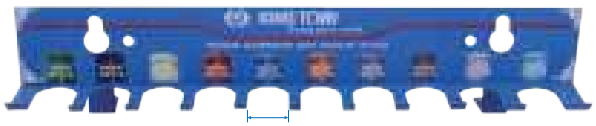
4260P

4260P

KT NO.	Overall length inch	Overall length mm	g	pcs / box
4260-03P	3	75	197	4 / 80
4260-04P	4	100	255	4 / 80
4260-05P	5	125	277	2 / 40
4260-06P	6	150	340	4 / 80
4260-08P	8	200	423	4 / 48
4260-10P	10	250	452	4 / 48
4260-12P	12	300	595	2 / 40
4260-16P	16	400	746	2 / 20

9TE41

- Hook for torque extension bar
- Groove capacity: 22 mm



Ø22mm

KT NO.	Overall length (mm)	g	pcs / box
9TE41	311	196.4	1 / 24

Example

Impact Accessory & Set

KT No. & D1

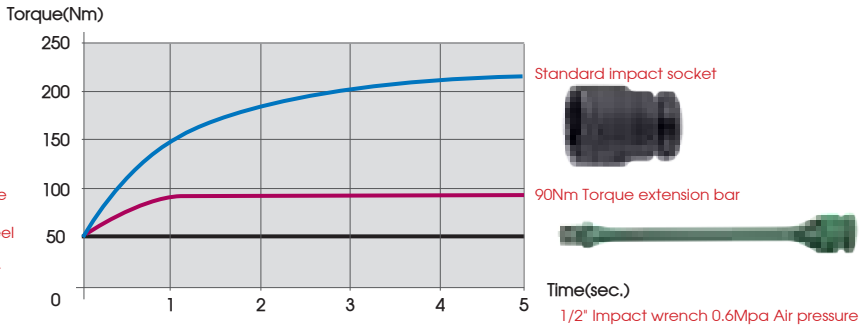
4269 1/2"

- Torque extension bar
- Color coded and engraved with Nm and ft.lb setting
- Helps to eliminate overtorqued lug nut

KT NO.	Color	Max. torq Nm	Max. torq ft.lbs	Overall length inch	Overall length mm	g
4269-08-90		90	65	7-11/16	195	192
4269-08-A0		100	75	7-11/16	195	201
4269-08-B0		110	80	7-11/16	195	217
4269-08-C0		120	90	7-11/16	195	224
4269-08-D5		135	100	7-11/16	195	238
4269-08-F0		150	110	7-11/16	195	263
4269-08-G0		160	120	7-11/16	195	304
4269-08-H5		175	130	7-11/16	195	284
4269-08-J0		190	140	7-11/16	195	331
4269-08-K0		200	150	7-11/16	195	344

How to use torque extension bar

1. Use with 1/2"DR. impact wrench, don't use by hand.
2. Set air pressure 0.6 MPa(90 PSI) and adjust torque value between 190 Nm and 210 Nm.
3. Select suitable torque extension bar according to wheel nut size and indicated tightening torque.
4. Attach the torque extension bar with socket to impact wrench and apply load.
5. Check the actual tightening torque value by torque wrench.
6. Adjust air pressure or torque value according to the result of above.
7. Tight other wheel nuts in diagonal order.



4481PP1 1/2"

- Torque extension bar set

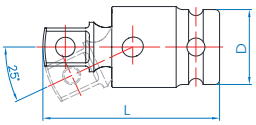
10 PC.

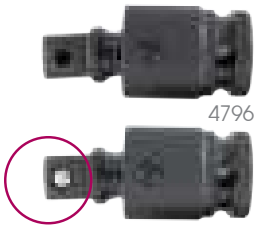
Contents			kg 2.58	1 / 6
	4269-08-90	90 Nm		
	4269-08-A0	100 Nm		
	4269-08-B0	110 Nm		
	4269-08-C0	120 Nm		
	4269-08-D5	135 Nm		
	4269-08-F0	150 Nm		
	4269-08-G0	160 Nm		
	4269-08-H5	175 Nm		
	4269-08-J0	190 Nm		
	4269-08-K0	200 Nm		

Impact Accessory

4796 | 4796P 1/2"

- Universal joint & with ball
- DIN 3121

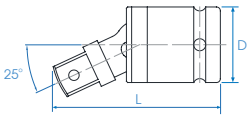


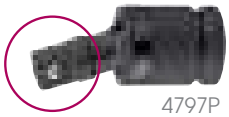


KT NO.	Overall length inch	Overall length mm	D mm	g	
4796	2-3/8	59	25	121	6 / 96
4796P	2-3/8	59	25	121	6 / 96

479AP | 4797 | 4797P 1/2"

- Universal joint & with ball
- DIN 3121

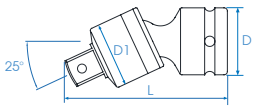


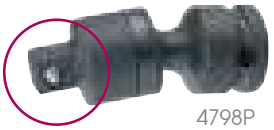


KT NO.	Overall length inch	Overall length mm	D mm	g	
479AP	2-3/8	61	29.1	161	6 / 96
4797	2-1/2	65	29.1	172	6 / 96
4797P	2-1/2	65	29.1	172	6 / 96

4798 | 4798P 1/2"

- Universal joint & with ball

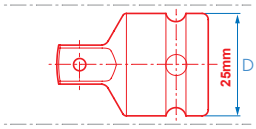




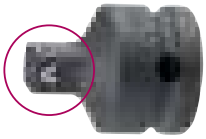
KT NO.	Overall length inch	Overall length mm	D mm	D1 mm	g	
4798	3	74	29.1	29.1	222	6 / 96
4798P	3	74	29.1	29.1	222	6 / 96

4873 | 4873P 1/2"

- Adapter & with ball
- Convert to 3/8"
- 4873 → Max. torque:303 Nm
- DIN 3121



4873 / 4873P



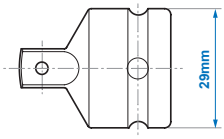
KT NO.	Spec.	D mm	g	
4873	1/2"F x 3/8"M	25	80	10 / 160
4873P	1/2"F x 3/8"M	25	80	10 / 160

KT No. & D1

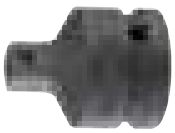
4863 | 4863P

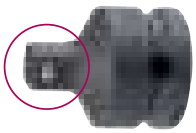
4866 | 4866P 1/2"

- Adapter & with ball
- Convert to 3/8", 3/4" drive
- 4863 → Max. torque:303 Nm
- DIN 3121



4863 / 4863P





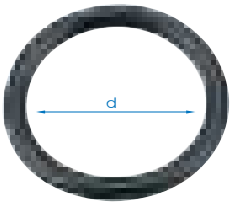
KT NO.	Spec.	g	
4863	1/2"F x 3/8"M	95	10 / 160
4866	1/2"F x 3/4"M	174	8 / 160
4863P	1/2"F x 3/8"M	95	10 / 160
4866P	1/2"F x 3/4"M	174	8 / 160

90401 | 90402 1/2"

- Locking ring
- High tensile rubber material

90601 | 90602 1/2"

- Locking pin
- Chrome vanadium steel
- DIN 3129



90401
90402

90601
90602

KT NO.	Desp.	Ø	d / ℓ	Applied to socket sizes
90401	ring	3.5	19	4535M (8~14mm) 4535S (15/16"~9/16") 4435M (8~14mm) 4435S (15/16"~9/16") 4015M (5~14mm) 4015S (1/4"~1/2") 4055M (4~14mm) 4055S (3/16"~1/2") 4935M (10~14mm) 4935S (7/16"~9/16") 4415M (17mm) 4575 (E10~E18)
90601	pin	3.0	20	4835M (10~17mm) 4530M (8~14mm) 414A08S.4053.4063.4065.4075.4873.4015 4147.4055.4056
90402	ring	3.5	23	4535M (15~46mm) 4535S (11/16"~1-1/4") 4435M (15~46mm) 4435S (5/8"~1-1/4") 4935M (16~30mm) 4935S (11/16"~1-1/4") 4015M (17.19mm) 4415M (19.21mm) 4530M (15~36mm) 4575M (E20) 4835M (19~30mm)
90602	pin	3.0	25	4260.4796.4797.4863.4873.4866

Impact Socket Rail Set

4423MP 1/2"

- Thin wall version

3 PC.

Contents	0.45 kg	48
4835M	17,19,21	

7411PP 1/2"

11 PC.

Contents	0.76 kg	4 / 32
3575M	E5, E6, E7, E8	
4575M	E10, E12, E14, E16, E18, E20	
4863	1/2"F x 3/8"M	

Impact Socket Set

4408MP 1/2"

Metal case size (mm) :
270 x 73 x 46 (0.032 cuft)

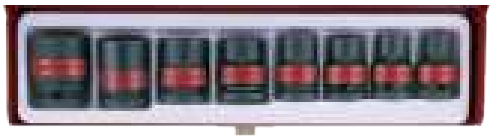
8 PC.

Contents	1.3 kg	1 / 20
4535M	10, 12, 13, 14, 17, 19, 21, 24	

4408SP 1/2"

Metal case size (mm) :
270 x 73 x 46 (0.032 cuft)

8 PC.



Contents	1.3 kg	1 / 20
4535S	3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 15/16	

4412MP 1/2"

Metal case size (mm) :
224 x 94 x 40 (0.03 cuft)

11 PC.

Contents	1.61 kg	1 / 8
4535M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21	

4414MP

4414SP 1/2"

Metal case size (mm) :
270 x 100 x 49 (0.047 cuft)

14 PC.

4414MP

4414SP

KT NO.	Contents		kg	
4414MP	4535M	10, 11, 12, 13, 14, 15, 16, 17,18, 19, 21, 22, 24, 27	2.25	1 / 8
4414SP	4535S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	2.4	

Impact Socket Set

4410MP | 4410MP01 | 4410SP 1/2"

Metal case size (mm) :
246 x 103 x 38 (0.034 cuft)

4410MP / 4410MP01

4410SP

8 PC.

KT NO.		Contents	2.3	1 / 12
4410MP	4435M	12, 13, 14, 17, 19, 21, 22, 23		
4410MP01	4435M	12, 13, 14, 17, 19, 21, 22, 24		
4410SP	4435S	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16		

4416SP 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.021 cuft)

14 PC.

Contents	4.8	1 / 6
4435S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	

4413MP 1/2"

Metal case size (mm) :
270 x 73 x 46 (0.032 cuft)

8 PC.

Contents	1.37	1 / 20
4835M	10, 12, 13, 14, 17, 19, 21, 24	

4415MP | 4415MP03 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.021 cuft)

15 PC.

4415MP

4415MP03

KT NO.		Contents	4.9	1 / 6
4415MP	4435M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 24, 26, 29, 32		
4415MP03		10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32		

4815MP04 new | 4815MP05 new 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.021 cuft)

15 PC.

4815MP04 / 4815MP05

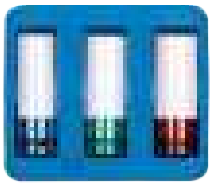
KT NO.		Contents		
4815MP04	4430M	10, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	5.1	1 / 6
4815MP05		8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	4.3	1 / 6

Wheel Nut Impact Socket Set

4405MX 1/2"

- Thin wall impact socket set with plastic sleeve
- Durable outer sleeve protects polished wheels and lug nuts

Blow case size (mm) :
149 x 132 x 45 (0.031 cuft)



3 PC.

0.83 kg / 1 / 16

Contents		
○	494517MX	17 mm
○	494519MX	19 mm
○	494521MX	21 mm

Impact Socket Set

4406MX 1/2"

- Wheel nut impact socket
- Torque extension bar

Metal case size (mm) :
296 x 130 x 41 (0.056 cuft)

6 PC.

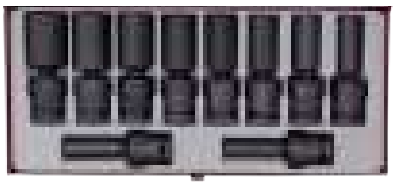
2.13 kg / 1 / 10

Contents		
○	494517MX	17 mm
○	494519MX	19 mm
○	494521MX	21 mm
	4269-08-90	90 Nm
	4269-08-B0	110 Nm
	4269-08-D5	135 Nm

Impact Universal Joint Socket Set

4440MP 4440SP 1/2"

Metal case size (mm) :
318 x 147 x 46 (0.076 cuft)



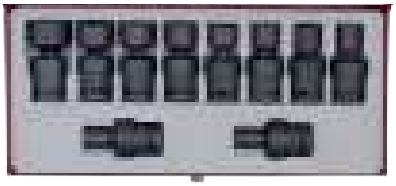
10 PC.

3.3 kg / 1 / 5

KT NO.	Contents	
4440MP	○ 4A55M	10, 11, 12, 13, 14, 17, 19, 21, 22, 24
4440SP	○ 4A55S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16

4450MP 4450SP 1/2"

Metal case size (mm) :
318 x 147 x 46 (0.076 cuft)



10 PC.

2.6 kg / 1 / 5

KT NO.	Contents	
4450MP	○ 4B55M	10, 11, 12, 13, 14, 17, 19, 21, 22, 24
4450SP	○ 4B55S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16

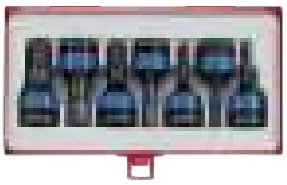
Impact Bit Socket Set

4407MP 1/2"

Metal case size (mm) :
198 x 105 x 32 (0.023 cuft)

7 PC.

- For hex head screw
- 60mmL



Contents — 0.94 kg / 1 / 20

4055M	H4, H5, H6, H8, H10, H12, H14

4457MP 1/2"

Metal case size (mm) :
244 x 118 x 37 (0.038 cuft)

7 PC.

- For hex head screw
- 100mmL

Contents — 1.44 kg / 1 / 18

4065M	H4, H5, H6, H8, H10, H12, H14

4476MP 1/2"

Metal case size (mm) :
244 x 118 x 37(0.038 cuft)

6 PC.

- For hex head screw
- 150mmL

Contents — 1.47 kg / 1 / 18

4075M	H5, H6, H8, H10, H12, H14

4418MP 1/2"

Metal case size (mm) :
270 x 73 x 46 (0.032 cuft)

8 PC.

- For hex head screw
- 60mmL

Contents — 1.34 kg / 1 / 20

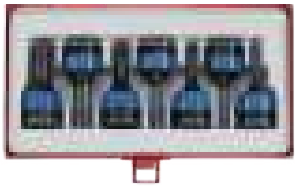
4055M	H5, H6, H8, H10, H12, H14, H17, H19

4417PP 1/2"

Metal case size (mm) :
198 x 105 x 32 (0.023 cuft)

7 PC.

- For torx internal screw
- 60mmL



Contents — 0.94 kg / 1 / 20

4053	T25, T30, T40, T45, T50, T55, T60

4467PP 1/2"

Metal case size (mm) :
244 x 118 x 37 (0.038 cuft)

7 PC.

- For torx internal screw
- 100mmL

Contents — 1.31 kg / 1 / 18

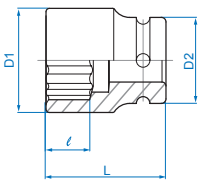
4063	T25, T30, T40, T45, T50, T55, T60

Standard Impact Socket

KT No. & D1

6510M 3/4"

- Lightweight type
- DIN 3121



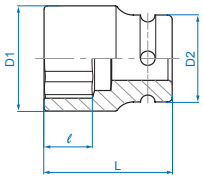
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
651017M	17	29.0	38	10	50	227	8 / 96
651018M	18	30.0	38	10	50	225	8 / 96
651019M	19	32.0	38	10	50	238	8 / 96
651021M	21	35.0	38	13	50	254	8 / 96
651022M	22	36.0	38	13	50	260	8 / 96
651023M	23	37.0	38	15	50	263	8 / 96
651024M	24	38.0	38	15	50	249	8 / 96
651026M	26	38.0	38	15	53	260	6 / 48
651027M	27	42.0	38	18	53	332	6 / 48
651028M	28	44.0	38	18	53	353	6 / 48
651029M	29	45.0	38	18	53	362	6 / 48
651030M	30	46.0	38	20	53	342	6 / 48

Standard Impact Socket

KT No. & D1

6515M — 3/4"

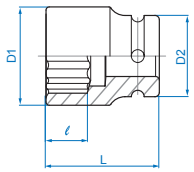
- Lightweight type
- DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
651514M	14	25.0	38	10	50	215	8 / 96
651515M	15	26.0	38	10	50	217	8 / 96
651516M	16	27.5	38	10	50	220	8 / 96
651517M	17	29.0	38	10	50	225	8 / 96
651518M	18	30.0	38	10	50	230	8 / 96
651519M	19	32.0	38	10	50	238	8 / 96
651521M	21	35.0	38	13	50	252	8 / 96
651522M	22	36.0	38	13	50	257	8 / 96
651523M	23	37.0	38	15	50	283	8 / 96
651524M	24	38.0	38	15	50	288	8 / 96
651525M	25	38.0	38	15	53	321	8 / 96
651526M	26	38.0	38	15	53	321	6 / 48
651527M	27	42.0	38	18	53	320	6 / 48
651528M	28	44.0	38	18	53	345	6 / 48
651529M	29	45.0	38	18	53	350	6 / 48
651530M	30	46.0	38	20	53	360	6 / 48

6530M — 3/4"

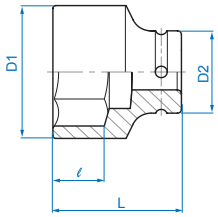
- DIN 3129, ISO 2725-2



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
653017M	17	29.0	44	10	50	316	6 / 48
653019M	19	32.0	44	10	50	329	6 / 48
653021M	21	35.0	44	13	50	341	6 / 48
653022M	22	36.0	44	13	50	346	6 / 48
653023M	23	37.0	44	15	50	350	6 / 48
653024M	24	38.0	44	15	50	352	6 / 48
653026M	26	40.0	44	15	53	358	6 / 48
653027M	27	42.0	44	18	53	380	6 / 48
653028M	28	44.0	44	18	53	394	6 / 48
653029M	29	45.0	44	18	53	404	6 / 48
653030M	30	46.0	44	20	53	412	6 / 48
653032M	32	48.0	44	20	57	460	6 / 36
653033M	33	50.0	44	20	57	479	6 / 36
653034M	34	51.0	44	22	57	491	6 / 36
653035M	35	52.0	44	22	57	497	6 / 36
653036M	36	53.0	44	22	57	519	6 / 36
653038M	38	56.0	44	22	57	540	4 / 32
653040M	40	58.0	44	22	58	567	4 / 32
653041M	41	59.0	44	24	58	580	4 / 32
653042M	42	61.0	44	24	58	600	2 / 24
653046M	46	66.0	44	24	62	950	2 / 24
653063M	63	84.5	54	40	80	1343	1 / 12
653065M	65	86.5	54	43	80	1373	1 / 12
653070M	70	92.0	54	45	83	1451	1 / 12

6535M — 3/4"

- DIN 3121



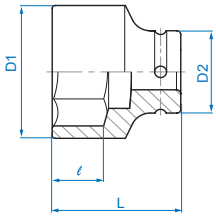
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
653513M	13	22.0	38	16	50	208	8 / 96
653517M	17	29.0	44	10	50	316	6 / 48
653518M	18	30.0	44	10	50	324	6 / 48
653519M	19	32.0	44	10	50	329	6 / 48
653521M	21	35.0	44	13	50	341	6 / 48
653522M	22	36.0	44	13	50	346	6 / 48
653523M	23	37.0	44	15	50	350	6 / 48
653524M	24	38.0	44	15	50	352	6 / 48
653526M	26	40.0	44	15	53	358	6 / 48
653527M	27	42.0	44	18	53	380	6 / 48
653528M	28	44.0	44	18	53	394	6 / 48
653529M	29	45.0	44	18	53	404	6 / 48
653530M	30	46.0	44	20	53	412	6 / 48
653531M	31	41.0	44	20	53	460	6 / 48
653532M	32	48.0	44	20	57	460	6 / 36
653533M	33	50.0	44	20	57	479	6 / 36
653534M	34	51.0	44	22	57	491	6 / 36
653535M	35	52.0	44	22	57	497	6 / 36
653536M	36	53.0	44	22	57	519	6 / 36
653538M	38	56.0	44	22	57	540	4 / 32
653540M	40	58.0	44	22	58	567	4 / 32
653541M	41	59.0	44	24	58	580	4 / 32
653542M	42	61.0	44	24	58	616	2 / 24
653543M	43	62.0	44	24	58	636	2 / 24
653544M	44	64.0	44	24	62	676	2 / 24
new 653545M	45	64.0	44	24	62	700	2 / 24
653546M	46	66.0	44	24	62	717	2 / 24
653548M	48	68.0	44	26	65	925	2 / 24
653550M	50	71.0	44	26	65	955	1 / 20
653552M	52	74.0	54	30	68	1085	1 / 20
653554M	54	76.0	54	30	68	1125	1 / 20
653555M	55	77.0	54	30	70	1160	1 / 20
653557M	57	79.0	54	32	70	1198	1 / 20
653558M	58	81.0	54	32	70	1226	1 / 20
653560M	60	84.0	54	32	70	1313	1 / 20
653563M	63	83.5	54	40	80	1341	1 / 12
653565M	65	85.5	54	43	80	1358	1 / 12
new 653570M	70	92.0	54	45	83	1580	1 / 12

Standard Impact Socket

KT No. & D1

6535S — 3/4"

▪ ANSI / ASME B107.2

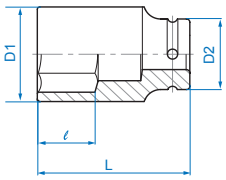


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
653522S	11/16	29	38	10	50	225	8 / 96
653524S	3/4	32	38	10	50	238	8 / 96
653526S	13/16	35	38	13	50	252	8 / 96
653528S	7/8	36	38	13	50	257	8 / 96
653530S	15/16	37	38	15	50	288	8 / 96
653532S	1	38	38	15	53	320	8 / 96
653534S	1-1/16	42	40	18	53	325	6 / 48
653536S	1-1/8	44.7	40	18	53	355	6 / 48
653538S	1-3/16	46	40	20	53	365	6 / 48
653540S	1-1/4	48	44	20	57	460	6 / 36
653542S	1-5/16	50	44	20	57	479	6 / 36
653544S	1-3/8	52	44	22	57	497	6 / 36
653546S	1-7/16	54	44	22	57	529	6 / 36
653548S	1-1/2	56	44	22	57	540	4 / 32
653550S	1-9/16	58	44	22	58	567	4 / 32
653552S	1-5/8	59	44	24	58	580	4 / 32
653554S	1-11/16	63.5	44	25	58	636	2 / 24
653556S	1-3/4	64	44	25	62	676	2 / 24
653558S	1-13/16	66	44	25.5	62	717	2 / 24
653560S	1-7/8	68	44	27	65	925	2 / 24
653562S	1-15/16	70	44	27	65	955	1 / 20
653564S	2	72	54	28	68	1035	1 / 20
653566S	2-1/16	74	54	30	68	1078	1 / 20
653568S	2-1/8	76	54	30	68	1122	1 / 20
653570S	2-3/16	77	54	30.5	70	1151	1 / 20
653572S	2-1/4	79	54	32.5	70	1208	1 / 20
653574S	2-5/16	81	54	32.5	70	1245	1 / 20
653576S	2-3/8	84	54	33.5	70	1349	1 / 20

Deep Impact Socket

6435M — 3/4"

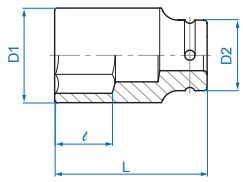
▪ DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
643519M	19	32	44	16	90	558	1 / 24
643521M	21	35	44	18	90	592	1 / 24
643522M	22	36	44	18	90	607	1 / 24
643523M	23	37	44	23	90	607	1 / 24
643524M	24	38	44	23	90	626	1 / 24
643525M	25	40	44	25	90	661	1 / 24
643526M	26	40	44	25	90	623	1 / 24
643527M	27	42	44	27	90	623	1 / 24
643528M	28	44	44	27	90	670	1 / 24
643529M	29	45	44	27	90	670	1 / 24
643530M	30	46	44	27	90	691	1 / 24
643532M	32	48	44	30	90	728	1 / 24
643533M	33	50	44	30	90	790	1 / 24
643534M	34	51	44	32	90	794	1 / 24
643535M	35	52	44	32	90	803	1 / 24
643536M	36	53	44	32	90	809	1 / 24
643538M	38	56	44	34	90	882	1 / 24
643540M	40	58	44	34	90	928	1 / 24
643541M	41	59	44	34	90	938	1 / 24
643542M	42	61	44	36	95	1074	1 / 24
643543M	43	62	44	38	95	1103	1 / 10
643544M	44	64	44	38	95	1180	1 / 10
643546M	46	66	44	38	95	1210	1 / 10
643548M	48	68	44	40	95	1391	1 / 10
643550M	50	71	44	40	95	1479	1 / 10
643555M	55	77	54	45	100	1810	1 / 10
643560M	60	84.5	54	50	100	2010	1 / 6
643565M	65	86.5	54	54	100	1990	1 / 6

6435S — 3/4"

▪ ANSI / ASME B107.2



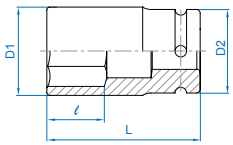
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
643524S	3/4	32	38	16	90	455	1 / 24
643526S	13/16	35	38	18	90	490	1 / 24
643528S	7/8	36	38	18	90	495	1 / 24
643530S	15/16	37	38	23	90	495	1 / 24
643532S	1	38	38	25	90	500	1 / 24
643534S	1-1/16	42	44	27	90	624	1 / 24
643536S	1-1/8	44.7	44	27	90	680	1 / 24
643538S	1-3/16	46	44	27	90	684	1 / 24
643540S	1-1/4	48	44	30	90	733	1 / 24
643542S	1-5/16	50	44	30	90	789	1 / 24
643544S	1-3/8	52	44	32	90	804	1 / 24
643546S	1-7/16	54	44	32	90	844	1 / 24
643548S	1-1/2	56	44	34	90	871	1 / 24
643550S	1-9/16	58	44	34	90	928	1 / 24
643552S	1-5/8	59	44	34	90	941	1 / 24
643554S	1-11/16	63.5	44	38	95	1111	1 / 10
643556S	1-3/4	64	44	38	95	1168	1 / 10
643558S	1-13/16	66	44	38	95	1241	1 / 10
643560S	1-7/8	68	54	40	95	1397	1 / 10
643562S	1-15/16	70	54	40	95	1448	1 / 10
643564S	2	72	54	40	95	1521	1 / 10

Thin Wall Impact Socket

KT No. & D1

6835M — 3/4"

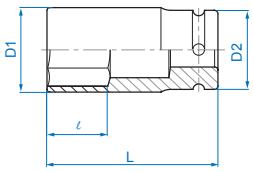
- DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
683517M	17	28.0	44	16	60	320	6 / 48
683519M	19	30.0	44	16	60	348	6 / 48
683521M	21	33.0	44	18	60	355	6 / 48
683522M	22	34.0	44	18	60	362	6 / 48
683523M	23	35.0	44	23	60	370	6 / 48
683524M	24	36.5	44	23	60	378	6 / 48
683526M	26	39.0	44	25	80	400	1 / 24
683527M	27	40.0	44	26	80	424	1 / 24
683529M	29	43.0	44	26	80	460	1 / 24
683530M	30	44.0	44	26	80	478	1 / 24
683532M	32	46.5	44	26	80	512	1 / 24

6935M — 3/4"

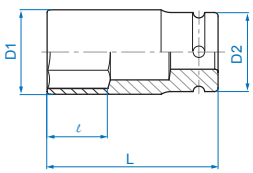
- DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
693519M	19	30.0	44	16	90	562	1 / 24
693521M	21	33.0	44	18	90	597	1 / 24
693522M	22	34.0	44	18	90	612	1 / 24
693523M	23	35.0	44	23	90	614	1 / 24
693524M	24	36.5	44	23	90	619	1 / 24
693526M	26	39.0	44	25	90	629	1 / 24
693527M	27	40.0	44	27	90	631	1 / 24
693529M	29	43.0	44	27	90	672	1 / 24
693530M	30	44.0	44	27	90	693	1 / 24
693532M	32	46.5	44	30	90	733	1 / 24

6935S — 3/4"

- ANSI / ASME B107.2

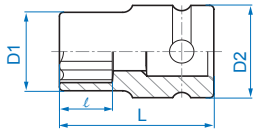


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
693524S	3/4	30.0	38	16	90	370	1 / 24
693526S	13/16	33.0	38	18	90	380	1 / 24
693528S	7/8	34.0	38	18	90	385	1 / 24
693530S	15/16	36.5	38	23	90	415	1 / 24
693532S	1	38.0	38	23	90	500	1 / 24
693534S	1-1/16	40.0	44	25	90	654	1 / 24
693536S	1-1/8	43.0	44	25	90	680	1 / 24
693538S	1-3/16	44.0	44	27	90	684	1 / 24
693540S	1-1/4	46.5	44	30	90	733	1 / 24

Impact Star Socket

6575M — 3/4"

- For torx external screw
- DIN 3121

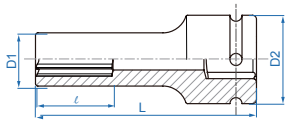


KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	
657524M	E24	32.5	44.0	17.0	50	382	6 / 48
657526M	E26	35.0	44.0	19.0	60	403	6 / 48
657528M	E28	36.5	44.0	25.5	60	414	6 / 48
657530M	E30	37.5	44.0	27.0	65	460	1 / 24
657532M	E32	39.5	44.0	29.0	65	470	1 / 24

Deep Impact Star Socket

6475M — 3/4"

- For torx external screw
- DIN 3121
- For the operation of cylinder head bolts
- E18 on MAN commercial vehicles M 2000 and MAN busses with D 08 engines
- E20 on MAN commercial vehicles F 2000, F 90, F 8 and MAN busses with D 25 and D 28 engines
- E24 on MAN commercial vehicles Common Rail engines (D20)



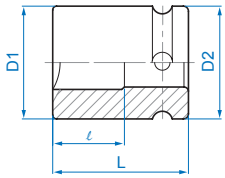
KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	
647518M	E18	26.5	44.0	12.5	110	635	1 / 10
647520M	E20	29.0	44.0	14.0	110	680	1 / 10
647522M	E22	31.0	44.0	15.0	110	700	1 / 10
647524M	E24	32.5	44.0	17.0	110	736	1 / 10

Rear Wheel Socket

KT No. & D1

6514M — 3/4"

- 4 points
- DIN 3121



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	
651417M	17	39.8	34	28	53	350	1 / 24
651419M	19	39.8	34	28	53	332	1 / 24
651420M	20	41.8	36	28	53	377	1 / 24
651421M	21	41.8	36	28	53	370	1 / 24

Impact Bit Socket

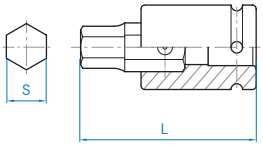
6015M 3/4"

- Hexagon head
- DIN 3121

KT NO.	mm	L mm	Max. torq Nm	g	
601514M	H14	87	684	325	2 / 48
601517M	H17	87	1136	343	2 / 48
601519M	H19	87	1577	365	2 / 48
601521M	H21	87	2134	490	1 / 24
601522M	H22	87	2436	522	1 / 24
601524M	H24	87	3190	555	1 / 24
601527M	H27	87	4535	604	1 / 24

609616MxxH 609622MxxH 3/4"

- DIN 3121



609616MxxH

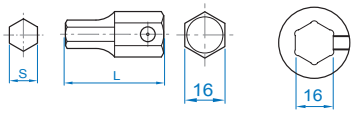
609622MxxH

KT NO.	S mm	mm	L (mm)	Max. torq Nm	g	
609616M10H	H10	16	77	264	416	4 / 40
609616M12H	H12	16	77	480	422	4 / 40
609616M14H	H14	16	77	684	430	4 / 40
609616M17H	H17	16	77	880	443	4 / 40
609616M19H	H19	16	77	880	450	4 / 40
609616M22H	H22	16	77	880	473	4 / 40
609622M19H	H19	22	93	1577	670	1 / 24
609622M22H	H22	22	93	2436	692	1 / 24
609622M24H	H24	22	93	2436	706	1 / 24
609622M27H	H27	22	93	2436	730	1 / 24
609622M30H	H30	22	93	2436	744	1 / 24
609622M32H	H32	22	93	2436	783	1 / 24

1740 609616M 3/4"

- Hex bit & bit holder
- DIN 3121

1740 609616M

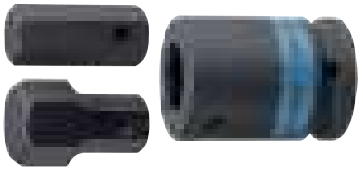


KT NO.	S mm	L mm	Max. torq Nm	g	
174010H	H10	40	264	46	20 / 400
174012H	H12	40	480	52	20 / 400
174014H	H14	40	684	60	20 / 200
174017H	H17	40	880	73	20 / 200
174019H	H19	40	880	80	20 / 200
174022H	H22	40	880	97	12 / 120
609616M	16	52	-	370	6 / 48

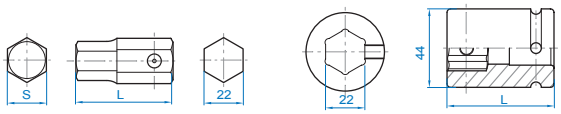
KT No. & D1

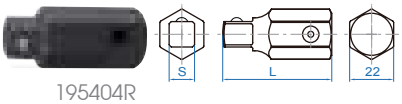
1954 609622M 3/4"

- Hex bit & bit holder
- DIN 3121



1954XXH 609622M





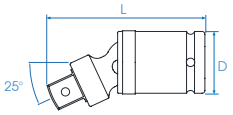
195404R

KT NO.	S mm	L mm	Max. torq Nm	g	
195419H	H19	54.5	1577	140	12 / 120
195422H	H22	54.5	2436	162	12 / 120
195424H	H24	54.5	2436	176	10 / 100
195427H	H27	54.5	2436	200	10 / 100
195430H	H30	54.5	2436	232	6 / 60
195432H	H32	54.5	2436	243	6 / 60
609622M	22	60.0	-	530	6 / 48
195404R	1/2"M	54.5	-	135	12 / 120

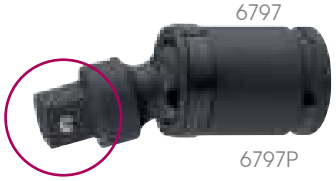
Impact Accessory

6797 6797P 3/4"

- Universal joint & with ball
- DIN 3121



6797

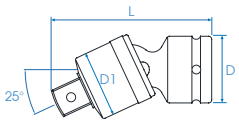


6797P

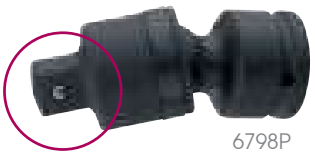
KT NO.	Overall length inch	mm	D mm	g	
6797	4-1/2	114	44	742	2 / 20
6797P	4-1/2	114	44	742	2 / 20

6798 6798P 3/4"

- Universal joint & with ball
- DIN 3121



6798



6798P

KT NO.	Overall length inch	mm	D (mm)	D1 (mm)	g	
6798	4-1/4	108	44	44	736	2 / 20
6798P	4-1/4	108	44	44	736	2 / 20

Impact Accessory

6260 | 6260P 3/4"

- Extension bar & with ball
- DIN 3121

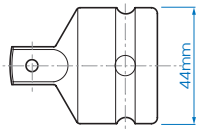
6260

6260P

KT NO.	Overall length inch	Overall length mm	g	
6260-04	4	100	577	2 / 20
6260-07	7	175	867	2 / 20
6260-10	10	250	1155	1 / 16
6260-13	13	330	1423	1 / 10
6260-04P	4	100	577	2 / 20
6260-07P	7	175	867	2 / 20
6260-10P	10	250	1155	1 / 16
6260-13P	13	330	1423	1 / 10

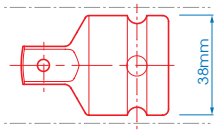
6864 | 6864P | 6868 | 6868P 3/4"

- Adapter & with ball
- Convert to 1/2" drive
- 6864 → Max. torque:768 Nm
- DIN 3121

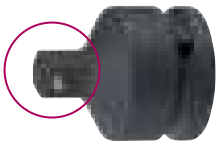


6864 / 6864P
6868 / 6868P

6864 &6868



6874 / 6874P

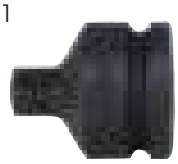


6864P &6868P

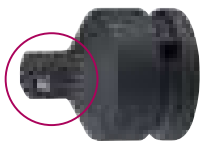
KT NO.	Spec.	g	
6864	3/4"F x 1/2"M	313	6 / 48
6868	3/4"F x 1"M	413	6 / 48
6864P	3/4"F x 1/2"M	313	6 / 48
6868P	3/4"F x 1"M	413	6 / 48

6874 | 6874P 3/4"

- Adapter & with ball
- Convert to 1/2" drive
- 6874 → Max. torque:768 Nm
- DIN 3121



6874



6874P

KT NO.	Spec.	D (mm)	g	
6874	3/4"F x 1/2"M	38	255	6 / 48
6874P	3/4"F x 1/2"M	38	255	6 / 48

KT No. & D1

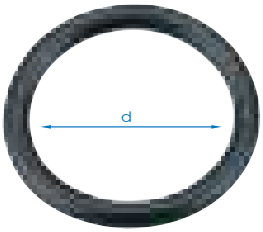
90403 | 90404 | 90405 3/4"

- Locking ring
- High tensile rubber material

90603 | 90604 | 90607 3/4"

- Locking pin
- Chrome vanadium steel
- DIN 3129

90603
90604
90607



90403
90404
90405

KT NO.	Desp.	ø	d / ℓ	Applied to socket sizes
90403	ring	3.5	33	6015M (14~19mm) 6435S (3/4"~1") 6510M (17~30mm) 6535S (11/16"~1-3/16") 6515M (17~30mm) 6935S (3/4"~1") 6874
90607	pin	3.0	30	
90404	ring	5.5	37	6535M (17~46mm) 6535S (1-1/4" ~1-13/16") 6435M (19~46mm) 6435S (1-1/16"~1-13/16") 6935M (19~32mm) 6935S (1-1/16"~1-1/4") 6015M (21~27mm) 6260.6797.6798.6864 6530M (17~46mm) 6868 6835M (17~32mm) 609616M.609622M
90603	pin	4.0	35	
90405	ring	5.5	44	6535M (48~65mm) 6535S (1-7/8" ~ 2-3/8") 6435M (48~50mm) 6435S (1-7/8" ~ 2")
90604	pin	4.0	45	

Impact Bit Socket Set

6411MP 3/4"

Metal case size (mm) :
270 x 100 x 49 (0.048 cuft)

11 PC.

Contents

kg 2.8 | 1 / 8

6096M	16, 22	
1740	H10, H12, H14, H17	
1954	H19, H22, H24, H27, H32	

Impact Socket Set

6408MP | 6408MP10 | 6408SP10 3/4"

Metal case size (mm) :
241 x 124 x 68 (0.07 cuft)

8 PC.

6408MP / 6408MP10 / 6408SP10

KT NO.		Contents	kg	
6408MP	○ 6535M	19, 22, 24, 27, 30, 32, 36, 38	3.9	1 / 6
6408MP10	○ 6515M	19, 22, 24, 27, 30	3.9	
	○ 6535M	32, 36, 38		
6408SP10	○ 6535S	3/4, 7/8, 15/16, 1-1/16, 1-3/16, 1-1/4, 1-7/16, 1-1/2	3.8	

6409MP | 6409MP03 | 6409SP10 3/4"

Metal case size (mm) :
445 x 100 x 65 (0.10 cuft)

8 PC.

6409MP / 6409MP03

6409SP10

KT NO.		Contents	kg	
6409MP	○ 6535M	26, 29, 30, 32, 34, 35, 36, 38	4.7	1 / 2
6409MP03	○ 6535M	21, 22, 24, 27, 30, 32, 36, 41	4.7	
6409SP10	○ 6535S	1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2	4.8	

6410MP | 6410SP 3/4"

Metal case size (mm) :
445 x 100 x 65 (0.10 cuft)

8 PC.

6410MP

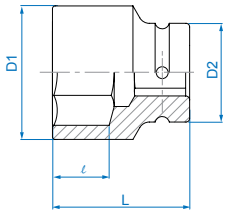
6410SP

KT NO.		Contents	kg 7.1	1 / 2
6410MP	○ 6435M	26, 29, 30, 32, 34, 35, 36, 38		
6410SP	○ 6435S	1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2		

Standard Impact Socket

8535M 1"

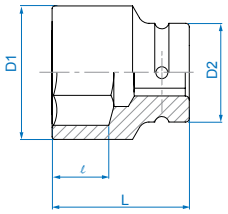
- DIN 3129, ISO 2725-2



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
853519M	19	35	54	15	58	508	1 / 24
853521M	21	37	54	15	58	529	1 / 24
853522M	22	38	54	15	58	520	1 / 24
853523M	23	39	54	17	58	542	1 / 24
853524M	24	41	54	17	58	529	1 / 24
853525M	25	42	54	17	58	567	1 / 24
853526M	26	43	54	19	58	558	1 / 24
853527M	27	44	54	19	58	538	1 / 24
853528M	28	45	54	19	58	538	1 / 24
853529M	29	47	54	19	58	600	1 / 24
853530M	30	48	54	20	60	592	1 / 24
853532M	32	51	54	20	62	679	1 / 24
853533M	33	52	54	20	62	700	1 / 24
853534M	34	53	54	20	62	766	1 / 24
853535M	35	54	54	20	62	779	1 / 24
853536M	36	56	54	20	65	729	1 / 24
853537M	37	56	54	22	65	706	1 / 24
853538M	38	58	54	22	65	742	1 / 24
853540M	40	60	54	22	65	800	1 / 24
853541M	41	61	54	22	70	846	1 / 24
853542M	42	64	54	22	70	890	1 / 20
853544M	44	67	54	26	70	1000	1 / 20
853545M	45	67	54	26	70	953	1 / 20
853546M	46	68	54	26	75	1075	1 / 20
853548M	48	70	54	26	75	1085	1 / 20
853550M	50	73	54	26	75	1170	1 / 20
853552M	52	75	54	30	80	1300	1 / 12
853553M	53	76	54	30	80	1300	1 / 12
853554M	54	78	54	30	80	1400	1 / 12
853555M	55	79	54	32	83	1433	1 / 12
853558M	58	83	54	32	83	1542	1 / 12
853560M	60	86	54	32	87	1758	1 / 12
853563M	63	90	54	34	87	1750	1 / 12
853565M	65	92	54	34	90	1758	1 / 12
853566M	66	94	54	34	90	1966	1 / 12
853568M	68	95	54	34	90	1966	1 / 12
853570M	70	97	54	34	93	2112	1 / 8
853571M	71	99	86	36	93	2925	1 / 8
853575M	75	104	86	36	95	3188	1 / 8
853580M	80	110	86	43	95	3350	1 / 4
853585M	85	115	86	43	95	3250	1 / 4
853590M	90	122	86	43	100	3950	1 / 4
853595M	95	130	95	52	105	4290	1 / 2
8535A0M	100	136	95	51	105	4600	1 / 2

8535S 1"

- ANSI / ASME B107.2

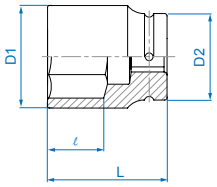


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
8535240S	3/4	35	54	15	58	508	1 / 24
8535260S	13/16	37	54	15	58	529	1 / 24
8535280S	7/8	38	54	15	58	520	1 / 24
8535300S	15/16	41	54	17	58	529	1 / 24
8535320S	1	42	54	17	58	567	1 / 24
8535340S	1-1/16	44	54	19	58	538	1 / 24
8535360S	1-1/8	47	54	19	58	600	1 / 24
8535380S	1-3/16	48	54	20	60	592	1 / 24
8535400S	1-1/4	51	54	20	62	679	1 / 24
8535420S	1-5/16	52	54	20	62	700	1 / 24
8535440S	1-3/8	54	54	20	62	779	1 / 24
8535460S	1-7/16	56	54	20	65	729	1 / 24
8535480S	1-1/2	58	54	22	65	742	1 / 24
8535500S	1-9/16	60	54	22	65	800	1 / 24
8535520S	1-5/8	61	54	22	70	846	1 / 24
8535540S	1-11/16	64	54	22	70	890	1 / 20
8535560S	1-3/4	67	54	26	70	1000	1 / 20
8535580S	1-13/16	68	54	26	75	1075	1 / 20
8535600S	1-7/8	70	54	26	75	1085	1 / 20
8535620S	1-15/16	72	54	26	75	1140	1 / 20
8535640S	2	74	54	30	75	1235	1 / 20
8535660S	2-1/16	75	54	30	80	1300	1 / 12
8535680S	2-1/8	78	54	30	80	1400	1 / 12
8535700S	2-3/16	79	54	32	83	1433	1 / 12
8535720S	2-1/4	82	54	32	83	1500	1 / 12
8535740S	2-5/16	83	54	32	83	1542	1 / 12
8535760S	2-3/8	86	54	32	87	1758	1 / 12
8535780S	2-7/16	88	54	34	87	1760	1 / 12
8535800S	2-1/2	90	54	34	87	1750	1 / 12
8535820S	2-9/16	92	54	34	90	1758	1 / 12
8535840S	2-5/8	94	54	34	90	1966	1 / 12
8535860S	2-11/16	95	54	34	90	1966	1 / 12
8535880S	2-3/4	97	54	34	93	2112	1 / 8
8535900S	2-13/16	99	86	36	93	2925	1 / 8
8535920S	2-7/8	102	86	36	93	3050	1 / 8
8535940S	2-15/16	104	86	36	95	3188	1 / 8
8535960S	3	106	86	36	95	3205	1 / 8
8535A0S	3-1/8	110	86	43	95	3350	1 / 4
8535A4S	3-1/4	112	86	43	95	3300	1 / 4
8535A8S	3-3/8	117	86	43	100	3550	1 / 4
8535B2S	3-1/2	122	86	43	100	3950	1 / 4

Deep Impact Socket

8435M 1"

- DIN 3121

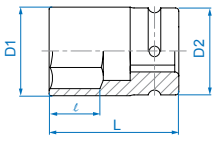


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
843524M	24	41	54	25	90	850	1 / 24
843527M	27	44	54	25	90	879	1 / 24
843528M	28	45	54	25	90	892	1 / 24
843530M	30	48	54	28	90	916	1 / 24
843532M	32	51	54	28	90	979	1 / 24
843533M	33	52	54	28	92	1016	1 / 24
843534M	34	53	54	28	92	1029	1 / 24
843535M	35	54	54	28	92	1016	1 / 24
843536M	36	56	54	32	92	1033	1 / 24
843538M	38	58	54	32	92	1025	1 / 24
843540M	40	60	54	32	92	1075	1 / 24
843541M	41	61	54	32	92	1083	1 / 24
843542M	42	64	54	32	92	1100	1 / 24
843546M	46	68	54	35	95	1137	1 / 10
843548M	48	70	54	35	95	1400	1 / 10
843550M	50	73	54	35	95	1518	1 / 10
843552M	52	75	54	40	100	1637	1 / 6
843554M	54	78	54	40	100	1750	1 / 6
843555M	55	79	54	40	100	1862	1 / 6
843558M	58	83	54	42	100	1925	1 / 6
843560M	60	86	54	42	100	2050	1 / 6
843565M	65	92	54	50	110	2663	1 / 6
843570M	70	97	54	59	110	2921	1 / 6

Thin Wall Impact Socket

8835M 1"

- Thin wall version
- 6 points
- Metric size
- DIN 3121

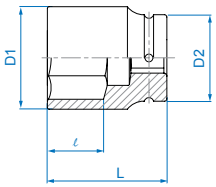


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
883524M	24	38.0	54	26	80	626	1 / 24
883527M	27	42.0	54	26	80	643	1 / 24
883529M	29	44.0	54	26	80	700	1 / 24
883530M	30	46.0	54	30	80	696	1 / 24
883532M	32	48.0	54	30	80	714	1 / 24
883533M	33	49.0	54	30	80	748	1 / 24
883534M	34	50.0	54	30	80	764	1 / 24
883535M	35	52.0	54	32	80	776	1 / 24
883536M	36	53.0	54	32	80	779	1 / 24
883538M	38	56.0	54	32	80	810	1 / 24
883541M	41	59.5	54	32	80	866	1 / 24

Deep Impact Socket

8435S 1"

- ANSI / ASME B107.1

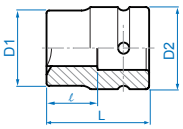


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
843530S	15/16	40.8	54	25	90	850	1 / 24
843532S	1	42	54	25	90	860	1 / 24
843534S	1-1/16	44	54	25	90	879	1 / 24
843536S	1-1/8	46.3	54	25	90	900	1 / 24
843538S	1-3/16	48	54	28	90	916	1 / 24
843540S	1-1/4	51	54	28	90	979	1 / 24
843542S	1-5/16	52	54	28	92	1016	1 / 24
843544S	1-3/8	54	54	28	92	1016	1 / 24
843546S	1-7/16	56	54	32	92	1033	1 / 24
843548S	1-1/2	58	54	32	92	1025	1 / 24
843550S	1-9/16	60	54	32	92	1075	1 / 24
843552S	1-5/8	61	54	32	92	1083	1 / 24
843554S	1-11/16	64	54	32	92	1100	1 / 24
843556S	1-3/4	67	54	32	92	1120	1 / 12
843558S	1-13/16	68	54	35	95	1137	1 / 12
843560S	1-7/8	70	54	35	95	1400	1 / 6
843562S	1-15/16	72	54	35	95	1480	1 / 6
843564S	2	74	54	35	95	1577	1 / 6
843566S	2-1/16	75	54	40	100	1637	1 / 6
843568S	2-1/8	78	54	40	100	1750	1 / 6
843570S	2-3/16	79	54	40	100	1862	1 / 6
843572S	2-1/4	82	54	42	100	1900	1 / 6

Rear Wheel Socket

8514M 8514S 8524M 1"

- 4 points
- DIN 3121



8524M

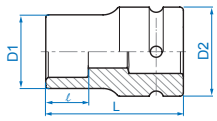
8514M 8524M 8514S

KT NO.	SQ	D1 mm	D2 mm	ℓ mm	L mm	g	
851417M	17	40.0	54	30.0	60	618	1 / 24
851419M	19	42.0	54	30.0	60	618	1 / 24
851420M	20	43.0	54	30.0	60	621	1 / 24
851421M	21	44.0	54	30.0	60	621	1 / 24
851422M	22	45.5	54	30.0	60	621	1 / 24
852421M	21	44.0	48	30.0	60	621	1 / 24
851426S	13/16	44	54	30.0	60	625	1 / 24

Rear Wheel Socket

8534M 1"

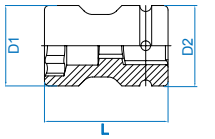
- 4 points
- DIN 3121



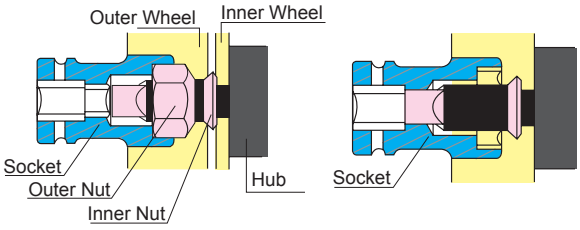
KT NO.	SQ	D1 mm	D2 mm	ℓ mm	L mm		
853417M	17	38.0	54	23.5	76	628	1 / 24
853419M	19	43.0	54	23.5	76	682	1 / 24
853421M	21	47.0	54	23.5	76	733	1 / 24

8545M 1"

- DIN 3121
- 17SQ x35MM Isuzu, Mitsubishi, Nissan, Mazda
- 19SQ x41MM Mazda
- 20SQ x38MM Hino, Toyota, Daihatsu
- 20SQ x41MM Hino, Toyota, Daihatsu
- 21SQ x41MM Scania, Isuzu, Hino, Mitsubishi, Nissan



Use for



The wheel nut socket fits onto both outer nut and inner nut

KT NO.	SQ	mm	D1 mm	D2 mm	ℓ mm	L mm		
85451735M	17	x 35	54	54	13	83	1042	1 / 24
85451941M	19	x 41	55	54	14	83	985	1 / 24
85452038M	20	x 38	58	54	14	87	1099	1 / 24
85452041M	20	x 41	58	54	14	87	1086	1 / 24
85452141M	21	x 41	58	54	14	87	1071	1 / 24

Impact Bit Socket

8015M 1"

- Hexagon head
- DIN 3121

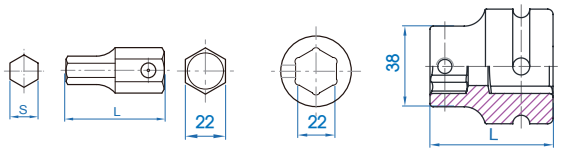
KT NO.	mm	L mm		
801519M	H19	75	860	1 / 24

1954 / 809622M

- Hex bit & bit holder
- DIN 3121

1954

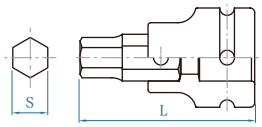
809622M



KT NO.	S mm	L mm	Max. torq Nm		
195419H	H19	54.5	1577	140	12 / 120
195422H	H22	54.5	2436	162	12 / 120
195424H	H24	54.5	2436	176	10 / 100
195427H	H27	54.5	2436	200	10 / 100
195430H	H30	54.5	2436	232	6 / 60
195432H	H32	54.5	2436	243	6 / 60
809622M	22	58.0	-	756	1 / 24

809622MxxH 1"

- Hexagon head
- DIN 3121



KT NO.	S mm	mm	L (mm)	Max. torq Nm		
809622M19H	H19	22	93	1577	896	1 / 10
809622M22H	H22	22	93	2436	918	1 / 10
809622M24H	H24	22	93	2436	932	1 / 10
809622M27H	H27	22	93	2436	956	1 / 10
809622M30H	H30	22	93	2436	988	1 / 10
809622M32H	H32	22	93	2436	999	1 / 10

Impact Accessory

8260 | 8260P 1"

- Extension bar & with ball
- DIN 3121

8260

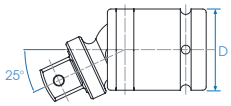
8260P

KT NO.	Overall Length inch	Overall Length mm	g	
8260-07	7	175	1393	1 / 12
8260-10	10	250	1891	1 / 12
8260-13	13	330	2455	1 / 8
8260-07P	7	175	1393	1 / 12
8260-10P	10	250	1891	1 / 12
8260-13P	13	330	2455	1 / 8

8797 | 8797P 1"

- Universal joint & with ball
- DIN 3121

8797

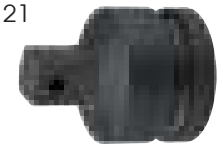


8797P

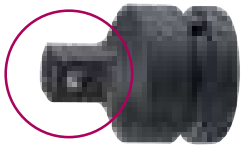
KT NO.	Overall Length inch	Overall Length mm	D mm	g	
8797	5	125	60	1530	1 /18
8797P	5	125	60	1530	1 /18

8866 | 8866P 1"

- Adapter & with ball
- Convert to 3/4" drive
- Max. torque:2118 Nm
- DIN 3121



8866



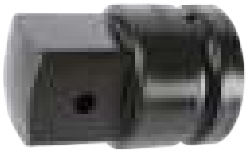
8866P

KT NO.	Spec.	g	
8866	1"F x 3/4"M	562	4 / 32
8866P	1"F x 3/4"M	562	4 / 32

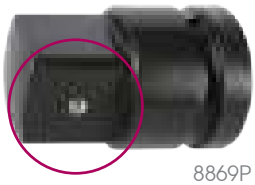
Impact Accessory

8869 | 8869P 1"

- Adapter & with ball
- Convert to 1-1/2" drive
- DIN 3121



8869



8869P

KT NO.	Spec.	g	
8869	1" F x 1-1/2"M	963	1 / 24
8869P	1" F x 1-1/2"M	963	1 / 24

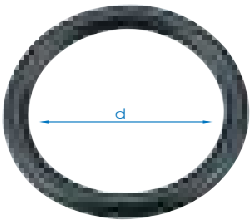
90405 | 90406

- Locking ring
- High tensile rubber material

90605 | 90606 1"

- Locking pin
- Chrome vanadium steel
- DIN 3129

90605
90606



90405
90406

KT NO.	Desp.	ø	d /ℓ	Applied to socket sizes
90405	ring	5.5	44	8535M (19~70mm) 8535S (3/4"~2-3/4") 8435M (24~60mm) 8435S (15/16"~2-1/4") 8835M (24~60mm) 8514M.8514S.8534M.806519M 8260.8797.8866.8869 8535M (71~90mm) 8535S (2-13/16"~3-1/2")
90605	pin	5.0	45	
90406	ring	10	75	
90606	pin	5.0	75	

Impact Socket Set

8408MP 1"

- 6 PC. thin wall version
- 2 PC. rear wheel

8 PC.

Metal case size (mm) :
445 x 120 x 68 (0.128 cuft)

Contents	kg 7.4		1 / 2
8835M		24, 27, 32, 36, 38, 41	
8534M		17, 21	

Impact Socket Set

8408MP02 1"

- 6 PC. thin wall deep version
- 2 PC. rear wheel, square

Metal case size (mm) :
445 x 120 x 68 (0.128 cuft)

8 PC.

Contents			6.9	1 / 2
○	8835M	24, 27, 32, 36, 38, 41		
◎	8534M	19, 21		

8409MP 1"

Metal case size (mm) :
445 x 100 x 65 (0.104 cuft)

8 PC.

Contents			8.9	1 / 2
○	8435M	24, 27, 30, 32, 33, 36, 38, 41		

8410MP 8410SP 1"

Metal case size (mm) :
280 x 130 x 74 (0.095 cuft)

8 PC.

KT NO.	Contents		6.4	1 / 4
8410MP	○	8535M	24, 27, 30, 32, 33, 36, 38, 41	
8410SP	○	8535S	15/16, 1-1/16, 1-3/16, 1-1/4, 1-5/16, 1-7/16, 1-1/2, 1-5/8	

Impact Accessory

9260 9260P 1-1/2"

- Extension bar & with ball
- DIN 3121

9260

9260P

KT NO.	Overall length inch	mm	g	
9260-13	13	330	5900	1 / 4
9260-13P	13	330	5900	1 / 4

9868 9868P 1-1/2"

- Adapter & with ball
- Convert to 1" drive
- Max. → torque:2515 Nm
- DIN 3121

9868

9868P

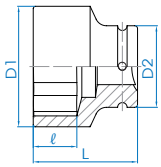
KT NO.	Spec.	g	
9868	1-1/2" F x 1"M	2360	1 / 6
9868P	1-1/2" F x 1"M	2360	1 / 6

Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

9535M 1-1/2"

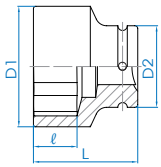
▪ DIN 3129



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
953532M	32	56	86	23	80	1945	1/6
953533M	33	57	86	23	80	1935	1/6
953534M	34	58	86	24	80	1947	1/6
953536M	36	62	86	26	80	1905	1/6
953538M	38	64	86	26	80	2002	1/6
953541M	41	68	86	28	80	2125	1/6
953542M	42	70	86	28	80	2295	1/6
953546M	46	73	86	30	85	2233	1/6
953550M	50	78	86	32	85	2300	1/6
953555M	55	85	86	36	93	2660	1/6
953560M	60	90	86	40	95	2840	1/6
953565M	65	96	86	42	100	3150	1/6
953570M	70	103	86	46	103	3460	1/6
953575M	75	108	86	48	105	3700	1/4
953580M	80	115	86	52	105	3900	1/4
953585M	85	121	86	55	110	4175	1/4
953590M	90	127	86	58	110	4600	1/4
953595M	95	134	127	50	110	7570	1/1
9535A0M	100	140	127	53	115	8104	1/1
9535A5M	105	146	127	53	115	8340	1/1
9535B0M	110	152	127	56	125	9400	1/1
9535B5M	115	160	127	60	125	9766	1/1
9535C0M	120	166	127	62	130	10460	1/1
9535C5M	125	172	127	65	135	11148	1/1
9535D0M	130	180	127	68	140	12423	1/1
9535D5M	135	185	127	70	145	13090	1/1
9535E0M	140	190	127	75	150	13570	1/1
9535F0M	150	200	127	80	155	14270	1/1

9535S 1-1/2"

▪ ANSI / ASME B107.1



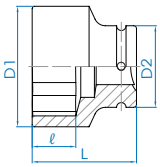
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
953564S	2	81	86	35	85	2400	1 / 6
953566S	2-1/16	82	86	36	85	3075	1 / 6
953568S	2-1/8	84	86	36	90	3214	1 / 6
953570S	2-3/16	85	86	43	93	3204	1 / 6
953572S	2-1/4	87	86	43	93	3205	1 / 6
953574S	2-5/16	89	86	43	93	3263	1 / 6
953576S	2-3/8	90	86	45	95	2950	1 / 6
953578S	2-7/16	93	86	44	95	3426	1 / 6
953580S	2-1/2	95	86	46	97	3547	1 / 6
953582S	2-9/16	96	86	49	100	3617	1 / 6
953584S	2-5/8	99	86	48	100	3780	1 / 6
953586S	2-11/16	101	86	48	100	3842	1 / 6
953588S	2-3/4	103	86	48	103	4080	1 / 6
953590S	2-13/16	105	86	50	105	4192	1 / 6
953592S	2-7/8	107	86	50	105	3600	1 / 6
953594S	2-15/16	108	86	50	105	3700	1 / 6
953596S	3	111	86	50	105	4465	1 / 4
953598S	3-1/16	114	86	52	105	4577	1 / 4
9535A0S	3-1/8	116	86	53	105	4689	1 / 4
9535A2S	3-3/16	118	86	53	105	4746	1 / 4
9535A4S	3-1/4	120	86	54	105	4829	1 / 4
9535A6S	3-5/16	122	86	56	105	4879	1 / 4
9535A8S	3-3/8	123	86	56	105	4870	1 / 4
9535B0S	3-7/16	125	86	57	105	4954	1 / 4
9535B2S	3-1/2	129	86	60	110	5442	1 / 4
9535B4S	3-9/16	130	86	60	110	5435	1 / 4
9535B6S	3-5/8	131	86	60	110	5435	1 / 4
9535B8S	3-11/16	133	86	62	113	5468	1 / 1
9535C0S	3-3/4	136	127	62	113	8147	1 / 1
9535C2S	3-13/16	138	127	64	120	9098	1 / 1
9535C4S	3-7/8	139	127	66	120	8954	1 / 1
9535C6S	3-15/16	140	127	66	120	8931	1 / 1
9535C8S	4	142	127	66	120	8104	1 / 1
9535D0S	4-1/16	143	127	68	120	8914	1 / 1
9535D2S	4-1/8	146	127	68	120	8340	1 / 1
9535D4S	4-3/16	146	127	70	120	8917	1 / 1
9535D6S	4-1/4	150	127	72	124	9400	1 / 1
9535D8S	4-5/16	154	127	72	124	10026	1 / 1
9535E0S	4-3/8	155	127	72	124	9999	1 / 1
9535E2S	4-7/16	155	127	75	128	10112	1 / 1
9535E4S	4-1/2	159	127	75	128	9766	1 / 1
9535E8S	4-5/8	164	127	79	132	13730	1 / 1
9535F2S	4-3/4	167	127	79	132	11148	1 / 1
9535F6S	4-7/8	171	127	79	136	12423	1 / 1
9535G0S	5	174	127	79	140	13090	1 / 1
9535G4S	5-1/8	180	127	80	143	13896	1 / 1
9535G8S	5-1/4	184	127	80	145	13570	1 / 1
9535J2S	6	203	127	85	165	14270	1 / 1

Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

A535M 2-1/2"

▪ DIN 3129

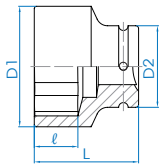


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
A535041M	41	78	127	39	115	5985	1 / 4
A535046M	46	83	127	39	115	5971	1 / 4
A535050M	50	88	127	39	115	6050	1 / 4
A535051M	51	89	127	39	115	6064	1 / 4
A535055M	55	94	127	42	115	6148	1 / 4
A535057M	57	96	127	42	115	6180	1 / 4
A535060M	60	100	127	45	125	6878	1 / 2
A535065M	65	105	127	48	125	6901	1 / 2
A535070M	70	110	127	50	125	6933	1 / 2
A535075M	75	115	127	55	125	7148	1 / 2
A535076M	76	120	127	55	125	7143	1 / 2
A535077M	77	120	127	55	125	7156	1 / 2
A535080M	80	123	127	57	125	7229	1 / 2
A535085M	85	127	127	60	130	7549	1 / 2
A535086M	86	127	127	60	130	7470	1 / 2
A535090M	90	135	127	65	130	7906	1 / 2
A535095M	95	140	127	70	140	8564	1 / 2
A535100M	100	145	127	70	140	9084	1 / 2
A535105M	105	155	127	70	142	10189	1 / 2
A535110M	110	160	127	76	155	11511	1 / 2
A535115M	115	165	127	78	155	18390	1 / 2
A535120M	120	175	127	80	160	18991	1 / 1
A535125M	125	180	127	82	165	19874	1 / 1
A535130M	130	185	127	85	170	20649	1 / 1
A535135M	135	190	127	90	175	21751	1 / 1
A535140M	140	200	127	95	180	24066	1 / 1
A535145M	145	205	127	95	183	24961	1 / 1
A535150M	150	210	127	100	190	26918	1 / 1
A535155M	155	215	175	100	195	27998	1 / 1
A535160M	160	225	175	100	200	31132	1 / 1
A535165M	165	230	175	105	205	32455	1 / 1
A535170M	170	235	175	105	205	33150	1 / 1
A535175M	175	240	175	110	210	34520	1 / 1
A535180M	180	250	175	110	213	38239	1 / 1
A535185M	185	255	175	110	213	39849	1 / 1
A535190M	190	265	175	115	220	41491	1 / 1
A535200M	200	275	175	120	225	44442	1 / 1
A535210M	210	285	175	125	235	48784	1 / 1
A535215M	215	290	175	125	240	51218	1 / 1
A535225M	225	305	175	135	250	57571	1 / 1
A535235M	235	315	175	140	260	62922	1 / 1

(Make - to - order production)

A535S 2-1/2"

▪ ANSI / ASME B107.1



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
A535076S	2-3/8	100	127	45	125	6892	1 / 2
A535078S	2-7/16	103	127	45	125	6937	1 / 2
A535080S	2-1/2	103	127	48	125	6855	1 / 2
A535082S	2-9/16	105	127	48	125	6901	1 / 2
A535084S	2-5/8	107	127	50	125	6944	1 / 2
A535088S	2-3/4	110	127	50	125	6935	1 / 2
A535090S	2-13/16	115	127	50	125	7046	1 / 2
A535094S	2-15/16	115	127	55	125	7165	1 / 2
A535096S	3	120	127	55	125	7203	1 / 2
A535100S	3-1/8	123	127	57	125	7262	1 / 2
A535108S	3-3/8	127	127	60	130	7486	1 / 2
A535112S	3-1/2	135	127	65	130	7988	1 / 2
A535120S	3-3/4	140	127	70	140	8561	1 / 2
A535124S	3-7/8	145	127	70	140	8651	1 / 2
A535126S	3-15/16	145	127	70	140	8767	1 / 2
A535132S	4-1/8	155	127	70	142	9910	1 / 2
A535136S	4-1/4	160	127	75	155	11749	1 / 2
A535138S	4-5/16	160	127	75	155	12526	1 / 2
A535144S	4-1/2	165	127	78	155	12614	1 / 2
A535148S	4-5/8	175	127	80	160	19181	1 / 1
A535156S	4-7/8	180	127	82	165	19876	1 / 1
A535160S	5	185	127	82	165	20029	1 / 1
A535164S	5-1/8	185	127	85	170	20425	1 / 1
A535168S	5-1/4	190	127	90	175	21817	1 / 1
A535172S	5-3/8	200	127	95	180	23903	1 / 1
A535180S	5-5/8	205	127	95	183	24439	1 / 1
A535184S	5-3/4	205	127	95	183	26303	1 / 1
A535188S	5-7/8	210	127	100	190	26627	1 / 1
A535192S	6	215	175	100	195	29105	1 / 1
A535196S	6-1/8	220	175	100	195	28695	1 / 1
A535200S	6-1/4	220	175	100	195	28581	1 / 1
A535204S	6-3/8	225	175	100	200	30775	1 / 1
A535208S	6-1/2	230	175	105	205	31057	1 / 1
A535212S	6-5/8	235	175	105	205	32173	1 / 1
A535216S	6-3/4	235	175	105	205	33688	1 / 1
A535220S	6-7/8	240	175	110	210	32414	1 / 1
A535224S	7	245	175	110	210	35530	1 / 1
A535240S	7-1/2	265	175	115	220	41160	1 / 1
A535244S	7-5/8	265	175	115	220	41527	1 / 1
A535252S	7-7/8	275	175	120	225	44463	1 / 1
A535256S	8	280	175	120	230	45898	1 / 1

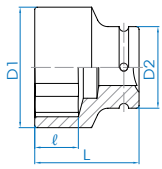
(Make - to - order production)

Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

B535M 3-1/2"

▪ DIN 3129

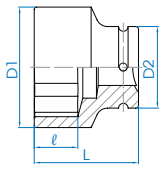


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
B535105M	105	165	175	70	175	18736	1 / 1
B535110M	110	170	175	75	175	19192	1 / 1
B535115M	115	175	175	78	180	19740	1 / 1
B535120M	120	180	175	80	185	20249	1 / 1
B535125M	125	185	175	82	185	21866	1 / 1
B535130M	130	190	175	85	194	22709	1 / 1
B535135M	135	200	175	90	200	24242	1 / 1
B535140M	140	205	175	95	205	25594	1 / 1
B535145M	145	210	175	95	210	31125	1 / 1
B535150M	150	215	175	100	210	32386	1 / 1
B535160M	160	230	175	100	220	35851	1 / 1
B535165M	165	235	175	105	224	37929	1 / 1
B535170M	170	240	175	105	225	38715	1 / 1
B535175M	175	245	175	110	230	40057	1 / 1
B535180M	180	255	200	110	230	43773	1 / 1
B535185M	185	260	200	110	235	46944	1 / 1
B535190M	190	270	200	115	240	50602	1 / 1
B535200M	200	280	200	120	245	52902	1 / 1
B535210M	210	290	200	125	250	57508	1 / 1
B535215M	215	300	200	125	250	60066	1 / 1
B535225M	225	310	200	135	265	61504	1 / 1
B535235M	235	315	200	140	267	67914	1 / 1

(Make - to - order production)

B535S 3-1/2"

▪ ANSI / ASME B107.1



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
B535132S	4-1/8	165	175	70	175	18749	1 / 1
B535136S	4-1/4	168	175	75	175	19087	1 / 1
B535140S	4-3/8	170	175	75	175	19742	1 / 1
B535144S	4-1/2	175	175	78	180	19725	1 / 1
B535148S	4-5/8	175	175	80	180	19957	1 / 1
B535152S	4-3/4	180	175	80	185	20142	1 / 1
B535156S	4-7/8	185	175	82	185	22040	1 / 1
B535160S	5	190	175	82	194	21593	1 / 1
B535164S	5-1/8	190	175	85	194	22640	1 / 1
B535168S	5-1/4	200	175	90	200	23594	1 / 1
B535172S	5-3/8	200	175	95	200	24645	1 / 1
B535176S	5-1/2	205	175	95	205	25572	1 / 1
B535180S	5-5/8	205	175	95	205	30530	1 / 1
B535184S	5-3/4	210	175	95	210	31925	1 / 1
B535188S	5-7/8	215	175	100	210	32509	1 / 1
B535192S	6	220	175	100	215	33432	1 / 1
B535196S	6-1/8	220	175	100	215	34281	1 / 1
B535200S	6-1/4	230	175	100	220	35136	1 / 1
B535204S	6-3/8	230	175	100	220	36511	1 / 1
B535208S	6-1/2	235	175	105	224	37769	1 / 1
B535212S	6-5/8	235	175	105	224	37989	1 / 1
B535216S	6-3/4	240	175	105	225	38706	1 / 1
B535220S	6-7/8	245	175	110	230	39875	1 / 1
B535224S	7	250	200	110	230	41995	1 / 1
B535228S	7-1/8	255	200	110	230	44245	1 / 1
B535232S	7-1/4	260	200	110	235	46618	1 / 1
B535236S	7-3/8	270	200	115	240	48119	1 / 1
B535240S	7-1/2	270	200	115	240	50657	1 / 1
B535244S	7-5/8	275	200	115	240	51494	1 / 1
B535248S	7-3/4	280	200	120	245	52113	1 / 1
B535252S	7-7/8	280	200	120	245	53592	1 / 1
B535256S	8	285	200	120	245	55599	1 / 1
B535260S	8-1/8	290	200	120	250	56258	1 / 1
B535264S	8-1/4	290	200	125	250	57502	1 / 1
B535268S	8-3/8	300	200	125	250	59140	1 / 1
B535272S	8-1/2	300	200	125	250	59438	1 / 1
B535276S	8-5/8	305	200	135	260	61945	1 / 1
B535280S	8-3/4	310	200	135	265	64583	1 / 1
B535284S	8-7/8	315	200	140	267	66142	1 / 1

(Make - to - order production)

Notes

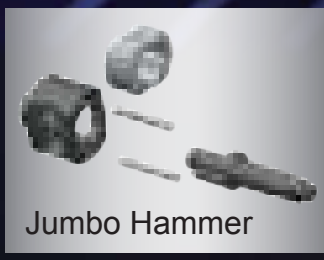
PNEUMATIC TOOLS

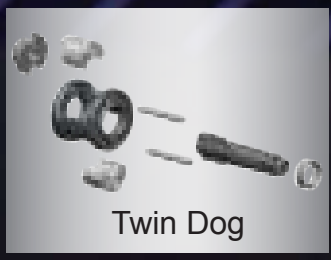
- 3/8" Impact Wrench
- 1/2" Impact Wrench
- 3/4" Impact Wrench
- 1" Impact Wrench
- 1-1/2" Impact Wrench
- Impact Wrench Set
- Air Ratchet Wrench
- Impact Screwdriver
- Air Blow Gun
- Air Hose Reel

Mechanical structure

New Twin Hammer

Twin Hammer


Jumbo Hammer


Twin Dog

Twin Pinless Clutch

KT NO.	Drive	Max. torque Ft.lb	Max. torque Nm	Type: Standard	Type: Lightweight	Type: Mini.	Working place	Anvil: STD	Anvil: Long	Page
33311-020 33311-021	3/8"	200	271					○		237
33411-020 33411-021		200	271					○		237
new 33491-030 33491-031		300	407					○		238
33451-045 33451-046		450	610					○		237
new 33431-050 33431-051		500	678					○		239
33411-040 33411-041	1/2"	500	678					○		240
33412-040 33412-041		500	678						2"	240
33421-040 33421-041		500	678					○		240
33411-050 33411-051		650	881					○		240
33412-050 33412-051		650	881						2"	240
33431-065 33431-066		650	881					○		241
33481-095 33481-096		950	1288					○		242
33611-055 33611-056	3/4"	700	949					○		241
33612-055 33612-056		700	949						2"	241
33621-075 33621-076		800	1085					○		241
33622-075 33622-076		800	1085						6"	241
33681-100 33681-101		1100	1491					○		242
33631-110 33631-111		1100	1491					○		242
33632-110 33632-111		1100	1491						6"	242
33671-160 33672-160		1600	2170					○	6"	243
33851-120 33851-121		1200	1626					○		244
33852-120 33852-121		1200	1626						6"	244
33811-150 33812-150	1"	1500	2033					○	6"	245
33871-160 33872-160		1600	2170					○	6"	243
33841-180 33842-180		1800	2440					○	6"	244
33831-180 33832-180		1800	2440					○	6"	245
33861-200 33862-200		2000	2712					○	6"	246
33851-250 33852-250	1-1/2"	2500	3388					○	8"	247
33911-250 33912-250		2500	3388					○	8"	247
33921-300 33922-300		3000	4065					○	8"	247

Impact Wrench

33311

33411

Jumbo Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33311-020	3/8"	9.53	Std.anvil	7/16"	M11	10000	200	271	5-1/2"	139	1/4" BSPT	3/8"	6.2	90	71	2.5	95.35	3.78	1.35	2.98	1 / 10
33311-021	3/8"	9.53	Std.anvil	7/16"	M11	10000	200	271	5-1/2"	139	1/4" NPT	3/8"	6.2	90	71	2.5	95.35	3.78	1.35	2.98	1 / 10
33411-020	1/2"	12.70	Std.anvil	7/16"	M11	10000	200	271	5-1/2"	139	1/4" BSPT	3/8"	6.2	90	71	2.5	95.48	5.11	1.35	2.98	1 / 10
33411-021	1/2""	12.70	Std.anvil	7/16"	M11	10000	200	271	5-1/2"	139	1/4" NPT	3/8"	6.2	90	71	2.5	95.48	5.11	1.35	2.98	1 / 10

33451

Twin Hammer

- Mini design, overall length 125mm with 1.6kg
- Nickel chrome molybenum square driver

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33451-045	1/2"	12.70	Std.anvil	5/8"	M16	9000	450	610	4-15/16"	125	1/4" BSPT	3/8"	6.2	90	164	5.8	99.90	2.26	1.60	3.53	1 / 10
33451-046	1/2"	12.70	Std.anvil	5/8"	M16	9000	450	610	4-15/16"	125	1/4" NPT	3/8"	6.2	90	164	5.8	99.90	2.26	1.60	3.53	1 / 10

Ultra Compact Angle Impact Wrench

33491-030

new

Mini.

Jumbo Hammer

- Easy to work in confined space
- Ergonomic handle in hand and great power setting
- Lightweight : 1.4Kg
- Mini head length : 88mm
- Max. torque : 350ft.lb (475Nm) in reverse

Single handed switch-Forward-Reverse

3 speed power in forward

3 2 1

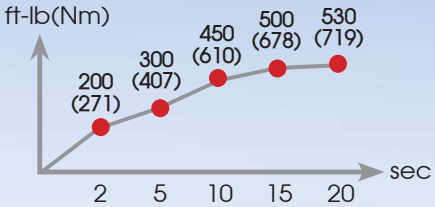
Full speed in reverse

3

360˚ swivel exhaust deflector

Unique gearless design

The gearless angle impact reduces vibration by 50%, Increases torque by 20%



KT NO.	Square drive inch	Square drive mm	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33491-030	1/2"	12.70	9/16"	M14	6,500	300	407	9.8"	248	1/4"BSPT	3/8"	6.2	90	119	4.2	94.00	7.48	1.40	3.09	1/12
33491-031	1/2"	12.70	9/16"	M14	6,500	300	407	9.8"	248	1/4"NPT	3/8"	6.2	90	119	4.2	94.00	7.48	1.40	3.09	1/12

Mini Air Impact Wrench

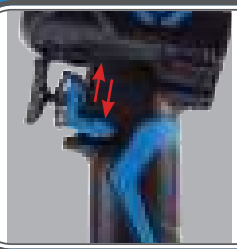
33431-050

new

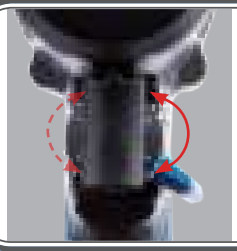
Mini

Jumbo Hammer

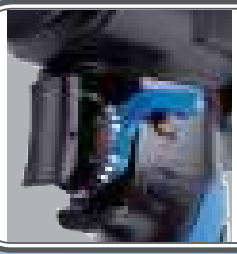
- Mini design, overall length 109mm with 1.35kg
- Nickel chrome molybenum square driver
- Improved jumbo hammer design : 30% higher torque



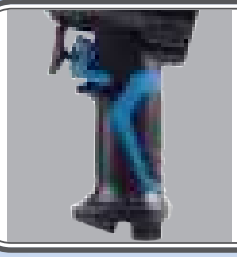
One-hand control forward & reverse switch



Convenient to switch on both sides

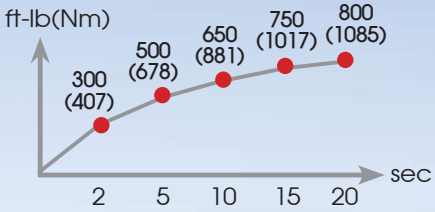


3-speed regulator for precise control



Ergonomic design interchangeable rubber grip

Air exhaust away from the operator



KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33431-050	1/2"	12.70	Std.anvil	5/8"	M16	9000	500	678	4.3"	109	1/4" BSPT	3/8"	6.2	90	142	5.0	101.02	8.70	1.35	2.98	1 / 12
33431-051	1/2"	12.70	Std.anvil	5/8"	M16	9000	500	678	4.3"	109	1/4" NPT	3/8"	6.2	90	142	5.0	101.02	8.70	1.35	2.98	1 / 12

Impact Wrench

33421

Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on front exhaust

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33421-040	1/2"	12.70	Std.anvil	5/8"	M16	8000	500	678	6-3/4"	171	1/4" BSPT	3/8"	6.2	90	113	4.0	101.02	8.70	2.56	5.64	1 / 8
33421-041	1/2"	12.70	Std.anvil	5/8"	M16	8000	500	678	6-3/4"	171	1/4" NPT	3/8"	6.2	90	113	4.0	101.02	8.70	2.56	5.64	1 / 8

33411-040 / 33412-040

Twin Hammer

33411-050 / 33412-050

New Twin Hammer

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33411-040	1/2"	12.70	Std. anvil	5/8"	M16	8000	500	678	7-23/64"	187	1/4" BSPT	3/8"	6.2	90	113	4.0	95.22	4.85	2.60	5.73	1 / 8
33411-041	1/2"	12.70	Std. anvil	5/8"	M16	8000	500	678	7-23/64"	187	1/4" NPT	3/8"	6.2	90	113	4.0	95.22	4.85	2.60	5.73	1 / 8
33412-040	1/2"	12.70	Long anvil	5/8"	M16	8000	500	678	9-23/64"	238	1/4" BSPT	3/8"	6.2	90	113	4.0	95.78	4.80	2.80	6.17	1 / 8
33412-041	1/2"	12.70	Long anvil	5/8"	M16	8000	500	678	9-23/64"	238	1/4" NPT	3/8"	6.2	90	113	4.0	95.78	4.80	2.80	6.17	1 / 8
33411-050	1/2"	12.70	Std. anvil	3/4"	M19	8000	650	881	7-41/64"	194	1/4" BSPT	3/8"	6.2	90	125	4.4	96.50	8.13	2.80	6.17	1 / 8
33411-051	1/2"	12.70	Std. anvil	3/4"	M19	8000	650	881	7-41/64"	194	1/4" NPT	3/8"	6.2	90	125	4.4	96.50	8.13	2.80	6.17	1 / 8
33412-050	1/2"	12.70	Long anvil	3/4"	M19	8000	650	881	9-23/64"	238	1/4" BSPT	3/8"	6.2	90	125	4.4	96.19	6.84	3.20	7.05	1 / 8
33412-051	1/2"	12.70	Long anvil	3/4"	M19	8000	650	881	9-23/64"	238	1/4" NPT	3/8"	6.2	90	125	4.4	96.19	6.84	3.20	7.05	1 / 8

Impact Wrench

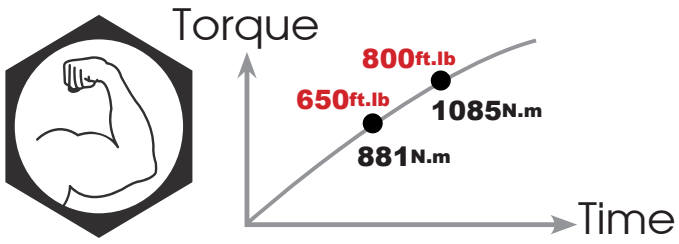
CAUTION

Please wear proper safety gear while working.

33431

Twin Hammer

- One-handed F / R control
- Convenient to switch on both sides
- 3-speed regulator for precise control
- Ergonomic design interchangeable rubber grip



KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33431-065	1/2"	12.70	Std.anvil	3/4"	M19	8000	650	881	6-7/8"	175	1/4" BSPT	3/8"	6.2	90	139	4.9	101.50	9.37	2.58	5.69	1 / 8
33431-066	1/2"	12.70	Std.anvil	3/4"	M19	8000	650	881	6-7/8"	175	1/4" NPT	3/8"	6.2	90	139	4.9	101.50	9.37	2.58	5.69	1 / 8

33611 / 33612

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

33621 / 33622

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33611-055	3/4"	19.05	Std. anvil	7/8"	M20	6500	700	949	7-13/32"	188	1/4" BSPT	3/8"	6.2	90	125	4.4	96.56	8.64	3.00	6.61	1 / 8
33611-056	3/4"	19.05	Std. anvil	7/8"	M20	6500	700	949	7-13/32"	188	1/4" NPT	3/8"	6.2	90	125	4.4	96.56	8.64	3.00	6.61	1 / 8
33612-055	3/4"	19.05	Long anvil	7/8"	M20	6500	700	949	11-13/32"	290	1/4" BSPT	3/8"	6.2	90	125	4.4	96.86	6.17	3.40	7.50	1 / 8
33612-056	3/4"	19.05	Long anvil	7/8"	M20	6500	700	949	11-13/32"	290	1/4" NPT	3/8"	6.2	90	125	4.4	96.86	6.17	3.40	7.50	1 / 8
33621-075	3/4"	19.05	Std. anvil	1"	M24	6500	800	1085	8-63/64"	228	1/4" BSPT	3/8"	6.2	90	198	7.0	97.28	6.89	4.50	9.92	1 / 4
33621-076	3/4"	19.05	Std. anvil	1"	M24	6500	800	1085	8-63/64"	228	1/4" NPT	3/8"	6.2	90	198	7.0	97.28	6.89	4.50	9.92	1 / 4
33622-075	3/4"	19.05	Long anvil	1"	M24	6500	800	1085	12-63/64"	330	1/4" BSPT	3/8"	6.2	90	198	7.0	96.68	6.46	5.00	11.02	1 / 4
33622-076	3/4"	19.05	Long anvil	1"	M24	6500	800	1085	12-63/64"	330	1/4" NPT	3/8"	6.2	90	198	7.0	96.68	6.46	5.00	11.02	1 / 4

Composite Impact Wrench

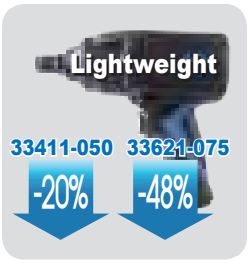
CAUTION

Please wear proper safety gear while working.

33481 33681

New Twin Hammer

- One-handed F / R control
- 4-speed power setting, full speed in reverse
- TPR ergonomic handle material reduces vibration



lightweight

20% - 48%

1/2"
3348I

3/4"
3368I

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33481-095	1/2"	17.70	Std.anvil	1"	M24	8000	950	1288	7-3/4"	197	1/4" BSPT	3/8"	6.2	90	190	6.7	96.00	8.10	2.25	4.96	1 / 8
33481-096	1/2"	17.70	Std.anvil	1"	M24	8000	950	1288	7-3/4"	197	1/4" NPT	3/8"	6.2	90	190	6.7	96.00	8.10	2.25	4.96	1 / 8
33681-100	3/4"	19.05	Std.anvil	1-3/16"	M30	8000	1100	1491	8-3/8"	211	1/4" BSPT	3/8"	6.2	90	190	6.7	96.00	8.98	2.35	5.20	1 / 8
33681-101	3/4"	19.05	Std.anvil	1-3/16"	M30	8000	1100	1491	8-3/8"	211	1/4" NPT	3/8"	6.2	90	190	6.7	96.00	8.98	2.35	5.20	1 / 8

33631 / 33632

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

3/4"
3363I

3/4"
33632

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. Bolt Size inch	Std. Bolt Size mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air Inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
33631-110	3/4"	19.05	Std. anvil	1-3/16"	M30	5500	1100	1491	8-43/64"	220	3/8" BSPT	1/2"	6.2	90	269	9.5	98.35	5.31	5.60	12.35	1 / 4
33631-111	3/4"	19.05	Std. anvil	1-3/16"	M30	5500	1100	1491	8-43/64"	220	3/8" NPT	1/2"	6.2	90	269	9.5	98.35	5.31	5.60	12.35	1 / 4
33632-110	3/4"	19.05	Long anvil	1-3/16"	M30	5500	1100	1491	14-55/64"	377	3/8" BSPT	1/2"	6.2	90	269	9.5	97.20	7.90	6.04	13.32	1 / 4
33632-111	3/4"	19.05	Long anvil	1-3/16"	M30	5500	1100	1491	14-55/64"	377	3/8" NPT	1/2"	6.2	90	269	9.5	97.20	7.90	6.04	13.32	1 / 4

Impact Wrench

33851 / 33852

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

1"
33851

1"
33852

33841 / 33842

1"
33841

1"
33842

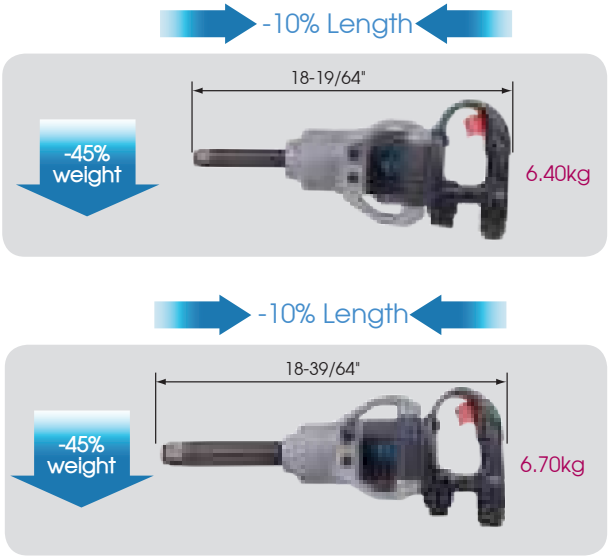
KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33851-120	1"	25.40	Std. anvil	1-17/64"	M32	5500	1200	1626	8-53/64"	224	3/8" BSPT	1/2"	6.2	90	269	9.5	99.75	6.57	5.64	12.43	1 / 4
33851-121	1"	25.40	Std. anvil	1-17/64"	M32	5500	1200	1626	8-53/64"	224	3/8" NPT	1/2"	6.2	90	269	9.5	99.75	6.57	5.64	12.43	1 / 4
33852-120	1"	25.40	Long anvil	1-17/64"	M32	5500	1200	1626	14-1/64"	356	3/8" BSPT	1/2"	6.2	90	269	9.5	98.00	8.40	6.04	13.32	1 / 4
33852-121	1"	25.40	Long anvil	1-17/64"	M32	5500	1200	1626	14-1/64"	356	3/8" NPT	1/2"	6.2	90	269	9.5	98.00	8.40	6.04	13.32	1 / 4
33841-180	1"	25.40	Std. anvil	1-27/64"	M36	4000	1800	2440	12-3/32"	307	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	101.56	4.37	10.62	23.41	1 / 2
33842-180	1"	25.40	Long anvil	1-27/64"	M36	4000	1800	2440	20-5/64"	510	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	99.85	5.87	12.52	27.60	1 / 2

Impact Wrench

33671 / 33672

Twin Hammer

- Lightweight durable composite housing
- Nickel chrome molybenum square driver
- Comfortable rubber handle



33871 / 33872

3/4"

33671-160

3/4"

33672-160

1"

33871-160

1"

33872-160

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. Bolt Size inch	Std. Bolt Size mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
33671-160	3/4"	19.05	Std. anvil	1-3/16"	M30	5500	1600	2170	12-1/2"	318	1/2" BSPT / NPT	3/4"	6.2	90	241	8.5	105.00	15.40	5.70	12.57	1 / 2
33672-160	3/4"	19.05	Long anvil	1-3/16"	M30	5500	1600	2170	18-19/64"	465	1/2" BSPT / NPT	3/4"	6.2	90	241	8.5	106.00	13.80	6.40	14.11	1 / 2
33871-160	1"	25.40	Std. anvil	1-3/16"	M30	5500	1600	2170	12-45/64"	323	1/2" BSPT / NPT	3/4"	6.2	90	241	8.5	106.00	13.70	5.80	12.79	1 / 2
33872-160	1"	25.40	Long anvil	1-3/16"	M30	5500	1600	2170	18-39/64"	473	1/2" BSPT / NPT	3/4"	6.2	90	241	8.5	104.00	14.98	6.70	14.77	1 / 2

Impact Wrench

33811 / 33812

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

33831 / 33832

1"
33811-150

1"
33812-150

1"
33831-180

1"
33832-180

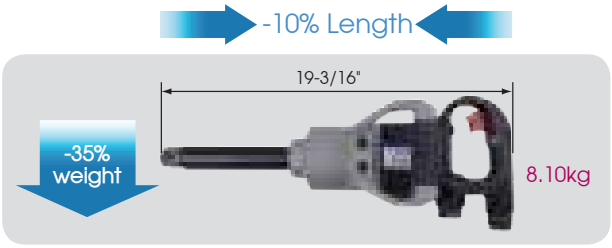
KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. Bolt Size inch	Std. Bolt Size mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air Inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
33811-150	1"	25.40	Std. anvil	1-1/4"	M36	4000	1500	2033	14-19/32"	371	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	101.17	10.77	10.30	22.71	1 / 1
33812-150	1"	25.40	Long anvil	1-1/4"	M36	4000	1500	2033	20-19/32"	523	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	100.40	6.13	11.30	24.91	1 / 1
33831-180	1"	25.40	Std. anvil	1-1/2"	M38	4000	1800	2440	14-19/32"	371	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	102.11	8.84	11.50	25.35	1 / 1
33832-180	1"	25.40	Long anvil	1-1/2"	M38	4000	1800	2440	20-19/32"	523	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	103.99	6.60	12.50	27.56	1 / 1

Impact Wrench

33861 / 33862

Twin Hammer

- Light weight durable composite housing
- Nickel chrome molybdenum square driver
- Comfortable rubber handle



KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33861-200	1"	25.40	Std. anvil	1-27/64"	M36	5000	2000	2712	13-43/64"	347	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	106.00	17.20	7.40	16.31	1 / 2
33862-200	1"	25.40	Long anvil	1-27/64"	M36	5000	2000	2712	19-3/16"	487	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	104.00	14.50	8.10	17.86	1 / 2

Impact Wrench

33851 / 33852 | 33911 / 33912 | 33921 / 33922

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

1"

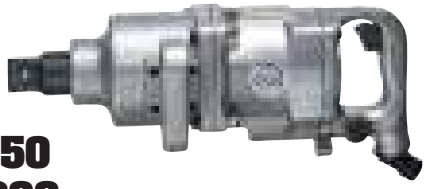
33851-250

1"

33852-250

1-1/2"

33911-250
33921-300



1-1/2"

33912-250
33922-300

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. Bolt Size inch	Std. Bolt Size mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air Inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
33851-250	1"	25.40	Std. anvil	1-25/32"	M45	3000	2500	3388	17-11/64"	436	1/2" BSPT / NPT	3/4"	6.2	90	411	14.5	101.15	6.30	15.80	34.83	1 / 1
33852-250	1"	25.40	Long anvil	1-25/32"	M45	3000	2500	3388	24-7/8"	632	1/2" BSPT / NPT	3/4"	6.2	90	411	14.5	101.91	6.49	18.70	41.23	1 / 1
33911-250	1-1/2"	38.10	Std. anvil	1-25/32"	M45	3000	2500	3388	17-53/64"	453	1/2" BSPT / NPT	3/4"	6.2	90	411	14.5	104.13	6.32	15.80	34.83	1 / 1
33912-250	1-1/2"	38.10	Long anvil	1-25/32"	M45	3000	2500	3388	23-53/64"	605	1/2" BSPT / NPT	3/4"	6.2	90	411	14.5	103.90	6.53	18.70	41.23	1 / 1
33921-300	1-1/2"	38.10	Std. anvil	2"	M50	3000	3000	4065	17-3/4"	451	1/2" BSPT / NPT	3/4"	6.2	90	453	16.0	104.52	8.86	19.70	43.43	1 / 1
33922-300	1-1/2"	38.10	Long anvil	2"	M50	3000	3000	4065	25-15/32"	647	1/2" BSPT / NPT	3/4"	6.2	90	453	16.0	104.52	7.12	22.80	50.27	1 / 1

Impact Socket & Wrench Set

44506MP

1/2" 7 PC.

Blow case size (mm) :
310 x 240 x 85 (0.223 Cuft)

- 5 PC. stubby impact sockets 17~24mm
- 1 PC. impact wrench
- 1 PC. air inlet adaptor

KT NO.	Contents	2.7	1 / 6
44506MP 44506MP01	33451-045	4525M 17, 19, 21, 22, 24	SY-221M (1/4"BSPT) SY-211M (1/4"BSPT)
44506MP10	33451-046		SY-231M (1/4"NPT)

44116MP

Blow case size (mm) :
315 x 250 x 120 (0.334 cuft)

- 10 PC. impact sockets 9~27mm
- 3 PC. thin wall impact sockets 17~21mm
- 1 PC. impact wrench
- 1 PC. extension bar
- 1 PC. universal joint
- 2 PC. ring Ø 3.5 x 19mm & Ø 3.5 x 23mm
- 2 PC. pin Ø 3 x 20 & Ø 3 x 25 (6150)
- 1 PC. air inlet adaptor

1/2" 21 PC.

KT NO.	Contents	6.1	1 / 4
44116MP	4535M 9, 10, 11, 13, 14, 17, 19, 22, 24, 27	33411-040	SY-221M (1/4"BSPT)
44116MP04	4415M 17, 19, 21 4260-05 4797 90601 90602 90401 90402		SY-211M (1/4"BSPT)
44116MP10		33411-041	SY-231M (1/4"NPT)

44118MP

Blow case size (mm) :
420 x 315 x 100 (0.475 cuft)

- 14 PC. deep impact sockets 10~27mm
- 1 PC. impact wrench
- 2 PC. extension bars, 3" & 5" L
- 1 PC. universal joint
- 2 PC. ring Ø 3.5 x 19mm & Ø 3.5 x 23mm
- 2 PC. pin Ø 3 x 20mm & Ø 3 x 25mm (6150)
- 1 PC. air inlet adaptor

1/2" 23 PC.

KT NO.	Contents	8.4	1 / 2
44118MP	4435M 10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 23, 24, 26, 27	33411-040	SY-221M (1/4"BSPT)
44118MP04	4260-03 4260-05 4797 90601 90602 90401 90402		SY-211M (1/4"BSPT)
44118MP10		33411-041	SY-231M (1/4"NPT)

Impact Socket & Wrench Set

44801FMP new

1/2" 20 PC.

Blow case size (mm) :
422 x 275 x 85mm (0.35cuff)

- 12 PC. standard impact socket 10~24mm
- 1 PC. impact wrench
- 3 PC. thin wall impact sockets with plastic sleeve 17~21mm
- 1 PC. extension bar 3" L
- 1 PC. universal joint
- 1 PC. air inlet adapter
- 1 PC. lube

KT NO.	Contents	5.79	1 / 4
44801FMP	4535M 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24 4945MX 17, 19, 21 4260-03P 4797P LUBE15	33481-095	SY-221M (1/4"BSPT) SY-211M (1/4"BSPT)
44801AMP			
44801BMP		33481-096	SY-231M (1/4"NPT)

44801FMP01 new

1/2" 20 PC.

Blow case size (mm) :
422 x 275 x 85mm (0.35cuff)

- 12 PC. standard impact socket 10~24mm
- 1 PC. impact wrench
- 3 PC. thin wall impact sockets with plastic sleeve 17~21mm
- 1 PC. extension bar 3" L
- 1 PC. universal joint
- 1 PC. air inlet adapter
- 1 PC. lube

KT NO.	Contents	6.03	1 / 4
44801FMP01	4535M 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24 4945MX 17, 19, 21 4260-03P 4797P LUBE15	33431-065	SY-221M (1/4"BSPT) SY-211M (1/4"BSPT)
44801AMP01			
44801BMP01		33431-066	SY-231M (1/4"NPT)

Impact Socket & Wrench Set

44802FMP new

1/2" 16 PC.

Blow case size (mm) :
340 x 263 x 80mm (0.253 cuft)

- 11 PC. standard impact socket 10~24mm
- 1 PC. impact wrench
- 1 PC. extension bar
- 1 PC. universal joint
- 1 PC. air inlet adapter
- 1 PC. lube

KT NO.	Contents	3.9	1 / 3
44802FMP	4535M 10, 12, 13, 14, 16, 17, 18 ,19, 21, 22, 24, 4260-05P 4796P LUBE15	33431-050	SY-221M (1/4"BSPT) SY-211M (1/4"BSPT)
44802AMP			
44802BMP		33431-051	SY-231M (1/4"NPT)

64111MP

3/4" 14 PC.

Blow case size (mm) :
420 x 315 x 100 (0.475 cuft)

- 8 PC. impact sockets 26~38mm
- 1 PC. impact wrench
- 1 PC. extension bar, 7" L
- 1 PC. universal joint
- 1 PC. ring Ø 5.5 x 37mm
- 1 PC. pin Ø 4 x 35
- 1 PC. air inlet adaptor

KT NO.	Contents	13.3	1 / 2
64111MP	6535M 26, 27, 28, 30, 32, 35, 36, 38	33621-075	SY-221M (1/4"BSPT) SY-211M (1/4"BSPT)
64111MP01	6260-07 6797 90603 90404		
64111MP12		33621-076	SY-231M (1/4"NPT)

64801FMP new

3/4" 13 PC.

Blow case size (mm) :
422 x 275 x 85mm(0.35 cuff)

- 8 PC. standard impact socket 19~38mm
- 1 PC. impact wrench
- 1 PC. extension bar 7" L
- 1 PC. universal joint
- 1 PC. air inlet adapter
- 1 PC. lube

KT NO.	Contents	8.48	1 / 2
64801FMP	6515M 19, 22, 24, 27, 30 6535M 32, 36, 38 6260-07P 6797P LUBE15	33681-100	SY-221M (1/4"BSPT) SY-211M (1/4"BSPT)
64801AMP			
64801BMP		33681-101	SY-231M (1/4"NPT)

Impact Socket & Wrench Set

64115MP

3/4" 18 PC.

Blow case size (mm) :
510 x 390 x 115 (0.822 cuft)

- 12 PC. impact sockets
- 1 PC. impact wrench
- 1 PC. extension bar, 7" L
- 1 PC. universal joint
- 1 PC. ring Ø 5.5 x 37mm
- 1 PC. pin Ø 4.0 x 35mm
- 1 PC. air inlet adaptor

KT NO.	Contents	13.3	1 / 2
64115MP	6535M 24, 26, 27, 29, 30, 32, 33, 34, 35, 36, 38, 41	33621-075	SY-221M (1/4"BSPT)
64115MP01	6260-07 6797		SY-211M (1/4"BSPT)
64115MP12	90603 90404	33621-076	SY-231M (1/4"NPT)

Super Duty Air Ratchet Wrench

37323

37423

3/8" **37323**

1/2" **37423**

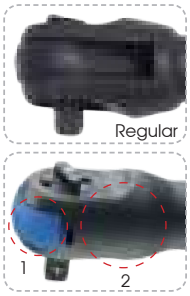
- Ergonomically enhanced composite handle
- 360° exhaust rotation leads the air away from working area
- Unique head design: dust free and prevent deformation and triples the life of parts
- Dual pawl design provides higher torque

KT NO.	Square drive Inch	mm	Type Std/Long anvil	Std. bolt size Inch	mm	Free speed R.P.M	Max. torque ft.lb	Nm	Overall length Inch	mm	Air inlet inch	Air hose ID	Air pressure bar	PSI	Avg. air consumption L/min	CFM	Sound DBA	Vib M/S2	Net weight kgs	lbs	
37323-080	3/8"	9.53	Std. anvil	3/8"	M10	280	80	108	11"	279	1/4" BSPT	3/8"	6.2	90	113	4.0	94.00	2.52	1.25	2.76	1 / 12
37323-081	3/8"	9.53	Std. anvil	3/8"	M10	280	80	108	11"	279	1/4" NPT	3/8"	6.2	90	113	4.0	94.00	2.52	1.25	2.76	1 / 12
37423-080	1/2"	12.70	Std. anvil	3/8"	M10	280	80	108	11"	279	1/4" BSPT	3/8"	6.2	90	113	4.0	93.00	2.07	1.25	2.76	1 / 12
37423-081	1/2"	12.70	Std. anvil	3/8"	M10	280	80	108	11"	279	1/4" NPT	3/8"	6.2	90	113	4.0	93.00	2.07	1.25	2.76	1 / 12

Air Ratchet Wrench

37221 / 37321

- Ergonomically enhanced composite handle
- Dual pawl design provides higher torque



- Dust-free design
- Prevents deformation and triples the life of the parts

37334 / 37434

1/4" & 3/8"

37221
37321

3/8" & 1/2"

37334
37434

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
37221-030	1/4"	6.35	Std. anvil	1/4"	M6	250	30	41	8-1/16"	205	1/4" BSPT	3/8"	6.2	90	79	2.8	86.00	2.32	0.67	1.48	1 / 30
37221-031	1/4"	6.35	Std. anvil	1/4"	M6	250	30	41	8-1/16"	205	1/4" NPT	3/8"	6.2	90	79	2.8	86.00	2.32	0.67	1.48	1 / 30
37321-050	3/8"	9.53	Std. anvil	5/16"	M8	270	50	68	8-1/16"	205	1/4" BSPT	3/8"	6.2	90	79	2.8	93.00	2.26	0.67	1.48	1 / 30
37321-051	3/8"	9.53	Std. anvil	5/16"	M8	270	50	68	8-1/16"	205	1/4" NPT	3/8"	6.2	90	79	2.8	93.00	2.26	0.67	1.48	1 / 30
37334-080	3/8"	9.53	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" BSPT	3/8"	6.2	90	127	4.5	93.00	3.58	1.25	2.76	1 / 10
37334-081	3/8"	9.53	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" NPT	3/8"	6.2	90	127	4.5	93.00	3.58	1.25	2.76	1 / 10
37434-080	1/2"	12.70	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" BSPT	3/8"	6.2	90	127	4.5	92.00	3.91	1.26	2.78	1 / 10
37434-081	1/2"	12.70	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" NPT	3/8"	6.2	90	127	4.5	92.00	3.91	1.26	2.78	1 / 10

37235 / 37335 / 37435

- Working around tightly packed engines, machinery and equipment

3/8"

37335

1/4" & 3/8"

37235
37335

1/2"

37435

KT NO.	Square drive inch	Square drive mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
37235-030	1/4"	6.35	230	30	41	6-1/8"	155	1/4" BSPT	3/8"	6.2	90	71	2.5	92.00	10.50	0.49	1.08	1 / 20
37235-031	1/4"	6.35	230	30	41	6-1/8"	155	1/4" NPT	3/8"	6.2	90	71	2.5	92.00	10.50	0.49	1.08	1 / 20
new 37335-030	3/8"	9.53	230	30	41	6-1/8"	155	1/4" BSPT	3/8"	6.2	90	71	2.5	92.00	10.50	0.49	1.08	1 / 20
37335-075	3/8"	9.53	200	75	102	10-1/4"	260	1/4" BSPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20
37335-076	3/8"	9.53	200	75	102	10-1/4"	260	1/4" NPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20
37435-075	1/2"	12.70	200	75	102	10-1/4"	260	1/4" BSPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20
37435-076	1/2"	12.70	200	75	102	10-1/4"	260	1/4" NPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20

Impact Screwdriver

3311

Twin Dog

1/4"

3311

3312

Twin Pinless Clutch

1/4"

3312

KT NO.	Collect Size inch	Collect Size mm	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33111	1/4"	6.35	3/16"	M5	10000	26	35	7-1/2"	191	1/4" BSPT	3/8"	6.2	90	71	2.5	89.53	10.29	0.73	1.61	1 / 20
33112	1/4"	6.35	3/16"	M5	10000	26	35	7-1/2"	191	1/4" NPT	3/8"	6.2	90	71	2.5	89.53	10.29	0.73	1.61	1 / 20
33121	1/4"	6.35	3/16"	M5	11000	75	102	7-1/4"	183	1/4" BSPT	3/8"	6.2	90	96	3.4	92.8	3.83	0.82	1.81	1 / 20
33122	1/4"	6.35	3/16"	M5	11000	75	102	7-1/4"	183	1/4" NPT	3/8"	6.2	90	96	3.4	92.8	3.83	0.82	1.81	1 / 20

Continuous Flow Air Grease Gun

9BV14

- Ideal for machine, automobile, farm and garden equipments, vehicles etc.
- 360° rotating handle

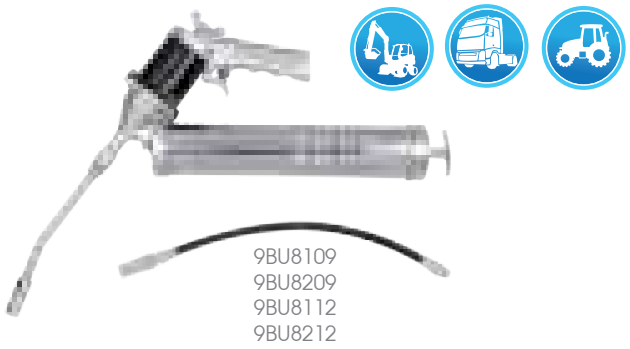
KT NO.	Air inlet (inch)	Screw Thread	Air Source Range input (psi/bar)	Air Source Range output (psi/bar)	Recommended Air Source input (psi/bar)	Recommended Air Source output (psi/bar)	Capacity c.c.	Capacity oz	kg	
9BV1410	1/4" BSPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1420	1/4" BSPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1411	1/4" NPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1421	1/4" NPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10

9BV1410 / 9BV1411 For general market except North America, Germany, South Africa, Egypt
9BV1420 / 9BV1421 For Germany, South Africa, Egypt, etc.

Continuous Flow Air Grease Gun with 12" Tube

9BV14T

- Ideal for machine, automobile, farm and garden equipments, vehicles etc.
- 360° rotating handle



9BU8109
9BU8209
9BU8112
9BU8212

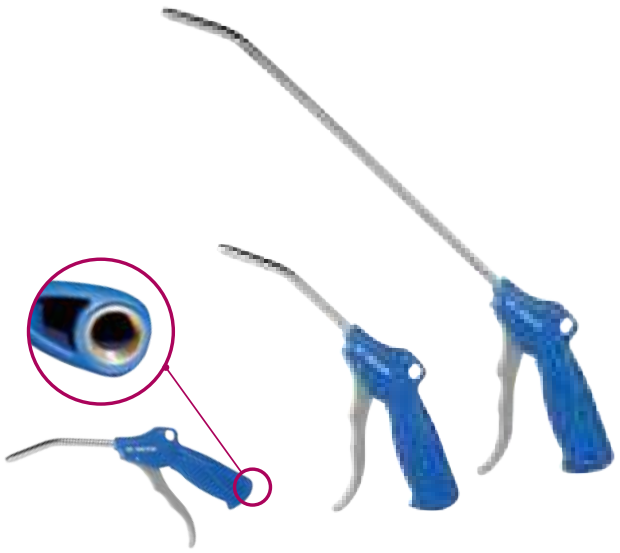
KT NO.	Air inlet (inch)	Screw Thread	Air Source Range input (psi/bar)	Air Source Range output (psi/bar)	Recommended Air Source input (psi/bar)	Recommended Air Source output (psi/bar)	Capacity c.c.	Capacity oz	Kg	
9BV1410T	1/4" BSPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1420T	1/4" BSPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1411T	1/4" NPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1421T	1/4" NPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BU8109	9" length	1/8" x 28 PT								
9BU8209	9" length	10 x 1.0 Mertric								
9BU8112	12" length	1/8" x 28 PT								
9BU8212	12" length	10 x 1.0 Mertric								

9BV1410T / 9BV1411T For general market except North America, Germany, South Africa, Egypt
9BV1420T / 9BV1421T For Germany, South Africa, Egypt, etc.

Air Blow Gun

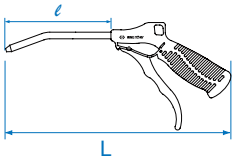
7990

- Ideal for cleaning
- Steel nozzle & nylon fiber handle
- Air pressure: 90 PSI recommended
- Air consumption: 1/4" hose-13cfm-350l/min , 3/8" hose-15cfm-430l/min
- Sound pressure: 85~90 dB
- Working pressure: 75~120 PSI/5.0~8.0 kgs
- Max pressure: 200 PSI/ 15 kgs



Copper Thread

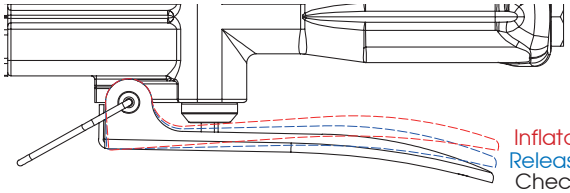
KT NO.	Air inlet inch	ℓ inch	ℓ mm	L (mm)	g	
79900-04	BSPT	4	100	245	200	20 / 100
79900-10	BSPT	10	250	420	240	25 / 50
79900-13	BSPT	13	330	475	260	25 / 50
79900-20	BSPT	20	500	650	300	25 / 50
79901-04	NPT	4	100	245	200	20 / 100
79901-10	NPT	10	250	420	240	25 / 50
79901-13	NPT	13	330	475	260	25 / 50
79901-20	NPT	20	500	650	300	25 / 50

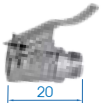


3-In-1 Inflator

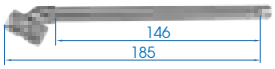
9BM

- Diaphragm pressure gauge
- Accuracy: ANSI B40.100 ±3% ~ ±2% ~ ±3%
- Special rubber housing protects manometer against light impacts
- 3 functions(check, release, inflator) all together on the press handle
- Flexible 400MM high pressure rubber hose with clip-on air tire chuck
- Pressure Range:
  0-160 PSI (9BM21) / 0-220 PSI (9BM22)
- Built in hang-up hook allows easy storage





9BM2-01



9BM2-02

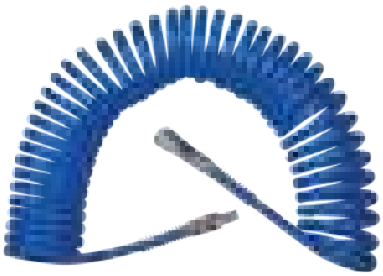
KT NO.	Pressure range (Psi)	Air Inlet (BSPT/NPT)	L (mm) L1	L2	Air hose (ID)	g	
9BM2110	160	1/4" BSPT	Ø13 x 400	180	3/8"	500	1 / 12
9BM2111	160	1/4" NPT	Ø13 x 400	180	3/8"	500	1 / 12
9BM2210	220	1/4" BSPT	Ø13 x 400	180	3/8"	520	1 / 12
9BM2211	220	1/4" NPT	Ø13 x 400	180	3/8"	520	1 / 12
9BM2210A	220	1/4" BSPT	Ø13 x 400	180	3/8"	600	1 / 12
9BM2211A	220	1/4" NPT	Ø13 x 400	180	3/8"	600	1 / 12
9BM2-01	(included in all 9BM series)		20		-	25	-
9BM2-02	(included in 9BM2210A & 11A only)		185		-	105	-

PU Air Spiral Hose

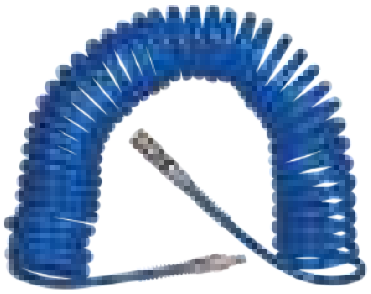
79953 | 79960 | 79962

- Super mechanical strength and excellent abrasive resistance
- Superior heat and cold resistance
- Oil resistance
- Light weight
- Temperature resistance from -20° C ~ +60° C

79953



79960



79962

KT NO.	Hose I.D. (mm)	Hose O.D. (mm)	Hose Length (M)	Working Pressure (PSI)	Working Pressure (bar)	Maximum Pressure (PSI)	Maximum Pressure (bar)	Type	Male PT Fitting (inch)	Weight (kgs)	Weight (lbs)	
79953-10	8	12	10	108	7.4	320	22.2	-	1/4" BSPT	0.80	1.76	1 / 20
79953-15	8	12	15	108	7.4	320	22.2	-	1/4" BSPT	1.30	2.87	1 / 16
79960-10	8	12	10	160	11.0	640	44.1	Asian	-	0.93	2.05	1 / 20
79960-15	8	12	15	160	11.0	640	44.1	Asian	-	1.31	2.87	1 / 16
79960-20	8	12	20	160	11.0	640	44.1	Asian	-	1.66	3.64	1 / 16
79962-10	8	12	10	160	11.0	640	44.1	EU	-	0.92	2.02	1 / 20
79962-15	8	12	15	160	11.0	640	44.1	EU	-	1.31	2.87	1 / 16
79962-20	8	12	20	160	11.0	640	44.1	EU	-	1.72	3.78	1 / 16

Air Hose Reel

7991

- Automatic rewind with SK 5-spring steel spring
- 16 teeth gear-stop ensures safety
- 300 PSI working pressure allowed
- Sturdy structure with 0.7mm thick steel rail stored in iron case
- Replaceable air house design & hanging rack

CAUTION

Do not pull the air hose when seeing STOP tag

• Pull the air hose to the end till it shows joint replacement

• Install new air hose

• Dismantle connection

• 16 teeth gear design can spread stress evenly and stop returning

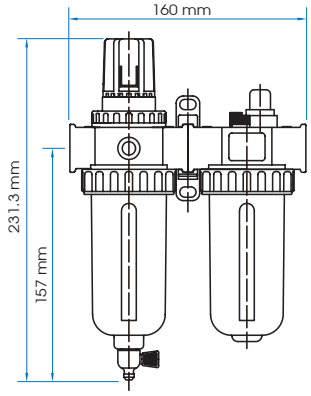
1 Bar = 1.01972 kgf/cm^2
1 Bar = 14.5036 PSI

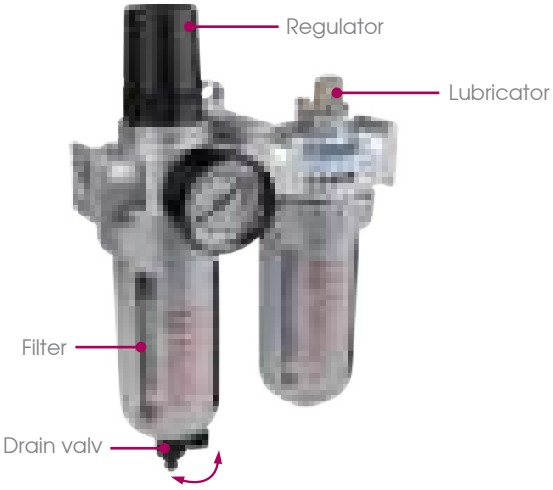
KT NO.	Hose I.D. mm	Hose O.D. mm	Hose length (M)	Type	Air inlet / outlet inch	Working pressure psi	kg	
79910-10	8	12	10	Asian	1/4" BSPT	300	5.2	1 / 2
79910-15	8	12	15	Asian	1/4" BSPT	300	6.5	1 / 2
79911-10	8	12	10	US	1/4" NPT	300	5.2	1 / 2
79911-15	8	12	15	US	1/4" NPT	300	6.5	1 / 2
79912-10	8	12	10	EU	1/4" BSPT	300	5.2	1 / 2
79912-15	8	12	15	EU	1/4" BSPT	300	6.5	1 / 2

Air Lubricator

799A

- Semi auto drain valve
- Steel guards offer better protection
- Easy installation and disassembly





KT NO.	Port Size (inch)	Filter Element (μ)	Max Input Pressure (PSI)	Max Output Pressure (PSI)	Max Flow (L/min)	Operation Temperature Range (°C)	Drain Capacity (ml)	Oil Capactity (ml)	Air Inlet (inch)	Weight (Kgs)	(lbs)	
799A0-23C	1/4"	5	215	7~150	1750	5 ~ 60	80	150	1/4" BSPT	1.00	2.20	1 / 12
799A1-23C	1/4"	5	215	7~150	1750	5 ~ 60	80	150	1/4" NPT	1.00	2.20	1 / 12
799A0-33C	3/8"	5	215	7~150	2500	5 ~ 60	80	150	1/4" BSPT	1.00	2.20	1 / 12
799A1-33C	3/8"	5	215	7~150	2500	5 ~ 60	80	150	1/4" NPT	1.00	2.20	1 / 12
new 799A0-43C	1/2"	5	215	7~150	3000	5 ~ 60	80	150	1/4" BSPT	1.00	2.20	1 / 12
new 799A1-43C	1/2"	5	215	7~150	3000	5 ~ 60	80	150	1/4" NPT	1.00	2.20	1 / 12

Impact Wrench Tester

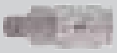
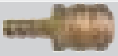
ZV101

- Easy to read LED panel displays reference torque value in lbf-ft, kgf-m, kgf-cm and N-m (selectable)

- **Specifications:** kg 53.7 1

Applicable Range	180 ft-lb~1180 ft-lb(250 Nm~1600 Nm)
Max. Torque	1450 ft-lb(1950 Nm)
Applicable Size	SQ.DR-1/2"~3/4"
Measuring Direction	Forward
Screw Size	M32
Length x Width	35cm x 30cm

Air Quick Coupler

KT NO.	Size	Type		g	
SY-211M	1/4"BSPT	European		21.4	12 / 504
SY-211F				22.8	10 / 420
SY-210M				88.4	20 / 240
SY-221M	1/4"BSPT	Asian		24.4	12 / 504
SY-221F				28.6	10 / 420
SY-260M				81.6	20 / 240
SY-210H	1/4" hose	European		78.0	15 / 180
SY-211H				18.0	10 / 320
SY-220H		Asian		87.0	10 / 320
SY-221H				31.0	10 / 320
SY-231M	1/4"NPT	American		23.6	12 / 504
SY-231F				21.2	10 / 420
SY-230M				85.5	20 / 240
SY-310H	3/8" hose	European		75.0	15 / 180
SY-311H				22.0	10 / 320
SY-320H		Asian		78.0	15 / 180
SY-321H				23.0	10 / 320
SY-410H				82.0	15 / 180
SY-411H	1/2" hose	European		26.0	10 / 320

1/4" Mini Lubricator

33411-71 new

KT NO.	Size	g	
33411-71	1/4"	90	1 / 150

3 PC. Repair Tools

14103GP

Contents	kg 0.58	1 / 20
33011		
33012		
33013		

Impact Wrench Holder

9145

- Applied for 1/4" DR. & 3/4" DR. air tools

KT NO.	Size	Type		
91451-01A	1/4" x 19 BSPT	European	268.8	1 / 48
91451-01B	1/4" x 18 NPT	American	271.2	1 / 48
91451-01F	1/4" x 19 BSPT	Asian	272.8	1 / 48

87106

- Applied for 1/2" DR. & 3/4" DR. impact wrench
- Steel plate with chrome plated, air hose adapter attached

1.23 1 / 6

9TE31

- Moveable magnetic tool holder with muti-purpose
- Designed for motor repair tools, keeps your work area clean and organized
- 4 PC. super magnets 1,500 gauss with non-sliding rubber can hold up to 7 kgs
- Suitable for air impact wrench, long sockets, impact sockets and torque wrench
- The angle of torque wrench holder can be adjusted

KT NO.	L (inch)	L (mm)	Capacity (kg)	Capacity (lbs)		
9TE31	14-3/16	360	7	15.4	1.3	1 / 10

PU Working Gloves

9TH31-XL

9TH31-2L

- Strap design for easy adjustments
- Comfortable and breathable fabric material

KT NO.	Size	Width mm	Overall Length mm		
9TH31-XL	XL	107	235	70	100
9TH31-2L	2L	112	240	70	100

Anti-vibration Protective Gloves

9TH21XL

- Protection from repetitive impact and vibration of pneumatic tools
- Magnet in back of glove for storing metal parts and fasteners

KT NO.	Size	Width mm	Overall Length mm		
9TH21XL	XL	112	235	110	100

TORQUE CONTROL & MULTIPLIERS

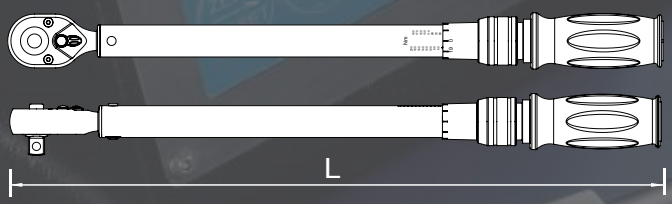
- Torque Wrench
- Interchangeable Torque Wrench & Accessory
- Electronic Torque Adapter
- Torque Screwdriver
- Torque Angle Guage & Multiplier
- Torque Tester

Calibration Instruction And Reminder of Torque Wrench

In test conditions, the torque wrench should remain within the tolerances laid down by DIN ISO 6789:2017 & ASME B107.300-2010 for 5000 cycles.
Practically, this may be affected and changed by ingress of dust, causing wear, or by damage caused by using the tool improperly such as to loosen fasteners or being dropped regularly.

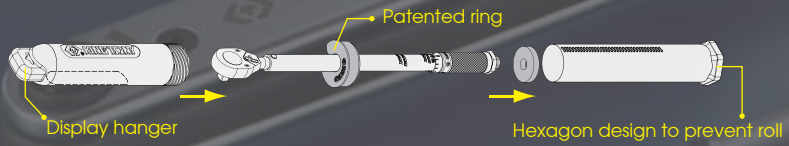
Assuming the users are trained to use the torque wrenches, and follow the provided comments of instruction, a period of twelve months is reasonable for torque wrenches used in non safety critical areas.
For those tools used in critical applications, a three month or even monthly check would be suggested.

Calibration Certificate



1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

Recyclable cylindrical package



KING TONY

Master Torque Control

62 SERIES

Quick:

- Quick release and fine tooth gears design increases efficiency for safety tightening

Sound:

- Click sound and vibration reminds operator to stop in correct torque

Lubricant:

- Apply top industrial level lubricant to reduce friction and keep performance in good condition much longer

Spring:

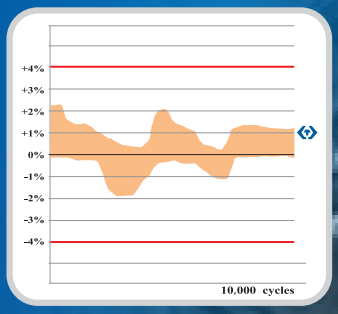
- Made of high quality alloy steel to offer extrnded working cycles

Frame:

- Hardened tube provides extreme durability against friction to assure precision of tolerance

Easy:

- Auto lock design of torque adjustment provides quick and comfortable working experience



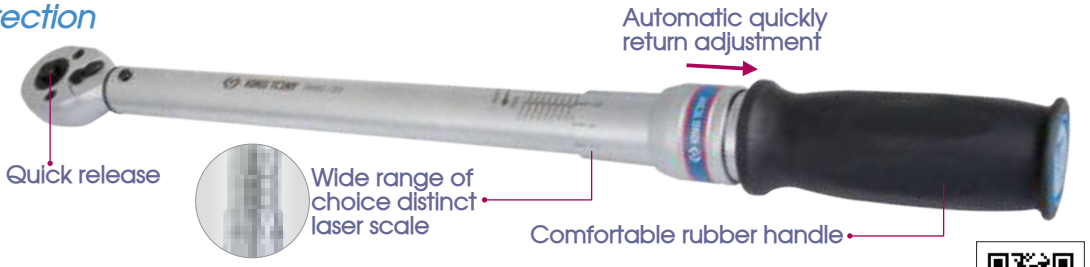
- **±3% tolerance of torque and 10,000 cycles durability performs better than international standard "DIN ISO 6789:2017 & ASME B107.300-2010" with ±4% tolerance and 5,000 cycles requirement.**

Heavy Duty Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

3/4" & 1" No Push



Video QR Code

Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm)

KT NO.	Gear teeth	Square drive	Torque range in. lb. / ft. lb.	Incr.	Torque range Nm	Incr.	Overall length mm	g	
34262-1CG	24	1/4"	40~200 in.lb.	1 in.lb.	5.1~22.0 Nm	0.12 Nm	324	640	1 / 12
34362-1CG	24	3/8"	40~200 in.lb.	1 in.lb.	5.1~22.0 Nm	0.12 Nm	324	640	1 / 12
34362-2CG	32	3/8"	15~80 ft.lb.	0.5 ft.lb.	23.7~105.1 Nm	0.7 Nm	435	1300	1 / 12
34462-1CG	32	1/2"	20~150 ft.lb.	1 ft.lb.	34~197 Nm	1.4 Nm	521	1590	1 / 12
34462-2CG	32	1/2"	50~250 ft.lb.	1 ft.lb.	75~332 Nm	1.4 Nm	613	1810	1 / 12
34662-1CG	24	3/4"	100~450 ft.lb.	5 ft.lb.	169~576 Nm	6.8 Nm	1048	5500	1 / 2
34662-2CG	24	3/4"	100~600 ft.lb.	5 ft.lb.	169~779 Nm	6.8 Nm	1234	5600	1 / 2
34662-3CG	24	3/4"	150~750 ft.lb.	5 ft.lb.	237~983 Nm	6.8 Nm	1238	6150	1 / 2
34862-1CG	24	1"	150~750 ft.lb.	5 ft.lb.	237~983 Nm	6.8 Nm	1238	6150	1 / 2

Single scale - Newton Meter (Nm)

KT NO.	Gear teeth	Square drive	Torque range Nm	Incr.	Overall length mm	g	
34262-1DG	24	1/4"	4~20 Nm	0.1 Nm	324	640	1 / 12
34262-2DG	24	1/4"	2~10 Nm	0.1 Nm	281	560	1 / 12
34262-3DG	24	1/4"	5~30 Nm	0.5 Nm	325	640	1 / 12
34362-1DG	24	3/8"	4~20 Nm	0.1 Nm	324	640	1 / 12
34362-2DG	32	3/8"	20~100 Nm	0.5 Nm	435	1300	1 / 12
34362-3DG	32	3/8"	10~60 Nm	0.5 Nm	325	1300	1 / 12
34462-1DG	32	1/2"	40~200 Nm	1 Nm	521	1590	1 / 12
34462-2DG	32	1/2"	60~340 Nm	2 Nm	613	1810	1 / 12
34462-3DG	32	1/2"	20~100 Nm	1 Nm	436	1300	1 / 12
34462-4DG	32	1/2"	80~400 Nm	2 Nm	613	1970	1 / 12
34662-1DG	24	3/4"	100~600 Nm	5 Nm	1048	5500	1 / 2
34662-2DG	24	3/4"	150~800 Nm	5 Nm	1234	5600	1 / 2
34662-3DG	24	3/4"	200~1000 Nm	5 Nm	1238	6150	1 / 2
34862-1DG	24	1"	200~1000 Nm	5 Nm	1238	6150	1 / 2

CAUTION
1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

- 34262-1DK
- 34362-1DK
- 34362-2DK: 34362-2xx / 3xx
- 34462-1DK
- 34462-3DK: 34462-3DG / 3GG
- 34662-1DK
- 34662-3DK1: 34662-3xxx series No. after 0805xxxx
- 34862-1DK: series No. before 0805xxxx
- 34862-2DK: series No. after 0805xxxx

Single scale - English (in.lb./ft.lb.)

KT NO.	Gear teeth	Square drive	Torque range in.lb. / ft.lb.	Incr.	Overall length mm	g	
34262-1EG	24	1/4"	40~200 in.lb.	1 in.lb.	324	640	1 / 12
34362-1EG	24	3/8"	40~200 in.lb.	1 in.lb.	324	640	1 / 12
34362-2EG	32	3/8"	15~80 ft.lb.	0.5 ft.lb.	435	1300	1 / 12
34462-1EG	32	1/2"	20~150 ft.lb.	1 ft.lb.	521	1590	1 / 12
34462-2EG	32	1/2"	50~250 ft.lb.	1 ft.lb.	613	1810	1 / 12
34662-1EG	24	3/4"	100~450 ft.lb.	5 ft.lb.	1048	5500	1 / 2
34662-2EG	24	3/4"	100~600 ft.lb.	5 ft.lb.	1234	5600	1 / 2
34662-3EG	24	3/4"	150~750 ft.lb.	5 ft.lb.	1238	6150	1 / 2
34662-4EG	24	3/4"	60~300 ft.lb.	2 ft.lb.	614	1800	1 / 12
34862-1EG	24	1"	150~750 ft.lb.	5 ft.lb.	1238	6150	1 / 2

Dual Scale - Newton Meter & English (Nm & ft.lb.)

KT NO.	Gear teeth	Square drive	Torque range Nm	Incr.	Torque range ft. lb.	Incr.	Overall length mm	g	
34462-1FG	32	1 / 2"	40~200 Nm	1 Nm	33.2~143.8 ft.lb.	0.8 ft.lb.	521	1590	1 / 12
34462-2FG	32	1 / 2"	60~340 Nm	2 Nm	51.6~243.4 ft.lb.	1.5 ft.lb.	613	1720	1 / 12
34862-1FG	24	1"	200~1000 Nm	5 Nm	166~719 ft.lb.	5 ft.lb.	1238	6150	1 / 2

Dual Scale - Kilogram-force Centimeter & Newton Meter (kgf.cm & Nm)

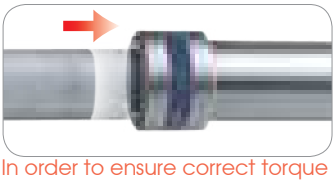
KT NO.	Gear teeth	Square drive	Torque range kgf.cm / kgf.m	Incr.	Torque range Nm	Incr.	Overall length mm	g	
34262-1GG	24	1/4"	40~200 Kgf.cm	1 Kgf.cm	4.4~19.1 Nm	0.92 Nm	324	640	1 / 12
34362-1GG	24	3/8"	40~200 Kgf.cm	1 Kgf.cm	4.4~19.1 Nm	0.92 Nm	324	640	1 / 12
34362-2GG	32	3/8"	200~1000 Kgf.cm	5 Kgf.cm	22.1~95.6 Nm	0.46 Nm	435	1300	1 / 12
34462-1GG	32	1/2"	400~2000 Kgf.cm	10 Kgf.cm	44.1~191.2 Nm	0.46 Nm	521	1590	1 / 12
34462-2GG	32	1/2"	6~34 Kgf.m	0.2 Kgf.m	68.6~323.6 Nm	1.82 Nm	613	1810	1 / 12
34462-3GG	32	1/2"	200~1000 Kgf.cm	0.5 Kgf.m	22.1~95.6 Nm	4.9 Nm	436	1470	1 / 12
34662-1GG	24	3/4"	10~60 Kgf.m	0.5 Kgf.m	123~564 Nm	4.9 Nm	1048	5500	1 / 2
34662-2GG	24	3/4"	15~80 Kgf.m	0.5 Kgf.m	172~760 Nm	4.9 Nm	1234	5600	1 / 2
34662-3GG	24	3/4"	20~100 Kgf.m	0.5 Kgf.m	221~956 Nm	4.9 Nm	1238	6150	1 / 2
34862-1GG	24	1"	20~100 Kgf.m	0.5 Kgf.m	221~956 Nm	4.9 Nm	1238	6150	1 / 2

Heavy Duty Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

34862-2CF, 34862-2DF
34862-2EF, 34862-2FF



In order to ensure correct torque the extension bar must be used

34862-2CG, 34862-2DG
34862-2EG, 34862-2FG
34862-2GG

Dual Scale - English & Newton Meter (ft.lb. & Nm)

KT NO.	Square drive	Torque Rrange ft. lb.	Incr.	Torque range Nm	Incr.	Overall length mm	g	
34862-2CG	1"	200~1000 ft.lb.	5 ft.lb.	305~1322 Nm	6.8 Nm	1850	12200	1 / 2
34862-2CF	1"	200~1000 ft.lb.	5 ft.lb.	305~1322 Nm	6.8 Nm	1850	12200	1 / 2

Single scale - Newton Meter (Nm)

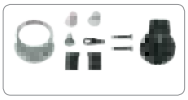
KT NO.	Square drive	Torque range Nm	Incr.	Overall length mm	g	
34862-2DF	1"	300~1500 Nm	10 Nm	1850	12200	1 / 2
34862-2DG	1"	300~1500 Nm	10 Nm	1850	12200	1 / 2

Single scale - English (ft.lb.)

KT NO.	Square drive	Torque range ft. lb.	Incr.	Overall length mm	g	
34862-2EG	1"	200~1000 ft.lb.	5 ft.lb.	1850	12200	1 / 2
34862-2EF	1"	200~1000 ft.lb.	5 ft.lb.	1850	12200	1 / 2

CAUTION

1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.



- 34862-1DK-series No. before 0805xxx
- 34862-2DK-series No. after 0805xxx

Dual Scale - Newton Meter & English (Nm & ft.lb.)

KT NO.	Square drive	Torque range Nm	Incr.	Torque range ft. lb.	Incr.	Overall length mm	g	
34862-2FF	1"	300~1500 Nm	10 Nm	258~1070 ft.lb.	7.4 ft. lb.	1850	12200	1 / 2
34862-2FG	1"	300~1500 Nm	10 Nm	258~1070 ft.lb.	7.4 ft. lb.	1850	12200	1 / 2

Dual Scale - Kilogram-force Centimeter & Newton Meter (kgf.cm & Nm)

KT NO.	Square drive	Torque range kgf.cm / kgf.m	Incr.	Torque range Nm	Incr.	Overall length mm	g	
34862-2GG	1"	30~150 Kgf.m	1 Kgf.m	343~1422 Nm	5 Nm	1850	12200	1 / 2

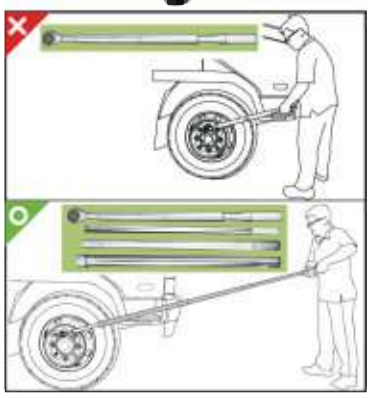
Heavy Duty Adjustable Torque Wrench

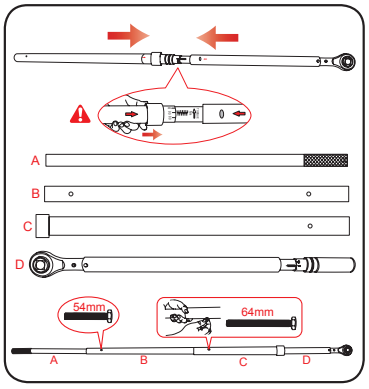
Design for easy torque adjustment
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

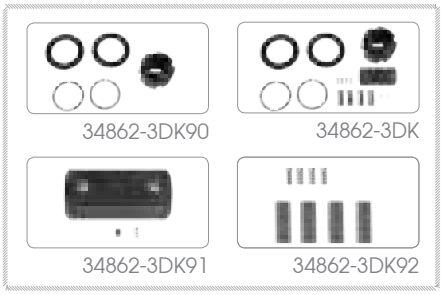
1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

Push through mechanism for easy repair

Wide range of choice
Distinct laser scale







CAUTION

1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm)

KT NO.	Square drive	Torque range ft.lb.	Incr.	Torque range Nm	Incr.	Overall length mm		
34862-3CF	1"	400~2000 ft.lb.	10 ft.lb.	610~2644 Nm	13.55 Nm	2755	23990	1 / 1

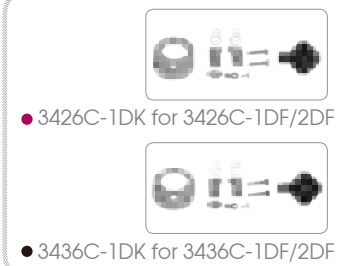
KT NO.	Square drive	Torque range Nm	Incr.	Torque range ft.lb.	Incr.	Overall length mm		
34862-3FF	1"	500~2500 Nm	14.77 ft.lb.	443~1771 ft.lb.	20 Nm	2755	25380	1 / 1

Heavy Duty Mini-type Torque Wrench

Industrial application
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010 Tolerance of torque ±3%(CW)
CW/CCW Direction

Quick release

• Automatic quickly return adjustment



● 3426C-1DK for 3426C-1DF/2DF

● 3436C-1DK for 3436C-1DF/2DF

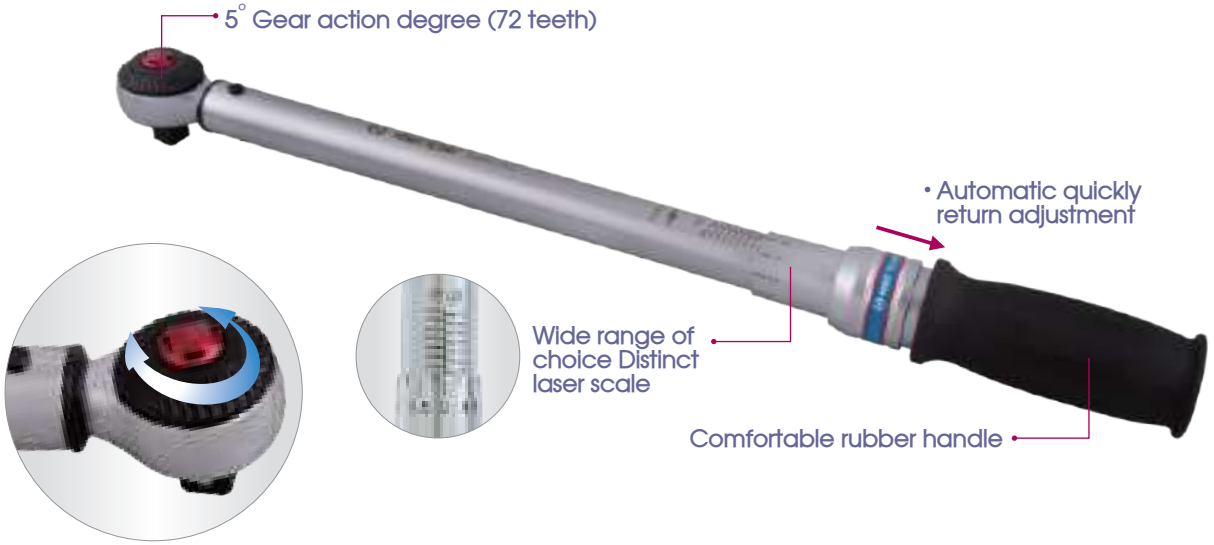
Single scale - Newton Meter (Nm)

KT NO.	Square drive	Torque range Nm	Incr.	Overall length mm		
● 3426C-1DF	1/4"	3~15 Nm	0.1 Nm	211	330	24
● 3426C-2DF	1/4"	5~25 Nm	0.2 Nm	249	430	24
● 3436C-1DF	3/8"	3~15 Nm	0.1 Nm	211	450	24
● 3436C-2DF	3/8"	5~25 Nm	0.2 Nm	249	550	24

Heavy Duty 72 Teeth Adjustable Torque Wrench

Colorful quick release button design
Fixed head version allows using in narrow spaces
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Single scale - Newton Meter (Nm)

	KT NO.	Square drive	Torque range Nm	Incr.	Overall length mm		
●	3426A-1DG	1/4"	2~10 Nm	0.1 Nm	285	560	1 / 24
●	3426A-2DG	1/4"	4~20 Nm	0.1 Nm	325	640	1 / 24
●	3436A-2DG	3/8"	20~100 Nm	0.5 Nm	430	1300	1 / 12
●	3446A-1DG	1/2"	40~200 Nm	1 Nm	490	1460	1 / 12
●	3446A-2DG	1/2"	60~340 Nm	2 Nm	590	1750	1 / 12

Single scale - English (in.lb./ft.lb.)

	KT NO.	Square drive	Torque range in. lb. / ft. lb.	Incr.	Overall length mm		
●	3426A-1EG	1/4"	20~100 in.lb.	1 in.lb.	285	560	1 / 24
●	3426A-2EG	1/4"	40~200 in.lb.	1 in.lb.	325	640	1 / 24
●	3436A-2EG	3/8"	15~80 ft.lb.	0.5 ft.lb.	430	1300	1 / 12
●	3446A-1EG	1/2"	20~150 ft.lb.	1 ft.lb.	490	1460	1 / 12
●	3446A-2EG	1/2"	50~250 ft.lb.	1 ft.lb.	590	1750	1 / 12

●3426A-1DK
●3436A-2DK
●3446A-1DK
series No. before 17086A

●3426A-1DK01
●3436A-2DK01
●3446A-1DK01
series No. after 17086A

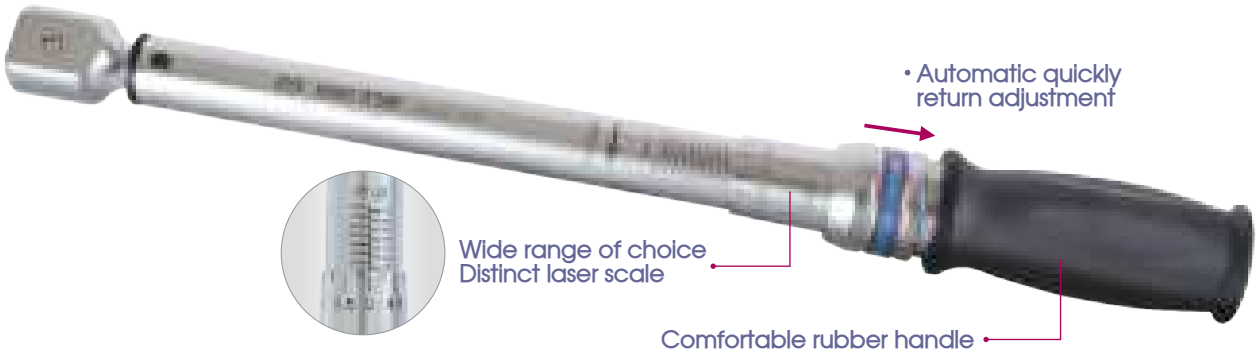
CAUTION

1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

Heavy Duty Interchangeable Torque Wrench

Using standard insert head
Positive button design which removes the insert head easily
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Dual Scale - English & Newton Meter (ft.lb. & Nm)

KT NO.	Size mm	Torque range ft. lb.	Incr.	Torque range Nm	Incr.	Overall length mm	g	
34512-1CG	9 x 12	20~100 in.lb.	1 in.lb	2.8~10.7 Nm	0.12 Nm	261	510	1 / 12
34512-2CG	9 x 12	40~200 in.lb.	1 in.lb	5.1~22.0 Nm	0.12 Nm	306	590	1 / 12
34512-3CG	9 x 12	15~80 ft.lb.	0.5 ft.lb	23.7~105.1 Nm	0.7 Nm	430	1270	1 / 12
34522-1CG	14 x 18	15~80 ft.lb.	0.5 ft.lb	23.7~105.1 Nm	0.7 Nm	430	1270	1 / 12
34522-2CG	14 x 18	20~150 ft.lb.	1 ft.lb	34~197 Nm	1.4 Nm	485	1410	1 / 12
34522-3CG	14 x 18	50~250 ft.lb.	1 ft.lb	75~332 Nm	1.4 Nm	580	1590	1 / 12

Single scale - Newton Meter (Nm)

KT NO.	Size mm	Torque range Nm	Incr.	Overall length mm	g	
34512-1DG	9 x 12	2~10 Nm	0.1 Nm	261	510	1 / 12
34512-2DG	9 x 12	4~20 Nm	0.1 Nm	306	590	1 / 12
34512-4DG	9 x 12	10~60 Nm	0.5 Nm	306	590	1 / 12
34512-3DG	9 x 12	20~100 Nm	0.5 Nm	430	1270	1 / 12
34522-1DG	14 x 18	20~100 Nm	0.5 Nm	430	1270	1 / 12
34522-2DG	14 x 18	40~200 Nm	1 Nm	485	1410	1 / 12
34522-3DG	14 x 18	60~340 Nm	2 Nm	580	1590	1 / 12
34522-4DG	14 x 18	100~600 Nm	5 Nm	1015	6200	1 / 2
34522-5DG	14 x 18	10~60 Nm	0.5 Nm	360	1270	1 / 12
34522-6DG	14 x 18	150~800 Nm	5 Nm	1195	6620	1 / 2
34522-7DG	14 x 18	70~350 Nm	2 Nm	580	1800	1 / 12
34522-8DG	14 x 18	200~1000 Nm	5 Nm	1200	6620	1 / 2
34522-9DG	14 x 18	80~400 Nm	2 Nm	580	1780	1 / 12

Single scale - English (in.lb./ft.lb.)

KT NO.	Size mm	Torque range in. lb. / ft. lb.	Incr.	Overall length mm	g	
34512-1EG	9 x 12	20~100 in.lb.	1 in.lb	261	510	1 / 12
34512-2EG	9 x 12	40~200 in.lb.	1 in.lb	306	590	1 / 12
34512-3EG	9 x 12	15~80 ft.lb.	0.5 ft.lb	430	1270	1 / 12
34522-1EG	14 x 18	15~80 ft.lb.	0.5 ft.lb	430	1270	1 / 12
34522-2EG	14 x 18	20~150 ft.lb.	1 ft.lb	485	1410	1 / 12
34522-3EG	14 x 18	50~250 ft.lb.	1 ft.lb	580	1590	1 / 12

Dual Scale - Newton Meter & English (Nm & ft.lb.)

KT NO.	Size mm	Torque range Nm	Incr.	Torque range ft. lb.	Incr.	Overall length mm	g	
34512-1FG	9 x 12	2~10 Nm	0.1 Nm	22.1~84.1 in.lb.	0.9 in.lb	261	510	1 / 12
34512-2FG	9 x 12	4~20 Nm	0.1 Nm	39.8~172.6 in.lb.	0.9 in.lb	306	590	1 / 12
34512-3FG	9 x 12	20~100 Nm	0.5 Nm	16.6~71.9 ft.lb.	0.4 ft.lb	430	1270	1 / 12
34522-1FG	14 x 18	20~100 Nm	0.5 Nm	16.6~71.9 ft.lb.	0.4 ft.lb	430	1270	1 / 12
34522-2FG	14 x 18	40~200 Nm	1 Nm	33.2~143.8 ft.lb.	0.8 ft.lb	485	1410	1 / 12
34522-3FG	14 x 18	60~340 Nm	2 Nm	51.6~243.4 ft.lb.	1.5 ft.lb	580	1590	1 / 12

CAUTION

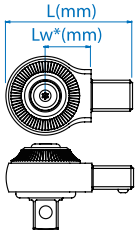
1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

Insert Tool

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

345031 • Chrome plated

- Ratchet insert tool
- 5° gear action degree (72 teeth)

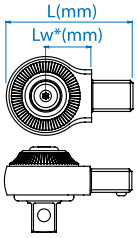


●3426A-1DK
●3436A-2DK
●3446A-1DK
series No. before 17086A

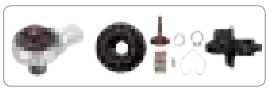
●3426A-1DK01
●3436A-2DK01
●3446A-1DK01
series No. after 17086A

KT NO.	Size	mm	Lw* mm	L mm		
34503102R	1/4"DR	9 x 12	17	46	71	12 / 192
34503103R	3/8"DR	9 x 12	17.6	48.8	106	10 / 160
34503104R	1/2"DR	9 x 12	25	60	234	6 / 96

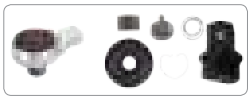
345032 • Chrome plated



●3436A-2DK
●3446A-1DK
series No. before 17086A



●3436A-2DK01
●3446A-1DK01
series No. before 17086A
●3466A-1DK01
series No. before 17086A



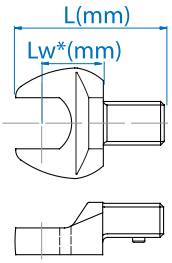
●3466A-1DK
series No. before 17086A

KT NO.	Size	mm	Lw* mm	L mm		
34503203R	3/8"DR	14 x 18	27	70	218	6 / 96
34503204R	1/2"DR	14 x 18	27	70	256	6 / 96
34503206R	3/4"DR	14 x 18	27	71.5	348	4 / 64

345011 • Chrome plated

- Open end insert Tool

KT NO.	Size mm	mm	Lw* mm	L mm		
34501107M	7	9 x 12	17.5	37.4	36	12 / 192
34501108M	8	9 x 12	17.5	37.9	37	12 / 192
34501109M	9	9 x 12	17.5	37.9	37	12 / 192
34501110M	10	9 x 12	17.5	38.2	41	12 / 192
34501111M	11	9 x 12	17.5	39.0	39	12 / 192
34501112M	12	9 x 12	17.5	39.0	40	12 / 192
34501113M	13	9 x 12	17.5	39.3	45	12 / 192
34501114M	14	9 x 12	20	43.1	54	12 / 192
34501115M	15	9 x 12	20	43.4	55	12 / 192
34501116M	16	9 x 12	20	43.9	57	12 / 192
34501117M	17	9 x 12	20	44.4	58	12 / 192
34501118M	18	9 x 12	20	45.3	59	12 / 192
34501119M	19	9 x 12	20	45.0	64	12 / 192
34501121M	21	9 x 12	25	52.4	120	10 / 160
34501122M	22	9 x 12	25	53.1	124	10 / 160
34501124M	24	9 x 12	25	54.1	128	8 / 128
34501127M	27	9 x 12	32.5	60.1	189	8 / 128
34501130M	30	9 x 12	32.5	60.9	195	10 / 80
34501132M	32	9 x 12	32.5	62.6	213	10 / 80
34501136M	36	9 x 12	32.5	64.8	213	10 / 80



KT NO.	Size inch	mm	Lw* mm	L mm		
34501108S	1/4	9 x 12	17	37	36	12 / 192
34501110S	5/16	9 x 12	17	37	38	12 / 192
34501112S	3/8	9 x 12	17	38	39	12 / 192
34501114S	7/16	9 x 12	17	39	41	12 / 192
34501116S	1/2	9 x 12	17	39	43	12 / 192
34501118S	9/16	9 x 12	20	43	53	12 / 192
34501120S	5/8	9 x 12	20	43	57	12 / 192
34501122S	11/16	9 x 12	20	44	62	12 / 192
34501124S	3/4	9 x 12	20	45	65	12 / 192

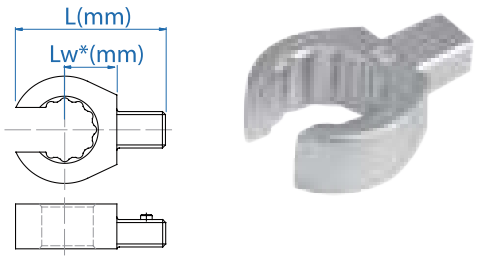
Insert Tool

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

345014

• Chrome plated

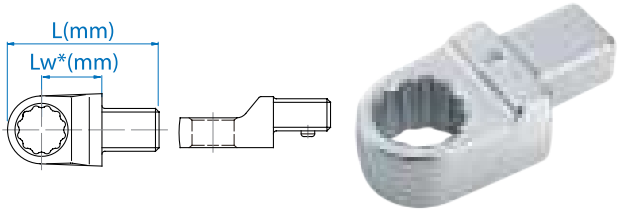
KT NO.	Size mm	mm	Lw* mm	L mm	g	
34501410M	10	9 x 12	17.5	42.4	51.6	12 / 192
34501411M	11	9 x 12	17.5	43.0	53.0	12 / 192
34501412M	12	9 x 12	17.5	43.8	55.0	12 / 192
34501413M	13	9 x 12	17.5	43.9	53.8	12 / 192
34501414M	14	9 x 12	17.5	44.3	57.6	12 / 192
34501416M	16	9 x 12	17.5	45.0	58.6	12 / 192
34501417M	17	9 x 12	17.5	45.4	65.0	12 / 192
34501418M	18	9 x 12	17.5	46.0	66.2	12 / 192
34501419M	19	9 x 12	17.5	46.7	73.0	12 / 192
34501421M	21	9 x 12	17.5	47.6	72.2	12 / 192
34501422M	22	9 x 12	17.5	48.5	74.2	12 / 192



345021

• Chrome plated

▪ Ring insert tool

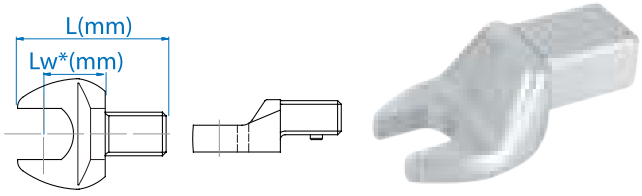


KT NO.	Size mm	mm	Lw* mm	L mm	g	
34502107M	7	9 x 12	17.5	39	37	12 / 288
34502108M	8	9 x 12	17.5	40	36	12 / 288
34502110M	10	9 x 12	17.5	41	39	12 / 288
34502111M	11	9 x 12	17.5	43	42	12 / 288
34502112M	12	9 x 12	17.5	43	51	12 / 288
34502113M	13	9 x 12	17.5	44	51	12 / 288
34502114M	14	9 x 12	17.5	45	52	12 / 288
34502115M	15	9 x 12	17.5	45	53	12 / 288
34502116M	16	9 x 12	17.5	46	56	12 / 288
34502117M	17	9 x 12	17.5	47	55	12 / 192
34502118M	18	9 x 12	17.5	47	60	12 / 192
34502119M	19	9 x 12	17.5	49	63	12 / 192
34502121M	21	9 x 12	17.5	50	68	12 / 192
34502122M	22	9 x 12	17.5	51	70	12 / 192

KT NO.	Size inch	mm	Lw* mm	L mm	g	
34502108S	1/4	9 x 12	17.5	39	38	12 / 288
34502110S	5/16	9 x 12	17.5	40	37	12 / 288
34502112S	3/8	9 x 12	17.5	41	42	12 / 288
34502114S	7/16	9 x 12	17.5	43	41	12 / 288
34502116S	1/2	9 x 12	17.5	43	52	12 / 288
34502118S	9/16	9 x 12	17.5	45	53	12 / 288
34502120S	5/8	9 x 12	17.5	46	58	12 / 288
34502122S	11/16	9 x 12	17.5	47	62	12 / 192
34502124S	3/4	9 x 12	17.5	49	62	12 / 192
34502126S	13/16	9 x 12	17.5	50	72	12 / 192
34502128S	7/8	9 x 12	17.5	51	69	12 / 192

345012

• Chrome plated



KT NO.	Size mm	mm	Lw* mm	L mm	g	
34501213M	13	14 x 18	25	58	117	12 / 192
34501214M	14	14 x 18	25	58	120	12 / 192
34501215M	15	14 x 18	25	58	116	12 / 192
34501216M	16	14 x 18	25	59	127	10 / 160
34501217M	17	14 x 18	25	60	138	10 / 160
34501218M	18	14 x 18	25	60	136	10 / 160
34501219M	19	14 x 18	25	61	140	10 / 160
34501221M	21	14 x 18	25	61	160	6 / 96
34501222M	22	14 x 18	25	62	162	6 / 96
34501223M	23	14 x 18	25	62	163	6 / 96
34501224M	24	14 x 18	25	63	168	6 / 96
34501225M	25	14 x 18	25	69	180	6 / 96
34501226M	26	14 x 18	30	69	210	6 / 96
34501227M	27	14 x 18	32.5	69	239	6 / 96
34501230M	30	14 x 18	32.5	70	249	6 / 96
34501232M	32	14 x 18	32.5	73	248	6 / 72
34501234M	34	14 x 18	32.5	74	252	6 / 72
34501236M	36	14 x 18	32.5	75	244	6 / 72
34501238M	38	14 x 18	32.5	74	229	6 / 72
34501240M	40	14 x 18	37	80	280	6 / 72
34501241M	41	14 x 18	40	80	315	6 / 72

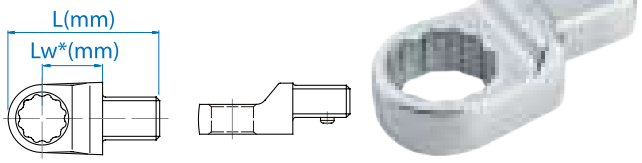
KT NO.	Size inch	mm	Lw* mm	L mm	g	
34501216S	1/2	14 x 18	25	58	117	12 / 192
34501218S	9/16	14 x 18	25	58	120	12 / 192
34501220S	5/8	14 x 18	25	59	127	10 / 160
34501222S	11/16	14 x 18	25	60	138	10 / 160
34501224S	3/4	14 x 18	25	61	140	10 / 160
34501226S	13/16	14 x 18	25	61	160	6 / 96
34501228S	7/8	14 x 18	25	62	162	6 / 96
34501230S	15/16	14 x 18	25	63	168	6 / 96
34501232S	1	14 x 18	25	69	180	6 / 96
34501236S	1-1/8	14 x 18	32.5	70	249	6 / 96
34501240S	1-1/4	14 x 18	32.5	73	248	6 / 96
34501248S	1-1/2	14 x 18	32.5	74	229	6 / 96

Insert Tool

345022

• Chrome plated

KT NO.	Size mm	mm	Lw* mm	L mm	g	
34502213M	13	14 x 18	25	62	129	12 / 192
34502214M	14	14 x 18	25	63	132	12 / 192
34502215M	15	14 x 18	25	63	132	12 / 192
34502216M	16	14 x 18	25	63	137	12 / 192
34502217M	17	14 x 18	25	65	141	12 / 192
34502218M	18	14 x 18	25	65	138	10 / 160
34502219M	19	14 x 18	25	66	144	10 / 160
34502221M	21	14 x 18	25	67	151	10 / 160
34502222M	22	14 x 18	25	68	156	6 / 96
34502224M	24	14 x 18	25	69	161	6 / 96
34502227M	27	14 x 18	32.5	78	204	6 / 96
34502230M	30	14 x 18	32.5	79	204	6 / 96
34502232M	32	14 x 18	32.5	81	213	6 / 96
34502234M	34	14 x 18	32.5	82	225	6 / 90
34502236M	36	14 x 18	32.5	83	230	6 / 90
34502241M	41	14 x 18	40	86	235	6 / 90



KT NO.	Size inch	mm	Lw* mm	L mm	g	
345022216S	1/2	14 x 18	25	62	129	12 / 192
345022218S	9/16	14 x 18	25	63	132	12 / 192
345022220S	5/8	14 x 18	25	63	137	12 / 192
345022224S	3/4	14 x 18	25	66	144	10 / 160

Interchangeable Torque Wrench Set

34510

34520

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

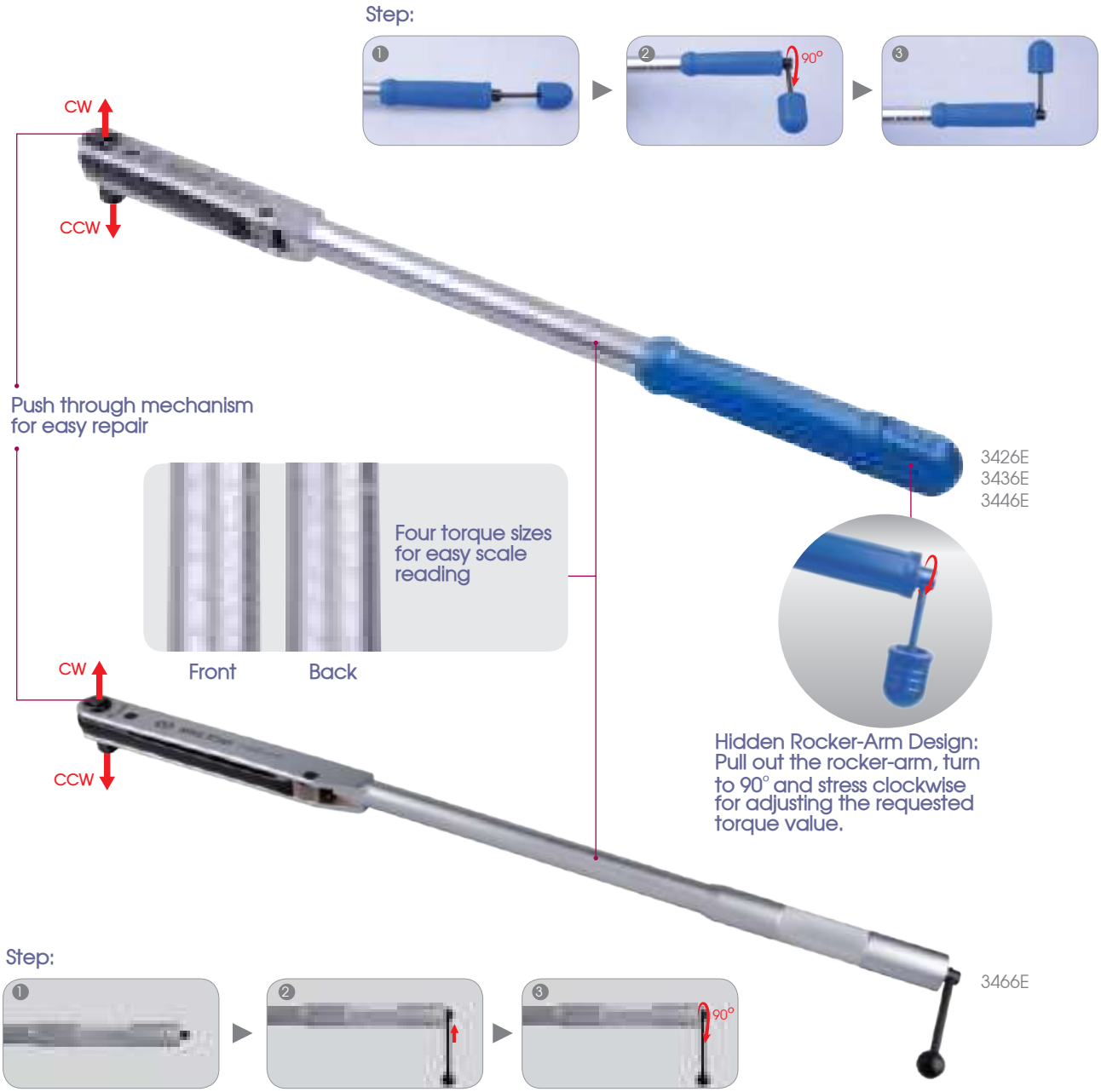
KT NO.	mm	Contents							Kg	
345102D08MR	9 x 12	34512-2DG	4~20 Nm		34503102R	1/4" DR	345011M	345021M	1.3	1 / 15
345104D08MR		34512-4DG	10~60 Nm		34503103R	3/8" DR			1.3	1 / 15
345101E08MR		34512-1EG	20~100 in.lb.		34503102R	1/4" DR			1.2	1 / 15
345102E08MR		34512-2EG	30~200 in.lb.		34503102R	1/4" DR	10, 13, 17	10, 13, 17	1.3	1 / 15

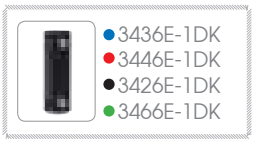
KT NO.	mm	Contents						Kg	
345201D11MR	14 x 18	34522-1DG	20~100 Nm		34503203R	3/8" DR	345012M	3.7	1 / 6
345202D11MR		34522-2DG	40~200 Nm		34503204R	1/2" DR		3.8	1 / 6
345203D11MR		34522-3DG	60~340 Nm		34503204R	1/2" DR		4	1 / 6
345201E11MR		34522-1EG	10~80 ft.lb.		34503203R	3/8" DR		3.7	1 / 6
345202E11MR		34522-2EG	20~150 ft.lb.		34503204R	1/2" DR	13, 14, 15, 17, 19, 22, 24, 27, 30	3.8	1 / 6
345203E11MR		34522-3EG	30~250 ft.lb.		34503204R	1/2" DR		4	1 / 6

Classic Type Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010
Tolerance of torque ±4%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



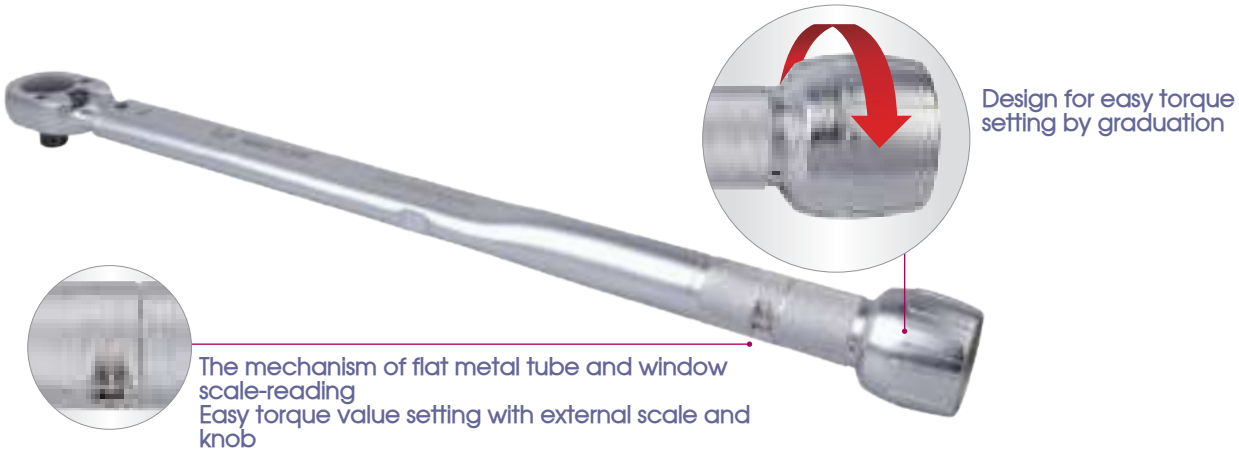


Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range Nm	Incr.	ft. lb.	Incr.	in. lb.	Incr.	gm / kg.m	Incr.	Overall length mm		
● 3426E-1HG	1/4"	2.5~11 Nm	0.5	2~8 ft.lb.	1	20~100 in.lb.	10	300~1200gm	100	352	630	1 / 12
● 3436E-1HG	3/8"	2.5~11 Nm	0.5	2~8 ft.lb.	1	20~100 in.lb.	10	300~1200gm	100	352	740	1 / 12
● 3436E-2HG	3/8"	7~33 Nm	1	5~24 ft.lb.	1	60~300 in.lb.	10	0.7~3.4 kgf.m	0.1	450	870	1 / 12
● 3436E-3HG	3/8"	14~68 Nm	2	10~50 ft.lb.	5	125~600 in.lb.	25	1.4~7 kgf.m	0.2	505	1210	1 / 12
● 3446E-1HG	1/2"	25~135 Nm	5	20~100 ft.lb.	2	200~1200 in.lb.	50	3~14 kgf.m	1	555	1640	1 / 12
● 3446E-2HG	1/2"	50~225 Nm	5	40~160 ft.lb.	5	400~2000 in.lb.	50	5~23 kgf.m	1	590	1710	1 / 12
● 3446E-3HG	1/2"	70~330 Nm	10	50~250 ft.lb.	5	600~3000 in.lb.	100	7~35 kgf.m	1	803	3440	1 / 6
● 3466E-1HG	3/4"	140~560 Nm	10	100~410 ft.lb.	10	1200~5000 in.lb.	100	14~57 kgf.m	1	977	8480	1 / 2
● 3466E-2HG	3/4"	200~800 Nm	20	150~600 ft.lb.	20	1800~7200 in.lb.	200	22~82 kgf.m	2	1033	8860	1 / 2

Click Type Adjustable Torque Wrench

Industrial application with durability
Loud click sound and strong impulse when required torque is reached
Tolerance of torque ±3%
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010
Ideal for using on oil, chemical and noisy assembling working field



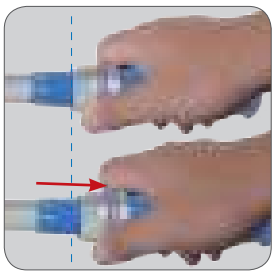
KT NO.	Gear teeth	Square drive	Torque range kgf.cm	Incr.	Overall length mm	g	
3432F-1KF	24	3/8"	50-250 kgf.cm	2.5 kgf.cm	240	450	1 / 24
3432F-3KF	24	3/8"	200-1000 kgf.cm	10 kgf.cm	342	800	1 / 12
3442F-1KF	24	1/2"	200-1000 kgf.cm	10 kgf.cm	342	800	1 / 12
3442F-3KF	24	1/2"	400-2000 kgf.cm	20 kgf.cm	498	1500	1 / 12

Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010
Tolerance of torque ±4%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

- The production of injection molding helps it against come off



- One hand operation
- Quick torque set
- Automatic torque locking

34464-1DK

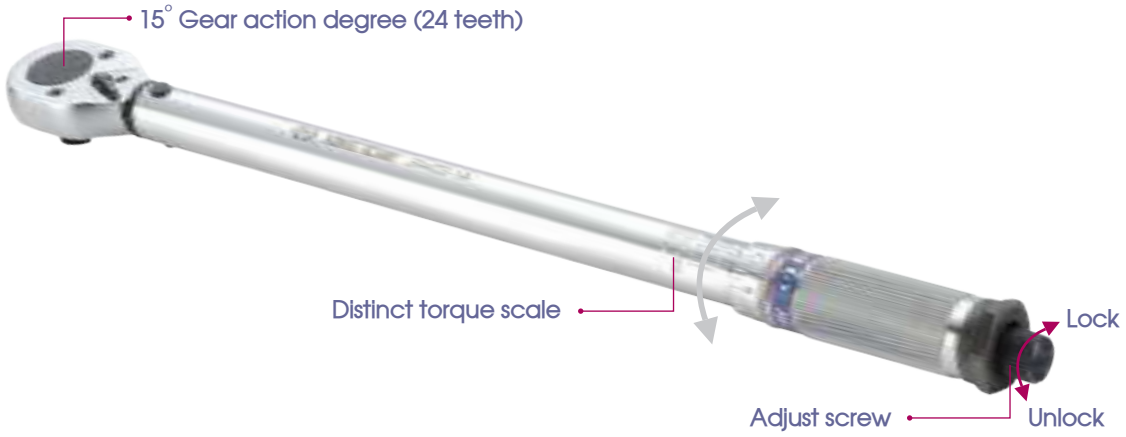
Dual Scale - Newton Meter & English (Nm / ft.lb.)

KT NO.	Gear teeth	Square drive	Torque range Nm / ft.lb.	Incr.	Overall length mm	g	
34464-1FG	24	1/2"	40-210 Nm (33.2-151.2 ft.lb.)	1.0 Nm	470	1250	1 / 12
34464-2FG	24	1/2"	70-340 Nm (62.7-239.7 ft.lb.)	3.0 Nm	590	1590	1 / 12

Adjustable Torque Wrench

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010
Tolerance of torque ±4%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Dual Scale - Newton Meter & Kilogram-force Centimeter / Kilogram-force meter (Nm & kgf.cm / kgf.m)

KT NO.	Square drive	Torque range Nm	Incr.	Torque range kgf.cm / kgf.m	Incr.	Overall length mm	g	
34223-1A	1/4"	5~25 Nm	0.1 Nm	51~255 kgf.cm	1 kgf.cm	280	595	1 / 12
34323-1A	3/8"	5~25 Nm	0.1 Nm	51~255 kgf.cm	1 kgf.cm	280	595	1 / 12
34323-2A	3/8"	20~110 Nm	1 Nm	2.04~11.22 kgf.m	0.1 kgf.m	370	820	1 / 12
34423-1A	1/2"	42~210 Nm	1 Nm	4.3~21.4 kgf.m	0.41 kgf.m	450	1340	1 / 12
34423-2A	1/2"	70~340 Nm	3 Nm	7.1~34.7 kgf.m	0.27 kgf.m	570	2400	1 / 12

Dual Scale - English & Kilogram-force Centimeter / Kilogram-force meter (in.lb. / ft.lb. & kgf.cm / kgf.m)

KT NO.	Square drive	Torque range in. lb. / ft. lb.	Incr.	Torque range kgf.cm / kgf.m	Incr.	Overall length mm	g	
34223-1B	1/4"	55~250 in. lb.	1.5 in.lb.	63~288 kgf.cm	1.13 kgf.cm	280	595	1 / 12
34323-1B	3/8"	55~250 in. lb.	1.5 in.lb.	63~288 kgf.cm	1.13 kgf.cm	280	595	1 / 12
34323-2B	3/8"	15~80 ft. lb.	0.5 ft.lb.	2.1~11.10 kgf.m	0.07 kgf.m	370	820	1 / 12
34423-1B	1/2"	30~150 ft. lb.	1 ft.lb.	4.2~20.8 kgf.m	0.14 kgf.m	450	1340	1 / 12
34423-2B	1/2"	50~250 ft. lb.	2 ft.lb.	6.9~34.6 kgf.m	0.27 kgf.m	570	2400	1 / 12

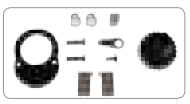
Dual Scale - English & Kilogram-force Centimeter / Kilogram-force meter (in.lb. / ft.lb. & kgf.cm / kgf.m)

KT NO.	Square drive	Torque range in. lb. / ft. lb.	Incr.	Torque range kgf.cm / kgf.m	Incr.	Overall length mm	g	
34223-1C	1/4"	55~250 in.lb.	1 in.lb.	6.2~28.2 Nm	0.17 Nm	280	595	1 / 12
34323-1C	3/8"	55~250 in.lb.	1 in.lb.	6.2~28.2 Nm	0.17 Nm	280	595	1 / 12
34323-2C	3/8"	15~80 ft.lb.	0.5 ft.lb.	20.3~108.5 Nm	0.68 Nm	370	820	1 / 12
34423-1C	1/2"	30~150 ft.lb.	1 ft.lb.	40.7~203.4 Nm	1.35 Nm	450	1658	1 / 12
34423-2C	1/2"	50~250 ft.lb.	2 ft.lb.	67.8~339 Nm	2.71 Nm	570	2400	1 / 12

● 34223-1DK1

● 34323-1DK1
● 34323-2DK1

● 34423-1DK1(24T)
-series NO. before 090923xxxx

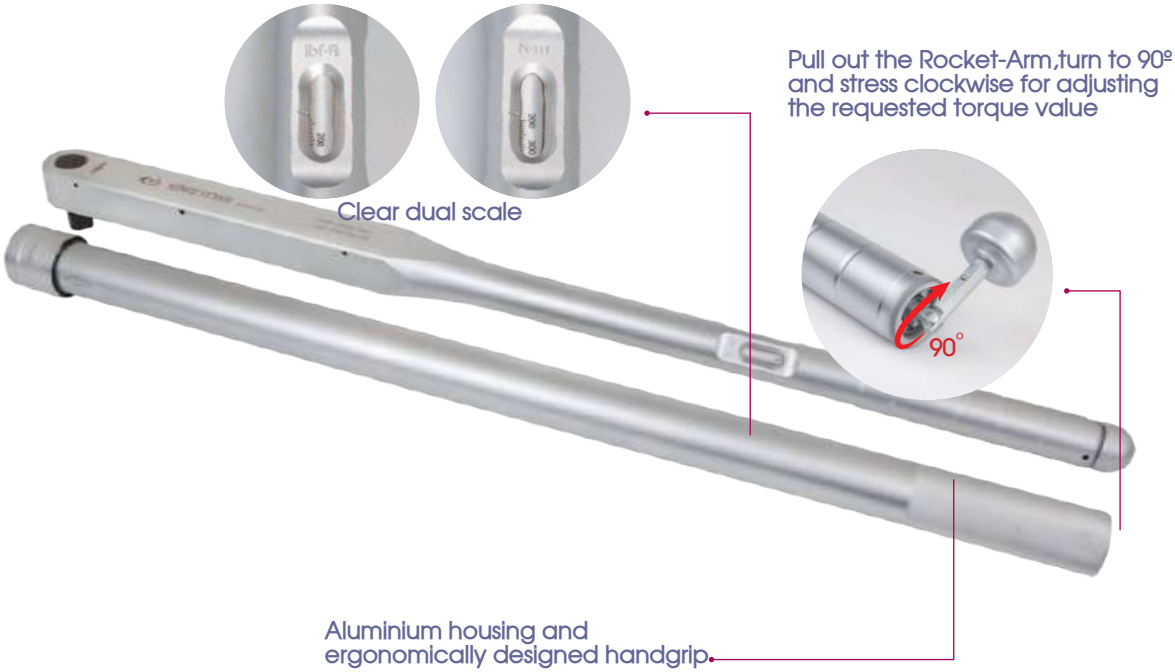

● 34423-3DK(24T)
-series NO. after 1309230001

CAUTION

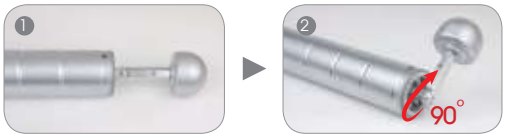
1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

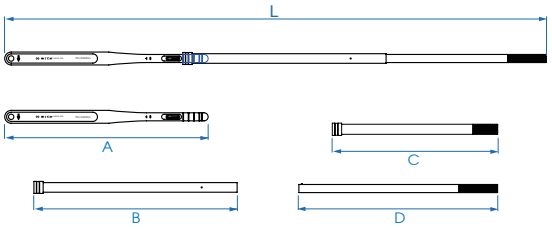
Heavy Duty Aluminum Adjustable Torque Wrench

Industrial application
Lightweight and robust;housing made by aluminium alloy
Multi-lever mechanism brings length independence and accurate torque
Loud click sound and string impulse when torque value reached
Easy lock and adjustment design
Tolerance of torque ±3%
Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010



Step:





Dual Scale - English & Newton Meter (ft. lb. & Nm)

KT NO.	Square drive	Torque range Nm	Incr.	ft.lb.	Incr.	A	B	C	D	Overall length mm	kg	
3445G-1FB	1/2"	40~200 Nm	5	30~150 ft.lb.	5	563	-	-	-	563	1.50	1 / 12
3465G-1FB	3/4"	110~550 Nm	10	80~400 ft.lb.	10	827	-	-	-	827	3.00	1 / 2
3465G-2FB	3/4"	140~760 Nm	10	100~560 ft.lb.	10	827	-	-	-	827	3.00	1 / 2
3465G-3FB	3/4"	200~1000 Nm	10	140~740 ft.lb.	10	825	-	762	-	1413	3.80	1 / 2
3485G-1DB	1"	600~1500 Nm	25	-	-	947	771	-	362	1615	10.90	1 / 1
3485G-2DB	1"	750~2000 Nm	50	-	-	947	946	-	925	2370	11.70	1 / 1

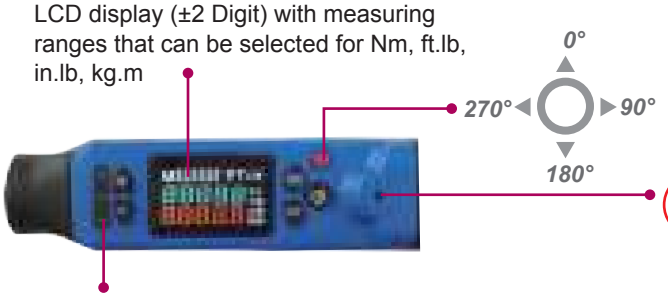
Electronic Torque Wrench

Electronic torque value readout
Peak hold and track mode selection
Angle accuracy (34387/34487)
Buzzer and LED indicator for presetting target torque
Engineering units (Nm, ft.lb, in.lb, kgf.m) adjustment
Switch off automatically after 60 seconds
DIN ISO 6789:2017 & ASME B107.300-2010
CW ±2% and CCW ±3% operation

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

Display :
LCD display (±2 Digit) with measuring ranges that can be selected for Nm, ft.lb, in.lb, kg.m

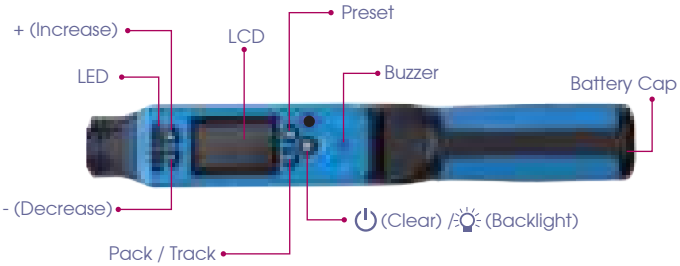
Battery Cap :
- AAAx3
- battery life 110 hrs



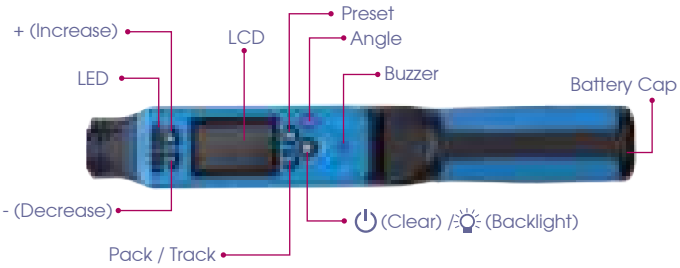
Signal :
3-way signal when the maximum torque value is reached, as a result the wrench can be used in noisy places.

LED warning light

• Electronic Torque Wrench (34367-2AG, 34467-1AG)



• Electronic Torque Angle-controlled Wrench (34387-2AG, 34487-1AG)



Torque Accuracy	CW ± 2% / CCW ± 3%
Preset function	10
Display Resolution	0.1 Nm/ ft.lb. ,0.01 kgf.m, 1.0 lb.in
Operation Mode	Peak/Track
Unit Selection	kg.m, lb.in, lb.ft, Nm
Gear Teeth	36
Battery	AAA x 3 PC.
Battery Life	110 hrs (continuous operation)
Operating Ambient Temperature	-10°C- 60°C (13.9°F-139.9°F)
Storage Temperature	-20°C-70°C (-4°F-157.9°F)
Operating Relative Humidity	15 to 90% noncondensing
Switch off Automatically	60 seconds (if do not use torque wrench)
Angle Accuracy	(±1% of reading)+(±1%@angular velocity >10°/sec < 180°/sec)+ (±1% of Text Texture)
Angle	0°~360° (34387-2AG,34487-1AG)

Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range Nm	ft.lb.	in. lb.	kg.m	Overall length mm		
34367-2AG	3/8"	27-135 Nm	19.9-99.6 ft.lb.	239~1195 in.lb.	2.75~13.76 kgf.m	460	1400	1 / 6
34467-1AG	1/2"	40-200 Nm	29.5-147.5 ft.lb.	354~1770 in.lb.	4.08~20.38 kgf.m	530	1500	1 / 6
34387-2AG	3/8"	27-135 Nm	19.9-99.6 ft.lb.	239~1195 in.lb.	2.75~13.76 kgf.m	460	1400	1 / 6
34487-1AG	1/2"	40-200 Nm	29.5-147.5 ft.lb.	354~1770 in.lb.	4.08~20.38 kgf.m	530	1500	1 / 6

CAUTION

1. Do not press "M" and " ⏻ " button together otherwise system will enter in calibration mode.
2. Switch off the power after use.

Electronic Torque Adapter

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

34207-1A 34307-1A 34407-1A

▪ Specifications:

Accuracy	± 2%
Memory	50
Display Resolution	0.1 Nm /ft.lb. ,0.01 kgf.m
Operation Mode	Peak/Trace
Unit Selection	kgf.m , ft.lb. , Nm
Battery	AAA x 2 PC.
Battery Life	110hrs (continuous operation)
Operating Ambient Temperature	-10°C - 60°C (13.9°F - 139.9°F)
Storage Temperature	-20°C - 70°C (-4°F - 157.9°F)
Operating Relative Humidity	15 to 90% noncondensing
Switch off Automatically	70 seconds (if do not use electronic torque adapter.)
LED indicator	Green. Yellow. Red
Overload Alarm	34207-1A: 37.5 Nm (27.6 ft.lb.) 34307-1A: 168.8 Nm(124.5 ft.lb.) 34407-1A: 250 Nm (184.4 ft.lb.)

Dual Scale - English & Newton Meter (ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range Nm	ft.lb.	kgf.m	Size mm		
34207-1A	1/4"	6~30 Nm	4.4~22.1 ft.lb.	0.61~3.06 kgf.m	L75 x W45 x H40	124	12 / 48
34307-1A	3/8"	27~135 Nm	19.9~99.6 ft.lb.	2.75~13.76 kgf.m	L75 x W45 x H40	198	12 / 48
34407-1A	1/2"	40~200 Nm	29.5~147.5 ft.lb.	4.08~20.38 kgf.m	L75 x W45 x H40	198.5	12 / 48

34407T-1A new

Accuracy	± 2%
Memory	50
Display Resolution	0.1 Nm /ft.lb. ,0.01 kgf.m 1Psi /0.001 Bar /0.001 kgf-cm² /0.01 Kpa
Operation Mode	Peak/Trace
Unit Selection	kg-cm, kg-m, lb-in, lb-ft, N-m Kpa, bar, psi, kg-cm²
Battery	AAA x 2 PC.
Battery Life	50hrs (continuous operation)
Operating Ambient Temperature	-10°C - 60°C (13.9°F - 139.9°F)
Storage Temperature	-20°C - 70°C (-4°F - 157.9°F)
Operating Relative Humidity	15 to 90% noncondensing
Auto shut off	60 seconds

Dual Scale - English & Newton Meter (ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range Nm	ft.lb.	kgf.m	Pressure range	Size mm		
34407T-1A	1/2"	40-200	29.5-147.5 ft.lb	40.8~20.38 kgf.m	1-100 psi (0.069~6.6bar)	L75 x W67 x H46 mm	343	1 / 24

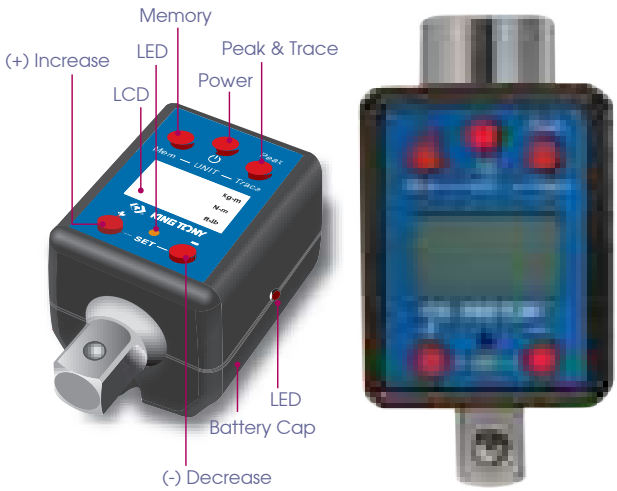
Electronic Torque Adapter

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

34607-1A

▪ Specifications:

Accuracy	± 2%
Memory	50
Display Resolution	0.1 Nm / ft.lb. , 0.01 kgf.m
Operation Mode	Peak/Trace
Unit Selection	kgf.m , ft.lb. , Nm
Battery	AA x 2 PC.
Battery Life	110hrs (continuous operation)
Operating Ambient Temperature	-10°C - 60°C (13.9°F - 139.9°F)
Storage Temperature	-20°C - 70°C (-4°F - 157.9°F)
Operating Relative Humidity	15 to 90% noncondensing
Switch off Automatically	70 seconds (if do not use electronic torque adapter.)
LED indicator	Green. Yellow. Red
Overload Alarm	1250 Nm (886 ft.lb.)



Dual Scale - English & Newton Meter (ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range Nm	ft.lb.	kgf.m	Size mm		
34607-1A	3/4"	200 ~1000 Nm	147.6~738 ft.lb.	20.4~102 kgf.m	L110 x W56 x H60	585	6 / 24

CAUTION

1. Do not press "M" and " ⏻ " button together otherwise system will enter in calibration mode.
2. Switch off the power after use.

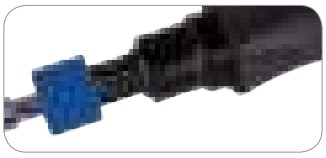
Torque Screwdriver

34111

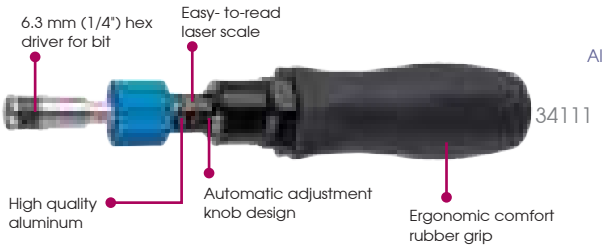
34211

- Suitable for 1/4" Hex insert bit; 1/4" socket
- Automatic adjustment knob design
- Easy-to-read laser scale
- Ergonomic comfort rubber grip
- Tolerance of torque ±5% quality meets DIN ISO 6789:2017 & ASME B107.300-2010

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Tolerance of torque within ±5% quality meets DIN ISO 6789:2017 & ASME B107.300-2010



Aluminum alloy

KT NO.	1/4"DR.	Torque range cNm / Nm / in-lb	Incr.	Overall length mm	g	
34111-1DG	○	30~120 cNm	1 cNm	180	207	1 / 24
34111-1EG	○	3~15 in-lb	0.1 in-lb	180	207	1 / 24
34111-2DG	○	1.5~6.5 Nm	0.1 Nm	196	475	1 / 24
34111-2EG	○	10~50 in-lb	0.5 in-lb	196	475	1 / 24
34211-3DG	■	4~9 Nm	0.1 Nm	196	475	1 / 24

Torque Angle Gauge

34440

34440A

34660

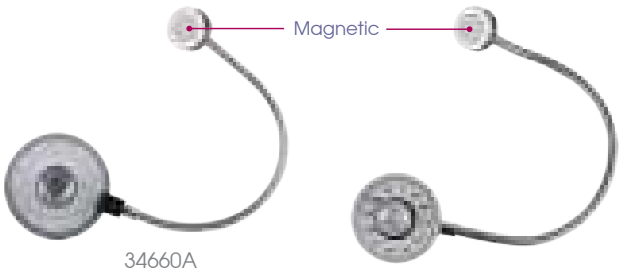
34660A

- Square Drive :
  34440 (1/2" x 1/2")
  34660 (3/4" x 3/4")
- 360° angle scale- clearly marked in 2° increments, and in intervals of 10° and 30°
- Indicator etched on clear plastic plate, protects angle scale from dirt and grease
- Adjustable arm keeps angle scale stationary
- Arm has two lengths for additional flexibility in placement against components
- Tough composite dial and rotating index allowing operator to accurately tighten meeting to standard

KT NO.	Spec.	g	
34440	1/2"Fx1/2"M	190	12 / 48
34440A	1/2"Fx1/2"M	375	6 / 24
34660	3/4"Fx3/4"M	666	6 / 12
34660A	3/4"Fx3/4"M	908	6 / 12

• Step 1: Set up the torque value by torque wrench

• Step 2: Adjust the angle by angle gauge



Torque Multiplier

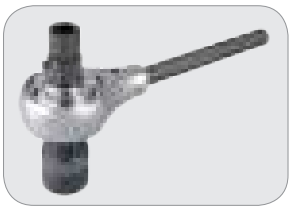
CAUTION

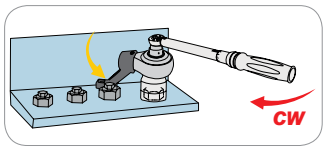
Don't use pneumatic tool together with the multiplier.

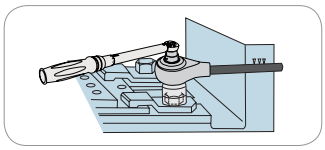
34486 34488 34688

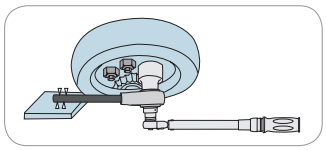
- Torque multiplication with 5:1, accuracy guaranteed better than ±5%
- Reaction bar supplied in two styles for maximum versatility
- Ideal construction offers minimal maintenance and extended life
- Portable package brings convenience for use in different working places

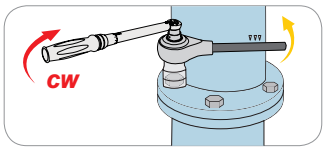
1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

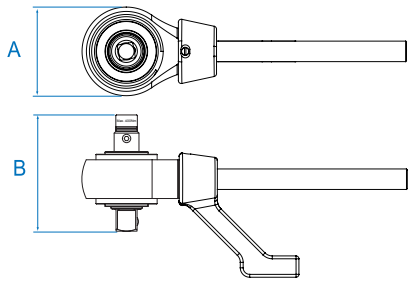












Contents

	34486-05A 34488-05A 34688-05A	Multiplier head 1 PC.
	34688-P01	Reaction bar 1 PC.
	34688-P02	Reaction bar 1 PC.
	34486-P03 34488-P03 34688-P03	Safety Break-Away Adapter 1 PC.

KT NO.	Ratio	Input square	Output square	Max input torque Nm / Ft.lb	Max output torque Nm / Ft.lb	A mm	B mm	kg	
34486	5:1	1/2"	3/4"	300 / 220	1500 / 1100	108	140.3	7.1	1 / 2
34488	5:1	1/2"	1"	400 / 290	2000 / 1450	108	136.3	7.5	1 / 2
34688	5:1	3/4"	1"	540 / 400	2700 / 2000	108	161.0	7.7	1 / 2

Torque Multiplier

CAUTION

Don't use pneumatic tool together with the multiplier.

34488-26

- Torque multiplication with 26:1, accuracy guaranteed better than ±5%
- Reaction bar supplied in two styles for maximum versatility
- High ratios offers an idea to replace long lever arm and heavy wrench
- Ideal construction offers minimal maintenance and extended life
- Portable package brings convenience for use in different working places
- Anti-backlash device

34488-26DK

Contents

Multiplier head 1 PC.

Reaction bar 2 PC.

KT NO.	Ratio	Input square	Output square	Max input torque Nm / Ft.lb	Max output torque Nm / Ft.lb	kg	
34488-26	26:1	1/2"	1"	175 / 130	4500 / 3300	15.7	1 / 1

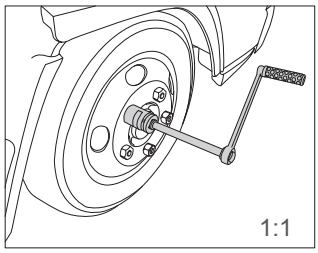
Universal Torque Convertor Set

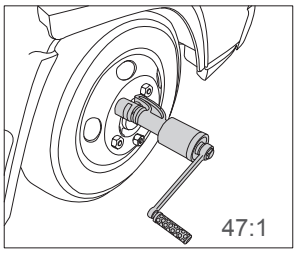
3488A03MP

- It is a newly designed wheel wrench for truck tires or car tires by using less labor to reach a sufficient output torque
- Suitable for trucks, buses, and other heavy duty vehicles

Contents

	Power Enhanced Device 1 PC.
	Prolonged Pole 1 PC.
	Handle 1 PC.
8835M	32, 33





KT NO.	Ratio	Input square	Output square	Max input torque Nm / Ft.lb	kg	
3488A03MP	47:1	1"	1"	4700 / 3466	9.3	1 / 2

Torque Tester

ZV011

▪ **Specifications:** 7.7 1 / 1

Calibration range	2~60 Nm
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-m, Kg-cm, N-m, N-cm
Input Hex A/F (mm)	10mm
Square Drive Adaptor (inch)	1/4", 3/8", 1/2"
Operating Temperature Range	+5°C~ +40°C
Storage Temperature Range	+0°C~ +70°C
Power Input	100-240V DC9.0V⎓1.66A, 15W MAX
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm

233510M

333510M

433510MR

ZV011A		Europe
ZV011B		America & Asia
ZV011D		Australia & New Zealand

ZV012

▪ **Specifications:** 8.1 1 / 1

Calibration range	8~400 Nm
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-m, Kg-cm, N-m, N-cm
Input Hex A/F (mm)	22mm
Square Drive Adaptor (inch)	3/8", 1/2", 3/4"
Operating Temperature Range	+5°C~ +40°C
Storage Temperature Range	+0°C~ +70°C
Power Input	100-240V DC9.0V⎓1.66A, 15W MAX
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm

333522M

433522MR

633522M

ZV012A		Europe
ZV012B		America & Asia
ZV012D		Australia & New Zealand

ZV013

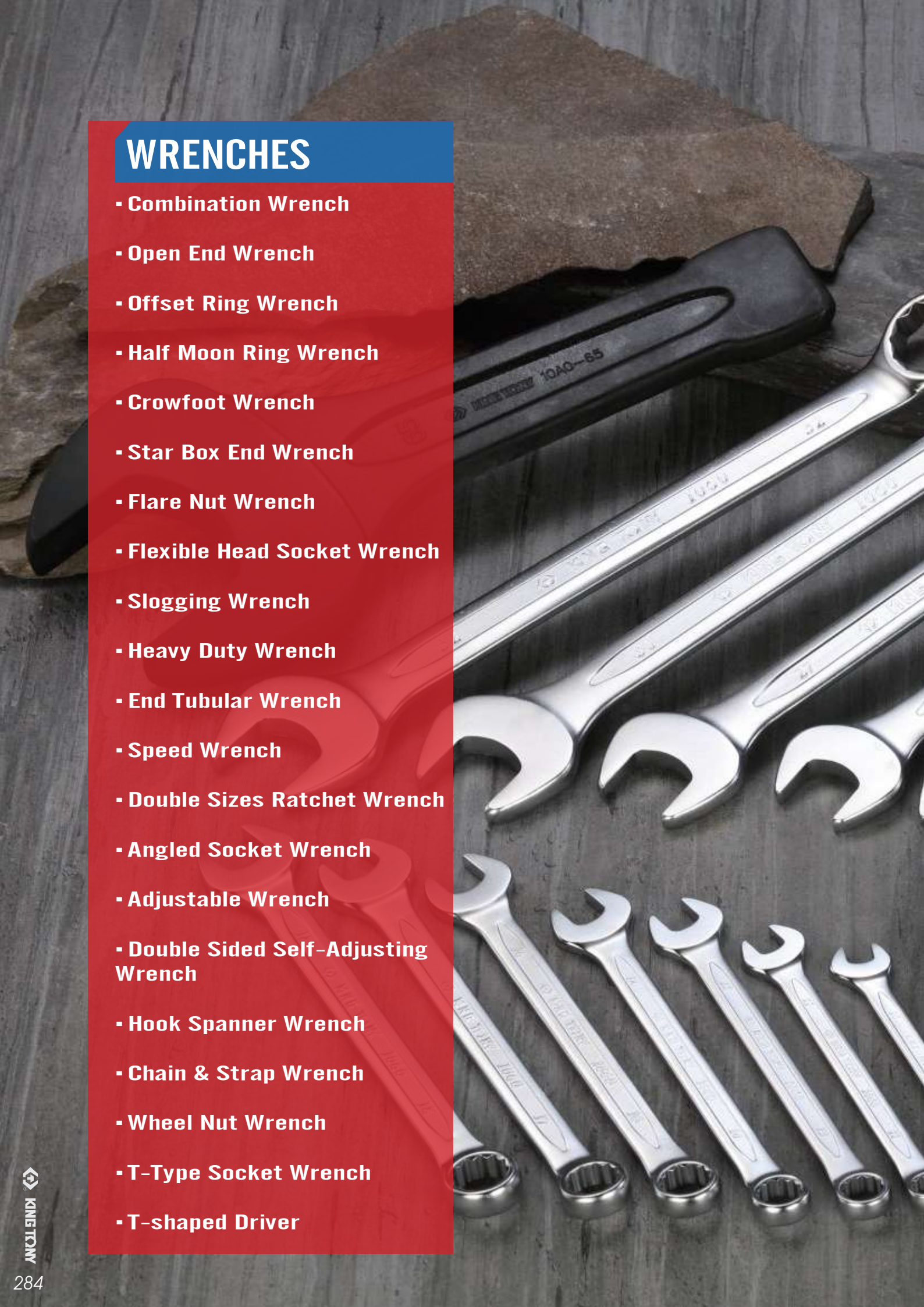
▪ **Specifications:** 8.9 1 / 1

Calibration range	100~1500 Nm
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-m, Kg-cm, N-m
Input Hex A/F (mm)	36mm
Square Drive Adaptor (inch)	3/4"
Operating Temperature Range	+5°C~ +40°C
Storage Temperature Range	+0°C~ +70°C
Power Input	100-240V DC9.0V⎓1.66A, 15W MAX
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm

633536M

ZV013A		Europe
ZV013B		America & Asia
ZV013D		Australia & New Zealand

Notes



WRENCHES

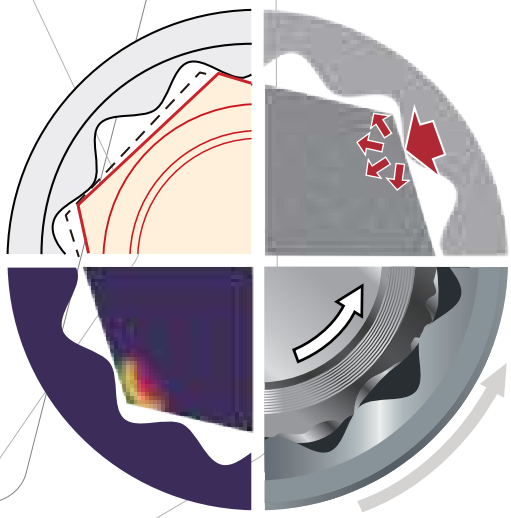
- Combination Wrench
- Open End Wrench
- Offset Ring Wrench
- Half Moon Ring Wrench
- Crowfoot Wrench
- Star Box End Wrench
- Flare Nut Wrench
- Flexible Head Socket Wrench
- Slogging Wrench
- Heavy Duty Wrench
- End Tubular Wrench
- Speed Wrench
- Double Sizes Ratchet Wrench
- Angled Socket Wrench
- Adjustable Wrench
- Double Sided Self-Adjusting Wrench
- Hook Spanner Wrench
- Chain & Strap Wrench
- Wheel Nut Wrench
- T-Type Socket Wrench
- T-shaped Driver

3631-10R
KING TONY
Combination
Trousse de clé
Ring-Maulschl
Jogo de chave
Juego de llave
14
NO.1214MRN01
10
11
13

KING TONY UNIT DRIVE Profile

1. A large contact surface provides a secure force closure even for bolts whose sizes are out of the tolerances.
2. Radiate distribution of the force on the bolt flanks, reducing notch effect, which prevents the bolt from being rounded.
3. Gentle torque transfer enables worn bolts to be loosened.
4. Optimally distributed force up to 20 % higher torques can be transferred.

The KING TONY UNIT DRIVE prevents the bolts form being damaged by using of a wave form without any tipped or sharp edges.
Enlarged, round contact surfaces ensure that torque is reliably transferred - acting radiately, as it does, on the bolt.
Minimising notch effect prevents any damage to the bolt.



Wrench Made

01 Raw material

02 Hot forge

03 Barreling

04 Polishing

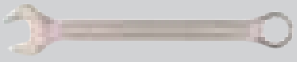
05 Punching & Broaching

06 Marking

07 Heat treatment

08 Vibrating

09 Sand blast



10 Plating

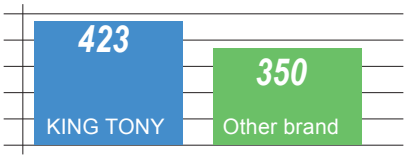
King Tony

Other brand

Advanced structure saves time

There are more and more improved tool structure comes out every year. King Tony selects useful idea and engineering function on developing new product within quality and economic concern. Every piece of component is designed for the comfort to users.

Exceed other brands 20%



KING TONY speed wrench is 20% stronger than others.

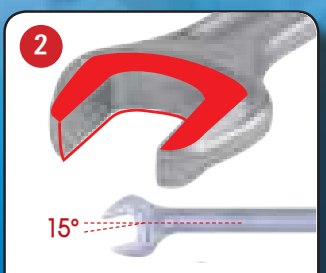
Ultra-Light Combination Wrench

1062 PAT. new

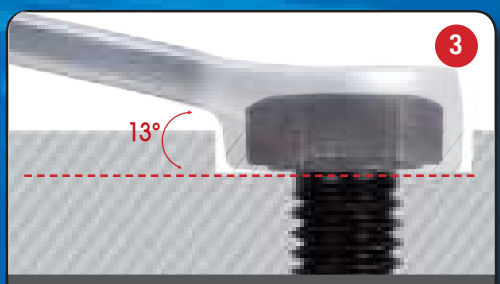
- 15° open end reinforcement design in slim profile
- 13° ring end high relief zone design with thin wall access ability
- Chrome vanadium alloy steel
- Metric size-DIN 3113, ISO 7738

New slimline I-Beam shank offers superior strength with less effort

KT NO.	Size mm	L mm		
1062-06	6	105	18	12 / 504
1062-07	7	115	20	12 / 504
1062-08	8	125	25	12 / 504
1062-09	9	135	34	12 / 504
1062-10	10	145	39	12 / 504
1062-11	11	155	46	12 / 504
1062-12	12	165	56	12 / 216
1062-13	13	175	69	12 / 216
1062-14	14	185	80	12 / 216
1062-15	15	195	93	12 / 192
1062-16	16	205	111	12 / 192
1062-17	17	215	119	12 / 192
1062-18	18	225	138	12 / 144
1062-19	19	235	158	12 / 144
1062-20	20	245	182	12 / 144
1062-21	21	255	203	12 / 96
1062-22	22	265	225	12 / 96
1062-23	23	275	251	12 / 96
1062-24	24	285	287	6 / 54
1062-25	25	295	326	6 / 54
1062-26	26	305	344	6 / 54
1062-27	27	315	371	6 / 54
1062-28	28	325	387	6 / 48
1062-29	29	335	456	6 / 48
1062-30	30	345	514	6 / 48
1062-32	32	365	557	6 / 48



More powerful open end with big thumb point delivers more torque

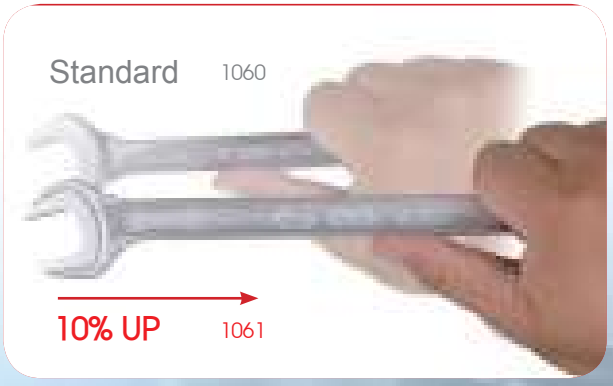


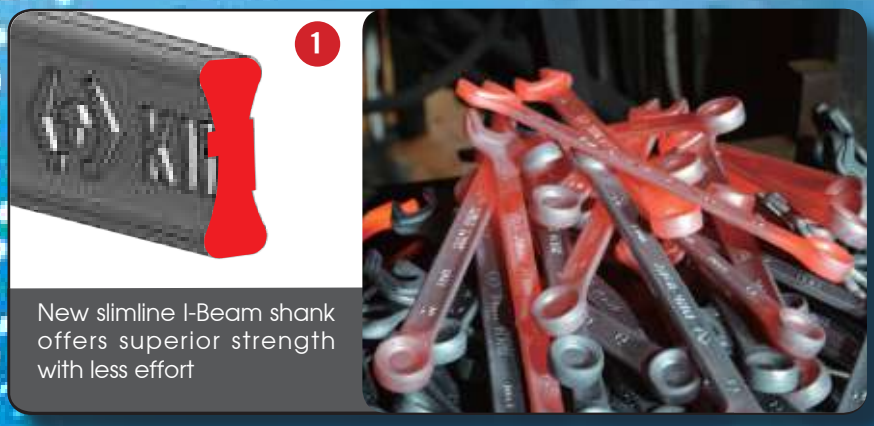
13 degree offset ring provides better accessibility

Ultra-Light Long Combination Wrench

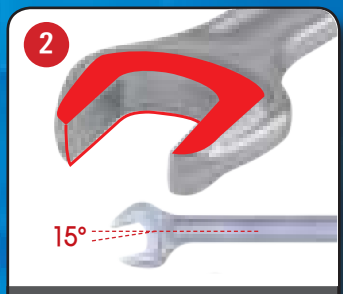
1061 PAT.

- New forge technologies I-Beam shank offers 20% lightweight and better strength
- 15° open end reinforcement design in slim profile
- 13° ring end high relief zone design with thin wall access ability
- Long shank for high leverage & helps operators' hands from hot spots
- Chrome vanadium alloy steel
- Metric size-DIN 3113, ISO 7738

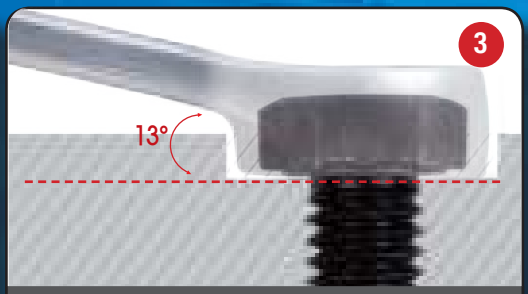




New slimline I-Beam shank offers superior strength with less effort



More powerful open end with big thumb point delivers more torque



13 degree offset ring provides better accessibility

Ultra-Light Long Combination Wrench & Set

KT No. & D1

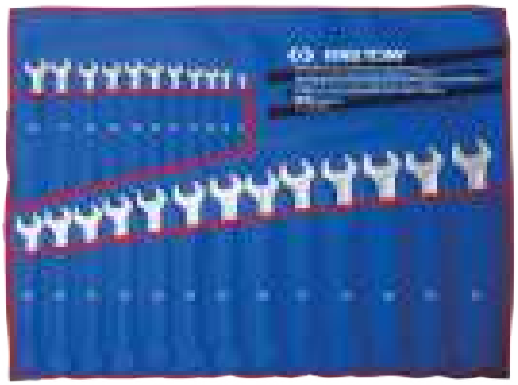
1061

- 15° open slimline type
- 13° ring end offset from shaft
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3113 / ISO 7738

TAIWAN EXCELLENCE 2016

KT NO.	Size mm	L mm	g	pcs/box
1061-06	6	128	20	12 / 768
1061-07	7	148	28	12 / 576
1061-08	8	148	28	12 / 576
1061-09	9	167	45	12 / 384
1061-10	10	167	45	12 / 384
1061-11	11	186	55	12 / 240
1061-12	12	196	65	12 / 192
1061-13	13	205	80	12 / 192
1061-14	14	223	97	12 / 120
1061-15	15	233	120	12 / 144
1061-16	16	243	135	12 / 144
1061-17	17	262	165	12 / 96
1061-18	18	272	190	12 / 96

KT NO.	Size mm	L mm	g	pcs/box
1061-19	19	281	210	12 / 96
1061-20	20	301	260	8 / 48
1061-21	21	301	260	8 / 48
1061-22	22	319	305	8 / 48
1061-23	23	319	305	8 / 48
1061-24	24	338	380	5 / 40
1061-25	25	358	443	5 / 40
1061-26	26	358	437	5 / 40
1061-27	27	383	523	5 / 40
1061-28	28	383	507	5 / 40
1061-29	29	408	621	5 / 20
1061-30	30	408	630	5 / 20
1061-32	32	433	778	5 / 20



► Pouch material : Tetoron

KT NO.	PC.		Contents	Kg	pcs/box
12C7MRN	7		8, 10, 11, 13, 14, 17, 19	0.77	1 / 24
12C8MRN	8		6, 7, 8, 9, 10, 11, 12, 13	0.77	1 / 24
12A0MRN	10		10, 11, 12, 13, 14, 15, 16, 17, 18, 19	1.35	1 / 12
12A1MRN	11	1061	8, 10, 12, 13, 14, 16, 17, 18, 19, 22, 24	2.06	1 / 12
12A3MRN	13		8, 10, 11, 12, 13, 14, 15, 16 ,17, 18, 19, 22, 24	2.16	1 / 12
12A4MRN	14		8, 10, 11, 12, 13, 14, 15, 16 ,17, 18, 19, 21, 22, 24	2.44	1 / 8
12B4MRN	24		6, 8, 10, 11, 12, 13, 14, 15, 16 ,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	7	1 / 2

Combination Wrench

KT No. & D1

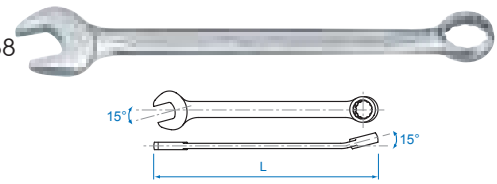
1060

- European slimline type
- 15° open end angle
- 15° ring end offset from shaft
- Chrome vanadium alloy steel

KT NO.	Size mm	L mm		
1060-55	5.5	105	16	12 / 504
1060-06	6	105	18	12 / 504
1060-07	7	115	20	12 / 504
1060-08	8	125	25	12 / 504
1060-09	9	135	34	12 / 504
1060-10	10	145	39	12 / 504
1060-11	11	155	46	12 / 504
1060-12	12	165	56	12 / 216
1060-13	13	175	69	12 / 216
1060-14	14	185	80	12 / 216
1060-15	15	195	93	12 / 192
1060-16	16	205	111	12 / 192
1060-17	17	215	119	12 / 192
1060-18	18	225	138	12 / 144
1060-19	19	235	158	12 / 144
1060-20	20	245	182	12 / 144
1060-21	21	255	203	12 / 96
1060-22	22	265	225	12 / 96
1060-23	23	275	251	12 / 96
1060-24	24	285	287	6 / 54
1060-25	25	295	326	6 / 54
1060-26	26	305	344	6 / 54
1060-27	27	315	371	6 / 54
1060-28	28	325	387	6 / 48
1060-29	29	335	456	6 / 48
1060-30	30	345	514	6 / 48
1060-32	32	365	557	6 / 48

5060

- Chrome plated
- Metric size-DIN 3113, ISO 7738
- Inch size-ANSI/ASME B107.6



KT NO.	Size inch	L mm		
5060-08	1/4	105	18	12 / 504
5060-10	5/16	125	25	12 / 504
5060-12	3/8	145	39	12 / 504
5060-14	7/16	155	46	12 / 504
5060-16	1/2	175	69	12 / 216
5060-18	9/16	185	80	12 / 216
5060-20	5/8	205	111	12 / 192
5060-22	11/16	215	119	12 / 192
5060-24	3/4	235	158	12 / 144
5060-26	13/16	255	203	12 / 96
5060-28	7/8	265	220	12 / 96
5060-30	15/16	285	287	6 / 54
5060-32	1	295	326	6 / 54
5060-34	1-1/16	315	371	6 / 54
5060-36	1-1/8	335	456	6 / 48
5060-40	1-1/4	365	557	6 / 48

1071

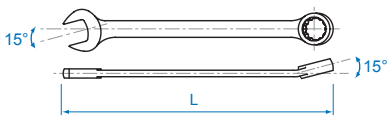
- Jumbo type
- 15° open end angle
- 15° ring end offset from shaft
- High quality steel
- Polished, chrome plated
- Metric size-DIN 3113, ISO 7738
- Inch size-ANSI/ASME B107.6

KT NO.	Size mm	L mm		
1071-33	33	410	765	5 / 20
1071-34	34	410	745	5 / 20
1071-35	35	425	960	5 / 20
1071-36	36	425	960	5 / 20
1071-38	38	455	1155	5 / 20
1071-41	41	495	1402	5 / 15
1071-42	42	495	1394	5 / 15
1071-44	44	495	1479	5 / 15
1071-46	46	495	1515	5 / 15
1071-48	48	563	2550	5 / 10
1071-50	50	563	2550	5 / 10
KT NO.	Size mm	L mm		
1071-55	55	616	2520	5
1071-60	60	657	3000	5
1071-65	65	678	3300	5
1071-70	70	715	5760	2
1071-75	75	715	5770	2
1071-80	80	745	7700	2
1071-85	85	745	7700	2

5071

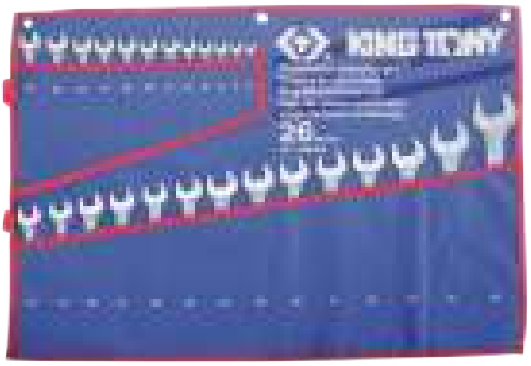
1071-33~50
5071-42~64

1071-55~85



KT NO.	Size inch	L mm		
5071-42	1-5/16	410	760	5 / 20
5071-44	1-3/8	425	970	5 / 20
5071-46	1-7/16	425	950	5 / 20
5071-48	1-1/2	455	1150	5 / 20
5071-50	1-9/16	495	1546	5 / 15
5071-52	1-5/8	495	1402	5 / 15
5071-54	1-11/16	495	1432	5 / 15
5071-56	1-3/4	495	1419	5 / 15
5071-58	1-13/16	495	1478	5 / 15
5071-60	1-7/8	563	2540	5 / 10
5071-62	1-15/16	563	2550	5 / 10
5071-64	2	563	2540	5 / 10

Combination Wrench Set



► MRN / SRN : Tetoron pouch bag

► MR / SR : Nylon pouch bag

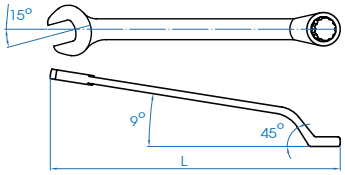
KT NO.	PC.		Contents	Package	Kg	
1207MR	7		10, 11, 12, 13, 14, 17, 19	Nylon	0.71	1 / 30
1208MR	8		10, 11, 12, 13, 14, 17, 19, 22	Nylon	0.95	1 / 24
1210MR	10		8, 10, 12, 13, 14, 17, 19, 21, 22, 24	Nylon	1.38	1 / 16
1211MR	11		8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24	Nylon	1.33	1 / 16
1212MR	12		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	Nylon	1.28	1 / 16
new 1212MR01	12		6, 8, 10, 12, 13, 14, 17, 19, 24, 27, 30, 32	Nylon	3.23	1 / 8
1214MR	14		10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30, 32	Nylon	3.18	1 / 8
1214MR01	14		10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	Nylon	3.25	1 / 8
1215MR	14	1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	Nylon	1.86	1 / 12
1215MR01	14		8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	Nylon	3.22	1 / 12
1215MR02	15		6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	Nylon	2.92	1 / 8
1211MRN	11		8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24	Tetoron	1.33	1 / 16
1214MRN01	14		10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	Tetoron	3.35	1 / 8
1214MRN05	14		6, 7 ,8 ,9 ,10 ,11 ,12 ,13 ,14 ,15, 16, 17, 18, 19	Tetoron	1.24	1 / 12
1215MRN01	14		8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	Tetoron	1.92	1 / 12
1215MRN02	15		6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	Tetoron	2.92	1 / 8
1218MR01	18		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	Nylon	2.5	1 / 9
1218MRN	18			Tetoron	1.34	1 / 9
1226MR	26		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	Nylon	5.67	1 / 4
1226MRN	26			Tetoron	5.67	1 / 4
1207SR	7		3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	Nylon	0.61	1 / 30
1211SR	11		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 15/16	Nylon	1.48	1 / 16
1211SR01	11		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 1	Nylon	1.46	1 / 16
1211SR02	11		3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	Nylon	1.63	1 / 12
1214SR	14	5060	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-1/4	Nylon	3.02	1 / 8
1216SR	16		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	Nylon	3.44	1 / 8
new 1216SRN	16		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	Tetoron	3.63	1 / 6
1213SRN	13		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	Tetoron	1.96	1 / 10
1214SRN01	14		3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	Tetoron	3.54	1 / 8
1296MRN	6	1071	34, 36, 38, 41, 46, 50	Tetoron	8.87	1 / 2
1224CRN	24	1060	7, 8, 10, 11, 12, 13, 14, 15, 16, 17 19, 22	Tetoron	2.93	1 / 6
		5060	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16			

Offset Combination Wrench & Set

KT No. & D1

1063

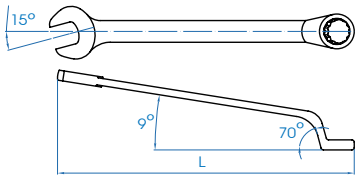
- Chrome vanadium alloy steel
- Offset ring ideal for deep-seated nuts or bolts
- 15° open end angle
- Chrome plated
- Metric size - DIN 3113 / ISO 7738 / ISO 3318



KT NO.	Size mm	L mm	g	
1063-06	6	110	19	20 / 360
1063-08	8	130	32	20 / 320
1063-10	10	150	46	20 / 320
1063-11	11	160	59	20 / 320
1063-12	12	170	73	20 / 240
1063-14	14	190	103	15 / 240
1063-15	15	200	118	15 / 180
1063-16	16	210	135	15 / 180
1063-17	17	220	153	15 / 120
1063-18	18	230	179	12 / 96
1063-21	21	260	224	10 / 80
1063-22	22	270	258	10 / 80
1063-27	27	320	448	6 / 48
1063-30	30	350	552	6 / 48
1063-32	32	370	683	6 / 48

1067

- Chrome vanadium alloy steel
- Offset ring ideal for deep-seated nuts or bolts
- 15° open end angle
- Chrome plated
- DIN 3113 / ISO 7738 / ISO 3318



KT NO.	Size mm	L mm	g	
1067-06	6	105	18	10 / 640
1067-07	7	115	23	10 / 640
1067-08	8	125	25	10 / 640
1067-09	9	135	36	10 / 480
1067-10	10	145	42	6 / 288
1067-11	11	155	55	12 / 240
1067-12	12	165	61	10 / 200
1067-13	13	175	79	8 / 160
1067-14	14	185	93	10 / 160
1067-15	15	195	110	10 / 160
1067-16	16	205	119	10 / 160
1067-17	17	215	148	8 / 128
1067-18	18	225	158	12 / 144
1067-19	19	235	192	10 / 120
1067-20	20	235	256	10 / 80
1067-21	21	265	250	10 / 80
1067-22	22	265	256	10 / 80
1067-23	23	290	316	8 / 64
1067-24	24	290	307	8 / 64
1067-25	25	300	327	10 / 60
1067-26	26	320	423	10 / 40
1067-27	27	320	402	10 / 40
1067-28	28	330	494	10 / 40
1067-29	29	350	402	6 / 48
1067-30	30	350	522	6 / 48
1067-32	32	370	621	4 / 32

► MRN / SRN : Tetoron pouch bag

► MR / SR : Nylon pouch bag

KT NO.	PC.	Contents	Package	kg	
1271MR	11	6, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22	Nylon	1.23	1 / 15
1271MRN	11		Tetoron		
1272MR	12	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22	Nylon	1.21	1 / 15
1272MR01	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	Nylon	1.47	1 / 9
1275MR	15	6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	Nylon	3.3	1 / 8
1275MRN	15		Tetoron		
1266MR	26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	Nylon	6.85	1 / 2

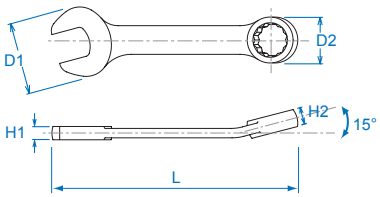
1067

Stubby Combination Wrench & Set

KT No. & D1

10D0

- Short pattern design enables greater access in confined spaces
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3113



KT NO.	Size mm	D1	D2	H1	H2	L mm	g	
10D0-08	8	18.1	13.8	4.6	6.0	85	20	20 / 360
10D0-09	9	19.3	14.5	4.8	6.4	90	25	20 / 360
10D0-10	10	20.5	15.1	4.8	6.4	95	27	20 / 360
10D0-11	11	22.7	16.7	5.9	7.9	100	45	20 / 360
10D0-12	12	24.7	18.0	6.2	8.3	105	49	20 / 360
10D0-13	13	27.2	19.1	6.5	8.7	110	59	20 / 360
10D0-14	14	28.8	21.4	7.0	9.2	115	65	15 / 270
10D0-15	15	31.0	22.4	7.4	9.7	120	73	15 / 270
10D0-16	16	33.0	23.8	7.8	10.3	125	85	15 / 270
10D0-17	17	35.0	26.2	8.1	10.7	130	116	15 / 180
10D0-18	18	37.0	27.3	8.6	11.3	135	123	15 / 180
10D0-19	19	39.0	28.6	9.0	11.8	140	135	12 / 144

1282MR

12 PC.

Contents	kg	
10D0	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	1.03	1 / 24

► Nylon pouch bag

Single Open End Wrench

10F0

- Features: The open end is thicker for very high tightening torques. examples: public work, rail worksite, naval construction, agriculture, oil platforms, metallic construction
- Hanging hole at end of handle: wrenches stored on panel or hung to avoid loss or fall
- Chrome vanadium alloy steel
- Finished with phosphate sunk
- DIN 894

KT NO.	Size mm	L mm	g	
10F0-17P	17	178	107	10 / 120
10F0-19P	19	178	107	10 / 120
10F0-21P	21	203	161	10 / 100
10F0-22P	22	203	161	10 / 100
10F0-23P	23	220	203	8 / 80
10F0-24P	24	220	203	8 / 80
10F0-26P	26	240	290	6 / 60
10F0-27P	27	240	290	6 / 60
10F0-29P	29	267	341	6 / 48
10F0-30P	30	267	335	6 / 48
10F0-32P	32	285	410	5 / 30

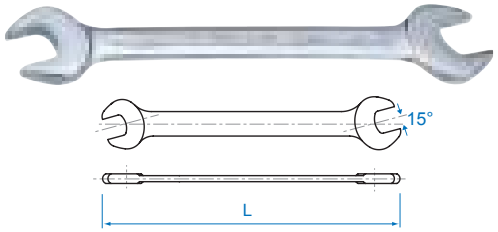
KT NO.	Size mm	L mm	g	
10F0-36P	36	317	556	5 / 30
10F0-38P	38	320	740	5 / 30
10F0-41P	41	340	875	4 / 24
10F0-46P	46	395	1060	3 / 12
10F0-50P	50	425	1402	1 / 12
10F0-55P	55	425	1403	1 / 12
10F0-60P	60	470	2544	1 / 6
10F0-65P	65	470	2441	1 / 6
10F0-70P	70	500	3457	1 / 6
10F0-75P	75	500	3333	1 / 6

Open End Wrench& Set

KT No. & D1

1900 5900

- European slimline type
- 15° open end angle
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN 3110
- Inch size-ANSI / ASME B107.6



KT NO.	Size mm	L mm	g	
19005507	5.5 x 7	123	28	12 / 576
19000607	6 x 7	123	28	12 / 576
19000708	7 x 8	140	36	12 / 576
19000809	8 x 9	140	39	12 / 576
19000810	8 x 10	140	38	12 / 576
19000911	9 x 11	156	55	12 / 288
19001011	10 x 11	156	65	12 / 288
19001012	10 x 12	156	65	12 / 288
19001113	11 x 13	172	78	12 / 288
19001213	12 x 13	172	86	12 / 288
19001214	12 x 14	172	78	12 / 288
19001314	13 x 14	172	78	12 / 288
19001317	13 x 17	195	124	12 / 192
19001415	14 x 15	188.5	114	12 / 192
19001417	14 x 17	195	146	12 / 192
19001617	16 x 17	204	146	12 / 192
19001618	16 x 18	221	165	12 / 144
19001719	17 x 19	221	177	12 / 144
19001819	18 x 19	221	178	12 / 144
19001921	19 x 21	237	210	12 / 144
19001922	19 x 22	237	210	12 / 144
19002022	20 x 22	237	210	12 / 144
19002123	21 x 23	247	258	6 / 72
19002224	22 x 24	247	258	6 / 72
19002326	23 x 26	263	281	6 / 72
19002426	24 x 26	263	281	6 / 72
19002427	24 x 27	263	326	6 / 72

KT NO.	Size mm	L mm	g	
19002430	24 x 30	263	350	6 / 72
19002528	25 x 28	279	373	6 / 48
19002632	26 x 32	285	457	6 / 48
19002729	27 x 29	279	458	6 / 48
19002730	27 x 30	285	481	6 / 48
19002732	27 x 32	285	481	6 / 48
19003032	30 x 32	298	481	6 / 48
19003036	30 x 36	351	683	6 / 36
19003236	32 x 36	351	700	5 / 30
19003436	34 x 36	351	723	5 / 30
19003641	36 x 41	380	990	4 / 24
19004146	41 x 46	430	1395	4 / 16

KT NO.	Size inch	L mm	g	
59000810	1/4 x 5/16	123	28	12 / 576
59001012	5/16 x 3/8	140	39	12 / 576
59001214	3/8 x 7/16	156	65	12 / 288
59001416	7/16 x 1/2	172	78	12 / 288
59001618	1/2 x 9/16	172	78	12 / 288
59001820	9/16 x 5/8	188.5	114	12 / 192
59002022	5/8 x 11/16	204	146	12 / 192
59002224	11/16 x 3/4	221	177	12 / 144
59002628	13/16 x 7/8	237	210	12 / 144
59003032	15/16 x 1	247	258	6 / 72
59003034	15/16 x 1-1/16	263	281	6 / 72
59003236	1 x 1-1/8	279	373	6 / 48
59003640	1-1/8 x 1-1/4	298	481	6 / 48

► MRN / SRN : Tetoron pouch bag

► MR / SR : Nylon pouch bag

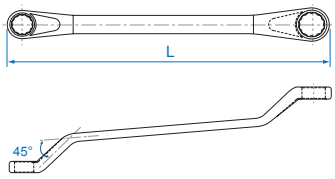
KT NO.	PC.		Contents	Package	Kg	
1106MR	6	1900	8 x 9, 10 x 12, 12 x 14, 14 x 17, 17 x 19, 21 x 23	Nylon	0.83	1 / 24
1108MR	8		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22	Nylon	0.91	1 / 24
1110MR	10		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 24 x 27, 25 x 28	Nylon	1.67	1 / 16
1112MR	12		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 25 x 28, 30 x 32	Nylon	2.35	1 / 10
1112MRN	12			Tetoron		
1108SR	8	5900	1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8	Nylon	0.91	1 / 24
1110SR	10		1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8, 15/16 x 1-1/16, 1 x 1-1/8	Nylon	1.67	1 / 16
1112SR	12		1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8, 15/16 x 1, 15/16 x 1-1/16, 1 x 1-1/8, 1-1/8 x 1-1/4	Nylon	2.5	1 / 10

45° Offset Ring Wrench & Set

KT No. & D1

1960

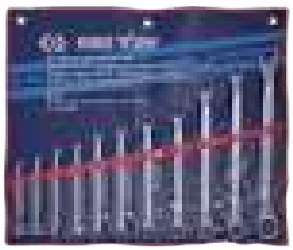
- 45° offset ring
- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN 838
- Inch size-ANSI / ASME B107.6



KT NO.	Size mm	L mm		
19600607	6 x 7	165	45	12 / 360
19600809	8 x 9	175	53	12 / 360
19600810	8 x 10	185	53	12 / 360
19601011	10 x 11	195	60	12 / 360
19601012	10 x 12	185	60	12 / 360
19601113	11 x 13	205	62	12 / 240
19601213	12 x 13	205	62	12 / 240
19601214	12 x 14	220	100	12 / 240
19601415	14 x 15	235	151	12 / 144
19601417	14 x 17	235	151	12 / 144
19601617	16 x 17	240	151	12 / 144
19601719	17 x 19	250	221	6 / 72
19601819	18 x 19	250	222	6 / 72

5960

KT NO.	Size mm / inch	L mm		
19601921	19 x 21	270	340	6 / 72
19602022	20 x 22	270	340	6 / 72
new 19602123	21 x 23	320	460	6 / 48
19602224	22 x 24	320	479	6 / 48
19602326	23 x 26	360	465	6 / 48
new 19602426	24 x 26	360	460	6 / 48
19602427	24 x 27	360	479	6 / 48
19602732	27 x 32	385	580	6 / 36
19603032	30 x 32	392	650	6 / 36
59601214	3/8 x 7/16	185	53	12 / 360
59601618	1/2 x 9/16	220	100	12 / 240
59602022	5/8 x 11/16	240	151	12 / 144
59602428	3/4 x 7/8	270	340	6 / 72
59603032	15/16 x 1	360	465	6 / 48

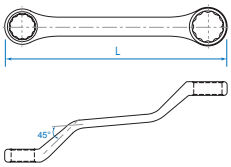


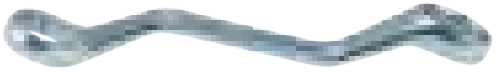
► Nylon pouch bag

KT NO.	PC.		Contents		
1606MR	6	1960	10 x 12, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 23 x 26	1.6	1 / 16
1609MR	9		8 x 9, 10 x 12, 11 x 13, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 22 x 24, 23 x 26	1.93	1 / 8
new 1611MR	11		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 30 x 32	3.0	1 / 16

1961

- Mini type
- 45° offset ring
- Thin wall rings
- Chrome vanadium steel
- Chrome plated
- Metric size-DIN 838





KT NO.	Size mm	L mm		
19610809	8 x 9	112	27.6	12 / 336
19611011	10 x 11	115	42.2	12 / 336
19611213	12 x 13	130	57.6	12 / 240

KT NO.	Size mm	L mm		
19611415	14 x 15	140	84.0	12 / 240
19611617	16 x 17	150	96.8	10 / 200
19611819	18 x 19	157	113.6	6 / 120

1626MR

6 PC.

	Contents		
1961	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19	0.53	1 / 24

► Nylon pouch bag

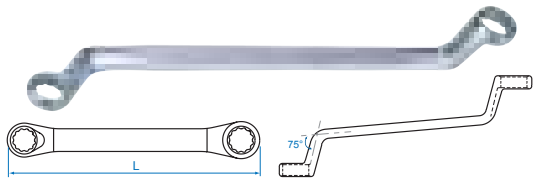
75° Offset Ring Wrench & Set

KT No. & D1

1970

5970

- European slimline type
- 75° deep ring offset
- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN 838
- Inch size-ANSI / ASME B107.6



KT NO.	Size mm	L mm	g	
19700607	6 x 7	168	43	12 / 360
19700809	8 x 9	183	62	12 / 360
19700810	8 x 10	183	62	12 / 360
19701011	10 x 11	198	88	12 / 240
19701012	10 x 12	198	88	12 / 240
19701113	11 x 13	217	131	12 / 144
19701213	12 x 13	217	131	12 / 144
19701214	12 x 14	217	131	12 / 144
19701314	13 x 14	217	131	12 / 144
19701415	14 x 15	239	152	12 / 144
19701417	14 x 17	260	186	6 / 96
19701617	16 x 17	260	189	6 / 96
19701719	17 x 19	292	240	6 / 72
19701819	18 x 19	292	240	6 / 72
19701921	19 x 21	318	330	6 / 60
19701922	19 x 22	318	330	6 / 60
19702022	20 x 22	318	330	6 / 60
19702123	21 x 23	326.5	362	6 / 60
19702224	22 x 24	326	362	6 / 60
19702326	23 x 26	344	436	6 / 48
19702426	24 x 26	329	436	6 / 48
19702427	24 x 27	329	436	6 / 48
19702528	25 x 28	347	488	6 / 48
19703032	30 x 32	362	600	6 / 36

KT NO.	Size inch	L mm	g	
59700810	1/4 x 5/16	168	43	12 / 360
59701012	5/16 x 3/8	183	62	12 / 360
59701214	3/8 x 7/16	198	88	12 / 240
59701416	7/16 x 1/2	217	131	12 / 144
59701618	1/2 x 9/16	217	134	12 / 144
59701820	9/16 x 5/8	260	152	12 / 96
59702022	5/8 x 11/16	260	189	6 / 96
59702224	11/16 x 3/4	292	240	6 / 96
59702428	3/4 x 7/8	318	330	6 / 60
59702628	13/16 x 7/8	326.5	330	6 / 60
59703032	15/16 x 1	329	436	6 / 48
59703436	1-1/16 x 1-1/8	347	488	6 / 48
59703640	1-1/8 x 1-1/4	365	679	6 / 48
59703842	1-3/16 x 1-5/16	362	636	5 / 30

► MRN / SRN : Tetoron pouch bag

► MR / SR : Nylon pouch bag

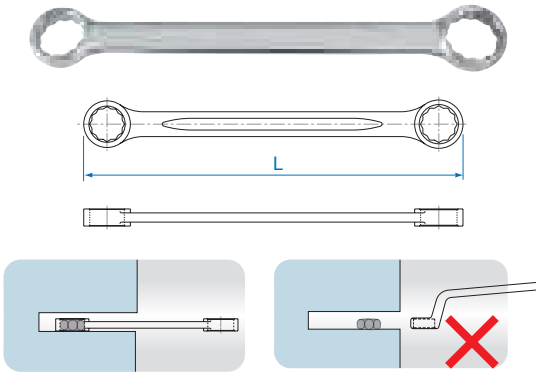
KT NO.	PC.		Contents	Package	Kg	
1706MR	6	1970	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17	Nylon	0.88	1 / 24
1708MR	8		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 21 x 23	Nylon	1.64	1 / 12
1708MR01	8		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22	Nylon	1.52	1 / 12
1710MR	10		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 21 x 23, 24 x 27, 30 x 32	Nylon	2.83	1 / 8
1712MR	12		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 30 x 32	Nylon	3.78	1 / 6
1712MRN	12			Tetoron	3.78	1 / 6
1707SR	7	5970	1/4 x 5/16, 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 3/4 x 7/8, 15/16 x 1, 1-1/16 x 1-1/8	Nylon	2.0	1 / 12

Straight Ring Wrench & Set

KT No. & D1

19C0

- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- DIN 837



KT NO.	Size mm	L mm		
19C00607	6 x 7	121	17	20 / 480
19C00809	8 x 9	137	27	20 / 480
19C01011	10 x 11	154	51	20 / 320
19C01213	12 x 13	164	70	20 / 240
19C01415	14 x 15	182	92	20 / 240
19C01617	16 x 17	211	118	12 / 144
19C01819	18 x 19	226	151	12 / 144
19C02022	20 x 22	240	187	10 / 120
19C02123	21 x 23	255	242	10 / 120
19C02426	24 x 26	270	290	6 / 72
19C02528	25 x 28	285	339	6 / 72
19C03032	30 x 32	335	520	5 / 40

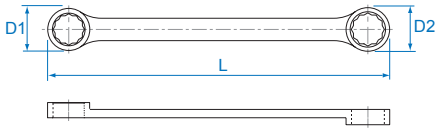
► Nylon pouch bag

KT NO.	PC.		Contents		
1C08MR	6	19C0	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22	0.79	1 / 24
1C12MR	8		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 30 x 32	2.23	1 / 12

0° Offset Ring Wrench

19B0

- Ideal for crowded or confined spaces
- Ultra-compact ring head
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3113

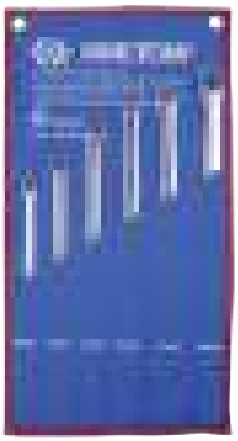


KT NO.	Size mm	D1 mm	D2 mm	L mm		
19B00810	8 x 10	12.5	15	235	72	12 / 240
19B01011	10 x 11	14.3	17	291	95	12 / 192
19B01012	10 x 12	14.3	17	291	95	12 / 192
19B01113	11 x 13	17.8	20.3	328	157	12 / 120
19B01214	12 x 14	17.8	20.3	328	157	12 / 120
19B01315	13 x 15	20.2	23.3	368	217	12 / 96
19B01417	14 x 17	20.2	23.3	368	217	12 / 96
19B01618	16 x 18	23.7	26.6	407	284	12 / 72
19B01719	17 x 19	23.7	26.6	407	284	12 / 72
19B01921	19 x 21	27.5	29.7	415	376	8 / 64
19B02224	22 x 24	31.3	34.0	430	482	6 / 48

0° Offset Ring Wrench Set

1F06MRN

6 PC.



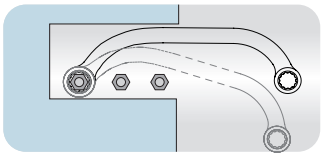
► Tetoron pouch bag

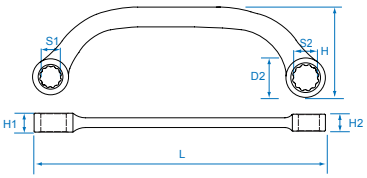
	Contents	Kg	
19B0	10 x 11, 12 x 14, 13 x 15, 16 x 18, 17 x 19, 22 x 24	1.81	1 / 8

Half Moon Ring Wrench & Set

1950

- Short pattern design enables greater access in confined spaces
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3113





KT NO.	Size mm	D1 mm	D2 mm	L mm	H1 mm	H2 mm	H mm	g	
19500810	8 x 10	15.6	14.3	137	6.5	6.2	42	40	12 / 288
19501012	10 x 12	15.6	18.2	141	6.6	6.5	50	55	12 / 288
19501113	11 x 13	18.2	21.0	166	8.2	8.0	63	93	8 / 128
19501214	12 x 14	18.2	21.0	166	8.2	8.0	63	94	8 / 128
19501315	13 x 15	22.0	25.0	190	9.2	8.2	75	126	6 / 72
19501417	14 x 17	22.0	25.0	190	9.2	8.2	75	126	6 / 72
19501618	16 x 18	25.5	28.0	220	9.6	8.8	79	156	6 / 72
19501719	17 x 19	25.5	28.0	220	9.6	8.8	79	174	6 / 72
19501922	19 x 22	28.6	32.5	256	11.1	10.1	91	255	6 / 48

9-1905MR

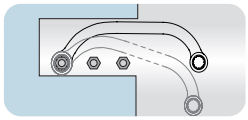
5 PC.

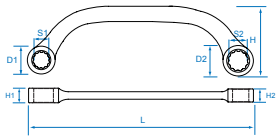
Contents	Kg 0.82	1 / 10
1950	10 x 12, 11 x 13, 14 x 17, 16 x 18, 19 x 22	

Half Moon Ring Wrench

1951

- American type
- Specially designed for starter bolts
- Used mainly in automotive applications for starter motors, inlet and exhaust manifolds
- Chrome vanadium alloy steel
- Chrome plated





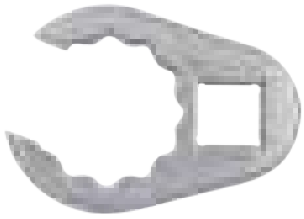
KT NO.	Size mm	D1 mm	D2 mm	L mm	H1 mm	H2 mm	H mm	g	
19510810	8 x 10	12.5	16.5	125	7.0	7.4	36	48.0	12 / 240
19511011	10 x 11	17.5	19	149	8.0	8.5	46	71.4	12 / 240
19511012	10 x 12	17.5	19.0	149	8.0	8.5	46	67.8	12 / 240
19511113	11 x 13	17.5	19.0	149	8.0	8.5	46	76.0	12 / 240
19511214	12 x 14	21.4	23.4	169	8.2	8.4	50	95.4	10 / 120
19511416	14 x 16	21.4	23.4	169	8.2	8.4	50	99.1	10 / 120
19511517	15 x 17	23.5	27.0	194	9.5	10.0	56	151.2	8 / 96
19511719	17 x 19	26.5	27.7	194	9.2	9.6	56	141.4	8 / 96
19511922	19 x 22	29.0	32.3	225	11.0	12.0	66	235.0	5 / 60

Crowfoot Wrench & Set

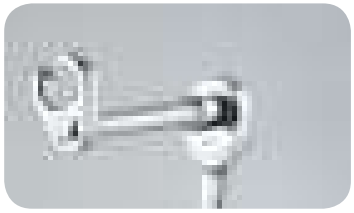
1031

- 12 points
- Chrome vanadium alloy steel
- Chrome plated

KT NO.	Size mm	Drive square	L mm	g	
1031-10R	10	3/8"	37.3	40	12 / 192
1031-11R	11	3/8"	37.3	40	12 / 192
1031-12R	12	3/8"	37.3	40	12 / 192
1031-13R	13	3/8"	37.3	40	12 / 192
1031-14R	14	3/8"	42.3	42	12 / 192
1031-15R	15	3/8"	42.3	44	12 / 192
1031-16R	16	3/8"	42.3	48	12 / 192
1031-17R	17	3/8"	46.0	68	12 / 192
1031-18R	18	3/8"	46.0	63	12 / 192
1031-19R	19	3/8"	46.0	63	12 / 192
1031-22R	22	1/2"	55.0	82	15 / 180
1031-24R	24	1/2"	55.0	74	15 / 180
1031-26R	26	1/2"	61.0	105	15 / 180
1031-27R	27	1/2"	61.0	98	15 / 180
1031-30R	30	1/2"	68.7	136	12 / 144
1031-32R	32	1/2"	69.7	136	12 / 144



- Use to reach limit place with extension bar
- Use with torque wrench and 90° extension bar, will not effectively change the torque value



1E10MR new

KT NO.	Contents	kg		
		17.74		1 / 30
1031	10, 11, 12, 13, 14, 15, 16, 17, 18, 19			

10 PC.

1E11MR new

KT NO.	Contents	kg		
		20.25		1 / 30
1031	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22			

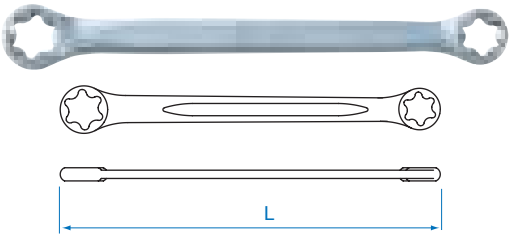
11 PC.

Star Box End Wrench & Set

KT No. & D1

1920

- Chrome vanadium alloy steel
- Chrome plated
- ANSI / ASME B107.6



KT NO.	Size	L mm	g	
19200608	E6 x E8	114.0	18.8	12 / 504
19200711	E7 x E11	126.5	27.4	12 / 504
19201012	E10 x E12	142.5	32.6	12 / 384
19201418	E14 x E18	183.0	86.2	12 / 240
19201622	E16 x E22	205.0	119.0	12 / 192
19202024	E20 x E24	225.0	172.2	12 / 144

1406PR

Metal case size (mm):
280 x 130 x 41 (0.053 cuft)

6 PC.

Contents — 0.46 kg — 1 / 15

1920	E6 x E8, E7 x E11, E10 x E12, E14 x E18, E16 x E22, E20 x E24

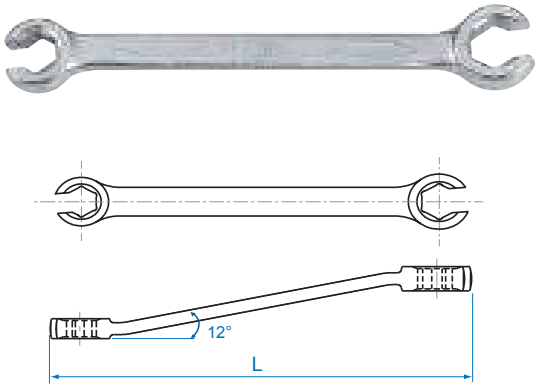
Flare Nut Wrench

KT No. & D1

1930

5930

- 6 points
- 12° ring offset
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN 3118
- Inch size-ANSI / ASME B107.6



KT NO.	Size mm	L mm	g	
19300810	8 x 10	130	53	12 / 216
19300911	9 x 11	150	55	12 / 216
19301011	10 x 11	150	78	12 / 192
19301012	10 x 12	150	74	12 / 192
19301113	11 x 13	170	106	12 / 144
19301213	12 x 13	170	104	12 / 144
19301214	12 x 14	170	102	12 / 144
19301315	13 x 15	178	125	12 / 144
19301417	14 x 17	190	132	12 / 144
19301719	17 x 19	210	170	8 / 128
19301922	19 x 22	230	218	9 / 108

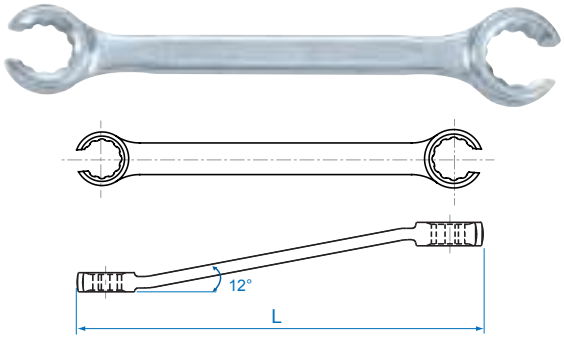
KT NO.	Size inch	L mm	g	
59301012	5/16 x 3/8	130	53	12 / 216
59301214	3/8 x 7/16	150	78	12 / 192
59301618	1/2 x 9/16	180	102	12 / 144
59301820	9/16 x 5/8	190	132	12 / 144
59302224	11/16 x 3/4	210	170	6 / 96
59302428	3/4 x 7/8	230	218	6 / 72

Flare Nut Wrench & Set

1931

- 12 points
- 12° ring offset
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3118

KT NO.	Size mm	L mm		
19312224	22 x 24	250	310	6 / 72
19312427	24 x 27	270	359	6 / 48
19313032	30 x 32	290	471	5 / 40



► MRN / SRN : Tetoron pouch bag

► MR / SR : Nylon pouch bag

KT NO.	PC.	Contents	Package		
1306MR	6	1930: 8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19, 19 x 22	Nylon	0.90	1 / 30
1306MRN	6		Tetoron	0.90	1 / 30
1306SR	6	5930: 5/16 x 3/8, 3/8 x 7/16, 1/2 x 9/16, 9/16 x 5/8, 11/16 x 3/4, 3/4 x 7/8	Nylon	0.86	1 / 30
1306CR	6	1930: 8 x 10, 11 x 13, 12 x 14, 17 x 19 5930: 3/8 x 7/16, 1/2 x 9/16	Nylon	0.74	1 / 12

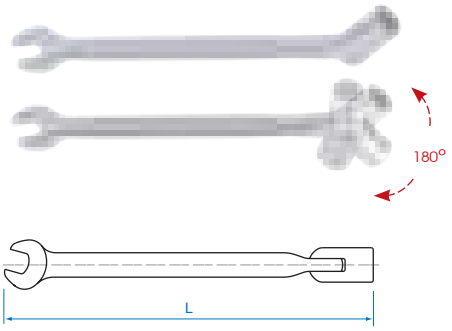
Flexible Head Wrench & Set

KT No. & D1

1020

- Combination flexible head wrench with 12 points thin wall socket
- 180° swiveling head for better accessibility
- Chrome vanadium alloy steel
- Chrome plated

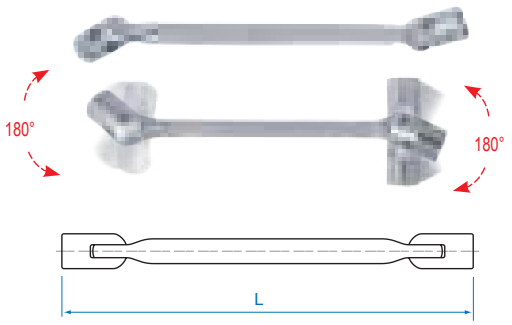
KT NO.	Size mm	L mm		
1020-08	8	170	65	10 / 180
1020-09	9	170	65	10 / 180
1020-10	10	180	75	10 / 160
1020-11	11	188	105	10 / 160
1020-12	12	190	114	10 / 120
1020-13	13	206	140	10 / 120
1020-14	14	225	186	10 / 120
1020-15	15	225	195	6 / 72
1020-16	16	234	234	6 / 72
1020-17	17	234	234	4 / 48
1020-18	18	252	307	4 / 48
1020-19	19	250	307	4 / 48

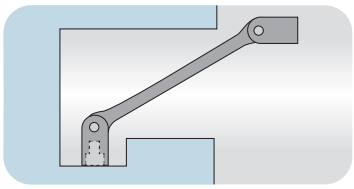


1910

- Double end flexible head wrench with 12 points thin wall socket
- 180° swiveling head for better accessibility
- Chrome vanadium alloy steel
- Chrome plated

KT NO.	Size mm	L mm		
19100607	6 x 7	182	72	12 / 216
19100809	8 x 9	182	78	12 / 216
19100810	8 x 10	185	85	10 / 160
19101011	10 x 11	200	115	10 / 160
19101012	10 x 12	205	119	10 / 120
19101213	12 x 13	220	155	10 / 120
19101214	12 x 14	225	175	10 / 80
19101415	14 x 15	240	235	10 / 120
19101417	14 x 17	244	245	10 / 120
19101617	16 x 17	259	330	10 / 80
19101719	17 x 19	260	330	10 / 80
19101819	18 x 19	275	410	6 / 54
19101921	19 x 21	300	535	6 / 36
19102022	20 x 22	305	595	6 / 36
19102123	21 x 23	305	640	6 / 36
19102427	24 x 27	335	775	6 / 24





► Nylon pouch bag

KT NO.	PC.		Contents		
1B06MR	6	1020	10, 12, 13, 14, 17, 19	1.06	1 / 24
1A06MR	6	1910	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19	1.49	1 / 16

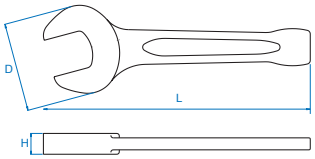
Slogging Wrench

CAUTION

Please wear proper safety gear while working.

10A0

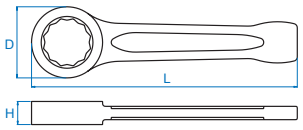
- Open end slogging
- Finished with phosphate sunk
- DIN 133



KT NO.	Size mm	L mm	D mm	H mm	g	
10A0-24	24	178	52	15	302	6 / 72
10A0-27	27	180	55	16	320	6 / 72
10A0-30	30	190	60	16	400	6 / 60
10A0-32	32	190	61	17	418	6 / 60
10A0-36	36	215	72	17	600	6 / 24
10A0-41	41	233	83	19	902	5 / 20
10A0-46	46	255	94	20	1122	4 / 16
10A0-50	50	275	105	22	1555	2 / 16
10A0-55	55	298	115	24	2015	2 / 12
10A0-60	60	320	127	24	2515	1 / 10
10A0-65	65	340	138	27	3260	1 / 8
10A0-70	70	370	156	32	4390	1 / 5
10A0-75	75	372	153	31	4140	1 / 5
10A0-80	80	395	175	33	6820	1 / 4
10A0-85	85	395	175	33	6300	1 / 4
10A0-90	90	440	197	38	9270	1 / 2
10A0-95	95	440	197	38	8700	1 / 2
10A0-A0	100	480	230	45	10500	1 / 2
10A0-A5	105	480	230	45	10300	1 / 2
10A0-B0	110	505	238	47	14420	1 / 1
10A0-B5	115	505	250	53	14420	1 / 1
10A0-C0	120	530	258	53	15450	1 / 1
10A0-C5	125	515	251	43	15015	1 / 1

10B0

- Ring slogging
- Finished with phosphate sunk
- DIN 7444



KT NO.	Size mm	L mm	D mm	H mm	g	
10B0-24	24	162	42	16	239	6 / 72
10B0-26	26	180	46	17	247	6 / 72
10B0-27	27	180	46	17	247	6 / 72
10B0-30	30	190	52	18	354	6 / 72
10B0-32	32	190	52	18	404	6 / 60
10B0-36	36	205	58	19	499	6 / 36
10B0-41	41	230	66	21	658	6 / 24
10B0-46	46	240	74	23	886	4 / 16
10B0-50	50	250	78	24	1125	4 / 16
10B0-55	55	265	85	25	1330	2 / 16
10B0-60	60	275	92	26	1245	2 / 12
10B0-65	65	295	100	27	1875	2 / 12
10B0-70	70	325	109	33	2965	1 / 8
10B0-75	75	325	111	34	2735	1 / 8
10B0-80	80	345	126	36	3675	1 / 6
10B0-85	85	345	130	36	3710	1 / 6
10B0-90	90	380	152	40	5850	1 / 4
10B0-95	95	380	152	40	5350	1 / 4
10B0-A0	100	410	155	43	6445	1 / 4
10B0-A5	105	415	172	45	6500	1 / 3
10B0-B0	110	440	172	47	8000	1 / 3
10B0-B5	115	440	172	47	7500	1 / 3
10B0-C0	120	480	194	53	9000	1 / 2

Heavy Duty Offset Ring Wrench

10C0

- To be used with extension tubes item "11"
- Chrome vanadium alloy steel
- Chrome plated

KT NO.	Size mm	L mm	Applied tube	g	
10C0-24	24	178	111946	450	6 / 48
10C0-27	27	188	111946	500	6 / 48
10C0-30	30	198	111946	580	4 / 36
10C0-32	32	233	112261	810	4 / 24
10C0-36	36	241	112261	870	4 / 24
10C0-41	41	260	112261	1100	2 / 16
10C0-46	46	277	112576	1400	2 / 16
10C0-50	50	287	112576	1600	2 / 16
10C0-55	55	298	112576	1800	1 / 12
10C0-60	60	345	113086	2800	1 / 9
10C0-65	65	356	113086	3200	1 / 4

11

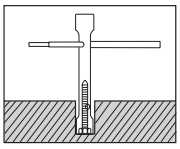
- Tube for item 10C0
- Chrome plated

KT NO.	⌀ mm	L mm	Applied wrench size	g	
111946	19	460	24mm, 27mm, 30mm	1050	20
112261	22	610	32mm, 36mm, 41mm	1450	16
112576	24	760	46mm, 50mm, 55mm	2400	6
113086	30	860	60mm, 65mm	2610	4

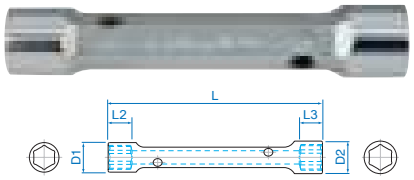
End Tubular Wrench

19A0

- Chrome vanadium alloy steel
- Chrome plated

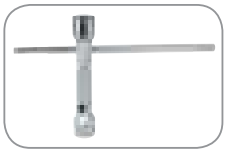


- Double end socket wrench for the hollow tube design, a long-type screw may be used.

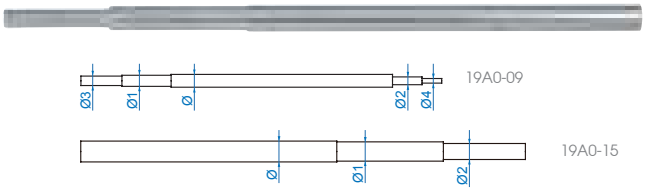


KT NO.	mm	D1 mm	D2 mm	L2 mm	L3 mm	L mm	g	
19A00607	6 x 7	10	11	5	6	105	44	30 / 180
19A00809	8 x 9	13	14	6	7	110	60	30 / 180
19A01011	10 x 11	15	16	7.5	8	120	79	24 / 144
19A01213	12 x 13	18	19	9	9.5	140	142	18 / 144
19A01415	14 x 15	20	22	10	11	145	138	12 / 96
19A01617	16 x 17	23	24	11	12	155	190	10 / 90
19A01819	18 x 19	25	26	13	15	165	243	8 / 72
19A02022	20 x 22	28	30	15	16	170	288	8 / 72
19A02123	21 x 23	29	31	15	17	185	318	6 / 54
19A02426	24 x 26	33	35	19	21	190	396	4 / 36
19A02528	25 x 28	34	37	19	21	205	511	4 / 24
19A02729	27 x 29	37	39	21	22	210	595	2 / 12
19A03032	30 x 32	40	42	22	26	210	671	2 / 12

19A0-09



19A0-15



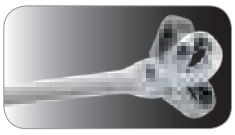
KT NO.	L mm	Ø mm	Ø1 mm	Ø2 mm	Ø3 mm	Ø4 mm	Applied to socket wrench sizes
19A0-09	220	7.8	6.75	4.75	5.75	2.8	19A00607~19A02022
19A0-15	300	12.7	11.75	9.75	-	-	19A02123~19A03032

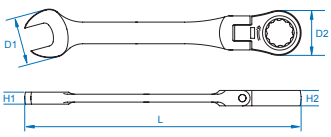
Flexible Speed Wrench

KT No. & D1

3730M

- Flexible head, open end and ratchet ring - wrench
- 5° gear action (72 teeth)





- Chrome vanadium alloy steel
- Chrome plated

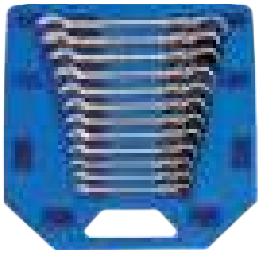
KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
373008M	8	16.2	16.7	4.3	6.5	127.0	40	12 / 432
373009M	9	18.2	18.6	4.6	6.9	131.5	40	12 / 384
373010M	10	20.3	20.0	5.0	7.3	136.0	60	12 / 384
373011M	11	22.5	21.8	5.4	7.7	141.0	60	10 / 320
373012M	12	24.3	23.0	5.8	8.2	147.5	80	10 / 240
373013M	13	26.8	25.2	6.1	8.6	154.0	100	10 / 240
373014M	14	28.7	26.8	6.4	9.0	160.0	100	10 / 200
373015M	15	30.5	28.3	6.9	9.4	169.0	120	10 / 160
373016M	16	32.9	29.8	7.2	9.9	179.0	160	10 / 160
373017M	17	34.5	31.8	7.6	10.3	190.0	180	10 / 160
373018M	18	37.0	32.8	8.0	10.7	203.0	200	10 / 160
373019M	19	39.2	33.9	8.6	11.2	215.0	220	10 / 80

Flexible Speed Wrench & Set

13012MR

Blow case size (mm) :
275 x 310 x 65 (1.68 Cuft)

12 PC.



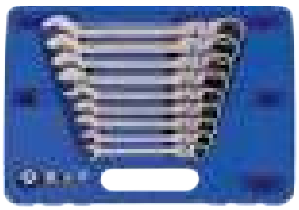
Contents — 2.17 kg — 1 / 6

3730M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

13013MR

Blow case size (mm) :
303 x 228 x 50 (1.35 Cuft)

13 PC.



Contents — 1.66 kg — 1 / 8

3730M	8, 10, 12, 13, 14, 16, 17, 18, 19

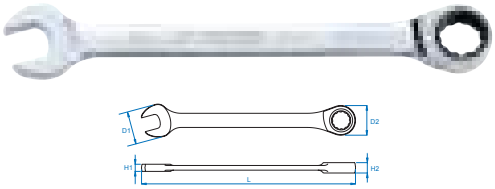
373202H 373202R 373203R 373204R

KT No. & D1

Speed Wrench

3731M

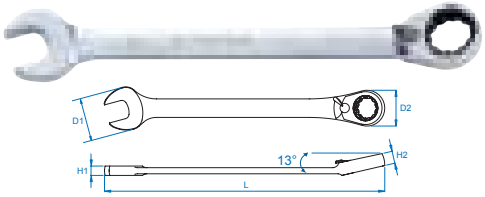
- Open end and ratchet ring -wrench
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated



KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
373108M	8	16.7	17.0	4.0	6.5	140.0	25	12 / 384
373109M	9	18.7	18.6	4.4	6.9	149.0	35	12 / 384
373110M	10	20.8	20.2	4.8	7.3	158.0	40	12 / 240
373111M	11	23.0	22.0	5.2	7.7	165.0	60	12 / 240
373112M	12	24.6	23.4	5.5	8.2	171.0	75	12 / 240
373113M	13	26.8	25.5	5.8	8.6	178.0	80	10 / 160
373114M	14	29.0	26.9	6.2	9.0	190.0	100	10 / 160
373115M	15	31.0	28.3	6.5	9.4	199.0	115	10 / 160
373116M	16	33.0	29.8	6.8	9.9	208.0	135	10 / 160
373117M	17	35.5	31.8	7.2	10.3	225.0	165	6 / 60
373118M	18	37.5	32.7	7.7	10.7	236.0	195	6 / 60
373119M	19	39.4	34.0	8.2	11.2	247.0	225	6 / 60
373121M	21	45.8	40.1	9.0	13.0	287.8	320	6 / 54
373122M	22	45.8	40.1	9.0	13.0	287.8	340	6 / 54
373124M	24	51.8	46.5	10.0	14.5	321.0	475	6 / 54
new 373127M	27	56.4	52.4	10.5	15.5	356.6	580	6 / 36
new 373130M	30	62.7	58.1	11.4	17.0	400.7	860	4 / 24
new 373132M	32	66.4	61.9	12.5	17.5	423.5	1060	4 / 24

3732M 3732S

- Open end and ratchet ring - wrench
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated
- Take-up:13°
- Reversible



KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
new 373207M	7	16.7	16.6	4.6	6.5	140	20	12 / 384
373208M	8	16.7	16.6	4.6	6.5	140	20	12 / 384
373209M	9	18.8	18.4	4.9	6.9	150	25	12 / 384
373210M	10	20.8	20.0	5.3	7.3	159	40	12 / 240
373211M	11	23.0	21.8	5.6	7.7	165	60	12 / 240
373212M	12	25.0	22.7	6.0	8.2	172	75	12 / 240
373213M	13	27.1	24.7	6.4	8.6	178	95	10 / 160
373214M	14	29.2	27.0	6.8	9.0	191	110	10 / 160
373215M	15	31.3	28.3	7.0	9.4	200	120	10 / 160
373216M	16	33.4	30.0	7.2	9.9	208	160	10 / 60
373217M	17	35.5	31.8	7.7	10.3	226	175	6 / 60
373218M	18	37.6	32.6	8.2	10.7	237	205	6 / 60
373219M	19	39.7	33.8	8.8	11.2	248	220	6 / 60
373221M	21	46.0	40.0	9.0	13.0	290	320	6 / 54
373222M	22	46.0	40.0	9.0	13.0	290	320	6 / 54
373224M	24	52.2	46.0	10.0	14.5	323	465	6 / 54

KT NO.	Size inch	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
373210S	5/16	16.7	16.6	4.6	6.5	140	20	12 / 384
373212S	3/8	20.8	20.0	5.3	7.3	159	40	12 / 240
373214S	7/16	23.8	21.8	5.6	7.7	165	60	12 / 240
373216S	1/2	27.1	24.7	6.4	8.6	178	95	10 / 160
373218S	9/16	29.2	27.0	6.8	9.0	191	110	10 / 160
373220S	5/8	33.4	30.0	7.2	9.9	208	160	10 / 60
373222S	11/16	35.5	31.8	7.7	10.3	226	175	6 / 60
373224S	3/4	39.7	33.8	8.8	11.2	248	220	6 / 60
373228S	7/8	46.0	40.0	9.0	13.0	290	320	6 / 54
373230S	15/16	52.5	46.0	10.0	14.5	323	465	6 / 54

Speed Wrench Set

► Tetoron pouch bag

KT NO.	PC.		Contents	Kg	
12107MRN	7	3731M	10, 11, 12, 14, 15, 17, 19	0.91	1 / 24
12107MRN01	7		8, 10, 11, 12, 13, 17, 19	0.84	1 / 24
12114MRN	14		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	2.50	1 / 12
12112MRN	12		8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24	1.95	1 / 8
12207MRN	7	3732M	10, 11, 12, 14, 15, 17, 19	0.91	1 / 24
12207MRN01	7		8, 10, 11, 12, 13, 17, 19	0.91	1 / 24
12214MRN	14		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	2.50	1 / 12
12212MRN	12		8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24	2.06	1 / 8
12207SRN	7	3732S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	0.91	1 / 24

13113MR

Blow case size (mm) :
303 x 228 x 50 (1.35 Cuft)

13213MR

13 PC.

13113MR

13213MR

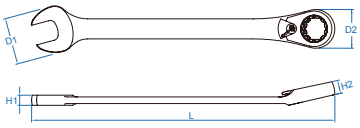
KT NO.	Contents		Kg 1.64	1 / 8
13113MR	3731M	8, 10, 12, 13, 14, 16, 17, 18, 19	373202H	373202R	373203R	373204R
13213MR	3732M					

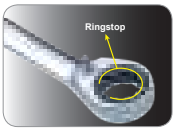
Ringstop Speed Wrench

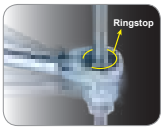
373AM

- Ringstop function
- Open end and ratchet ring - wrench
- 5° gear action (72 teeth)
- Reversible
- Take - up: 13°
- Chrome vanadium alloy steel
- Chrome plated

KT No. & D1







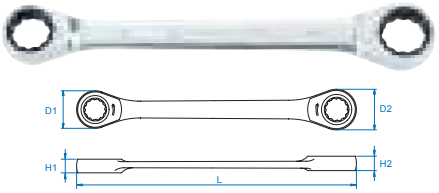
KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
373A08M	8	16.7	16.6	4.6	6.5	140	20	12 / 384
373A10M	10	20.8	20.0	5.3	7.3	159	40	12 / 240
373A12M	12	25.0	22.7	6.0	8.2	172	75	12 / 240
373A13M	13	27.1	24.7	6.4	8.6	178	95	10 / 160
373A14M	14	29.2	27.0	6.8	9.0	191	110	10 / 160
373A17M	17	35.5	31.8	7.7	10.3	226	175	6 / 60
373A19M	19	39.7	33.8	8.8	11.2	248	220	6 / 60

Double End Speed Wrench

KT No. & D1

3736M

- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated

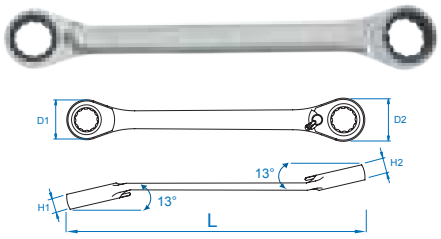


KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
37360809M	8 x 9	16.8	20.2	6.5	6.9	128	45	10 / 320
37361011M	10 x 11	20.2	21.8	7.3	7.7	150	65	10 / 200
37361013M	10 x 13	20.2	24.8	7.3	8.6	150	70	10 / 200
37361213M	12 x 13	23.0	24.8	8.2	8.6	170	100	10 / 200
37361415M	14 x 15	26.5	29.5	9.0	9.4	190	120	10 / 160
37361618M	16 x 18	29.5	33.5	9.9	10.7	210	190	10 / 120
37361719M	17 x 19	31.5	33.5	10.3	11.2	230	210	10 / 120

Double End Speed Wrench & Set

3737M

- 5° gear action (72 teeth)
- Reversible
- Take-up:13°
- Chrome vanadium alloy steel
- Chrome plated



KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
37370607M	6 x 7	14.2	17.2	6.3	6.5	115	36	10 / 320
37370809M	8 x 9	16.8	20.2	6.5	6.9	128	45	10 / 320
37371011M	10 x 11	20.2	21.8	7.3	7.7	150	61	10 / 200
37371213M	12 x 13	23.0	24.8	8.2	8.6	170	90	10 / 200
37371415M	14 x 15	26.5	29.5	9.0	9.4	190	130	10 / 160
37371618M	16 x 18	29.5	33.5	9.9	10.7	210	183	10 / 120
37371719M	17 x 19	31.5	33.5	10.3	11.2	230	209	10 / 120
37372123M	21 x 23	40.0	46.0	13	14.5	260	408	8 / 64
37372224M	22 x 24	40.0	46.0	13	14.5	260	397	8 / 64

12706MR

6 PC.

KT NO.	Contents	kg	
3737M	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18, 17 x 19	0.72	1 / 16

12709MRN

9 PC.

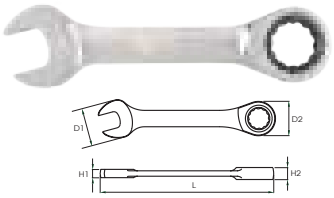
► Tetoron pouch bag

KT NO.	Contents	kg	
3737M	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18, 17 x 19, 21 x 23, 22 x 24	1.50	1 / 16

Stubby Speed Wrench & Set

3738M

- Open-ended and ratchet ring-wrench
- 5˚ gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated

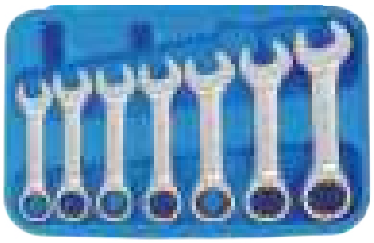


KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
373810M	10	22.0	21.5	4.6	7.6	95	47	15 / 360
373811M	11	23.8	23.0	5.1	8.0	103	55	15 / 360
373812M	12	26.0	24.8	5.3	8.5	106	65	15 / 360
373813M	13	27.5	26.1	5.6	8.7	108	75	15 / 360
373814M	14	30.5	27.6	6.0	9.3	115	88	15 / 360
373815M	15	31.8	29.2	6.3	9.9	119	104	15 / 360
373816M	16	34.0	30.9	6.5	10.0	123	111	10 / 200
373817M	17	36.0	32.3	7.0	10.6	127	143	10 / 200
373819M	19	40.2	35.5	8.0	11.7	139	183	10 / 120

12807MR

Blow case size (mm) :
245 x 165 x 52 (1.21 Cuft)

7 PC.



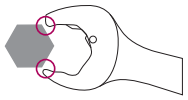
Contents	0.92	1 / 10
3738M	10, 12, 13, 14, 15, 17, 19 mm	

KT No. & D1

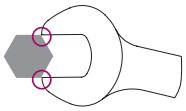
Open-side Speed Wrench & Set

3721M

- Open-side speed wrench
- Torque rating exceeds ANSI specifications by 30% plus
- The special ratcheting open end design will not slip off the screw when torque is applied
- Chrome vanadium alloy steel
- Chrome plated



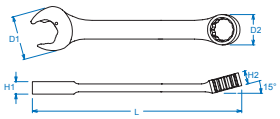
Open-side speed wrench

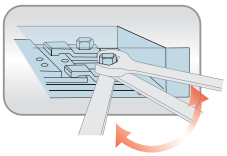


Combination wrench 17mm

KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
372108M	8	17.8	13.3	5.0	6.0	136	38	12 / 384
372110M	10	22.2	16.6	6.0	7.2	161	60	12 / 288
372111M	11	25.4	17.5	6.6	7.4	168	68	12 / 288
372112M	12	26.3	19.2	7.5	7.9	174	83	12 / 288
372113M	13	28.2	20.3	7.9	8.6	180	100	10 / 240
372114M	14	31.5	21.3	8.5	9.2	193	123	10 / 120
372115M	15	32.8	23.6	8.5	9.7	200	143	10 / 120
372116M	16	34.9	23.6	9.0	10.8	207	171	10 / 120
372117M	17	37.4	28.1	9.5	10.9	227	191	10 / 100
372118M	18	39.0	28.0	9.8	11.2	239	220	10 / 100
372119M	19	41.2	29.3	9.8	12.2	250	250	6 / 60

3721S





KT NO.	Size inch	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
372110S	5/16	17.8	13.3	5.0	6.0	136	38	12 / 384
372112S	3/8	22.2	16.6	6.0	7.2	161	59	12 / 288
372114S	7/16	25.4	17.5	6.6	7.4	168	68	12 / 288
372116S	1/2	28.2	20.3	7.9	8.6	180	97	10 / 240
372118S	9/16	31.5	21.3	8.5	9.2	193	120	10 / 120
372120S	5/8	34.9	25.6	9.0	10.8	207	163	10 / 120
372122S	11/16	37.4	28.1	9.5	10.9	227	184	10 / 100
372124S	3/4	41.2	29.3	9.8	12.2	250	246	6 / 60

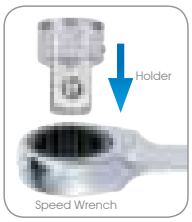
► Tetoron pouch bag

KT NO.	PC.	Contents		kg	
14111MRN	11	3721M	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	1.59	1 / 12
14108SRN	8	3721S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	1.11	1 / 16

Speed Wrench Adaptor

3732H / 3732R

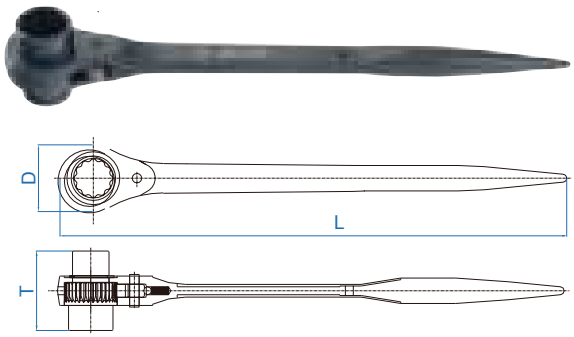
KT NO.	Apply to speed wrench		Function
373202H		10 mm	1/4" Bit
373202R		10 mm	1/4" drive
373203R		13 mm	3/8" drive
373225H		13 mm	5/16" Bit
373204R		19 mm	1/2" drive



Podger Ratchet Wrench

1500 new

- Double sizes ratchet head
- Reversible switch for tightening and loosening the screw
- Taper end bar
- For scaffolding construction work
- 32 teeth

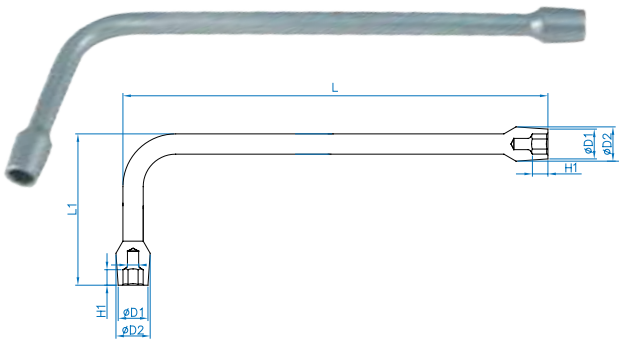


KT NO.	mm	T mm	D mm	L mm		
15001012P	10 x 12	38	31	241	209.4	2 / 120
15001113P	11 x 13	38	31	241	209.4	2 / 120
15001214P	12 x 14	38	31	241	220	2 / 120
15001317P	13 x 17	45	34	280	280	2 / 90
15001415P	14 x 15	45	34	280	280	2 / 90
15001417P	14 x 17	45	34	280	280	2 / 90
15001719P	17 x 19	50	42	320	506	2 / 40
15001721P	17 x 21	50	42	320	506	2 / 40
15001921P	19 x 21	50	42	320	506	2 / 40
15001922P	19 x 22	50	42	320	506	2 / 40
15001924P	19 x 24	56	51.5	365	820	2 / 24
15002123P	21 x 23	56	51.5	365	820	2 / 24
15002224P	22 x 24	56	51.5	365	830	2 / 24
15002326P	23 x 26	56	51.5	365	830	2 / 24
15002427P	24 x 27	56	51.5	365	830	2 / 24
15002430P	24 x 30	63	61.5	402	1150	2 / 16
15002632P	26 x32	63	61.5	402	1150	2 / 16
15002730P	27 x 30	63	61.5	402	1150	2 / 16
15002732P	27 x 32	63	61.5	402	1150	2 / 16
15003032P	30 x 32	63	61.5	402	1150	2 / 16
15003236P	32 x 36	67	67	450	1525	2 / 8
15003638P	36 x 38	67	67	450	1525	2 / 8
15003641P	36 x 41	67	67	450	1525	2 / 8
15003841P	38 x 41	67	67	450	1470	2 / 8

Angled Socket Wrench & Set

1084 5084

- Conic profile and thin walled
- Convenient to facilitate the force-depth objects
- High quality steel, chrome plated



KT NO.	mm	D1 mm	D2 mm	H1 mm	L1 mm	L mm		
1084-08	8	12.5	14.0	10	88	230	191	12 / 48
1084-09	9	14.0	15.5	10	88	230	191	12 / 48
1084-10	10	15.0	16.5	10	88	230	191	10 / 40
1084-11	11	16.0	17.5	11	88	230	294	10 / 40
1084-12	12	17.4	19.5	12	98	245	311	6 / 30
1084-13	13	18.9	21.0	12	98	245	395	6 / 30
1084-14	14	19.8	22.0	12	98	260	350	6 / 24
1084-15	15	21.7	24.0	13	98	260	391	6 / 24
1084-16	16	22.2	24.5	13	98	260	388	6 / 24
1084-17	17	24.5	27.0	14	98	260	488	6 / 24
1084-18	18	25.5	28.0	15	98	260	567	6 / 24
1084-19	19	27.1	30.0	15	98	260	595	6 / 24

KT NO.	inch	D1 mm	D2 mm	H1 mm	L1 mm	L mm		
5084-16	1/2	18.9	21.0	23	12	245	320	6 / 30
5084-18	9/16	19.8	22.0	23	12	260	336	6 / 24

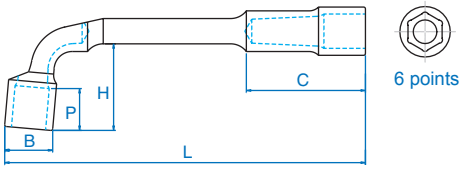
► Nylon pouch bag

KT NO.	PC.		Contents	Kg	
1839MR	9	1084	8, 10, 11, 12, 13, 14 ,15, 17, 19	3.2	1 / 6
1842MR	12		8, 9, 10, 11, 12, 13, 14 ,15, 16, 17, 18, 19	4.2	1 / 6

Angled Socket Wrench

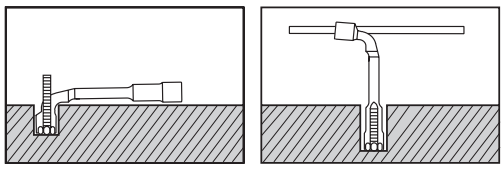
1080

- Angle and through-hole design
- Deep concave at one side and open end socket at the other, easily fit over protruding studs
- High quality steel, chrome plated
- ISO 2236



6 points

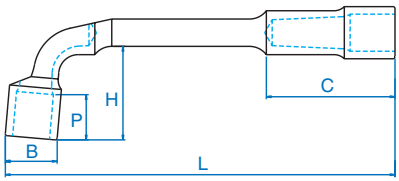
12 points



KT NO.	mm	B mm	P mm	H mm	C mm	L mm		
1080-06	6	11.0	7.0	18.5	29	110	55	12 / 240
1080-07	7	11.5	8.0	21.0	30.5	114	60	12 / 240
1080-08	8	13.0	10.0	21.5	30	120	62	12 / 216
1080-09	9	14.0	10.0	22.0	33	125	65	12 / 216
1080-10	10	15.0	11.0	25.5	35	131	100	6 / 60
1080-11	11	16.5	12.0	26.5	37	137	115	6 / 60
1080-12	12	17.5	12.0	27.0	40	144	155	6 / 60
1080-13	13	19.0	14.0	30.0	47	152.5	180	6 / 60
1080-14	14	20.0	14.0	33.0	48	160	185	6 / 60
1080-15	15	21.5	15.0	35.0	50	174	210	6 / 60
1080-16	16	22.5	17.0	39.5	54	185	285	6 / 60
1080-17	17	24.0	18.0	39.5	56	197	315	6 / 60
1080-18	18	25.0	19.5	42.0	58	211	370	4 / 40
1080-19	19	26.5	20.5	45.0	62	218	425	4 / 40
1080-20	20	27.5	21.5	45.0	63	222	445	2 / 20
1080-21	21	29.0	23.5	49.0	65	231	495	2 / 20
1080-22	22	30.0	23.5	49.0	67	247	530	2 / 16
1080-23	23	31.5	24.5	54.0	74	255	610	2 / 16
1080-24	24	32.5	25.5	56.0	77	266	670	2 / 16
1080-25	25	34.0	25.5	58.0	79	278	780	2 / 16
1080-26	26	35.0	25.5	59.0	80	289	805	2 / 16
1080-27	27	36.5	27.5	59.0	84	299	975	2 / 16
1080-28	28	37.5	27.5	60.0	86	310	1005	2 / 16
1080-29	29	39.0	28.5	62.0	90	319	1060	2 / 16
1080-30	30	40.0	28.5	65.0	93	332	1290	2 / 12
1080-32	32	42.5	28.5	69.0	95	353	1410	2 / 12

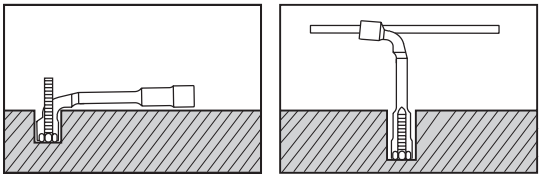
1081

- Angle and through-hole design
- Deep concave at one side and open end socket at the other, easily fit over protruding studs
- High quality steel, chrome plated
- ISO 2236



6 points

6 points



KT NO.	mm	B mm	P mm	H mm	C mm	L mm		
1081-06	6	11.0	7.0	18.5	29	110	55	12 / 240
1081-07	7	11.5	8.0	21.0	30.5	114	60	12 / 240
1081-08	8	13.0	10.0	21.5	30	120	62	12 / 216
1081-09	9	14.0	10.0	22.0	33	125	65	12 / 216
1081-10	10	15.0	11.0	25.5	35	131	100	6 / 60
1081-11	11	16.5	12.0	26.5	37	137	115	6 / 60
1081-12	12	17.5	12.0	27.0	40	144	155	6 / 60
1081-13	13	19.0	14.0	30.0	47	152.5	180	6 / 60
1081-14	14	20.0	14.0	33.0	48	160	185	6 / 60
1081-15	15	21.5	15.0	35.0	50	174	210	6 / 60
1081-16	16	22.5	17.0	39.5	54	185	285	6 / 60
1081-17	17	24.0	18.0	39.5	56	197	315	6 / 60
1081-18	18	25.0	19.5	42.0	58	211	370	4 / 40
1081-19	19	26.5	20.5	45.0	62	218	425	4 / 40
1081-20	20	27.5	21.5	45.0	63	222	445	2 / 20
1081-21	21	29.0	23.5	49.0	65	231	495	2 / 20
1081-22	22	30.0	23.5	49.0	67	247	530	2 / 16
1081-23	23	31.5	24.5	54.0	74	255	610	2 / 16
1081-24	24	32.5	25.5	56.0	77	266	670	2 / 16
1081-25	25	34.0	25.5	58.0	79	278	780	2 / 16
1081-26	26	35.0	25.5	59.0	80	289	805	2 / 16
1081-27	27	36.5	27.5	59.0	84	299	975	2 / 16
1081-28	28	37.5	27.5	60.0	86	310	1005	2 / 16
1081-29	29	39.0	28.5	62.0	90	319	1060	2 / 16
1081-30	30	40.0	28.5	65.0	93	332	1290	2 / 12
1081-32	32	42.5	28.5	69.0	95	353	1410	2 / 12

Angled Socket Wrench Set

► MRN / SRN : Tetoron pouch bag

► MR / SR : Nylon pouch bag

► Color box

KT NO.	PC.		Contents	Package	Kg	
1805MR	5		10, 11, 13, 14, 17	Color box	1.12	1 / 22
1808MR	8	1080	8, 10, 11, 12, 13, 14, 17, 19	Nylon	1.73	1 / 18
1812MR	12		8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24	Nylon	3.38	1 / 4
1826MR	26		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	Color box	14.0	1 / 2
1912MR	12	1081	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24	Nylon	3.38	1 / 4
1912MRN	12			Tetoron	3.38	1 / 4
1926MR	26		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	Color box	15.0	1 / 2

Adjustable Wrench

3611

- Chrome vanadium alloy steel
- Polish, phosphate & chrome plated
- DIN 3117

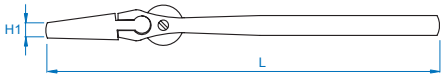
3611R

3611HR

3611P

3611HP

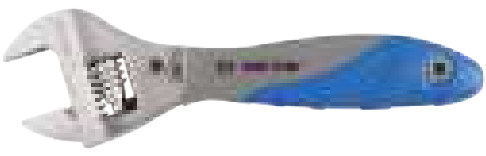
KT NO.	mm	H1 mm	L mm		
3611-06R	20	7	150	125	12 / 108
3611-08R	25	8	200	226	12 / 48
3611-10R	30	11	250	430	10 / 60
3611-12R	35	13	300	680	5 / 40
3611-06P	20	7	150	125	12 / 108
3611-08P	25	8	200	226	12 / 48
3611-10P	30	11	250	430	10 / 60
3611-12P	35	13	300	680	5 / 40



KT NO.	mm	H1 mm	L mm		
3611-15HR	43	13	365	1485	1 / 20
3611-18HR	52	18	450	1750	1 / 6
3611-24HR	62	23	600	3343	1 / 6
3611-15HP	43	13	365	1485	1 / 20
3611-18HP	52	18	450	1750	1 / 6
3611-24HP	62	23	600	3343	1 / 6

3631-10R

- Chrome vanadium alloy steel
- Magic button to switch ratchet function on/ off
- Wider jaw opening, comfortable & durability
- Excellent in each movement of knurl, tension enhanced and precise
- Patented, more than 130% of ASME



KT NO.	mm	Overall length mm		
3631-10R	32	257	470	6 / 36

Double Sides Self-Adjusting Wrench

3616-10 new

- Self-locking function grip, ideal for fastener 8~32mm.
- Anti-slip teeth effective on worn screws.
- Slim jaw allows for working in confined area.
- Multi-purpose to all shape of fastener

- Spline 12 points
- Square
- Torx
- Hexagon
- 70% Rounded bolt

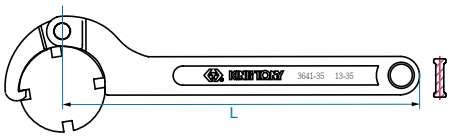
KT NO.	Size mm	g	
3616-10	8~17 14~32	466	6 / 36

Adjustable Hook Spanner Wrench

3641

- The joint is equipped with a spring washer to ensure smooth and reliable operation
- Chrome vanadium alloy steel

KT NO.	Capacity mm	L	g	
3641-35	13-35	174	96	12 / 144
3641-50	35-50	212	166	12 / 108
3641-80	50-80	285	352	10 / 60
3641-C0	80-120	348	652	5 / 30
3641-I0	120-180	480	1260	4 / 16



Chain Wrench

3204

- Chain wrench for oil filter

KT NO.	Overall length inch	mm	Capacity(M) mm	g	
3204	8-3/4	225	Ø 60~140	359	50

Strap Wrench

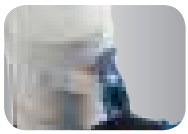
3203

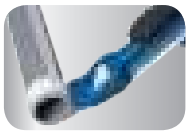
- Strap wrench for oil filter

KT NO.	Overall length inch	mm	Capacity(M) mm	g	
3203	8-3/4	223	Ø 60~140	242	50
320300		Strap		46	80
3203A0	8-3/4	223	Ø 60~260	300	50
320301		Strap		73	80

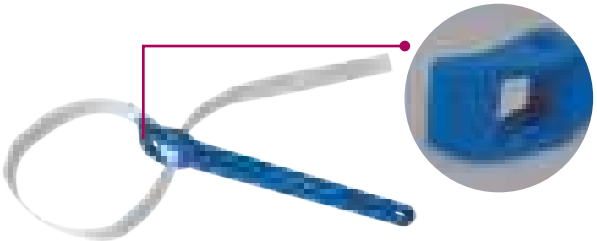
320670

- Aluminum alloy handle and strong nylon strap for tight grip
- Suitable for oil filter or any polished pipe





Serrated makes grip tightly

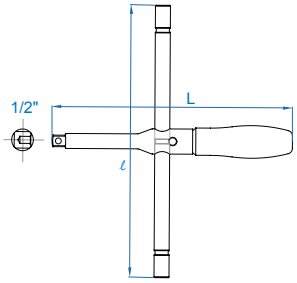


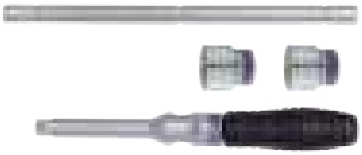
KT NO.	Overall Length inch	mm	Capacity mm	g	
320670	12	295	Ø 60~180	343.8	50
320600		Nylon strap		34.6	50

T-Spin Lug Wrench Set

4503MR

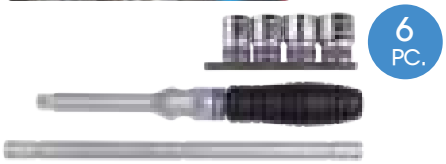
- Fast spinning action extension wrench
- Reach deep area with soft grip handle
- Suitable for passenger vehicles





4503MR

4506MR



4506MR

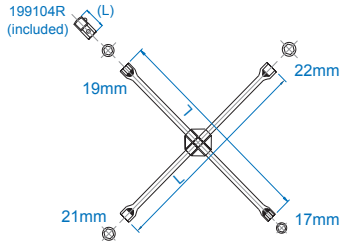
ITEM NO.	Size	ℓ mm	L mm	kg	
4503MR	■ 1/2"	300	265	1.36	10
	○ 19, 21 mm 4335MR				
4506MR	■ 1/2"			1.56	
	○ 17, 19, 21, 23 mm 4335MR				

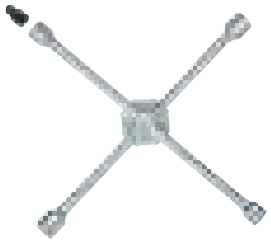
Wheel Nut Wrench

1991

- For most car wheel nuts in metric
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3119 ISO 6788

KT NO.	■ inch	○ mm	L mm	g	
19911722	1/2	17, 19, 21, 22	400	1700	6
199104R	1/2	19	34	84	10 / 240

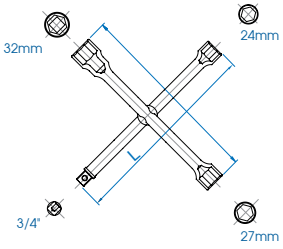


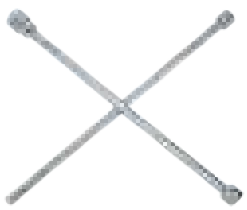


1993

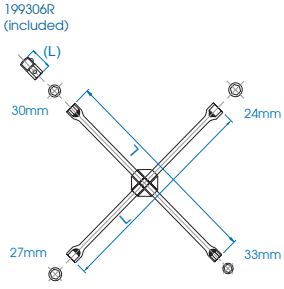
- Designed for removing wheel nuts on cars and heavy vehicles
- Replaceable bit on wrenches featuring a square drive
- Chrome vanadium alloy steel
- Chrome plated

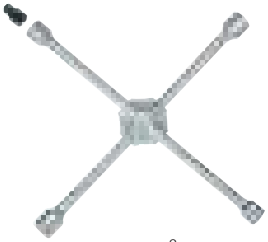
KT NO.	■ inch	○ mm	L mm	g	
19932427	3/4	24, 27, 32	700	4333	4





KT NO.	■ inch	○ mm	L mm	g	
19932433	3/4	24, 27, 30, 33	700	5.02	2
199306R	3/4	30	48	0.21	-





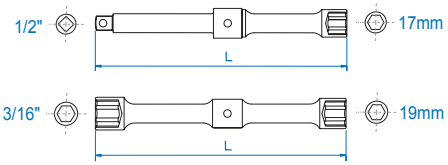
- T-type 90° unirersal joint driver

Assembling Wheel Nut Wrench

1996

• PAT. 192461

- For most car wheel nuts in metric
- Chrome vanadium alloy steel
- Chrome plated



KT NO.	○ inch	■ inch	○ mm	L mm		
19961721	13/16	1/2	17, 19	300	1100	20

Double-End Truck Wrench & Set

1999

- Chrome vanadium alloy steel
- Chrome plated

1999R new

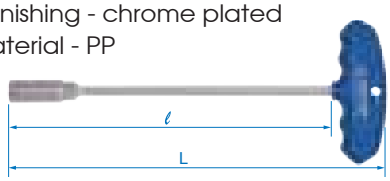
1999A new

Wrench KT NO.	Size mm	ø mm	Overall length mm	Tommy Bar KT NO.	Overall length mm	Set KT NO.		
19991921	19 x 21	ø16	300	19980016	300	19991921A	1183	1 / 20
19992224	22 x 24	ø19	400	199920R	400	19992224A	2330	1 / 8
19992427	24 x 27	ø19	400	199920R	400	19992427A	2673	1 / 8
19992432	24 x 32	ø19	400	199920R	400	19992432A	2360	1 / 8
19992730	27 x 30	ø19	400	199920R	400	19992730A	2740	1 / 8
19992732	27 x 32	ø19	400	199920R	400	19992732A	2762	1 / 8
19992733	27 x 33	ø19	400	199920R	400	19992733A	2796	1 / 8
19992833	28 x 33	ø19	400	199920R	400	19992833A	2440	1 / 8
19993032	30 x 32	ø19	400	199920R	400	19993032A	2853	1 / 8
19993233	32 x 33	ø19	400	199920R	400	19993233A	2875	1 / 8
19993238	32 x 38	ø19	400	199920R	400	19993238A	3055	1 / 4
19993821	○ 38 x ▢ 21 SQ.	ø25	400	199925R	595	19993821A	3794	3
19993822	○ 38 x ▢ 22 SQ.	ø25	400	199925R	595	19993822A	3794	3
19994121L	○ 41 x ▢ 21 SQ.	ø25	450	199925R	595	19994121LA	4074	3

T-type Deep Socket Wrench

115HM

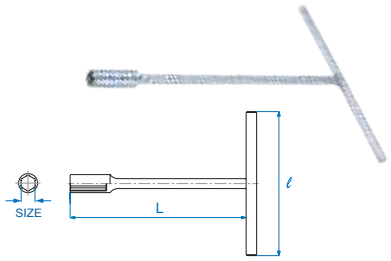
- Shank material - chrome vanadium alloy steel
- Shank finishing - chrome plated
- Grip material - PP



KT NO.	mm	ℓ mm	L mm		
115H05M-10	5	260	300	140.0	12 / 96
115H06M-10	6	260	300	147.0	12 / 96
115H07M-10	7	260	300	161.8	12 / 96
115H08M-10	8	260	300	159.0	12 / 96
115H09M-10	9	260	300	161.2	12 / 96
115H10M-10	10	260	300	170.6	12 / 96
115H11M-10	11	260	300	203.4	12 / 96
115H12M-10	12	260	300	205.0	12 / 96
115H13M-10	13	260	300	204.6	12 / 96
115H08M-14	8	350	388	147.0	10 / 60
115H10M-14	10	350	388	153.0	10 / 60
115H13M-14	13	350	390	261.0	8 / 32

1184M

- T-shaped deep socket wrench
- Chrome vanadium alloy steel
- DIN 475

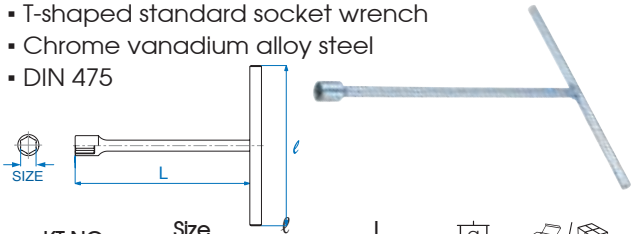


KT NO.	Size mm	ℓ mm	L mm		
118406M	6	120	190	53	10 / 40
118407M	7	120	190	73	10 / 40
118408M	8	200	300	212	10 / 60
118409M	9	200	300	307	10 / 60
118410M	10	200	300	317	10 / 60
118411M	11	200	300	327	10 / 60
118412M	12	200	300	328	10 / 60
118413M	13	200	300	333	10 / 60
118414M	14	200	300	345	10 / 60
118417M	17	250	300	602	6 / 36

T-type Standard Socket Wrench

1185M

- T-shaped standard socket wrench
- Chrome vanadium alloy steel
- DIN 475

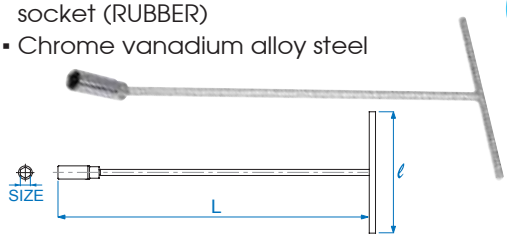


KT NO.	Size mm	ℓ mm	L mm		
118508M	8	200	250	186	10 / 100
118509M	9	200	250	231	10 / 100
118510M	10	200	250	228	10 / 100
118511M	11	200	250	234	10 / 100
118512M	12	250	250	386	10 / 60
118513M	13	250	300	421	10 / 60
118514M	14	250	300	429	10 / 60
118517M	17	300	300	710	6 / 36
118519M	19	300	300	725	6 / 36

T-type Spark Plug Socket

1563

- T-type 25° universal spark plug socket (RUBBER)
- Chrome vanadium alloy steel

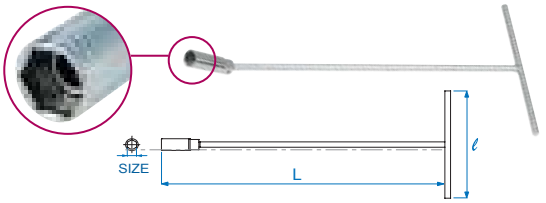


KT NO.	Size mm	ℓ mm	L mm		
15631612	16	200	300	363	10 / 40
15631615	16	200	385	400	10 / 40
15631618	16	200	460	450	10 / 40
15631818	18	200	460	450	10 / 40
15632112	21	200	300	388	10 / 40
15632115	21	200	385	438	10 / 40
15632118	21	200	460	488	10 / 40

1566

- T-type 25° universal spark plug socket with magnet
- Chrome vanadium alloy steel

Magnet

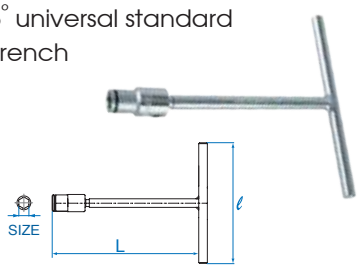


KT NO.	Size mm	ℓ mm	L mm		
15661612	16	200	300	400	10 / 40
15661615	16	200	385	420	10 / 40
15661618	16	200	460	460	10 / 40
15661818	18	200	460	450	10 / 40
15662112	21	200	300	420	10 / 40
15662115	21	200	385	460	10 / 40
15662118	21	200	460	510	10 / 40

T-type Universal Standard Socket Wrench

5722M

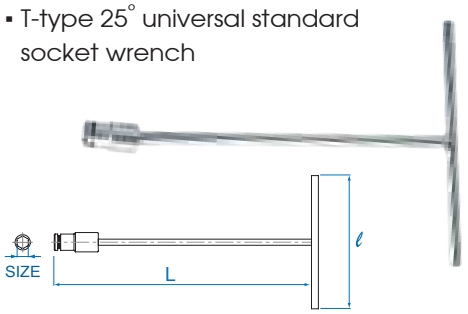
- T-type 25° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm		
572210M	10	150	170	400	10 / 60
572212M	12	150	170	400	10 / 60

5742M

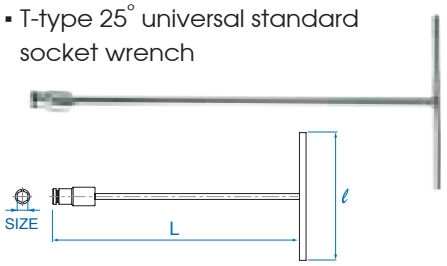
- T-type 25° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm		
574208M	8	200	320	328	10 / 40
574212M	12	200	320	332	10 / 40
574213M	13	200	320	333	10 / 40
574214M	14	200	320	335	10 / 40
574217M	17	200	320	340	10 / 40

5752M

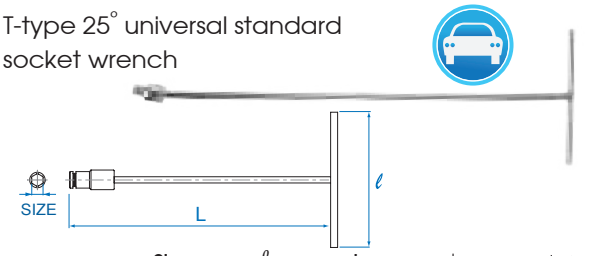
- T-type 25° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm		
575208M	8	200	450	427	10 / 40
575210M	10	200	450	430	10 / 40
575212M	12	200	450	432	10 / 40
575213M	13	200	450	433	10 / 40
575214M	14	200	450	435	10 / 40
575217M	17	200	450	440	10 / 40

5762M

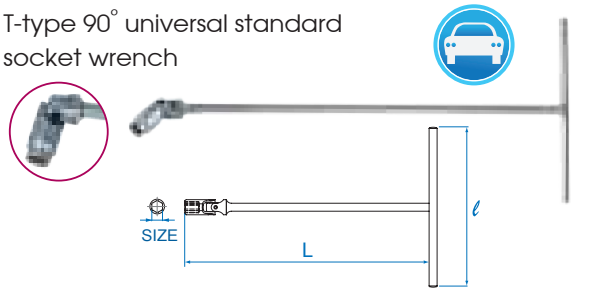
- T-type 25° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm		
576208M	8	200	600	519	10 / 40
576210M	10	200	600	520	10 / 40
576212M	12	200	600	522	10 / 40
576213M	13	200	600	523	10 / 40
576214M	14	200	600	525	10 / 40
576217M	17	200	600	540	10 / 40

5772M

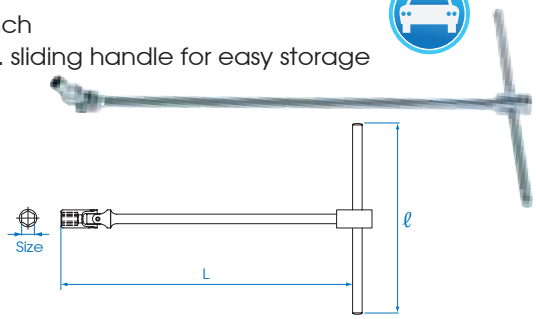
- T-type 90° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm		
577208M	8	200	400	425	10 / 40
577210M	10	200	400	425	10 / 40
577212M	12	200	400	425	10 / 40
577213M	13	200	450	425	10 / 40
577214M	14	200	450	425	10 / 40
577217M	17	200	450	425	10 / 40

5774M

- T-type 90° universal standard socket wrench
- 2 PC. sliding handle for easy storage

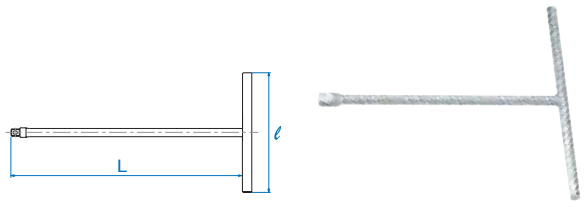


KT NO.	Size mm	ℓ mm	L mm		
577406M	6	200	390	420	10 / 30
577407M	7	200	390	420	10 / 30
577408M	8	200	390	420	10 / 30
577409M	9	200	390	420	10 / 30
577410M	10	200	500	480	10 / 30
577411M	11	200	500	480	10 / 30
577412M	12	200	500	480	10 / 30
577413M	13	200	500	480	10 / 30
577414M	14	200	500	500	10 / 30
577415M	15	200	500	500	10 / 30
577416M	16	200	500	500	10 / 30
577417M	17	200	500	500	10 / 30
577418M	18	200	500	500	10 / 30
577419M	19	200	500	500	10 / 30

T-shaped Driver

3511 3/8"

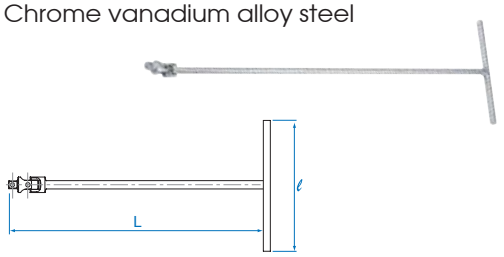
- Chrome vanadium alloy steel



KT NO.	ℓ mm	L mm	g	
3511-06	170	268	325	5 / 30
3511-10	250	268	386	6 / 30

3795 3/8"

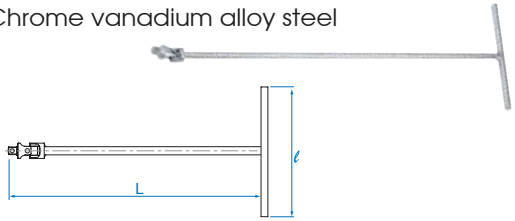
- T-type 90° universal joint driver
- Chrome vanadium alloy steel



KT NO.	ℓ mm	L mm	g	
3795-15	200	375	375	10 / 40
3795-18	200	455	425	10 / 40
3795-24	200	600	500	10 / 40
3795-30	200	750	600	10 / 30

4795 1/2"

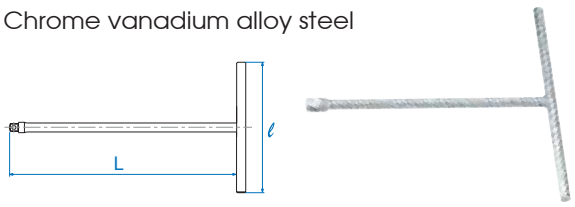
- T-type 90° universal joint driver
- Chrome vanadium alloy steel



KT NO.	ℓ mm	L mm	g	
4795-18	200	460	567	10 / 30
4795-24	200	600	700	10 / 30
4795-30	200	750	850	10 / 20
4795-36	200	900	1000	10 / 20

4511 1/2"

- Chrome vanadium alloy steel



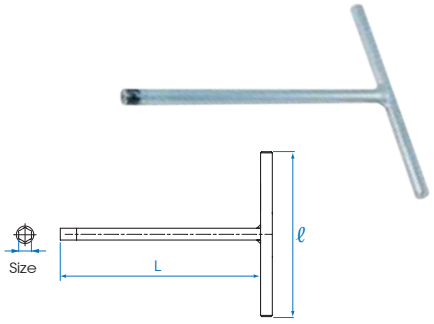
KT NO.	ℓ mm	L mm	g	
4511-06	170	268	400	5 / 30
4511-10	250	268	468	6 / 30

T-shaped Driver

- Chrome vanadium alloy steel
- Chrome plated

21A107

- Applied with power bit

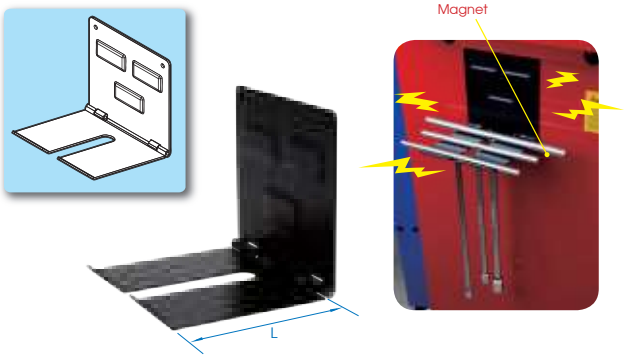


KT NO.	Size inch	ℓ mm	L mm	g	
21A107	1/4	150	175	194	10 / 60

T-type Wrench Hanger

9TE21

- Easily collect and organize different sizes of T-type wrenches at the same time
- The front square board is foldable to save space
- Suitable for trolleys, worktable & the other necessary working places
- There are 3 square neodymium magnets behind panel, maximum 5 kgs can be loaded (The magnetic side should be totally attached)



KT NO.	L mm	Capacity kg	Capacity lbs	g	
9TE21	120	5	11	533	1 / 45

PLIERS

- Pliers
- Bolt Cutter
- Circlip Pliers
- Insulated Pliers
- Grip Pliers
- Wire Twisting Pliers

High performance for cutting

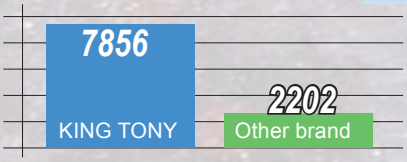
A greater hardness at the edge makes it very sharp and easy to cut. Wear-resistant design is for different purposes pliers and cutters. Our high leverage combination pliers quality is tested by cutting piano wire with sharp performance.

Over 2000 times cutting result for 1.6mm piano wire (2200N/mm2, HRC48)

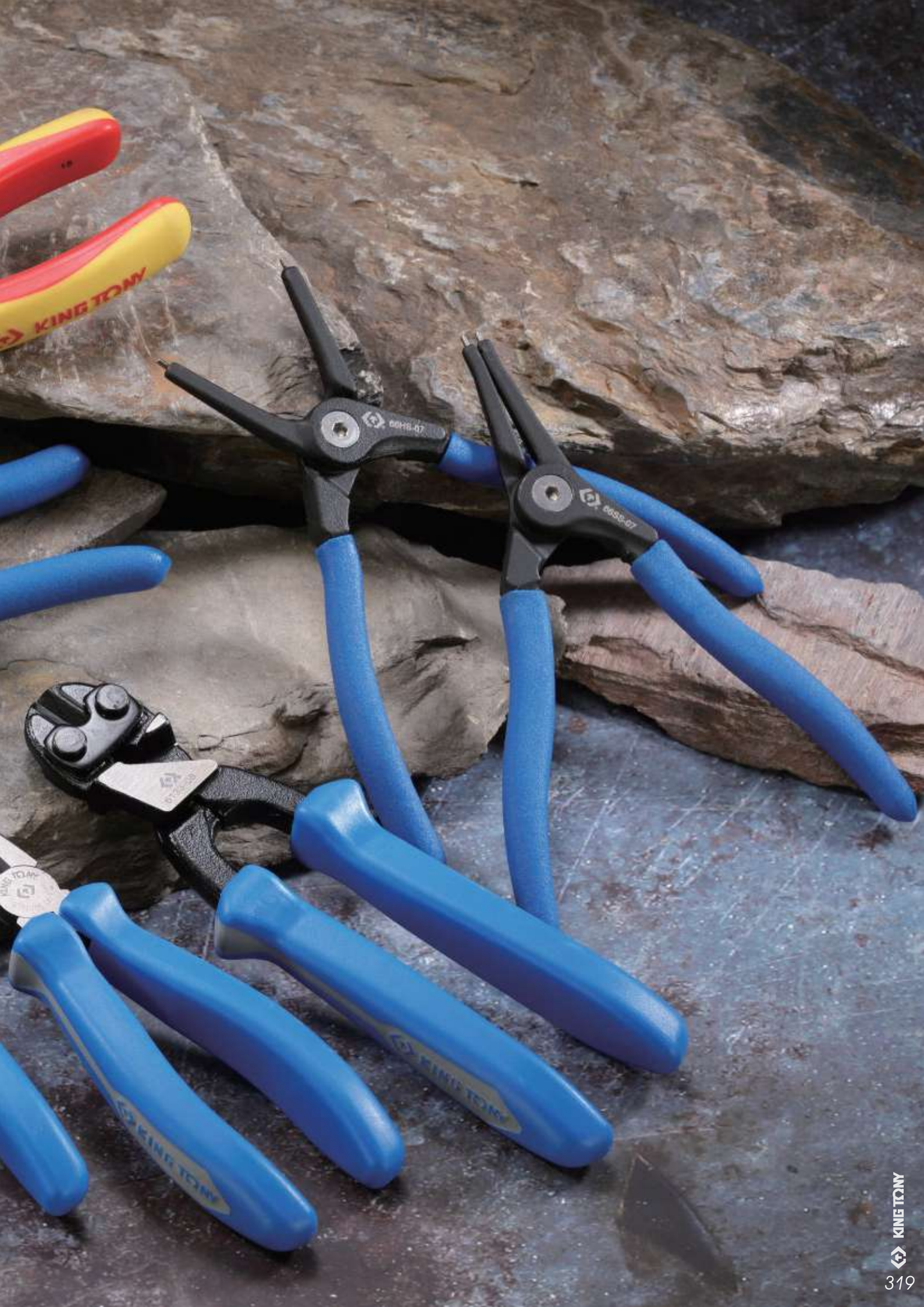
King Tony Brand:
Wore down 0.19mm
(good)

Other Brand:
Wore down 0.33mm
(not good)

Exceed other brands **356%**



KING TONY combination pliers are sharp and triple of its life for cutting than others.


KING TONY
6BH8-07
6BSB-07
KING TONY

CUTTING EDGES TECHNICAL BASICS

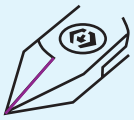
CUTTING EDGE SHAPES

With bevel
(outside bevel)

With very small bevel
(outside bevel)

With small bevel
(outside bevel)

Without bevel
(outside bevel)

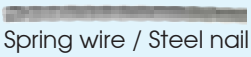


WIRE CLASSES

Soft wire

Copper / Aluminium

Hard wire



Spring wire / Steel nail

Medium hard wire

Steel nail

Piano wire

Hardend spring steel

TECHNICAL BASICS

Thin
serrated

Coarse
serrated

With opening
spring

JAWS TYPES

Round jaws

Half-round jaws

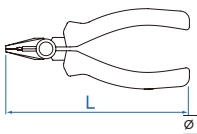
Flat & point jaws

Combination Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6114

- Mini type
- DIN ISO 5746

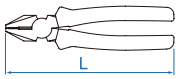


KT NO.	L inch	L mm	Cutting capacities ø mm ⊙	⊙	g	
6114-05	5	122	3.0	2.0	85	8 / 160

6111

- European type
- Polished head
- DIN ISO 5746

6111



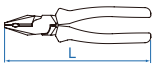
6111C

KT NO.	L inch	L mm	Cutting capacities ø mm ⊙	⊙	⊙	●	g	
6111-06	6-1/2	163	4.0	2.8	1.8	1.6	217	8 / 96
6111-07	7-1/2	188	4.0	3.0	2.0	1.6	292	8 / 48
6111-08	8-1/4	213	4.0	3.0	2.0	1.6	399	8 / 48
6111-07C	7-1/2	188	4.0	3.0	2.0	1.6	260	8 / 48
6111-08C	8-1/4	213	4.0	3.0	2.0	1.6	340	8 / 48

6112

- Hi-leverage type
- Polished head

6112



6112C

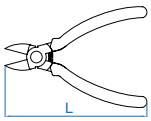
KT NO.	L inch	L mm	Cutting capacities ø mm ⊙	⊙	⊙	●	g	
6112-09	9	225	4.0	3.0	2.2	2.0	348	6 / 60
6112-09C	9	225	4.0	3.0	2.2	2.0	359	6 / 60

Plastic Pliers

6921

- European type
- Polished head

6921



6921C

CAUTION

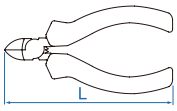
- In order to get normal life of pliers, do not cut steel wire.

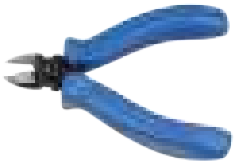
KT NO.	L inch	L mm	g	
6921-05	5	132	98	6 / 120
6921-06	6	155	238	6 / 72
6921-07	7	178	276	6 / 60
6921-05C	5	132	89	6 / 120
6921-06C	6	155	132	8 / 96
6921-07C	7	178	170	6 / 60

Diagonal Pliers

6214

- Mini type

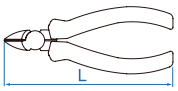




KT NO.	L inch	L mm	Ø Max. mm ⊙ ø mm	g	
6214-45	4-1/2	115	0.6	84	8 / 160
6214-05	5	127	1.25	94	8 / 160

6211

- European type
- DIN 5749

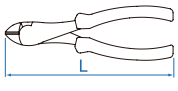


KT NO.	L inch	L mm	Cutting capacities ø mm ⊙	⊙	⊙	●	g	
6211-06	6-1/2	163	4.0	2.8	2.0	1.6	194	8 / 96

6231

- Heavy duty type
- DIN ISO 5749

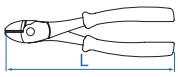
6231-07



6231-08

KT NO.	L inch	L mm	Cutting capacities ø mm ⊙	⊙	⊙	●	g	
6231-07	7-1/2	88	4.0	3.0	2.2	2.0	240	8 / 80
6231-08	8	200	5.0	3.5	2.2	2.0	312	8 / 80

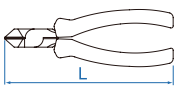
6232 new



KT NO.	L inch	L mm	Cutting capacities ø mm ⊙	⊙	⊙	●	g	
6232-08	8	200	5.0	3.5	2.2	2.0	285	8 / 80

6213

- Japanese type



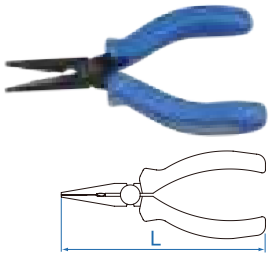
KT NO.	L inch	L mm	Cutting capacities ø mm ⊙	Wire stripper mm	g	
6213-06	6-1/2	163	1.25	1.4 / 1.6	179	8 / 96

Long Nose Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6314

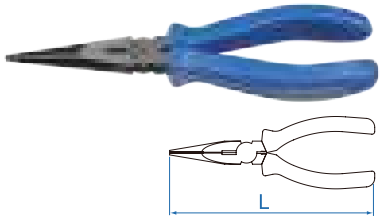
- Mini type
- DIN ISO 5745



KT NO.	inch	L mm	ø mm Cutting capacities				
6314-05	5-1/2	140	3.0	2.0	1.6	100	8 / 160

6311

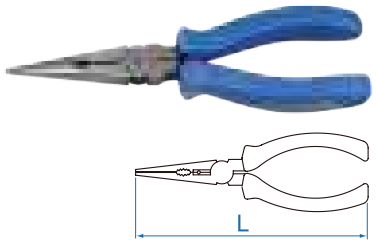
- European type
- DIN ISO 5745



KT NO.	inch	L mm	ø mm Cutting capacities					
6311-06	6-1/2	164	4.0	2.8	1.8	1.6	147	10 / 120
6311-08	8	200	4.0	3.0	2.0	1.6	219	8 / 80

6313

- Japanese type
- DIN ISO 5745

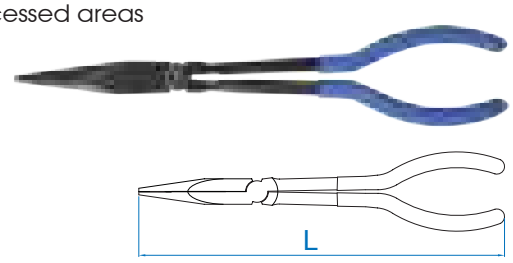


KT NO.	inch	L mm	ø mm Cutting capacities					
6313-06	6-1/2	169	4.0	2.8	1.8	1.6	145	10 / 120

Extra Long Nose Pliers

6319

- Slim jaws design for gripping components in recessed areas

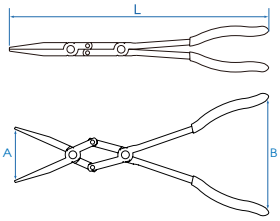


KT NO.	inch	L mm		
6319-11C	11	280	317	6 / 48

Double Joint Nose Pliers

6329

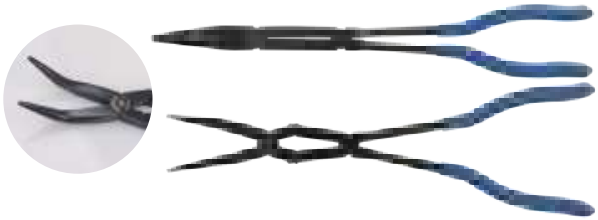
- Double joint and slim profile, for working a greater width in a narrow space, even single-handed
- Serrated nose for good grip

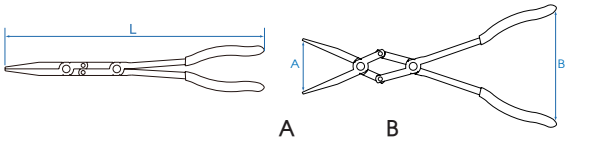


KT NO.	inch	L mm	A Up on jaw capacity (mm)	B Grip width (mm)		
6329-13C	13	340	50	110	365	5 / 40

6339

- Double joint and slim profile, for working a greater width in a narrow space, even single-handed
- Serrated nose for good grip



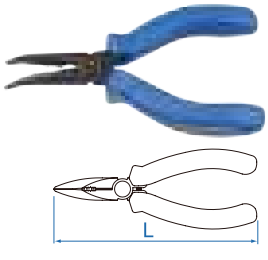


KT NO.	inch	L mm	A Up on jaw capacity (mm)	B Grip width (mm)		
6329-13C	13	335	50	110	365	5 / 40

Bent Nose Pliers

6334

- Mini type
- DIN ISO 5745



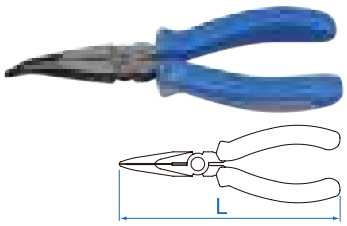
KT NO.	inch	L mm	ø mm Cutting capacities				
6334-05	5	127	3.0	2.0	1.6	102	8 / 160

Bent Nose Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6331

- European type
- DIN ISO 5745

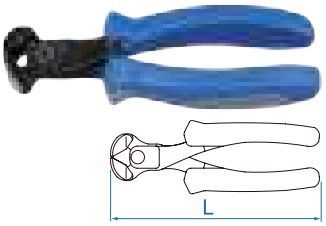


KT NO.	L inch	L mm	Cutting capacities ø mm					
6331-06	6-1/2	163	4.0	2.8	1.8	1.6	149	10 / 120
6331-08	8	200	4.0	3.0	2.0	1.6	220	8 / 80

End Cutting Pliers

6411

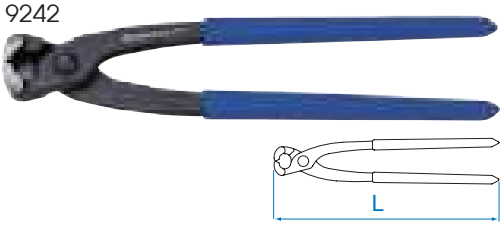
- European type
- DIN ISO 5748



KT NO.	L inch	L mm	Cutting capacities ø mm					
6411-06	6-1/2	163	4.0	3.0	1.6	1.6	268	8 / 96

6431

- European type
- DIN ISO 9242

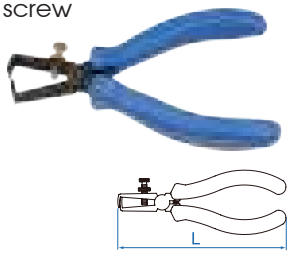


KT NO.	L inch	L mm	Cutting capacities			
6431-10C	10	254	2.0	1.6	445	6 / 48
6431-11C	11	278	2.2	1.8	510	6 / 48

Stripping Pliers

6711

- With spring and adjusting screw

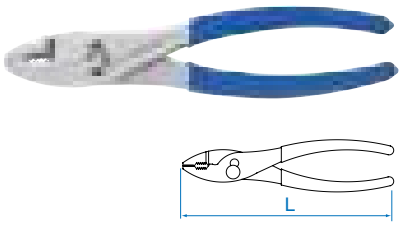


KT NO.	L inch	L mm	ø mm	Wire stripper mm²		
6711-06	6	155	5	10	191	8 / 96

Slip Joint Pliers

6463

- 2 positions adjustment
- Serrate jaws



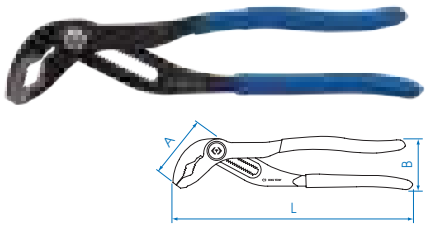
KT NO.	L inch	L mm		
6463-08C	8	210	290	8 / 80

Groove Joint Pliers

6517

QUICK LOCK

- Quick lock
- Grip material-PVC
- DIN ISO 8976



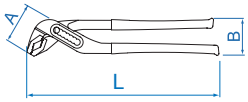
KT NO.	L inch	L mm	A mm	B mm		
6517-08C	8	200	40	54	44	190	10 / 40
6517-10C	10	250	60	68	56	360	6 / 48
6517-12C	12	310	70	89	73	540	5 / 40

6516

- German type
- 7 positions opening
- DIN ISO 8976

6516-10

6516C



KT NO.	L inch	L mm	A mm	B mm		
6516-10	10	253	36	58	61	386	6 / 48
6516-10C	10	253	36	58	61	300	8 / 64

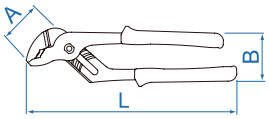
Groove Joint Pliers

6511

- 7 positions opening
- DIN ISO 8976

6511-10

6511C



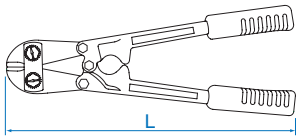
KT NO.	L inch	L mm	mm	A mm	B mm	g	
6511-10	10	253	50	33	50	447	6 / 48
6511-10C	10	253	50	33	50	400	6 / 48
6511-13C	13	325	65	43	50	808	2 / 16
6511-17C	17	425	100	58	55	1150	2 / 12

Bolt Cutter

6131

GS / TUV

- Chrome vanadium alloy steel
- Center cut



KT NO.	L inch	L mm	Cutting capacity 15°(ø mm) HRC	Cutting capacity 35°(ø mm) HRC	kg	
6131-12	12	300	ø5	ø4	0.76	1 / 20
6131-14	14	350	ø7	ø5	1.00	1 / 20
6131-18	18	450	ø8	ø6	1.51	1 / 12
6131-24	24	600	ø10	ø8	2.35	1 / 10
6131-30	30	750	ø13	ø10	3.75	1 / 6
6131-36	36	900	ø16	ø11	5.50	1 / 5
6131-42	42	1050	ø18	ø13	8.56	1 / 3

6131P01

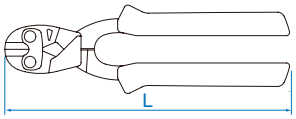
- Spare blade for 6131
- Center cut

KT NO.	Overall length mm	Cutting capacity 15°(ø mm) HRC	Cutting capacity 35°(ø mm) HRC	kg	
6131-12P01	95 x 57	ø5	ø4	0.26	1 / 40
6131-14P01	110 x 65	ø7	ø5	0.40	1 / 40
6131-18P01	125 x 72	ø8	ø6	0.85	1 / 20
6131-24P01	150 x 86	ø10	ø8	0.87	1 / 20
6131-30P01	170 x 97	ø13	ø10	1.25	1 / 10
6131-36P01	190 x 112	ø16	ø11	1.85	1 / 10
6131-42P01	205 x 122	ø18	ø13	3.10	1 / 5

Compact Bolt Cutter

6133

- Heavy duty type
- DIN ISO 5749
- Center cut

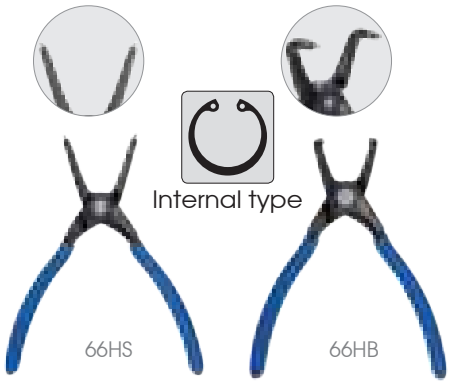


KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm	ø mm	g	
6133-08	8	200	6.0	5.0	4.0	3.5	399.6	8 / 48

Circlip Pliers

66HS 66HB 66SS 66SB

- Design of hidden spring
- Straight and angled pattern
- High strength of tip
- DIN 5254 & DIN 5256



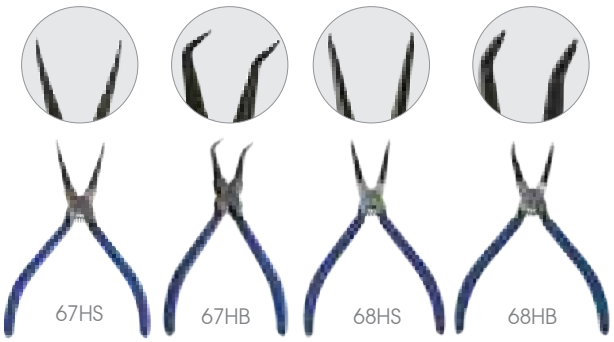
KT NO.	Tips	Overall length inch	Overall length mm	Ø-tips	Capacity Ø mm	g	
66HS-07		7	188	1.8	19~60	176	8 / 48
66HB-07		7	175	1.8	19~60	176	8 / 48
66SS-07		7	188	1.8	19~60	195	8 / 48
66SB-07		7	175	1.8	19~60	195	8 / 48

67HS 67HB 68HS 68HB

- For internal retaining rings
- Straight and angled pattern
- DIN 5254 & DIN 5256

Internal type

Japanese type European type



KT NO.	Tips	Overall length inch	Overall length mm	Ø tips	Capacity Ø mm	g	
67HS-07		7	180	1.8	19~60	130	12 / 144
67HB-07		7	180	1.8	19~60	130	12 / 144
68HS-05		5	125	1.3	12~28	97	10 / 80
68HS-07		7	180	1.8	19~60	130	12 / 144
68HS-10		10	250	2.3	40~100	291	8 / 64
68HB-05		5	125	1.3	12~28	94	10 / 80
68HB-07		6-3/4	170	1.8	19~60	130	12 / 144
68HB-10		9-1/2	241	2.3	40~100	291	6 / 48

67SS 67SB 68SS 68SB

- For external retaining rings
- Straight and angled pattern
- DIN 5254 & DIN 5256

External type

Japanese type European type

KT NO.	Tips	Overall length inch	Overall length mm	Ø tips	Capacity Ø mm	g	
67SS-07		7	180	1.8	19~60	130	12 / 144
67SB-07		7	180	1.8	19~60	130	12 / 144
68SS-05		5	125	1.3	12~28	101	10 / 80
68SS-07		7	180	1.8	19~60	130	12 / 144
68SS-10		10	250	2.3	40~100	291	8 / 64
68SB-05		5	125	1.3	12~28	101	10 / 80
68SB-07		6-3/4	170	1.8	19~60	130	12 / 144
68SB-10		9-1/2	241	2.3	40~100	291	6 / 48

Pliers Set

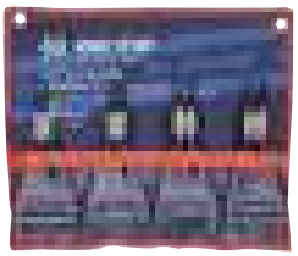
► Nylon pouch bag

► Color box

KT NO.	PC.	Contents	Package		
42104GP	4	6511-10, 6111-06, 6211-06, 6311-08	Nylon	1.17	1 / 18
42104GP01	4	6516-10C, 6111-06, 6211-06, 6311-08	Nylon	1.17	1 / 18
42124GP	4	6511-10C, 6111-08, 6311-08, 6231-08	Nylon	1.48	1 / 18
42124GP01	4	6516-10C, 6111-08, 6311-08, 6231-08	Nylon	1.48	1 / 18
new 42213GP01	3	6111-08, 6311-08, 6231-08	Color box	1.05	1 / 20

Circlip Pliers Set

KT NO.	PC.	Contents					
42114GP	4	68HS-07	68SS-07	68HB-07	68SB-07	062	1 / 32
42154GP	4	66HS-07	66SB-07	66HB-07	66SS-07	0.84	1 / 32
42116GP	6	68HS-07	68HB-07	68HS-10	68SS-07	68SB-07	68SS-10	1.33	1 / 18



► Nylon pouch bag

Display Stand for PVC Pliers

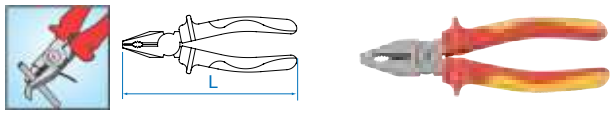
87116

- Capacity: 12 PC.
- Size: 243 x 205 x 200 mm
- Suitable for displaying PVC grip pliers

- Grip material-TPR
- Chrome vanadium steel
- Polished head
- IEC DIN EN 60900

Combination Pliers

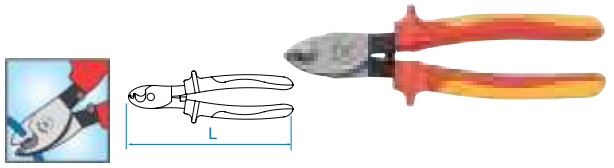
6116



KT NO.	L inch	L mm	Cutting capacities ø mm				g	
6116-07A	7-1/2	185	4.0	3.0	2.0	1.6	290	10 / 60
6116-08A	8	200	4.0	3.0	2.0	1.6	386	10 / 60

Cable Cutting Pliers

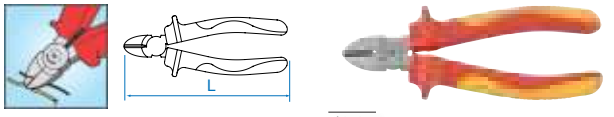
6146



KT NO.	L inch	L mm	ø mm	g	
6146-08A	8-1/4	214	14	360	10 / 60

Diagonal Cutting Pliers

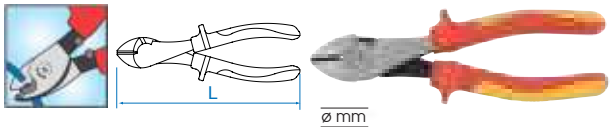
6216



KT NO.	L inch	L mm	Cutting capacities ø mm				g	
6216-06A	6-1/2	167	4.0	2.8	2.0	1.6	230	10 / 60

Heavy Duty Diagonal Cutting Pliers

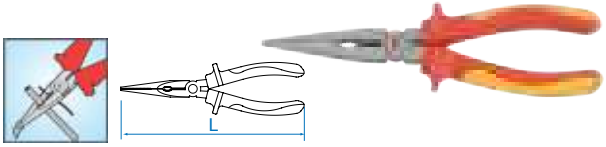
6236



KT NO.	L inch	L mm	Cutting capacities ø mm				g	
6236-07A	7-1/2	190	5.0	3.5	2.4	2.0	280	10 / 60

Long Nose Pliers

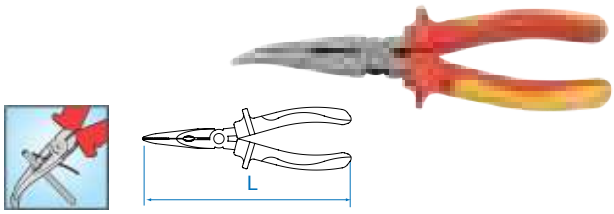
6318



KT NO.	L inch	L mm	Cutting capacities ø mm				g	
6318-08A	8-1/4	210	4.0	2.8	2.0	1.6	230	10 / 60

Bent Nose Pliers

6336

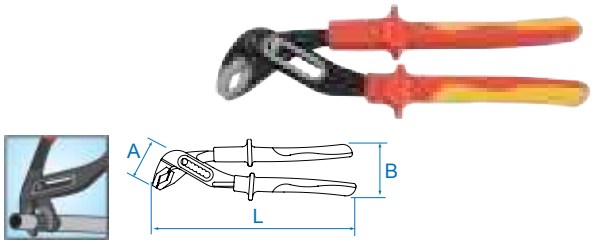


KT NO.	L inch	L mm	Cutting capacities ø mm				g	
6336-08A	8	200	4.0	3.0	2.0	1.6	250	10 / 60

Groove Joint Pliers

- Box joint

6516

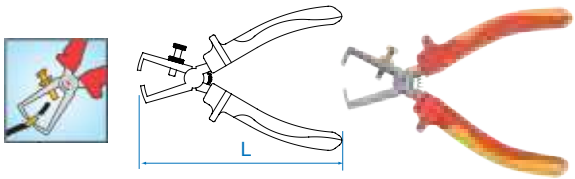


KT NO.	A mm	B mm	L inch	L mm	mm	g	
6516-10A	55	63	10	250	36	420	10 / 50

Stripping Pliers

- With spring

6716

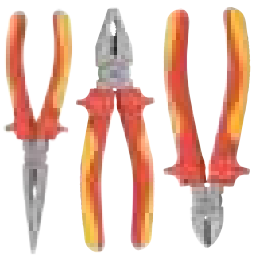


KT NO.	L inch	L mm	ø mm	Wire stripper mm²	g	
6716-06A	6-1/4	160	5	10	205	10 / 60

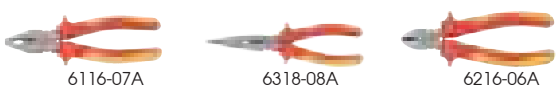
Insulated Pliers Set

40603GP

3 PC.



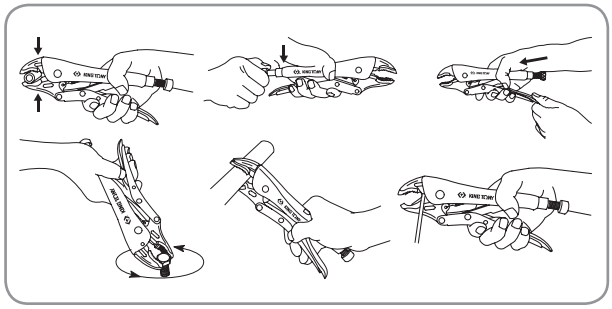
Contents — Kg 0.89 — 1 / 20



6116-07A | 6318-08A | 6216-06A

• Finishing - option 1 : chrome plated (R)
option 2 : nickel plated (N)

Lock Grip Pliers



6011

- Curved jaw with wire cutter
- With adjusting screw and release lever
- Jaw width 10mm, length 30mm
- ASME B107.500-2010

MATERIAL - Jaw : Spring alloy steel
Handle : Chrome molybdenum alloy steel

6011R

6011N

KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	
6011-05R	5-1/2	140	29	166	6 / 48
6011-07R	7	185	38	367	8 / 32
6011-07N	7	185	38	367	8 / 32
6011-10R	10	254	48	542	8 / 32
6011-10N	10	254	48	542	8 / 32

6012

- V jaw with wire cutter
- With adjusting screw and release lever
- Jaw width 10mm, length 30mm
- ASME B107.500-2010

MATERIAL - Jaw : Chrome molybdenum alloy steel
Handle : Chrome molybdenum alloy steel

KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	
6012-07N	7	175	33	385	8 / 32
6012-10N	10	254	45	581	8 / 32

6031

- Straight jaw
- With adjusting screw and release lever
- Jaw width 10mm, length 30mm
- ASME B107.500-2010

MATERIAL - Jaw : Spring alloy steel
Handle : Chrome molybdenum alloy steel

6031R

6031N

KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	
6031-07R	7	185	33	392	8 / 32
6031-07N	7	185	33	392	8 / 32
6031-10R	10	254	45	573	8 / 32
6031-10N	10	254	45	573	8 / 32

Miniature Long Nose Pliers

6315

- ASME B107.500-2010

MATERIAL - Jaw : Spring alloy steel
Handle: Chrome molybdenum alloy steel

KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	
6315-06	6	165	51	205	8 / 80
6315-09	9	221	70	393	6 / 36

Lock Sheet Metal Clamp

6605

- With adjusting screw and release lever
- Makes bending, forming, and crimping sheet metal easier

MATERIAL - Chrome molybdenum alloy steel

KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	
6605-08	8	206	13	455	1 / 18

Locking Chain Clamp

6655

- Chain can hold around any shape or size
- Convenient for awkward shaped pieces
- With adjusting screw and release lever

MATERIAL - Handle: Chrome molybdenum alloy steel

KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
6655-09	9	225	Ø 60~140	733	1 / 18

Locking Welding Clamp

6665

- U-shaped jaws allow enhanced visibility and more working space
- Holds work in proper alignment
- For use in welding or holding awkward shapes in place

MATERIAL - Chrome molybdenum alloy steel

KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
6665-09	9	230	43	625	1 / 18

C-clamp Grip Pliers

6615

MATERIAL -
Jaw : Chrome vanadium alloy steel
Handle: Chrome molybdenum alloy steel

6615-06

6615-11

6615-18

KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
6615-06	6-3/4	170	50	230	6 / 72
6615-11	11	280	100	790	1 / 20
6615-18	18	456	200	1136	1 / 10

6625

- C-clamp grip pliers with moving jaw

MATERIAL -
Jaw : Chrome vanadium alloy steel
Handle: Chrome molybdenum alloy steel

6625-06

6625-11

6625-18

KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
6625-06	7	175	54	250	6 / 72
6625-11	11	280	96	840	1 / 20
6625-18	18-1/2	457	200	1220	1 / 10

Wire Twisting Pliers

6121

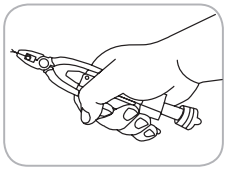
6122

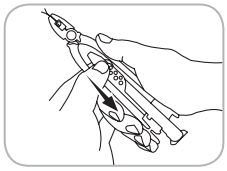
- Simple pull action twisting wires into a tight uniform fastener
- Material: Chrome vanadium alloy steel
- Twist wire up to 0.04 inch

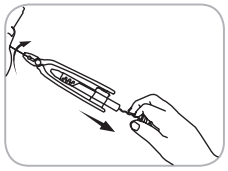
6121

Reversible

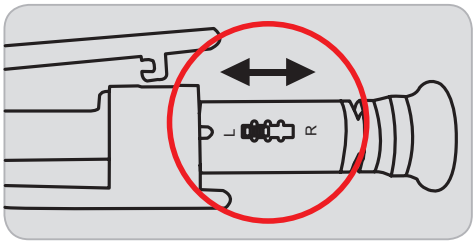
6122


• Grip wire and pull down the bar


• Pull the lock


• Pull the knob

(Only 6122)



• Left turn (counterclockwise):
Reversible if mistake happened switch button to "L" then pull the bar to twist counterclockwise

KT NO.	Type	g	
6121-06X	wire twisting pliers 6"	250	12 / 48
6121-09X	wire twisting pliers 9"	380	10 / 50
6122-06X	reversible wire twisting pliers 6"	337	10 / 40
6122-09X	reversible wire twisting pliers 9"	450	10 / 30

PIPE TOOLS

- Pipe / Tube Cutting
- Pipe Wrench
- Flaring / Swaging
- Bending
- Stepped Ratchet Radiator key Set
- A/C & Refrigeration Service Tools & Set

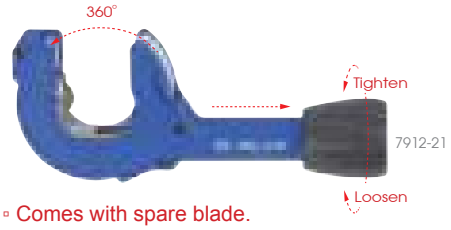
KING TONY
7912-22
KING TONY
7913-42
KINGTONY

Ratchet Tubing Cutter

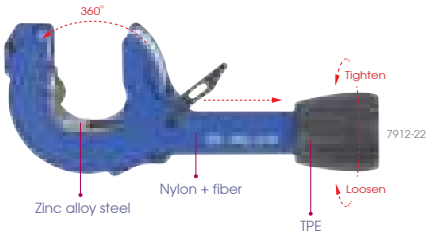
7912-21

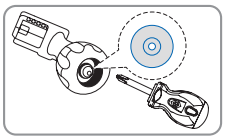
7912-22

- Cuts without having to rotate tool completely around tubing
- Ratchet mechanism allows for tight area operation
- Cuts through some of the toughest surfaces: stainless steel, wall conduit, copper and aluminum
- Exclusive one hand operation, limited risks of hand-fatigue and injuries

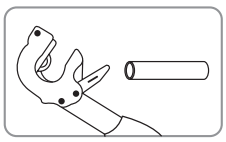


- Comes with spare blade.
- Provided with foldable reamer.





- Use Phillips screwdriver to take out the back-up blade located in the handle base.

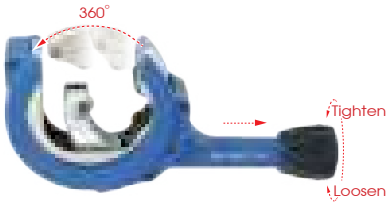


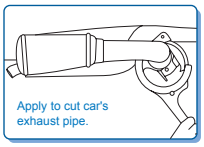
- Deploy foldable reamer provided to smoothen sharp edges. (only 7912-22)

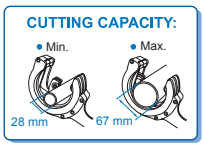
KT NO.	Capacity ø mm	Max. cutting thickness (mm) Stainless	Other	Remark	g	
7912-21	8-28	2	3.0	spare blade	389	1 / 40
7912-22	12-35	2	3.0	spare blade / reamer	452	1 / 40
7912-0111		Spare cutting blade			5	25 / 250

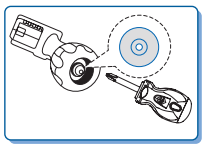
7912-23

- Apply to cut car's exhaust pipe.









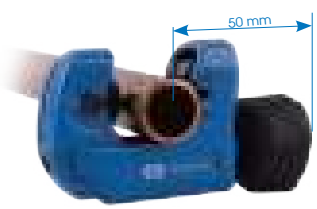
- Use Phillips screwdriver to take out the back-up blade located in the handle base.

KT NO.	Capacity ø mm	Max. cutting thickness (mm) Stainless	Other	g	
7912-23	28-67	2	3.0	1122.6	1 / 10
7912-2311		Spare cutting blade		5	25 / 250

Mini Tube Cutter

- Full-stop feed system prevents wheels and rollers from coming into contact
- Ergonomic handle design for comfortable operation
- Quick adjustment and easy to change the cutting wheel
- For copper, brass, aluminum pipes
- Specifically design for using in restricted place
- With two guide rollers

7915A-19



7915A-28

KT NO.	inch	mm	max. (mm)	Overall length inch	mm		
7915A-19	1/8~3/4	3~19	1.2	2-1/2	62	152	10 / 100
7915A-28	1/8~1-1/8	3~28	1.2	2-3/4	70	205	10 / 100
7914A-0111			Spare cutting blade			13	25 / 250

Tube Cutter for Copper

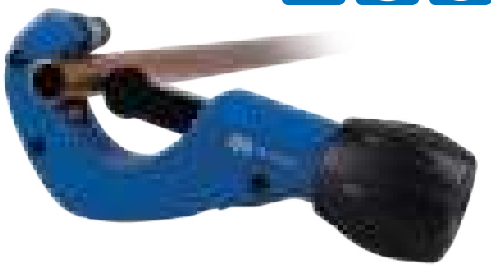
7914A-35

- For copper, brass, aluminum pipes
- Ergonomic handle design for comfortable operation
- Includes one piece spare cutting wheel
- With four guide rollers
- Full-stop feed system prevents wheels and rollers from coming into contact
- Quick adjustment and easy to change the cutting wheel

KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm		
7914A-35	1/8~1-3/8	3~35	1.2	5-1/2	140	370	10 / 60
7914A-0111			Spare cutting blade			13	25 / 250

7914B-45

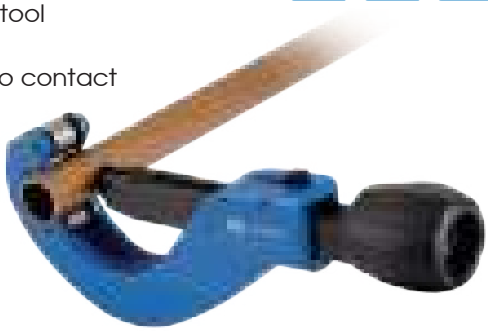
- For copper, brass, aluminum pipes
- Ergonomic handle design for comfortable operation
- Includes one piece spare cutting wheel & retractable deburring tool
- With four guide rollers
- Full-stop feed system prevents wheels and rollers from coming into contact
- Quick adjustment and easy to change the cutting wheel



KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm		
7914B-45	1/8~1-3/4	3~45	1.2	6-3/4	172	568	6 / 36
7914A-0111			Spare cutting blade			13	25 / 250
7914B-4521			Spare deburring tool			3	1 / 500

7914C-70

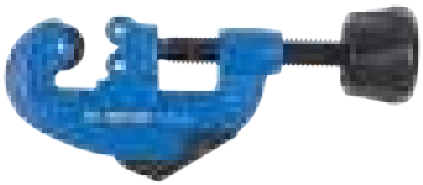
- For copper, brass, aluminum pipes
- Ergonomic handle design for comfortable operation
- Includes one piece spare cutting wheel & retractable deburring tool
- With four guide rollers
- Full-stop feed system prevents wheels and rollers from coming into contact
- Quick adjustment and easy to change the cutting wheel



KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm		
7914C-70	1/4~2-3/4	6~70	1.2	8-3/4	222	802	4 / 24
7914A-0111			Spare cutting blade			13	25 / 250
7914C-7021			Spare deburring tool			17	1 / 300

Tube Cutter for Steel

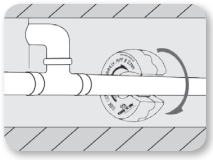
7915-30



KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm	g	
7915-30	1/8~1-1/8	3~30	1.2	5-1/2	140	231	1 / 20
7915-3011	Spare cutting blade					10	25 / 250

7916M

- For copper pipes
- Easy to use in restricted space
- Self-alignment for adjustment

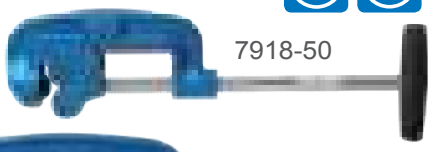


- Ideal for hard to reach places

KT NO.	mm	max. (mm)	Overall length mm	g	
7916-12M	12	1.2	52	176	10 / 100
7916-15M	15	1.2	56	207	10 / 100
7916-21M	21	1.2	68	248	10 / 60
7916-22M	22	1.2	68	248	10 / 60
7916-0111	Spare cutting blade			11	25 / 250

7918

- For steel pipes
- Strong cast housing
- Extra-long shank provides for quick & easy adjustment
- Possible for large pipe sizes
- Perfectly balanced



7918-50

7918-A0

KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm	g	
7918-50	5/16~1-7/8	10~60	3	14-1/18	450	2215	1 / 8
7918-5011	Spare cutting blade					39	1 / 200
7918-A0	1-11/32~3-9/16	43~114	3	28-1/8	900	5020	1 / 4
7918-A011	Spare cutting blade					66	1 / 200

Tube Cutter for Soft Plastic Pipe

7913B-35

- For PVC, PP, PE, PEX, PB
- For soft plastic pipe
- Aluminum body
- One-hand operation
- Burr-free cutting
- Reversible blade

KT NO.	inch	mm	Overall length inch	Overall length mm	g	
7913B-35	1/8~1-3/8	3~35	8-1/4	211	215	20 / 60
7913B-3511	Spare cutting blade				36	1 / 100

Ratchet Tubing Cutter

- For PVC, PP, PE, PEX, PB pipes
- Ratchet design for quick cutting

7913

KT NO.	inch	mm	Overall length inch	Overall length mm	g	
7913-42	1/2~1-5/8	6~42	8	201	360	10 / 50
7913-4211	Spare cutting blade				60	10 / 200

2-in-1 Ratchet Tubing Cutter

7913A-63

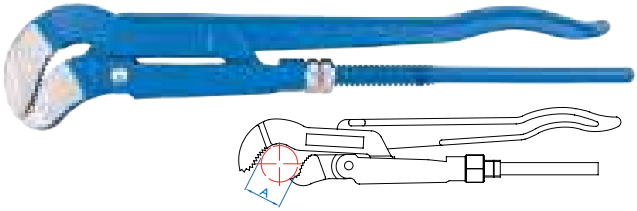
- Easy one-hand operation
- Cut into thick pipe and thin pipe
- Easily apply for max. 63 O.D.
- Comfortable TPR handle
- For unitary material tube: PE, PP, PVDF, PB, PVC or similar tube
- Advanced tool steel blade and aluminum body

KT NO.	inch	mm	Overall length inch	Overall length mm	g	
7913A-63	1/4~2-1/2	6~63	11-1/2	293	802	6 / 24
7913A-6311	Spare cutting blade				190	1 / 100

S Type Pipe Wrench

6521

- For nuts, bolts, flat material
- A non-detachable adjusting nut with round thread ensures a wide adjustment
- For working in confined space

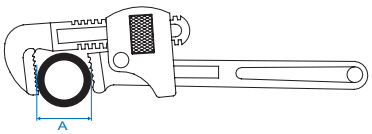


KT NO.	A mm	Size inch	Overall length inch	Overall length mm	g	
6521-09	13	1/2	9-1/4	235	415	1 / 20
6521-13	25	1	13	330	791	1 / 20
6521-16	38	1-1/2	16-1/2	420	1450	1 / 12
6521-21	51	2	21	535	2404	1 / 6
6521-26	76	3	25-5/8	652	5030	1 / 2

Pipe Wrench

6531

- Professional stillson type
- High quality steel

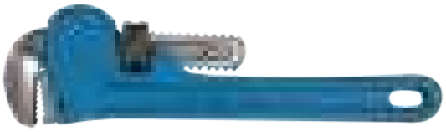


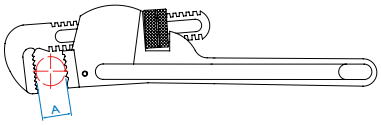
KT NO.	A inch	A mm	Overall length inch	Overall length mm	g	
6531-10	1-3/16	34	10	231	600	1 / 24
6531-12	1-9/16	42	12	271	780	1 / 24
6531-14	1-7/8	48	14	315	1050	1 / 12
6531-18	2-3/8	60	18	407	1720	1 / 12
6531-24	2-15/16	75	24	539	3150	1 / 6
6531-36	4	102	36	825	6280	1 / 2
6531-48	5-1/2	140	48	1034	9750	1 / 2

Pipe Wrench

6532

- Extra heavy stright type
- Forged parts tempered
- Teeth offset against direction of rotation and induction-hardened



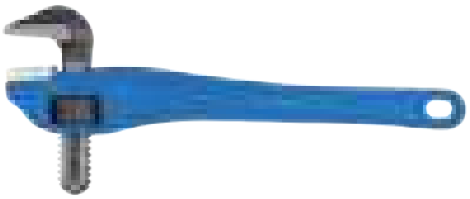


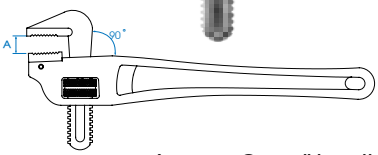
KT NO.	A mm	Overall length inch	Overall length mm	g	
6532-08	27	8	180	380	1 / 40
6532-10	30	10	245	700	1 / 20
6532-12	40	12	275	1050	1 / 20
6532-14	50	14	315	1340	1 / 12
6532-18	60	18	395	1960	1 / 12
6532-24	75	24	525	3640	1/ 6
6532-36	85	36	765	6300	1 / 2
6532-48	110	48	1025	9100	1 / 2

Aluminum Offset Pipe Wrench 90°

6541L

- Suitable for walls and floors, ceilings and other places beside the pipe work





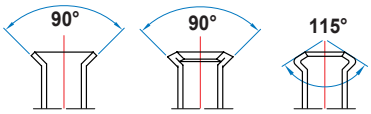
KT NO.	A mm	Overall length inch	Overall length mm	g	
6541-14L	60	14	356	856	1 / 20
6541-18L	76	18	457	1486	1 / 10

Flaring Tool Set

7CA0107M new

- For producing precision flares on copper, brass, aluminium pipes up to 1 mm wall thickness
- Suitable for pipes in refrigeration, air conditioning

7 PC.



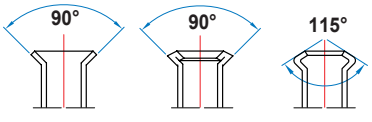
Single Double Bubble

Contents		kg 1.07	1 / 18
7CA22BP10M		4.75, 5, 6, 8, 10 mm	
7CA22BP01			
Adapters for expander		4.75, 5, 6, 8, 10 mm	

7CA0110S

- For producing precision flares on copper, brass, aluminium pipes up to 1 mm wall thickness
- Suitable for pipes in refrigeration, air conditioning

10 PC.



Single Double Bubble

Contents		kg 1.68	1 / 12
7915-30		3-30 mm 1/8~1-1/8"	
7CA22P20S		3/16", 1/4", 5/16", 3/8", 7/16",1/2", 5/8"	
7CA22P01			
Adapter for expander		3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"	

Tube Expander Set

7CA0309S

- For copper, aluminium pipe
- 8 expander heads sizes
- 6 mandrels design per each expander head is for swaging evenly, and providing accurate guiding force transmission
- For copper, brass, aluminium pipes up to 1.2 mm wall thickness

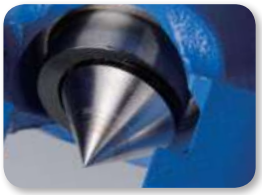
KT NO.	Contents	2.8	1 / 5
7CA23-14			
7CA23-A08S		1/4"	
7CA23-A12S		3/8"	
7CA23-A16S		1/2"	
7CA23-A20S		5/8"	
7CA23-A24S		3/4"	
7CA23-A28S		7/8"	
7CA23-A32S		1"	
7CA23-A36S		1-1/8"	

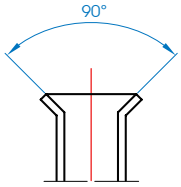
9 PC.

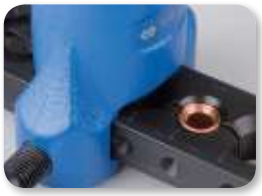
Flaring Tool

7CA21-24S

- Specifical design for smooth flares
- 45° flaring tool on copper pipes
- Designed for high pressure R410A systems







KT NO.	Capacity inch	max. (mm)		
7CA21-24S	1/4, 5/16, 3/8, 1/2, 5/8, 3/4	1.2	1556	1 / 12

Ratchet Pipe Threader Set

7CA0606S new

7CA0606S1 new

- Use to thread pipe for attach fitting and connector
- Thread sizes:
  4pcs interchangeable dies 1/2", 3/4", 1" and 1-1/4"
- Ratchet threader assembly with extension handle

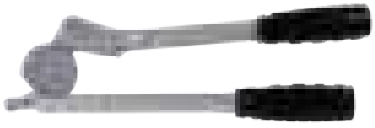
7 PC.

KT NO.	Thread Plug Gauge	Capacity	Contents				7.1	1 / 2
7CA0606S	BSPT	1/2"	7CA61-A01		7CA61-A011		7CA61P01	
		3/4"	7CA61-A02		7CA61-A021			
		1"	7CA61-A03		7CA61-A031			
		1-1/4"	7CA61-A04		7CA61-A041			
7CA0606S1	NPT	1/2"	7CA61-B01		7CA61-B011		7CA61P02	
		3/4"	7CA61-B02		7CA61-B021			
		1"	7CA61-B03		7CA61-B031		7CA61P03	
		1-1/4"	7CA61-B04		7CA61-B041			

180° Tube Bender

7CA11-08

- Suitable for use in refrigeration and air-conditioning, oil supply, heating installations, floor heating
- For accurate bending up to 180° of pipes made of soft copper, brass, aluminium and precision steel
- Bending with the bending radius display and measurement scale



KT NO.	inch	mm	max. inch	max. mm	R(radius) mm	Overall length inch	Overall length mm		
7CA11-08	5/16	8	0.035	0.9	18	9	236	712	1 / 20

7CA11M

7CA11-10M / 7CA11-12S
7CA11-12M / 7CA11-16S

7CA11S

7CA11-15M / 7CA11-16M
7CA11-20S / 7CA11-24S

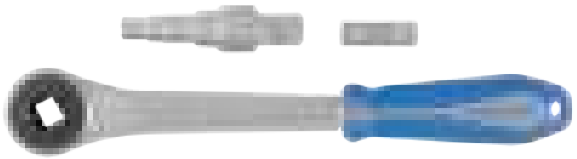
KT NO.	mm	max. (mm)	R(radius) inch	R(radius) mm	Overall length inch	Overall length mm		
7CA11-10M	10	0.9	15/16	24	13	334	964	1 / 20
7CA11-12M	12	1.2	1-1/2	38	20	493	1833	1 / 12
7CA11-15M	15	1.2	2-1/4	57	30	758	2832	1 / 8
7CA11-16M	16	1.2	2-1/4	57	30	758	2832	1 / 8

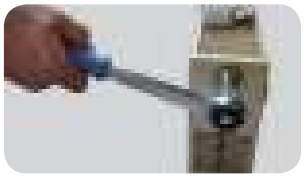
KT NO.	inch	max. (inch)	R(radius) inch	R(radius) mm	Overall length inch	Overall length mm		
7CA11-12S	3/8	0.035	15/16	24	13	334	964	1 / 20
7CA11-16S	1/2	0.049	1-1/2	38	20	493	1833	1 / 12
7CA11-20S	5/8	0.049	2-1/4	57	30	758	2832	1 / 6
7CA11-24S	3/4	0.049	3	76	30	758	3330	1 / 6

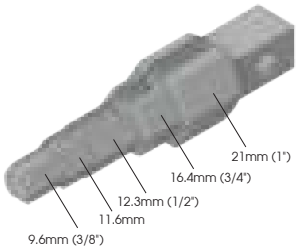
Stepped Ratchet Radiator key Set

7HA03

- Suitable for installation and removal of most radiator valves and tank connectors
- Key has fittings from small to large, stepped along the length of the key, for different internal hexagon and internal lug valve sizes
- 1/2"DR. ratchet makes installations quickly and easily
- 4724-11G can be used as general ratchet, DIN 3122, 11° gear action degree (32 teeth)







Hexagon A/F

Contents	0.74 kg	1 / 24
4724-11G		
7HA11		
4724-01		

A/C & Refrigeration Service Tools & Set

3411

- Present torque wrench, no adjustment
- Anti-slip open head design
- Offer customize torque setting from your requirement
- Tolerance of torque ±4%

KT NO.	Size mm	Nm	L mm	Pipe Ø	g	
341118-17M	17	18	244	1/4"	480	1 / 40
341142-22M	22	42	257	3/8"	480	1 / 40
341155-26M	26	55	266	1/2"	480	1 / 40
341165-29M	29	65	315	5/8"	570	1 / 20

3411003MR01

Contents	3.29 kg	1 / 5
3411	17 mm x 18 Nm 22 mm x 42 Nm 26 mm x 55 Nm 29 mm x 65 Nm	

4 PC.

SCREWDRIVERS & HEX KEY & BITS

- Screwdriver
- Insulated Screwdriver
- Nut Spinner
- Bit
- Ratchet Screwdriver
- Power Driving
- Hex Key
- Bicycle Repair Tool
- L-type & T-type Wrench
- Wing & Flag Handle torx Screwdriver

KING TONY

Screwdriver

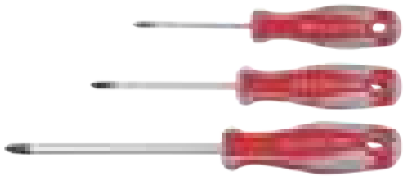
- Shank material - SNCM - V alloy steel
- Grip material - PP +TPR
- Finishing - chrome plated with black tip

KT No. & D1

1421

- Phillips head, round shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14210023	PH0	60	2-3/8	3.2	35	12 / 144
14210132	PH1	80	3-1/8	4.5	57	12 / 96
14210104	PH1	100	4	4.5	59	12 / 96
14210214	PH2	38	1-1/2	6.5	44	12 / 144
14210204	PH2	100	4	6.0	84	12 / 96
14210206	PH2	150	6	6.0	95	12 / 144
14210306	PH3	150	6	8.0	142	12 / 144



KT NO.	No.	mm	inch	mm	g	
14210112	PH1	300	12	4.5	85	12 / 96
14210212	PH2	300	12	6.0	127	12 / 96
14210116	PH1	400	16	4.5	93	12 / 96
14210216	PH2	400	16	6.0	150	12 / 96

xx12
1421xx16

1422

- Slotted head, round shank
- DIN ISO 2380

KT NO.	mm	inch	mm	mm	inch	mm	g	
14220303	3	1/8	0.5	75	3	3.2	38	12 / 144
14220404	4	5/32	0.8	100	4	4.0	56	12 / 96
14220503	5	3/16	0.8	75	3	5.0	60	12 / 96
14220504	5	3/16	0.8	100	4	5.0	62	12 / 96
14225503	5.5	7/32	1.0	75	3	5.0	71	12 / 96
14225504	5.5	7/32	1.0	100	4	5.0	75	12 / 96
14225505	5.5	7/32	1.0	125	5	5.0	78	12 / 144
14225506	5.5	7/32	1.0	150	6	5.0	82	12 / 144
14226514	6.5	1/4	1.2	38	1-1/2	6.5	44	12 / 144
14226504	6.5	1/4	1.2	100	4	6.0	84	12 / 96
14226506	6.5	1/4	1.2	150	6	6.0	94	12 / 144
14220806	8	5/16	1.2	150	6	8.0	141	12 / 144
14220807	8	5/16	1.2	175	7	8.0	153	12 / 144
14220808	8	5/16	1.2	200	8	8.0	163	12 / 144
14221008	10	3/8	1.6	200	8	10.0	212	12 / 72

KT NO.	mm	inch	mm	mm	inch	mm	g	
14220512	5	3/16	0.8	300	12	5	94	12 / 96
14220516	5	3/16	0.8	400	16	5	109	12 / 96
14226512	6.5	1/4	1.2	300	12	6	127	12 / 96
14226516	6.5	1/4	1.2	400	16	6	150	12 / 96

1422xx12
1422xx16

Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP +TPR
- Finishing - chrome plated with black tip

KT No. & D1

1423

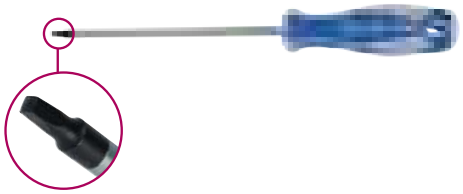
▪ For torx head screw, round shank

14232010, 14232510, 14233010 at the dashboard, car body, engine compart ment as well as in industry.

KT NO.	Size	mm	inch	mm	g	
14230602	T6	48	2	3.2	35	12 / 144
14230702	T7	48	2	3.2	35	12 / 144
14230803	T8	75	3	3.2	38	12 / 144
14230903	T9	75	3	3.2	38	12 / 144
14231003	T10	75	3	3.2	38	12 / 144
14231503	T15	75	3	4.0	55	12 / 144
14231510	T15	250	10	5.0	86	12 / 96
14232004	T20	100	4	5.0	63	12 / 144
14232010	T20	250	10	5.0	86	12 / 96
14232504	T25	100	4	6.0	83	12 / 144
14232510	T25	250	10	6.0	117	12 / 96
14232704	T27	100	4	6.0	83	12 / 144
14233005	T30	125	5	6.0	89	12 / 144
14233010	T30	250	10	6.0	118	12 / 96
14234006	T40	150	6	8.0	142	12 / 144

1424

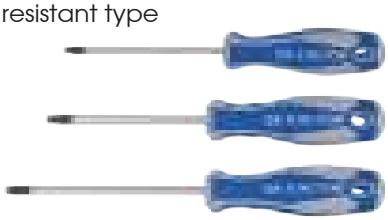
▪ Square head



KT NO.	Size	mm	inch	mm	g	
14240105	RB1	125	5	5	61	20 / 240
14240204	RB2	100	4	6	76	12 / 144
14240206	RB2	150	6	6	89	12 / 144

1427

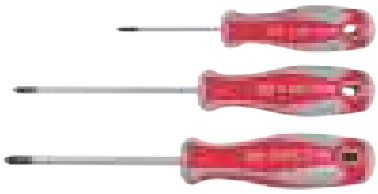
▪ For torx head screw, round shank
▪ Tamper resistant type



KT NO.	Size	mm	inch	mm	g	
14270803	T8H	75	3	3.2	38	12 / 144
14270903	T9H	75	3	3.2	38	12 / 144
14271003	T10H	75	3	3.2	38	12 / 144
14271503	T15H	75	3	4.0	55	12 / 144
14272004	T20H	100	4	5.0	53	12 / 144
14272504	T25H	100	4	6.0	83	12 / 144
14272704	T27H	100	4	6.0	83	12 / 144
14273005	T30H	125	5	6.0	89	12 / 144
14274006	T40H	150	6	8.0	142	12 / 144

1428

▪ Pozidriv head, round shank
▪ DIN ISO 8764



KT NO.	No.	mm	inch	mm	g	
14280023	PZ0	60	2-3/8	3.2	37	12 / 96
14280132	PZ1	80	3-1/8	4.5	56	12 / 96
14280104	PZ1	100	4	4.5	60	12 / 96
14280204	PZ2	100	4	6.0	84	12 / 96
14280306	PZ3	150	6	8.0	141	12 / 144

Screwdriver Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

KT NO.	PC.	Contents	Kg	
31107MR	7	1421 PH0 x 60, PH1 x 80, PH1 x 100, PH2 x 38, PH2 x 100, PH2 x 150, PH3 x 150	0.7	1 / 20
30118MR	8	1422 3 x 75, 5 x 75, 5 x 100, 8 x 150, 8 x 200,6.5 x 100,6.5 x 150, 6.5 x 38	0.9	1 / 20
30115MR	5	1421 PH1 x 80, PH2 x 100 1422 4 x 100, 5.5 x 125, 6.5 x 150	0.54	1 / 20
31116MR	6	1421 PH0 x 60, PH1 x 80, PH2 x 100 1422 3 x 75, 5.5 x 100, 6.5 x 150	0.56	1 / 20
31216MR	6	1421 PH1 x 80, PH2 x 100 1422 5 x 75, 5 x 100, 6.5 x 100, 6.5 x 150	0.65	1 / 20
30117MR	7	1421 PH1 x 80, PH2 x 100 1422 3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150, 8 x 175	0.77	1 / 20
33108MR	8	1421 PH0 x 60, PH1 x 100, PH2 x 100, PH2 x 38 1422 3 x 75, 5.5 x 100, 6.5 x 38, 6.5 x 100	1.3	1 / 10
30127MR	7	1421 PZ1 x 80, PZ2 x 100, PZ3 x 150 1422 4 x 100, 5.5 x 125, 6.5 x 150,8 x 175	0.82	1 / 20
30315PR	5	1423 T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125	0.37	1 / 20
new 30316PR	6	1423 T10 x 75, T15 x 75, T20 x 100, T25 x 100, T30 x 125, T40 x 150	0.48	1 / 20
30317PR	7	1423 T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150	0.78	1 / 20
30319PR	9	1423 T8 x 75, T9 x 75, T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150	0.88	1 / 20
30307PR	7	1423 10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150	0.78	1 / 20
30309PR	9	1423 T8H x 75, T9H x 75, T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150	0.88	1 / 20

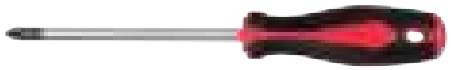
Screwdriver & Set

- Shank material - S2 alloy steel
- Grip material - PP +TPR
- Finishing - Magnet chrome plated with black tip

14A1 new

- Phillips head, round shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14A10132	PH1	80	3-1/8	5	60	12 / 96
14A10214	PH2	38	1-1/2	6	45	12 / 144
14A10204	PH2	100	4	6	88	12 / 96
14A10306	PH3	150	6	8	144	12 / 144



14A2 new

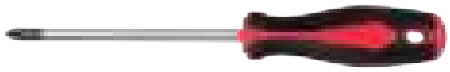
- Slotted head, round shank
- DIN ISO 2380

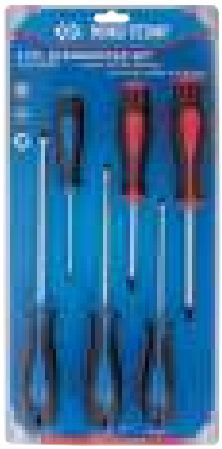
KT NO.	mm	inch	mm	mm	inch	mm	g	
14A20303	3	1/8	0.6	75	3	3.0	37	12 / 144
14A20404	4	5/32	0.8	100	4	4.0	56	12 / 96
14A25504	5.5	5/32	1.0	100	4	5.5	82	12 / 96
14A25505	5.5	7/32	1.0	125	5	5.5	86	12 / 144
14A26514	6.5	1/4	1.2	38	1-1/2	6.5	47	12 / 144
14A26506	6.5	1/4	1.2	150	6	6.5	105	12 / 144
14A20808	8	5/16	1.6	200	8	8.0	166	12 / 144

14A8 new

- Pozidriv head, round shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14A80132	PZ1	80	3-1/8	5	60	12 / 96
14A80204	PZ2	100	4	6	89	12 / 96





KT NO.	PC.		Contents	kg	
new 30106AMRB	6	14A1	PH1 x 80, PH2 x 100	0.56	1 / 12
		14A2	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150		
new 30116AMRB	6	14A8	PZ1 x 80, PZ2 x 100	0.56	1 / 12
		14A2	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150		
new 30107AMRB	7	14A1	PH1 x 80, PH2 x 100, PH3 x 150	0.82	1 / 12
		14A2	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150		

Screwdriver

- Shank material - Chrome vanadium alloy steel
- Finishing - chrome plated
- Grip material - PP

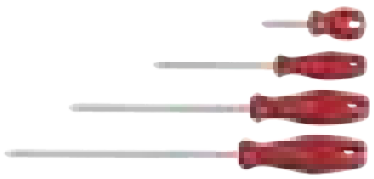
KT No. & D1

1411

- Phillips head, round shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14110003	PH0	75	3	3	27	12 / 240
14110104	PH1	100	4	5	40.8	12 / 240
14110214	PH2	38	1-1/2	6	30	12 / 144
14110204	PH2	100	4	6	70	12 / 96
14110204-E*	PH2	100	4	6	84	12 / 96
14110205-E*	PH2	125	5	6	114	12 / 144
14110206	PH2	150	6	6	82	12 / 144
14110206-E*	PH2	150	6	6	96	12 / 144
14110208-E*	PH2	200	8	6	137	12 / 144
14110306	PH3	150	6	8	126	12 / 144
14110308	PH3	200	8	8	146	12 / 144

* Enlarged handle



1412

- Slotted head, round shank
- DIN ISO 2380

KT NO.	mm	inch	mm	mm	inch	mm	g	
14120303	3.0	1/8	0.5	75	3	3	27.0	12 / 240
14120404	4.0	5/32	0.8	100	4	4	33.4	12 / 240
14125504	5.5	7/32	0.8	100	4	5	41.0	12 / 240
14126514	6.5	1/4	1.2	38	1-1/2	6	30.0	12 / 144
14126504	6.5	1/4	1.2	100	4	6	70.0	12 / 96
14126504-E*	6.5	1/4	1.2	100	4	6	107.0	12 / 96
14126506	6.5	1/4	1.2	150	6	6	79.4	12 / 144
14126506-E*	6.5	1/4	1.2	150	6	6	124.0	12 / 144
14120806	8.0	5/16	1.2	150	6	8	124.0	12 / 144
14120808	8.0	5/16	1.2	200	8	8	146.0	12 / 144

* Enlarged handle

2411

- Two-way screwdriver hex shank

KT NO.	No.	mm	mm	mm	inch	g	
24110204	PH2	7	1.2	100	4	89	20 / 240
24110214	PH2	7	1.2	38	1-1/2	42	20 /240

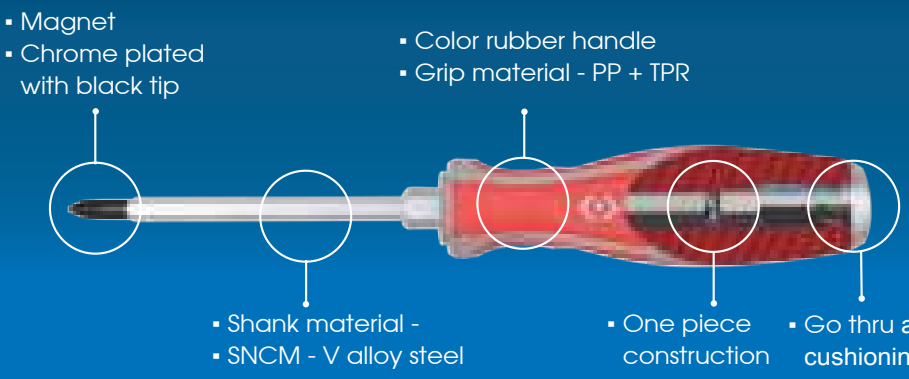
24110204

24110214

Screwdriver Set

- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated

KT NO.	PC.		Contents	kg	
35105MR	5	1411	PH1 x 100, PH2 x 100	0.54	1 / 20
		1412	4 x 100, 5.5 x 100, 6.5 x 150		
35116MR01	6	1411	PH1 x 100, PH2 x 100, PH3 x 150	0.65	1 / 20
		1412	4 x 100, 5.5 x 100, 6.5 x 150		
35107MR	7	1411	PH1 x 100, PH2 x 100, PH3 x 150	0.72	1 / 20
		1412	4 x 100, 5.5 x 100, 6.5 x 150, 8 x 150		



Go Thru Screwdriver & Set

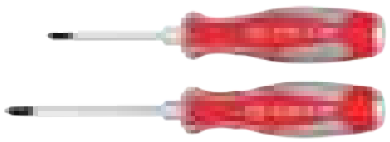
- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tips

KT No. & D1

1461

- Phillips head, hex-shank
- DIN ISO 8764

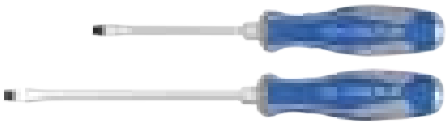
KT NO.	No.	mm	inch	mm	g	
14610103	PH1	75	3	5	120	12 / 96
14610204	PH2	100	4	6	134	12 / 96
14610206	PH2	150	6	6	144	12 / 144
14610306	PH3	150	6	8	219	12 / 96



1462

- Slotted head, hex-shank
- DIN ISO 2380

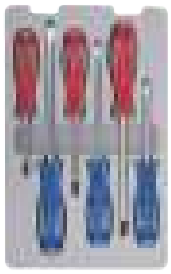
KT NO.	mm	inch	mm	mm	inch	mm	g	
14625504	5.5	7/32	1.0	100	4	5	123	12 / 96
14626504	6.5	1/4	1.2	100	4	6	134	12 / 96
14626506	6.5	1/4	1.2	150	6	6	146	12 / 144
14620806	8.0	5/16	1.2	150	6	8	219	12 / 144
14620807	8.0	5/16	1.2	175	7	8	228	12 / 96
14621008	10.0	3/8	1.6	200	8	10	310	12 / 72
new 14621012	10.0	3/8	1.6	300	12	10	378	10 / 60
14621210	12.0	15/32	2.0	250	10	10	346	10 / 40



30206MR

Contents — 1.2 kg — 1 / 20

1461	PH1 x 75, PH2 x 100, PH3 x 150
1462	5.5 x 100, 6.5 x 150, 8.0 x 175



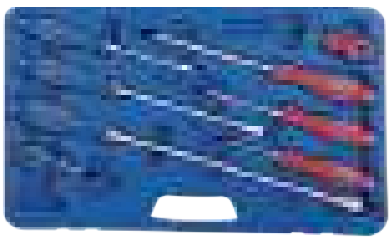
6 PC.

35208MR new

Blow case size (mm) :
430 x 300 x 50 (1.29 cuft)

Contents — 2.16 kg — 1 / 4

1461	PH1 x 75, PH2 x 100, PH3 x 150
1462	6.5 x 100, 8.0 x 175, 10 x 300
1421	PH2 x 38
1422	6.5 x 38



8 PC.

Go Thru Screwdriver & Set

- Shank material - S2 alloy steel
- Grip material - PP + TPR
- Finishing - Magnet chrome plated with black tip

14B1 new

- Phillips head, hex-shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14B10103	PH1	75	3	5	130	12 / 96
14B10204	PH2	100	4	6	134	12 / 96
14B10206	PH2	150	6	6	145	12 / 144
14B10306	PH3	150	6	8	241	12 / 96

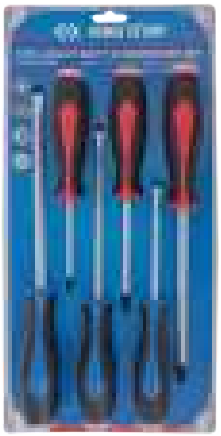
14B2 new

- Slotted head, hex-shank
- DIN ISO 2380

KT NO.	mm	inch	mm	mm	inch	mm	g	
14B25504	5.5	7/32	1.0	100	4	5.5	139	12 / 96
14B26506	6.5	1/4	1.2	150	6	6.5	164	12 / 144
14B20807	8.0	5/16	1.6	175	7	8.0	252	12 / 96

30206AMRB new

6 PC.



Contents — 1.2 kg — 1 / 12

14B1	PH1 x 75, PH2 x 100, PH3 x 150
14B2	5.5 x 100, 6.5 x 150, 8.0 x 175

Go Thru Screwdriver

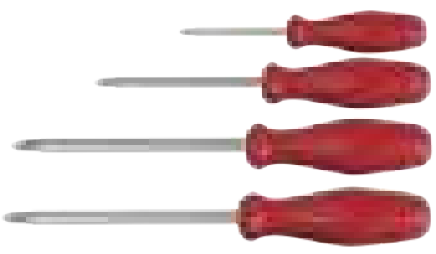
- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated

1481

- Phillips head, hex-shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14810103	PH1	75	3	5	48	12 / 240
14810204	PH2	100	4	6	86	12 / 144
14810204-E*	PH2	100	4	6	130	12 / 96
14810205	PH2	125	5	6	94	12 / 144
14810205-E*	PH2	125	5	6	170	12 / 144
14810306	PH3	150	6	8	170	12 / 144
14810412	PH4	300	12	10	362	10 / 40

* Enlarged handle



Go Thru Screwdriver & Set

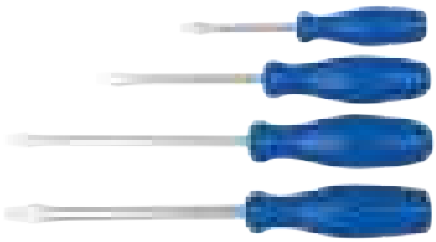
- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated

KT No. & D1

1482

- Slotted head, hex-shank
- DIN ISO 2380

KT NO.	mm	inch	mm	mm	inch	mm	g	
14825503	5.5	7/32	0.8	75	3	5	50	12 / 240
14826504	6.5	1/4	1.2	100	4	6	88	12 / 144
14826504-E*	5.5	1/4	1.2	100	4	6	130	12 / 96
14826505-E*	6.5	1/4	1.2	125	5	6	170	12 / 144
14826506	6.5	1/4	1.2	150	6	6	120	12 / 144
14820806	8.0	5/16	1.2	150	6	8	169	12 / 144
14821012	10.0	12/32	1.6	300	12	10	322	10 / 40



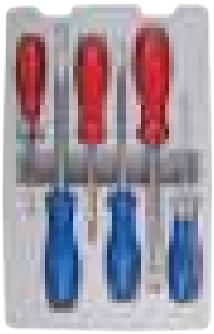
* Enlarged handle

36206MR

6 PC.

Contents — 0.97 kg — 1 / 20

1481	PH1 x 75, PH2 x 100, PH3 x 150
1482	5.5 x 75, 6.5 x 150, 8.0 x 150

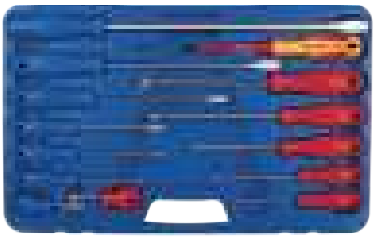


35114MR

35114MR01

- Standard & insulated & go thru screwdriver set

14 PC.



Contents — 2.4 kg — 1 / 4

KT NO.			Contents	
35114MR	1472	6.5 x 150	1411	PH0 x 75, PH1 x 100, PH2 x 100, PH2 x 150, PH2 x 38, PH3 x 150
			1412	3 x 75, 4 x 100, 5.5 x 100, 6.5 x 150, 6.5 x 38, 8 x 200
35114MR01	1478	PZ2 x 100	1482	10 x 300

Screwdriver Set

31416MR

▪ Standard screwdriver set

KT NO.	Contents		Each Q'ty
31416MR	⊕ 1421	PH0 x 60, PH1 x 80, PH1 x 100, PH2 x 38, PH2 x 100, PH2 x 150, PH3 x 150	6
	⊖ 1422	3.0 x 75, 4.0 x 100, 5.5 x 75, 5.5 x 100, 5.5 x 125, 6.5 x 38, 6.5 x 100, 6.5 x 150, 8.0 x 150	

96 PC.

Screwdriver shelf size (mm) : 600 x 240 x 210

KT NO.	Kg	CUFT
31416MR-A	3.3	1.97
31416MR-D	6.2	0.71

31516MR

▪ Standard & go thru screwdriver set

KT NO.	Contents		Each Q'ty
31516MR	1427	T8H x 75, T9H x 75, T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150	6
	⊕ 1461	PH1 x 75, PH2 x 100, PH3 x 150	
	⊖ 1462	5.5 x 100, 6.5 x 100, 6.5 x 150, 8.0 x 175	

96 PC.

Screwdriver shelf size (mm) : 600 x 240 x 210

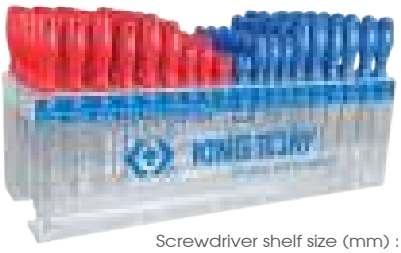
KT NO.	Kg	CUFT
31516MR-A	3.3	1.97
31516MR-D	10.1	0.71

31519MR

▪ Standard Screwdriver set

KT NO.	Contents		Each Q'ty
31519MR	⊕ 1411	PH0 x 75, PH1 x 100, PH2 x 100, PH2 x 100E*, PH2 x 150, PH2 x 150E*, PH2 x 38, PH3 x 150, PH3 x 200	6
	⊖ 1412	3.0 x 75, 4.0 x 100, 5.5 x 100, 6.5 x 100, 6.5 x 150, 6.5 x 100E*, 6.5 x 38, 8 x 150, 8 x 200, 6.5 x 150E*	

* Enlarged handle



114 PC.

Screwdriver shelf size (mm) : 650 x 250 x 210

KT NO.	Kg	CUFT
31519MR-A	3.5	1.97
31519MR-D	10.34	0.71

31512MR 31512MR01

▪ Standard & go thru screwdriver set

KT NO.	Contents			Each Q'ty
31512MR	⊕ 1481	PH2 x 125	⊕⊖ 24110204 PH2 x 100	6
	⊖ 1482	6.5 x 150	⊕⊖ 24110214 PH2 x 38	
31512MR01	⊕ 1481	PH2 x 125E*	⊕ 1481 PH2 x 100, PH1 x 75, PH2 x 100E*, PH3 x 150	
	⊖ 1482	6.5 x 125E*	⊖ 1482 5.5 x 75, 6.5 x 100, 6.5 x 100E*, 8 x 150	

72 PC.

Screwdriver shelf size (mm) : 420 x 250 x 210

KT NO.	Kg	CUFT
31512MR-A	2.47	0.78
31512MR-D	8.23	0.71
31512MR01-A	3.5	1.50
31512MR01-D	7.86	0.38

Screwdriver Display

87104

- Overall size -W 325 x D 205 x H 270 mm
- Weight - 1.2 Kg / Cuft - 0.3

Reversible Handle

91232

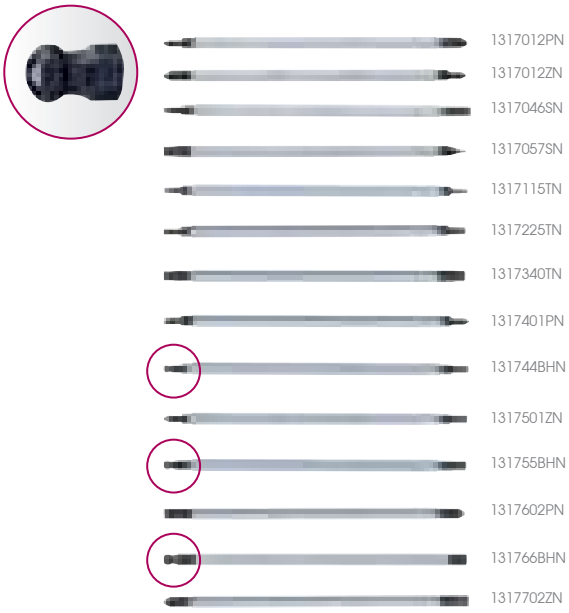
KT NO.	mm	inch		
91232	135	5-1/4	84	12 / 144

Power Bit

1317

- Bits for screwdriver handle 91232
- Material - SNCM - V alloy steel

KT NO.	Size		mm	inch		
1317012PN	PH1	PH2	175	7	45	40 / 400
1317012ZN	PZ2	PZ1	175	7	45	40 / 400
1317046SN	4.0	6.0	175	7	45	40 / 400
1317057SN	5.0	7.0	175	7	45	40 / 400
1317115TN	T10	T15	175	7	45	40 / 400
1317225TN	T20	T25	175	7	45	40 / 400
1317340TN	T30	T40	175	7	45	40 / 400
1317401PN	4.0	PH1	175	7	45	40 / 400
131744BHN	B4	H4	175	7	45	40 / 400
1317501ZN	5.0	PZ1	175	7	45	40 / 400
131755BHN	B5	H5	175	7	45	40 / 400
1317602PN	6.0	PH2	175	7	45	40 / 400
131766BHN	B6	H6	175	7	45	40 / 400
1317702ZN	7.0	PZ2	175	7	45	40 / 400



Screwdriver Set

32518MR

- Two-way screwdriver set

Contents				0.7	1 / 20
1317012PN	PH1				PH2
1317012ZN	PZ2				PZ1
1317046SN	4.0				6.0
1317057SN	5.0				7.0
1317115TN	T10				T15
1317225TN	T20				T25
1317340TN	T30				T40
131744BHN	B4				H4
131755BHN	B5				H5
131766BHN	B6				H6
91232					

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Shank finishing - chrome plated

11 PC.

Blow case size (mm) : 233 x 120 x 43 (0.04cuft)

Screwdriver Set

32518MR01

- Two-way screwdriver set

11 PC.

Blow case size (mm) : 233 x 120 x 43 (0.04cuft)

Contents					0.76	1 / 20
1317115TN		T10			T15	
1317225TN		T20			T25	
1317340TN		T30			T40	
1317401PN		4.0			PH1	
131744BHN		B4			H4	
1317501ZN		5.0			PZ1	
131755BHN		B5			H5	
1317602PN		6.0			PH2	
131766BHN		B6			H6	
1317702ZN		7.0			PZ2	
91232						

32518MR02

- Two-way screwdriver set

11 PC.

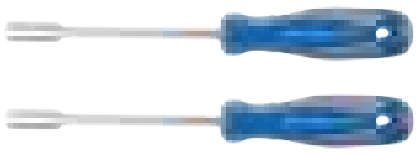
Blow case size (mm) : 233 x 120 x 43 (0.04cuft)

Contents					0.7	1 / 20
1317115TN		T10			T15	
1317225TN		T20			T25	
1317340TN		T30			T40	
1317401PN		4.0			PH1	
131744BHN		B4			H4	
1317012PN		PH1			PH2	
131755BHN		B5			H5	
1317602PN		6.0			PH2	
131766BHN		B6			H6	
1317057SN		5.0			7.0	
91232						

Nut Spinner

- Shank material - chrome vanadium alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated

1450



KT NO.	mm	mm	mm	mm	g	
1450-04	4.0	4.5	125	225	74	12 / 144
1450-45	4.5	4.5	125	225	76	12 / 144
1450-05	5.0	5.0	125	225	75	12 / 144
1450-55	5.5	5.0	125	225	81	12 / 144
1450-06	6.0	6.0	125	225	81	12 / 144
1450-07	7.0	6.0	125	235	103	12 / 144
1450-08	8.0	7.0	125	235	108	12 / 144
1450-09	9.0	7.0	125	235	110	12 / 144
1450-10	10.0	8.0	125	235	114	12 / 144
1450-11	11.0	9.0	125	245	166	12 / 144
1450-12	12.0	10.0	125	245	168	12 / 144
1450-13	13.0	10.0	125	245	173	10 / 120

5450

KT NO.	inch	mm	mm	mm	g	
5450-08	1/4	12.0	125	223	80	12 / 144
5450-10	5/16	8.2	125	223	105	12 / 144

Flexible Nut Spinner

1453

KT NO.	mm	mm	mm	mm	g	
1453-05	5	14.3	190	300	136	12 / 144
1453-06	6	14.1	190	300	135	12 / 144
1453-07	7	14.5	190	300	134	12 / 144
1453-08	8	13.2	190	300	133	12 / 144
1453-10	10	12.7	190	300	132	12 / 144

- For the hose clamps on radiator hoses

Insulated Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

1000V

KT No. & D1

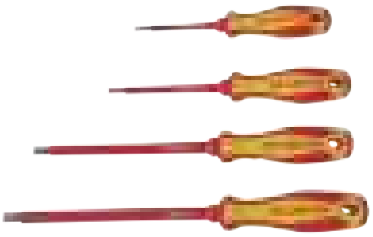
1471

- Phillips head, round shank
- IEC 60900:2004

KT NO.	No.	mm	inch	mm	g	
14710003	PH0	75	3	3.0	37	12 / 144
14710104	PH1	100	4	4.5	54	12 / 216
14710204	PH2	100	4	6.0	77	12 / 144
14710306	PH3	150	6	8.0	135	12 / 144

1472

- Slotted head, round shank
- IEC 60900:2004



KT NO.	mm	inch	mm	mm	inch	mm	g	
14720303	3	1/8	0.5	75	3	3.0	38	12 / 144
14720404	4	3/16	0.8	100	4	4.0	44	12 / 96
new 14723504	3.5	1/8	0.6	100	4	3.5	54	12 / 144
14725505	5.5	7/32	1	125	5	5.5	72	12 / 144
14726506	6.5	1/4	1.2	150	6	6.5	87	12 / 144
14720807	8	5/16	1.2	175	7	8.0	143	12 / 144

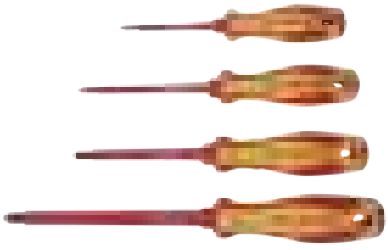
1474

- Square head, round shank
- IEC 60900:2004

KT NO.	Size	mm	inch	mm	g	
14740105	RB1	125	5	5.5	72	12 / 144
14740206	RB2	150	6	6.5	87	12 / 144

1478

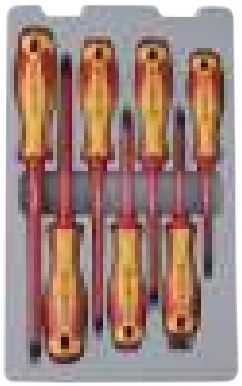
- Pozidriv head, round shank
- IEC 60900:2004



KT NO.	Size	mm	inch	mm	g	
14780003	PZ0	75	3	3.0	37	12 / 144
14780104	PZ1	100	4	4.5	54	12 / 96
14780204	PZ2	100	4	6.0	77	12 / 144
14780306	PZ3	150	6	8.0	135	12 / 144

Insulated Screwdriver Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip



KT NO.	PC.	Contents		0.86	1 / 20
30607MR	7	1472	4 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 175		
		1478	PZ1 x 100, PZ2 x 100, PZ3 x 150		
30607MR02	7	1471	PH1 x 100, PH2 x 100		
		1472	4 x 100, 5.5 x 125, 6.5 x 150		
		1474	1 x 125, 2 x 150		
30617MR	7	1471	PH1 x 100, PH2 x 100, PH3 x 150		
		1472	4 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 175		

KT NO.	PC.	Contents		0.50	1 / 30
30605MR	5	1472	4 x 100, 5.5 x 125, 6.5 x 150		
		1478	PZ1 x 100, PZ2 x 100		
30615MR	5	1471	PH1 x 100, PH2 x 100		
		1472	4 x 100, 5.5 x 125, 6.5 x 150		

Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- Total length : 25 mm

1/4" Hex size shank driver

order unit :one box

Item No.xxxxxxx.B

1025P

- DIN ISO 2351-2

KT NO.	No.	g	
102500P (102500P.B)	PH0	5	20 / 200 (50 / 1000)
102501P (102501P.B)	PH1	5	
102502P (102502P.B)	PH2	6	
102503P (102503P.B)	PH3	6	
102504P (102504P.B)	PH4	6	

102512P

- Reduced for dry-wall
- DIN ISO 2351-2

KT NO.	No.	g	
102512P (102512P.B)	PH2	6	20 / 200 (50 / 1000)

1025T

- For torx head screw

KT NO.	Size	g	
102506T (102506T.B)	T6	5	20 / 200 (50 / 1000)
102507T (102507T.B)	T7	5	
102508T (102508T.B)	T8	5	
102509T (102509T.B)	T9	5	
102510T (102510T.B)	T10	5	
102515T (102515T.B)	T15	5	
102520T (102520T.B)	T20	5	
102525T (102525T.B)	T25	5	
102527T (102527T.B)	T27	5	
102530T (102530T.B)	T30	5	
102535T (102535T.B)	T35	6	
102540T (102540T.B)	T40	6	
102545T (102545T.B)	T45	7	
102550T (102550T.B)	T50	8	

1025S

- DIN ISO 2351-1

KT NO.	Tip width (mm)	Tip thickness (mm)	g	
102503S1 (102503S1.B)	3.0	0.5	5	20 / 200 (50 / 1000)
102535S1 (102535S1.B)	3.5	0.6	5	
102504S1 (102504S1.B)	4.0	0.5	5	
102504S2 (102504S2.B)	4.0	0.8	5	
102545S1 (102545S1.B)	4.5	0.6	5	
102505S1 (102505S1.B)	5.0	0.8	5	
102555S1 (102555S1.B)	5.5	0.8	5	
102555S2 (102555S2.B)	5.5	1.0	5	
102506S1 (102506S1.B)	6.0	1.0	5	
102565S1 (102565S1.B)	6.5	1.2	6	
102507S1 (102507S1.B)	7.0	1.2	6	
102508S1 (102508S1.B)	8.0	1.2	6	
102508S2 (102508S2.B)	8.0	1.6	6	

1025U

- For torx head screw
- Tamper resistant type

KT NO.	Size	g	
102507U (102507U.B)	T7H	4	20 / 200 (50 / 1000)
102508U (102508U.B)	T8H	5	
102509U (102509U.B)	T9H	5	
102510U (102510U.B)	T10H	5	
102515U (102515U.B)	T15H	5	
102520U (102520U.B)	T20H	5	
102525U (102525U.B)	T25H	5	
102527U (102527U.B)	T27H	5	
102530U (102530U.B)	T30H	6	
102540U (102540U.B)	T40H	6	

1025H 5025H

- DIN ISO 2351-3

KT NO.	mm	g	
102515H (102515H.B)	H1.5	4	20 / 200 (50 / 1000)
102502H (102502H.B)	H2	5	
102525H (102525H.B)	H2.5	5	
102503H (102503H.B)	H3	5	
102504H (102504H.B)	H4	6	
102505H (102505H.B)	H5	6	
102506H (102506H.B)	H6	6	
102507H (102507H.B)	H7	8	
102508H (102508H.B)	H8	9	
102510H (102510H.B)	H10	12	

KT NO.	inch	g	
502503H (502503H.B)	3/64	4	20 / 200 (50 / 1000)
502504H (502504H.B)	1/16	4	
502505H (502505H.B)	5/64	5	
502506H (502506H.B)	3/32	5	
502507H (502507H.B)	7/64	5	
502508H (502508H.B)	1/8	5	
502509H (502509H.B)	9/64	5	
502510H (502510H.B)	5/32	5	

1025M

- DIN 65254

KT NO.	size	g	
102504M	M4	5	20 / 200
102505M	M5	5	
102506M	M6	6	
102508M	M8	7	
102510M	M10	10	

1025V

- For inside 5-star screw
- Tamper resistant type

KT NO.	Size	g	
102508V	IPR 8	5	20 / 200
102509V	IPR 9	5	
102510V	IPR 10	5	
102515V	IPR 15	5	
102520V	IPR 20	5	
102525V	IPR 25	5	
102527V	IPR 27	5	
102530V	IPR 30	5	
102540V	IPR 40	6	

Bit

1/4" Hex size shank driver

order unit : one blister card

Item No.xxxxxxx.B

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

5/16" Hex size shank driver

order unit : one box

1025Z

- Pozidriv type
- DIN ISO 2351-2

KT NO.	No.		
102501Z (102501Z.B)	PZ1	5	20 / 200 (50 / 1000)
102502Z (102502Z.B)	PZ2	6	
102503Z (102503Z.B)	PZ3	6	

1025R

KT NO.	Size		
102500R (102500R.B)	RB0	5	20 / 200 (50 / 1000)
102501R (102501R.B)	RB1	5	
102502R (102502R.B)	RB2	6	
102503R (102503R.B)	RB3	6	

1360Z

KT NO.	No.	Overall length (mm)		
1360012Z	PZ1 / PZ2	60	13	10 / 100
1360022Z	PZ2 / PZ2	60	14	
1360023Z	PZ2 / PZ3	60	14	

1360Z

KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)		
1360451Z	PZ1	4.5	0.6	60	13	10 / 100
1360552Z	PZ2	5.5	1.0	60	14	
1360703Z	PZ3	7.0	1.2	60	14	

1360P

KT NO.	No.	Overall length (mm)		
1360012P	PH1 / PH2	60	13	10 / 100
1360022P	PH2 / PH2	60	14	
1360023P	PH2 / PH3	60	14	

1360P

KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)		
1360451P	PH1	4.5	0.6	60	13	10 / 100
1360552P	PH2	5.5	0.8	60	14	
1360703P	PH3	7.0	1.2	60	14	

1800P

- 36 / 80 / 125mmL
- DIN ISO 2251-2

KT NO.	No.	Overall length (mm)		
183601P	PH1	36	12	20 / 200
183602P	PH2	36	12	20 / 200
183603P	PH3	36	12	20 / 200
183604P	PH4	36	12	20 / 200
188002P	PH2	80	31	10 / 100
188003P	PH3	80	31	10 / 100
188004P	PH4	80	31	10 / 100
181202P	PH2	125	50	10 / 100
181203P	PH3	125	50	10 / 100

1800S

- 36 / 80mmL
- DIN ISO 2351-1

KT NO.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)		
183608S	8	1.2	36	12	20 / 200
183609S	9	1.6	36	13	20 / 200
183610S	10	1.6	36	15	20 / 200
183611S	11	2.0	36	16	20 / 200
183612S	12	2.0	36	18	12 / 120
183614S	14	2.0	36	21	12 / 120
188008S	8	1.2	80	32	10 / 100
188010S	10	1.6	80	33	10 / 100
188012S	12	2.0	80	34	6 / 60

1800H

- 32 / 36 mmL

KT NO.	mm	Overall length (mm)		
183203H	H3	32	9	20 / 200
183204H	H4	32	10	20 / 200
183205H	H5	32	10	20 / 200
183206H	H6	32	11	20 / 200
183207H	H7	32	12	20 / 200
183208H	H8	32	13	20 / 200
183210H	H10	32	17	20 / 200
183212H	H12	32	22	12 / 120
183604H	H4	36	11	20 / 200
183605H	H5	36	12	20 / 200
183606H	H6	36	13	20 / 200
183607H	H7	36	14	20 / 200
183608H	H8	36	15	20 / 200
183610H	H10	36	19	20 / 200
183612H	H12	36	25	12 / 120
183614H	H14	36	31	12 / 120

Bit

5/16" Hex size shank driver

order unit : one box

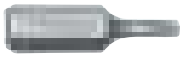
- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

10mm Hex size shank driver

order unit : one blister card

1800T

- For torx internal screws
  32 / 36 / 70 mmL



KT NO.	Size	Overall length (mm)	g	
183215T	T15	32	10	20 / 200
183220T	T20	32	10	20 / 200
183225T	T25	32	10	20 / 200
183227T	T27	32	11	20 / 200
183230T	T30	32	11	20 / 200
183240T	T40	32	11	20 / 200
183245T	T45	32	11	20 / 200
183250T	T50	32	11	20 / 200
183620T	T20	36	11	20 / 200
183625T	T25	36	11	20 / 200
183627T	T27	36	11	20 / 200
183630T	T30	36	12	20 / 200
183635T	T35	36	12	20 / 200
183640T	T40	36	13	20 / 200
183645T	T45	36	13	20 / 200
183650T	T50	36	14	20 / 200
183655T	T55	36	19	20 / 200
183660T	T60	36	22	12 / 120
187015T	T15	70	22	10 / 100
187020T	T20	70	22	10 / 100
187025T	T25	70	22	10 / 100
187027T	T27	70	22	10 / 100
187030T	T30	70	22	10 / 100
187040T	T40	70	22	10 / 100
187045T	T45	70	22	10 / 100
187050T	T50	70	22	10 / 100

1836Z

- 36 mmL

KT NO.	No.	Overall length (mm)	g	
183602Z	PZ2	36	12	20 / 200
183603Z	PZ3	36	12	20 / 200
183604Z	PZ4	36	13	20 / 200

1600H

- 36 / 80mmL

1636xxH

1680xxH

KT NO.	mm	Overall length (mm)	g	
163604H	H4	36	17	12 / 120
163605H	H5	36	19	12 / 120
163606H	H6	36	19	12 / 120
163607H	H7	36	20	12 / 120
163608H	H8	36	21	12 / 120
163609H	H9	36	23	12 / 120
163610H	H10	36	24	12 / 120
163612H	H12	36	31	12 / 120
168004H	H4	80	47	6 / 60
168005H	H5	80	48	6 / 60
168006H	H6	80	49	6 / 60
168007H	H7	80	50	6 / 60
168008H	H8	80	51	6 / 60
168009H	H9	80	52	6 / 60
168010H	H10	80	54	6 / 60
168012H	H12	80	73	6 / 60

1600T

- For torx head screw
- 36 / 80mmL

1636xxT

1680xxT

KT NO.	Size	Overall length (mm)	g	
163610T	T10	36	17	12 / 120
163615T	T15	36	17	12 / 120
163620T	T20	36	18	12 / 120
163625T	T25	36	18	12 / 120
163627T	T27	36	18	12 / 120
163630T	T30	36	18	12 / 120
163640T	T40	36	20	12 / 120
163645T	T45	36	21	12 / 120
163650T	T50	36	23	12 / 120
163655T	T55	36	28	12 / 120
163660T	T60	36	33	12 / 120
168010T	T10	80	46	6 / 60
168015T	T15	80	47	6 / 60
168020T	T20	80	47	6 / 60
168025T	T25	80	47	6 / 60
168027T	T27	80	47	6 / 60
168030T	T30	80	47	6 / 60
168040T	T40	80	48	6 / 60
168045T	T45	80	49	6 / 60
168050T	T50	80	50	6 / 60
168055T	T55	80	52	6 / 60
168060T	T60	80	70	6 / 60

Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

10mm Hex size shank driver

order unit : one blister card

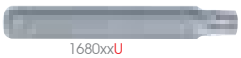
1600E

- For torx Plus head screw
- 36 / 80mmL

KT NO.	Size	Overall length (mm)	g	
163610E	IP10	36	15	12 / 120
163615E	IP15	36	16	12 / 120
163620E	IP20	36	16	12 / 120
163625E	IP25	36	16	12 / 120
163627E	IP27	36	17	12 / 120
163630E	IP30	36	17	12 / 120
163640E	IP40	36	18	12 / 120
163645E	IP45	36	20	12 / 120
163650E	IP50	36	21	12 / 120
163655E	IP55	36	25	12 / 120
163660E	IP60	36	31	12 / 120
168010E	IP10	80	45	6 / 60
168015E	IP15	80	45	6 / 60
168020E	IP20	80	45	6 / 60
168025E	IP25	80	46	6 / 60
168027E	IP27	80	46	6 / 60
168030E	IP30	80	47	6 / 60
168040E	IP40	80	48	6 / 60
168045E	IP45	80	49	6 / 60
168050E	IP50	80	50	6 / 60
168055E	IP55	80	60	6 / 60
168060E	IP60	80	79	6 / 60

1600U

- For torx head screw
- Tamper resistant type
- 36 / 80mmL



KT NO.	Size	Overall length (mm)	g	
163610U	T10H	36	17	12 / 120
163615U	T15H	36	17	12 / 120
163620U	T20H	36	18	12 / 120
163625U	T25H	36	18	12 / 120
163627U	T27H	36	18	12 / 120
163630U	T30H	36	18	12 / 120
163640U	T40H	36	20	12 / 120
163645U	T45H	36	21	12 / 120
163650U	T50H	36	23	12 / 120
163655U	T55H	36	28	12 / 120
163660U	T60H	36	33	12 / 120
168010U	T10H	80	46	6 / 60
168015U	T15H	80	47	6 / 60
168020U	T20H	80	47	6 / 60
168025U	T25H	80	47	6 / 60
168027U	T27H	80	47	6 / 60
168030U	T30H	80	47	6 / 60
168040U	T40H	80	48	6 / 60
168045U	T45H	80	49	6 / 60
168050U	T50H	80	50	6 / 60
168055U	T55H	80	52	6 / 60
168060U	T60H	80	70	6 / 60

1600M

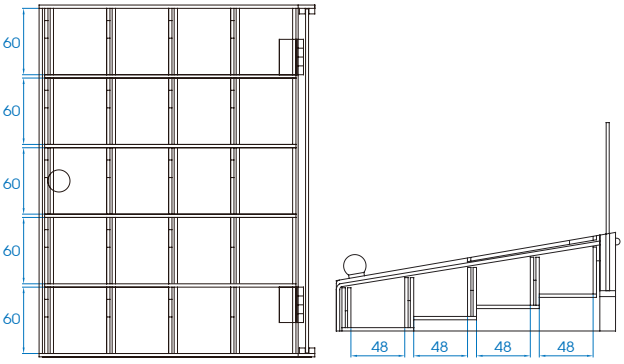
- 36 / 80mmL

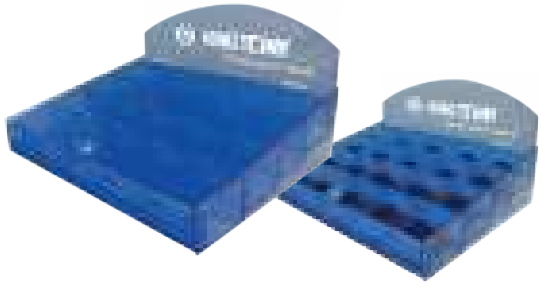
KT NO.	Size	Overall length (mm)	g	
163605M	M5	36	18	12 / 120
163606M	M6	36	19	12 / 120
163608M	M8	36	20	12 / 120
163609M	M9	36	21	12 / 120
163610M	M10	36	22	12 / 120
163612M	M12	36	28	12 / 120
163614M	M14	36	30	12 / 120
168005M	M5	80	47	6 / 60
168006M	M6	80	48	6 / 60
168008M	M8	80	49	6 / 60
168009M	M9	80	51	6 / 60
168010M	M10	80	52	6 / 60
168012M	M12	80	70	6 / 60
168014M	M14	80	71	6 / 60

Bit Display Box

87352

- Overall size -W 318 x D 235 x H 183 mm
- Weight - 1.3 Kg / Cuft - 0.4



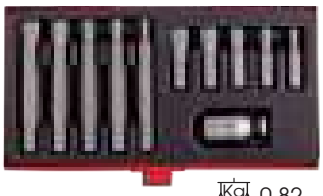


Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

1011MQ

Metal case size (mm) : 198 x 105 x 37 (0.027 cuft)



11 PC.

Contents — 0.82 kg — 1 / 20

	1636M	M5, M6, M8, M10, M12
	1680M	M5, M6, M8, M10, M12
	414810M	

1015MQ

Metal case size (mm) : 198 x 105 x 37 (0.027 cuft)

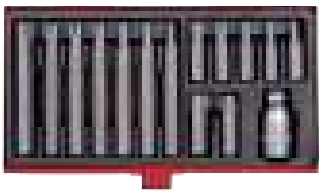
15 PC.

Contents — 0.96 kg — 1 / 20

	1636H	H4, H5, H6, H7, H8, H10, H12
	1680H	H4, H5, H6, H7, H8, H10, H12
	414810M	

1015PQ

Metal case size (mm) : 198 x 105 x 37 (0.027 cuft)



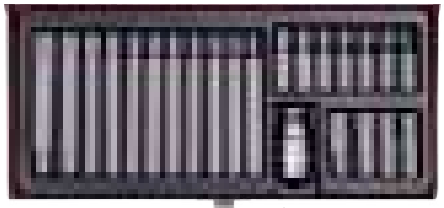
15 PC.

Contents — 0.9 kg — 1 / 20

	1636T	T20,T25, T30, T40, T45, T50, T55
	1680T	T20,T25, T30, T40, T45, T50, T55
	414810M	

1023EQ

Metal case size (mm) : 244 x 118 x 37 (0.038 cuft)



23 PC.

Contents — 1.6 kg — 1 / 18

	1636E	10IP, 15IP, 20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP, 60IP
	1680E	10IP, 15IP, 20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP, 60IP
	414810M	

1042CQ

Metal case size (mm) : 205 x 80 x 42 (0.024 cuft)

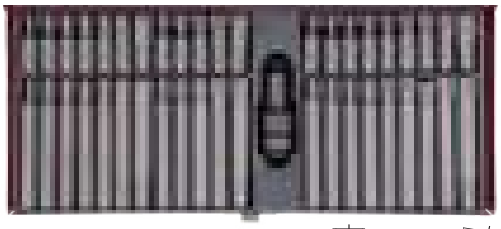
42 PC.

Contents — 0.52 kg — 1 / 20

	1025H	H1.5, H2, H2.5, H3, H4, H5, H6, H7, H8, H10
	1025T	T6
	1025U	T7H, T8H, T9H , T10H, T15H, T20H, T25H, T27H, T30H, T40H
	1025S	3x0.5, 3.5x0.6, 4x0.5, 4.5x0.6, 5x0.8, 5.5x0.8, 6x1.0, 6.5x1.2, 7x1.2, 8x1.2
	1025P	PH0, PH1, PH2, PH3
	1025Z	PZ1, PZ2, PZ3
	1025R	RB0, RB1, RB2, RB3

1043CQ

Metal case size (mm) : 290 x 130 x 41 (0.056 cuft)



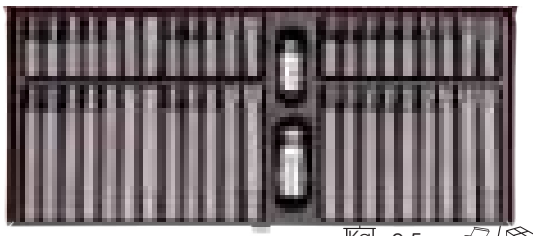
43 PC.

Contents — 2.5 kg — 1 / 10

	1636H	H4, H5, H6, H7, H8, H10, H12
	1636M	M5, M6, M8, M10, M12
	1636T	T20, T25, T27, T30, T40, T45, T50,T55, T60
	1680H	H4, H5, H6, H7, H8, H10, H12
	1680M	M5, M6, M8, M10, M12
	1680T	T20, T25, T27, T30, T40, T45, T50, T55, T60
	414710M	

1044CQ

Metal case size (mm) : 296 x 130 x 41 (0.056 cuft)



44 PC.

Contents — 2.5 kg — 1 /10

	1636H	H4, H5, H6, H7, H8, H10, H12
	1636M	M5, M6, M8, M10, M12
	1636T	T20, T25, T27, T30, T40, T45, T50, T55, T60
	1680H	H4, H5, H6, H7, H8, H10, H12
	1680M	M5, M6, M8, M10, M12
	1680T	T20, T25, T27, T30, T40, T45, T50, T55, T60
	314810M, 414810M	

Bit Set

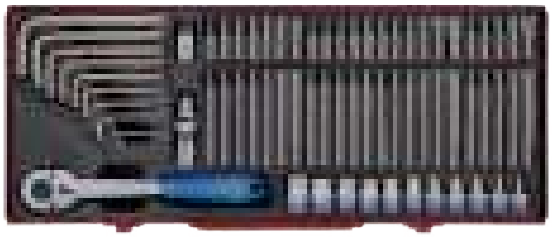
- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

5169PR

Metal case size (mm) : 445 x 187 x 50 (0.147 cuft)

69 PC.

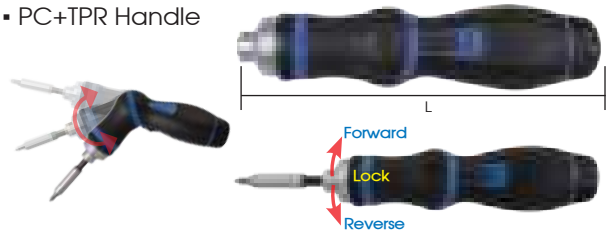
Contents			4.15	1 /4
	3375M	E4, E5, E6, E7, E8, E10, E11, E12, E14, E16, E18		
	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H		
	1636H	H4, H5, H6, H7, H8, H10, H12		
	1636M	M5, M6, M8, M10, M12		
	1636T	T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, T60		
	1680H	H4, H5, H6, H7, H8, H10, H12		
	1680M	M5, M6, M8, M10, M12		
	1680T	T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, T60		
	314810M	3792	3779-08G	



Ratchet Screwdriver & Set

2166DF 1/4"

- Two position L-handle design for greater torque
- PC+TPR Handle



KT NO.	Gear	Overall Length (mm)		
2166DF	46 teeth	167	0.28	6 / 72

32809MR

- 9-in-1 ratchet screwdriver set
- Reversible ratchet with 1/4" bit holder

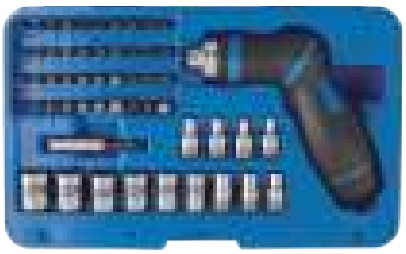
9 PC.

Contents			0.32	6 / 72
	1025S	4.0, 5.0		
	1025P	PH1, PH2 , PH3		
	1025Z	PZ1, PZ2		
	750-60			
	2166DF			

2555MR 1/4"

- Ratchet screwdriver set
- Blow case size (mm) : 260 x 160 x 64 (0.094 cuft)

55 PC.



Contents			1.0	1 / 10
	1025S	3.0, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 8.0		
	1025P	PH0, PH1, PH2, PH3		
	1025Z	PZ0, PZ1, PZ2, PZ3		
	1025T	T10, T15, T20, T25, T27, T30, T40		
	1025H	H2, H2.5, H3, H4, H5, H6, H8		
	1025U	T10, T15, T20, T25, T27, T30, T40		
	1025R	RB1, RB2		
	7702-25			
	750-60			
	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
	2166DF			

Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

1032CQ

Plastic case size (mm) :
120 x 70 x 42 (0.012 cuft)

32 PC.

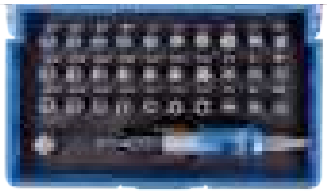
Contents — 0.3 kg — 1 / 20

⊖	1025S	3.0, 4.0, 5.0, 6.0
⊕	1025P	PH1, PH2 x 2, PH3
✳	1025Z	PZ1, PZ2 x 2, PZ3
✪	1025T	T10, T15, T20, T25, T27, T30, T40
●	1025H	H3, H4, H5, H6
✿	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
■	7702-25	
○	753-63	

1032CQ01

Plastic case size (mm) :
120 x 70 x 42 (0.012 cuft)

33 PC.



Contents — 0.3 kg — 1 / 20

⊖	1025S	3.0, 4.0, 5.0, 6.0
⊕	1025P	PH1, PH2 x 2, PH3
✳	1025Z	PZ1, PZ2 x 2, PZ3
✪	1025T	T10, T15, T20, T25, T27, T30, T40
●	1025H	H3, H4, H5, H6
✿	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
■	1025R	RB2
■	7702-25	
○	753-63	

1050CQ

Blow case size (mm) :
224 x 110 x 54 (0.047 cuft)

50 PC.

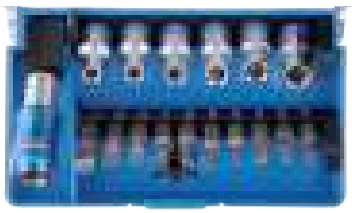
Contents — 0.53 kg — 1 / 20

⊖	1025S	4.0 x 2, 5.5 x 2, 6.5 x 2
⊕	1025P	PH1 x 2, PH2 x 2, PH3 x 2
✳	1025Z	PZ1 x 2, PZ2 x 2, PZ3 x 2
✪	1025T	T6, T7, T8, T9, T10, T15, T20, T25 T27, T30, T40 x 2
●	1025H	H2, H3, H4, H5, H6, H7, H8
✿	1025U	T7H, T8H, T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H x 2
○	750-60	
	2141	

2517MR 1/4"

Plastic case size (mm) :
120 x 70 x 32 (0.009 cuft)

17 PC.



Contents — 0.23 kg — 1 / 28

⊖	1025S	4.0, 5.5, 6.5
⊕	1025P	PH1, PH2, PH3
✪	1025T	T10, T15, T20
○	2335M	4, 4.5, 5, 5.5, 6, 7mm
■	7702-25	
○	753-63	

Bit Set

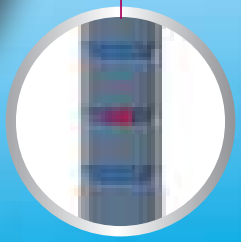
KT NO.	PC.	Contents			
102502P-S1	25	1025P	PH2 x 25 PC.	161	12 / 72
102502Z-S1	25	1025Z	PZ2 x 25 PC.	161	12 / 72
102510T-S1	25	1025T	T10 x 25 PC.	136	12 / 72
102515T-S1	25	1025T	T15 x 25 PC.	140	12 / 72
102520T-S1	25	1025T	T20 x 25 PC.	142	12 / 72
102525T-S1	25	1025T	T25 x 25 PC.	144	12 / 72
102530T-S1	25	1025T	T30 x 25 PC.	146	12 / 72

Power Bit Pocket Case

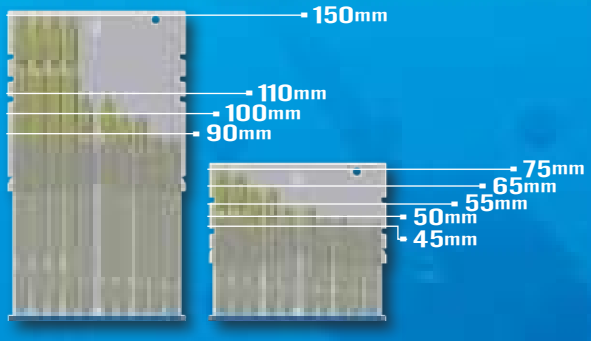
PAT.

- Shockproof high quality materials

- Functional design free slide open pocket storage case.



- Flexible for different length of power bit



Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic

1/4" Hex size shank driver

order unit : one blister card

7100P

- Short neck (9.5 mm) type
- DIN ISO 2351-2

KT NO.	No.	Overall length (mm)		
715000P	PH0	50	8	10 / 100
715001P	PH1	50	9	
715002P	PH2	50	11	
715003P	PH3	50	11	
715004P	PH4	50	14	
716502P	PH2	65	15	
717001P	PH1	70	16	
717002P	PH2	70	17	
717003P	PH3	70	17	
719001P	PH1	90	18	
719002P	PH2	90	20	
719003P	PH3	90	20	
711002P	PH2	100	24	
711501P	PH1	150	23	
711502P	PH2	150	33	
711503P	PH3	150	33	

7100H

- DIN ISO 2351-3

KT NO.	mm / inch	Overall length (mm)		
715002H	H2	50	6	10 / 100
715025H	H2.5	50	6	10 / 100
715003H	H3	50	6	10 / 100
715004H	H4	50	9	10 / 100
715005H	H5	50	10	10 / 100
715006H	H6	50	11	10 / 100
715007H	H7	50	13	10 / 100
715008H	H8	50	17	10 / 100
new 715012SH	3/16	50	20	10 / 100
new 715014SH	7/32	50	22	10 / 100
new 717005H	H5	70	15	10 / 100
new 717006H	H6	70	18	10 / 100
new 717007H	H7	70	21	10 / 100
new 717008H	H8	70	25	10 / 60
711102H	H2	110	11	10 / 100
711125H	H2.5	110	11	10 / 100
711103H	H3	110	14	10 / 100
711104H	H4	110	18	10 / 100
711105H	H5	110	24	10 / 100
711106H	H6	110	29	10 / 100
711107H	H7	110	34	10 / 100
711108H	H8	110	42	10 / 100
711110H	H10	110	62	10 / 80
711505H	H5	150	34	10 / 100
711507H	H7	150	47	10 / 100
new 711512SH	3/16	150	68	10 / 100

7150S

- DIN ISO 2351-1

KT NO.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)		
715003S1	3.0	0.5	50	6	10 / 100
715035S1	3.5	0.5	50	6	
715004S2	4.0	0.5	50	7	
715004S1	4.0	0.8	50	7	
715045S1	4.5	0.6	50	7	
715005S1	5.0	0.8	50	8	
715055S1	5.5	0.8	50	8	
715055S2	5.5	1.0	50	8	
715006S1	6.0	1.0	50	8	
715065S1	6.5	1.2	50	9	

7100T

- For torx head screw

715050T

KT NO.	Size	Overall length (mm)		
715006T	T6	50	5	10 / 100
715007T	T7	50	5	
715008T	T8	50	5	
715009T	T9	50	5	
715010T	T10	50	6	
715015T	T15	50	6	
715020T	T20	50	7	
715025T	T25	50	8	
715027T	T27	50	9	
715030T	T30	50	9	
715040T	T40	50	10	
715050T	T50	50	15	
717006T	T6	70	7	
717007T	T7	70	7	
717008T	T8	70	7	
717009T	T9	70	7	
717010T	T10	70	8	
717015T	T15	70	8	
717020T	T20	70	10	
717025T	T25	70	11	
717027T	T27	70	14	
717030T	T30	70	14	
717040T	T40	70	15	
711110T	T10	110	14	
711115T	T15	110	14	
711120T	T20	110	18	
711125T	T25	110	19	
711127T	T27	110	24	
711130T	T30	110	24	
711140T	T40	110	28	
711506T	T6	150	16	
711507T	T7	150	16	
711508T	T8	150	16	
711509T	T9	150	16	
711510T	T10	150	17	
711515T	T15	150	18	
711520T	T20	150	24	
711525T	T25	150	24	
711527T	T27	150	32	
711530T	T30	150	33	
711540T	T40	150	39	

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic 1/4" Hex size shank driver

order unit : one blister card

7100Z

▪ DIN ISO 2351-2

KT NO.	No.	Overall length (mm)	g	
715001Z	PZ1	50	9	
715002Z	PZ2	50	11	
715003Z	PZ3	50	12	
717001Z	PZ1	70	11	
717002Z	PZ2	70	15	10 / 100
717003Z	PZ3	70	15	
719001Z	PZ1	90	13	
719002Z	PZ2	90	19	
719003Z	PZ3	90	19	

7100U

▪ For torx head screw

KT NO.	Size	Overall length (mm)	g	
715006U	T6H	50	7	
715007U	T7H	50	5	
715008U	T8H	50	5	
715009U	T9H	50	5	
715010U	T10H	50	7	
715015U	T15H	50	7	
715020U	T20H	50	7	
715025U	T25H	50	8	
715027U	T27H	50	9	
715030U	T30H	50	9	
715040U	T40H	50	11	
717010U	T10H	70	8	
717015U	T15H	70	8	10 / 100
717020U	T20H	70	10	
717025U	T25H	70	11	
717027U	T27H	70	13	
717030U	T30H	70	13	
717040U	T40H	70	15	
711110U	T10H	110	14	
711115U	T15H	110	14	
711120U	T20H	110	18	
711125U	T25H	110	19	
711127U	T27H	110	24	
711130U	T30H	110	24	
711140U	T40H	110	28	

7100R

KT NO.	Size	Overall length (mm)	g	
715000R	RB0	50	7	
715001R	RB1	50	8	
715002R	RB2	50	8	
715003R	RB3	50	8	10 / 100
717000R	0	70	9	
717001R	1	70	11	
717002R	2	70	13	
717003R	3	70	13	

2128PR

▪ torx head tamper & L-type holder set

8 PC.

Kg 0.17 10 / 60

Contents

7170U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
158902ERA	

2138PR

▪ Hexagon head power bits & L-type holder set

8 PC.

Kg 0.24 10 / 60

Contents

7150H	H2, H3, H4, H5, H6, H7, H8
158902ERA	

7400P

▪ Short head type

KT NO.	No.	Overall length (mm)	g	
745002P	PH2	50	11	10 / 100
747501P	PH1	75	16	10 / 100
747502P	PH2	75	15	10 / 100
747503P	PH3	75	16	10 / 100
741002P	PH2	100	23	10 / 100
741502P	PH2	150	37	10 / 100
742002P	PH2	200	50	10 / 100
743002P	PH2	300	70	10 / 100
new 743003P	PH3	300	77	10 / 40

7300P

▪ Long head type

KT NO.	No.	Overall length (mm)	g	
734501P	PH1	45	9	
734502P	PH2	45	9	
734503P	PH3	45	10	
736501P	PH1	65	14	
736502P	PH2	65	14	
736503P	PH3	65	14	10 / 100
731101P	PH1	110	26	
731102P	PH2	110	26	
731103P	PH3	110	26	
731502P	PH2	150	32	
731503P	PH3	150	33	

5mm Hex size shank driver order unit : one box

Insert Size: The suggested size is according to the depth of bit holder which a bit is inserted.

7200P

▪ Long head typed

KT NO.	No.	Overall length (mm)	g	
726502P	PH2	65	8	
727502P	PH2	75	10	10 / 100
721102P	PH2	110	14	

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic
- 2 PC. bits set

1/4" Hex size shank driver

order unit : one blister card

7100P-S1 new

- Short neck (9.5 mm) type
- DIN ISO 2351-2

KT NO.	No.	Overall length (mm)	g	set
715000P-S1	PH0	50	16	
715001P-S1	PH1	50	18	
715002P-S1	PH2	50	22	
715003P-S1	PH3	50	22	
715004P-S1	PH4	50	28	
716502P-S1	PH2	65	30	
717001P-S1	PH1	70	32	
717002P-S1	PH2	70	34	
717003P-S1	PH3	70	34	1 / 20
719001P-S1	PH1	90	36	
719002P-S1	PH2	90	40	
719003P-S1	PH3	90	40	
711002P-S1	PH2	100	48	
711501P-S1	PH1	150	46	
711502P-S1	PH2	150	66	
711503P-S1	PH3	150	66	

7100H-S1 new

- DIN ISO 2351-3

KT NO.	mm / inch	Overall length (mm)	g	set
715002H-S1	H2	50	12	
715025H-S1	H2.5	50	12	
715003H-S1	H3	50	12	
715004H-S1	H4	50	18	
715005H-S1	H5	50	20	
715006H-S1	H6	50	22	
715007H-S1	H7	50	26	
715008H-S1	H8	50	34	
715012SH-S1	3/16	50	20	
715014SH-S1	7/32	50	22	
717005H-S1	H5	70	30	
717006H-S1	H6	70	36	1 / 20
717007H-S1	H7	70	42	
711102H-S1	H2	110	22	
711125H-S1	H2.5	110	22	
711103H-S1	H3	110	28	
711104H-S1	H4	110	36	
711105H-S1	H5	110	48	
711106H-S1	H6	110	58	
711107H-S1	H7	110	68	
711505H-S1	H5	150	68	
711507H-S1	H7	150	94	
711512SH-S1	3/16	150	68	

7150S-S1 new

- DIN ISO 2351-1

KT NO.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	set
715003S1-S1	3.0	0.5	50	12	
715035S1-S1	3.5	0.5	50	12	
715004S2-S1	4.0	0.5	50	14	
715004S1-S1	4.0	0.8	50	14	
715045S1-S1	4.5	0.6	50	14	1 / 20
715005S1-S1	5.0	0.8	50	16	
715055S1-S1	5.5	0.8	50	16	
715055S2-S1	5.5	1.0	50	16	
715006S1-S1	6.0	1.0	50	16	
715065S1-S1	6.5	1.2	50	18	

7100T-S1 new

- For torx head screw

715050T

KT NO.	Size	Overall length (mm)	g	set
715006T-S1	T6	50	10	
715007T-S1	T7	50	10	
715008T-S1	T8	50	10	
715009T-S1	T9	50	10	
715010T-S1	T10	50	12	
715015T-S1	T15	50	12	
715020T-S1	T20	50	14	
715025T-S1	T25	50	16	
715027T-S1	T27	50	18	
715030T-S1	T30	50	18	
715040T-S1	T40	50	20	
715050T-S1	T50	50	30	
717006T-S1	T6	70	14	
717007T-S1	T7	70	14	
717008T-S1	T8	70	14	
717009T-S1	T9	70	14	
717010T-S1	T10	70	14	
717015T-S1	T15	70	16	
717020T-S1	T20	70	16	
717025T-S1	T25	70	20	
717027T-S1	T27	70	22	1 / 20
717030T-S1	T30	70	28	
717040T-S1	T40	70	28	
711110T-S1	T10	110	30	
711115T-S1	T15	110	28	
711120T-S1	T20	110	28	
711125T-S1	T25	110	36	
711127T-S1	T27	110	38	
711130T-S1	T30	110	48	
711140T-S1	T40	110	48	
711506T-S1	T6	150	56	
711507T-S1	T7	150	32	
711508T-S1	T8	150	32	
711509T-S1	T9	150	32	
711510T-S1	T10	150	34	
711515T-S1	T15	150	36	
711520T-S1	T20	150	48	
711525T-S1	T25	150	48	
711527T-S1	T27	150	64	
711530T-S1	T30	150	66	
711540T-S1	T40	150	78	

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic
- 2 PC. bits set

1/4" Hex size shank driver

order unit : one blister card

7100Z-S1 new

▪ DIN ISO 2351-2

KT NO.	No.	Overall length (mm)	g	set
715001Z-S1	PZ1	50	18	
715002Z-S1	PZ2	50	22	
715003Z-S1	PZ3	50	24	
717001Z-S1	PZ1	70	22	
717002Z-S1	PZ2	70	30	1 / 20
717003Z-S1	PZ3	70	30	
719001Z-S1	PZ1	90	26	
719002Z-S1	PZ2	90	38	
719003Z-S1	PZ3	90	38	

7100U-S1 new

▪ For torx head screw

KT NO.	Size	Overall length (mm)	g	set
715006U-S1	T6H	50	14	
715007U-S1	T7H	50	10	
715008U-S1	T8H	50	10	
715009U-S1	T9H	50	10	
715010U-S1	T10H	50	14	
715015U-S1	T15H	50	14	
715020U-S1	T20H	50	14	
715025U-S1	T25H	50	16	
715027U-S1	T27H	50	18	
715030U-S1	T30H	50	18	
715040U-S1	T40H	50	22	
717010U-S1	T10H	70	16	
717015U-S1	T15H	70	16	1 / 20
717020U-S1	T20H	70	20	
717025U-S1	T25H	70	22	
717027U-S1	T27H	70	26	
717030U-S1	T30H	70	26	
717040U-S1	T40H	70	30	
711110U-S1	T10H	110	28	
711115U-S1	T15H	110	28	
711120U-S1	T20H	110	36	
711125U-S1	T25H	110	38	
711127U-S1	T27H	110	48	
711130U-S1	T30H	110	48	
711140U-S1	T40H	110	56	

7100R-S1 new

KT NO.	Size	Overall length (mm)	g	set
715000R-S1	RB0	50	14	
715001R-S1	RB1	50	16	
715002R-S1	RB2	50	16	
715003R-S1	RB3	50	16	1 / 20
717000R-S1	RB0	70	18	
717001R-S1	RB1	70	22	
717002R-S1	RB2	70	26	
717003R-S1	RB3	70	26	

7400P-S1 new

▪ Short head type

KT NO.	No.	Overall length (mm)	g	set
745002P-S1	PH2	50	22	
747501P-S1	PH1	75	32	
747502P-S1	PH2	75	30	1 / 20
747503P-S1	PH3	75	32	
741002P-S1	PH2	100	46	
741502P-S1	PH2	150	74	

7300P-S1 new

▪ Long head type

KT NO.	No.	Overall length (mm)	g	set
734501P-S1	PH1	45	18	
734502P-S1	PH2	45	18	
734503P-S1	PH3	45	20	
736501P-S1	PH1	65	28	
736502P-S1	PH2	65	28	
736503P-S1	PH3	65	28	1 / 20
731101P-S1	PH1	110	52	
731102P-S1	PH2	110	52	
731103P-S1	PH3	110	52	
731502P-S1	PH2	150	64	
731503P-S1	PH3	150	66	

5mm Hex size shank driver order unit : one box

Insert Size: The suggested size is according to the depth of bit holder which a bit is inserted.

7200P-S1 new

▪ Long head typed

KT NO.	No.	Overall length (mm)	g	set
726502P-S1	PH2	65	16	
727502P-S1	PH2	75	20	1 / 20
721102P-S1	PH2	110	28	

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Nickel plated
- Magnetic

1/4" Hex size shank driver

order unit : one box

1300P

▪ Long head type

KT NO.	No.	Overall length (mm)	g	
134501P	PH1	45	8	10 / 300
134502P	PH2	45	9	10 / 300
134503P	PH3	45	9	10 / 300
136501P	PH1	65	14	10 / 200
136502P	PH2	65	14	10 / 200
136503P	PH3	65	14	10 / 200
131101P	PH1	110	26	10 / 150
131102P	PH2	110	26	10 / 150
131103P	PH3	110	26	10 / 150
131501P	PH1	150	36	10 / 100
131502P	PH2	150	36	10 / 100
131503P	PH3	150	37	10 / 100

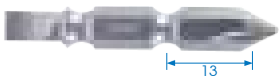
1500P

▪ Short head type

KT NO.	No.	Overall length (mm)	g	
155001P	PH1	50	10	10 / 300
155002P	PH2	50	10	10 / 300
155003P	PH3	50	10	10 / 300
157501P	PH1	75	16	10 / 200
157502P	PH2	75	16	10 / 200
157503P	PH3	75	17	10 / 200
151001P	PH1	100	23	10 / 150
151002P	PH2	100	23	10 / 150
151003P	PH3	100	23	10 / 150
151501P	PH1	150	36	10 / 100
151502P	PH2	150	37	10 / 100
151503P	PH3	150	37	10 / 100

7300P

▪ Long head type



KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
734551P	PH1	5.0	0.8	45	8	10 / 300
734552P	PH2	5.0	0.8	45	8	10 / 300
736552P	PH2	5.0	0.8	65	13	10 / 200
731152P	PH2	5.0	0.8	110	25	10 / 150
731552P	PH2	5.0	0.8	150	36	10 / 100

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic

1/4" Hex size shank driver

order unit : one box

13A6502P

▪ Long head type
▪ For ironwork screws

KT NO.	No.	Overall length (mm)	g	
13A6502P	PH2	65	8	10 / 100

13B6502P

▪ Long head type
▪ For woodwork screws

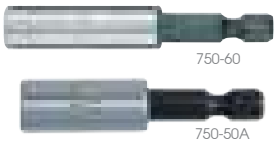
KT NO.	No.	Overall length (mm)	g	
13B6502P	PH2	65	8	10 / 100

- Chrome vanadium & stainless alloy steel
- Anti-rust oiled , sand-blasted
- Magnetic

1/4" Hex size shank driver

750 750-50A

▪ Magnetic bit holder
▪ 2 PC. type
▪ 750-50A: with spring clip
▪ DIN 7427

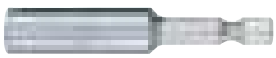


KT NO.	inch	Overall length (mm)	g	
750-60	1/4	60	20	6 / 84
750-50A	1/4	50	22	6 / 84

KT NO.	inch	Overall length (mm)	g	
750-75	1/4	75	30	1 / 20
750-100	1/4	100	37	1 / 20
750-150	1/4	150	50	1 / 20

751

▪ Magnetic bit holder
▪ 1 PC. type
▪ With spring clip
▪ DIN 7427



KT NO.	inch	Overall length (mm)	g	
751-60	1/4	60	24	6 / 84
751-75	1/4	75	36	6 / 84

Power Driving

- Chrome vanadium & stainless alloy steel
- Anti-rust oiled , sand-blasted
- Magnetic

752

- Magnetic bit holder
- 2 PC. type
- With quick-release sleeve
- DIN 7427

KT NO.	inch	Overall length (mm)	g	
752-60	1/4	63	33	6 / 72

KT NO.	inch	Overall length (mm)	g	
752-75	1/4	75	32	1 / 20
752-100	1/4	100	38	1 / 20
752-150	1/4	150	52	1 / 20
752-300	1/4	300	92	1 / 20

753

- 753-63
  -Magnetic bit holder
  -2 PC. type
  -With quick-release sleeve
  -For 1025 bit
  -DIN 7427

753-63

KT NO.	inch	Overall length (mm)	g	
753-63	1/4	63	33	6 / 72

- 753-370
  -Quick release bit holder
  -Extra-long extended driver for limited space
  -Magnetic bit holder
  -For power bits

753-370

KT NO.	inch	Overall length (mm)	g	
753-370	1/4	370	170	1 / 4

1/4" Hex size shank driver

754

- Universal joint bit holder
- 20 degree pivot mode allows for limited space accessibility
- Can be used in straight or pivot mode

KT NO.	inch	Overall Length (mm)	g	
754-90	1/4	90	52	1 / 20

755

- Quick release flexible bit holder
- Flexible shaft driver
- The flex shaft accepts any standard hex fitting
- Quick release fits double end power bits and 50mm power bits

KT NO.	inch	Overall length (mm)	g	
755-300	1/4	300	293	1 / 6
755-400	1/4	400	385	1 / 12

Angle Driver

- The body is zin alloy steel
- The arm is chrome vanadium alloy steel
- The chuck is aluminum alloy steel
- Magnetic

1/4" Hex size shank driver

759

- Heavy duty right angle bit holder
- This heavy duty 90 degree offset driver with 24 position gripped stabilizer arm is designed for use with power drivers 18-24 Volts
- It's head is shorter than 2.5" which is suitable to use in limited space
- Locking magnetic chuck accepts any 1/4" hex drive accessory such as twist drills, spade drills, step drills, grinding stones, buffer pads, nut drivers and screwdriver bits
- Durable all metal housing and steel gears with ball bearing construction
- Gripped stabilizer arm with 1 screwdriver bit storage
- It's amazing capacity for up to 500 inch lbs with 2000 RPM

Pressure to change angle

24 position gripped stabilizer arm design

KT NO.	inch	Overall length (mm)	g	
759-140	1/4	140	305	12 / 48

Power Driving

- Chrome vanadium alloy steel
- Anti-rust oiled , sand-blasted

1/4" Hex size shank driver

75A1

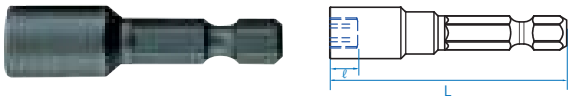
- Threaded rod socket
- Fastest tool available to tighten or loosen threaded rods
- Automatic locking cams
- Will not damage the threads when used properly

KT NO.	Size mm	Size inch	D mm	L mm	Capacity Ø mm		
75A105M	5	3/16	22	66	4.6~5.0	60	10 / 200
75A106M	6	1/4	24	66	5.6~6.35	75	10 / 200
75A108M	8	5/16	24	66	7.6~8.0	74	10 / 200
75A110M	10	3/8	28	66	9.0~10.0	99	10 / 160
75A112M	12	1/2	28	66	11.4~12.7	98	10 / 160
75A114M	14	9/16	32	66	13.2~14.3	126	10 / 160
75A116M	16	5/8	32	66	15.2~16.0	125	10 / 160

760M

760S

- Nut setter
- Non magnetic type
- DIN 3126



KT NO.	mm	ℓ mm	Overall length (mm)		
new 7605512M	12	7.0	55	55	6 / 72
7606512M	12	6.8	65	50	6 / 72
7607510M	10	6.0	75	38	6 / 72

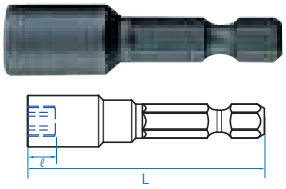
KT NO.	mm	ℓ mm	Overall length (mm)		
7601012M	12	7.5	100	61	1 / 25
new 7601013M	13	7.0	100	70	1 / 25

KT NO.	inch	ℓ mm	Overall length (mm)		
7606508S	1/4	4.8	65	20	6 / 84
7606510S	5/16	6.6	65	30	6 / 84
7606512S	3/8	6.8	65	36	6 / 72

761M

761S

- Nut setter
- Magnetic type
- DIN 3126



KT NO.	mm	ℓ mm	Overall length (mm)		
7616505M	5	2.3	65	27	6 / 84
7616506M	6	2.6	65	26	6 / 84
7616507M	7	2.9	65	25	6 / 84
7616508M	8	3.5	65	30	6 / 84
7616510M	10	4.5	65	37	6 / 72
7616512M	12	5.6	65	52	6 / 72
7616513M	13	6.0	65	54	6 / 72
7616514M	14	6.5	65	52	6 / 20

KT NO.	mm	ℓ mm	Overall length (mm)		
7611006M	6	2.6	100	38	1 / 25
7611008M	8	3.5	100	48	1 / 25
7611010M	10	4.5	100	54	1 / 25
7611012M	12	5.6	100	68	1 / 25
7611013M	13	6.0	100	71	1 / 25
7611014M	14	6.5	100	77	1 / 25
7611506M	6	2.6	150	58	1 / 25
7611507M	7	2.9	150	65	1 / 25
7611508M	8	3.5	150	67	1 / 25
7611510M	10	4.5	150	68	1 / 25
7611512M	12	5.6	150	103	1 / 25
7611513M	13	6.0	150	110	1 / 25
7611514M	14	6.5	150	115	1 / 25
7612006M	6	2.6	200	78	1 / 20
7612008M	8	3.5	200	93	1 / 20
7612010M	10	4.5	200	89	1 / 20
7612012M	12	5.6	200	128	1 / 20
7612014M	14	6.5	200	128	1 / 20

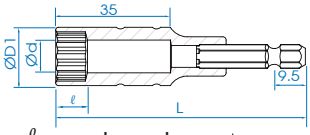
KT NO.	inch	ℓ mm	Overall length (mm)		
7614208S	1/4	2.7	42	15	6 / 84
7614210S	5/16	3.7	42	17	6 / 84
7614512S	3/8	4.7	45	22	6 / 84
7616508S	1/4	4.8	65	30	6 / 84
7616510S	5/16	6.6	65	31	6 / 84
7616512S	3/8	6.8	65	37	6 / 72
7616514S	7/16	6.8	65	39	6 / 72

Power Driving

- Chrome vanadium alloy steel
- Anti-rust oiled , sand-blasted

76B

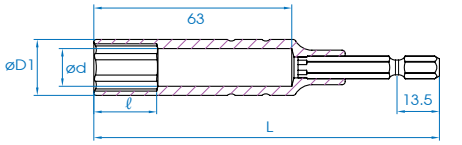
- Deep well nut setter
- Deep hole for bolt & nut
- Press-fitted high-durability shank
- Use for tightening step clamp in construction



KT NO.	mm	D1 mm	ℓ mm	d mm	L mm	g	
76B808M	8	13	6	6	80	41	15 / 300
76B809M	9	13	6	7	80	40	15 / 300
76B810M	10	15	7	7	80	47	12 / 240
76B811M	11	16	7	9	80	52	12 / 240
76B812M	12	17	8	9	80	57	12 / 240
76B813M	13	18	9	10	80	62	12 / 240
76B814M	14	20	9	12	80	70	12 / 240
76B815M	15	21	10	12	80	77	12 / 240
76B816M	16	22	10	14	80	76	12 / 240
76B817M	17	24	11	14	80	95	12 / 144
76B819M	19	26	13	15	80	112	10 / 120
76B821M	21	28	13	19	80	113	10 / 120
76B822M	22	30	13	19	80	137	10 / 120
76B824M	24	32	13	21	80	146	6 / 96

76C new

- 110mm length easy to reach at confined spaces
- Extra depth dimension 63mm perfectly go through various bolts
- Press-fit structure with durability socket suitable for 18V power tools
- Ideal for construction assembling, scaffolding and roof work

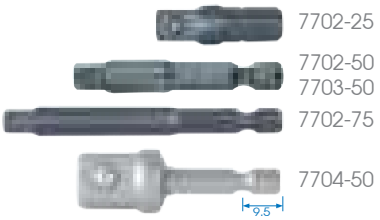


KT NO.	mm	D1 mm	ℓ mm	d mm	L mm	g	
76C1108M	8	14	12	7	110	71	12 / 216
76C1109M	9	14	14	8	110	64	12 / 216
76C1110M	10	15	15	9	110	67	12 / 216
76C1111M	11	17	17	10	110	84	10 / 180
76C1112M	12	17	18	11	110	74	10 / 180
76C1113M	13	18	20	12	110	79	10 / 180
76C1114M	14	20	21	13	110	99	10 / 180
76C1117M	17	24	26	16	110	139	10 / 180
76C1119M	19	26	29	18	110	158	10 / 180
76C1121M	21	28	30	20	110	161	8 / 144
76C1124M	24	32	30	23	110	216	8 / 96

1/4" & 3/8" & 1/2" Hex size shank driver

770

- Socket adapter
- Ball retainer type
- DIN 7428



KT NO.	■ Size	Overall length (mm)	g	
7702-25	1/4"	25	6	20 / 200
7702-50	1/4"	50	13	10 / 100
7702-75	1/4"	75	23	10 / 100
7703-50	3/8"	50	23	6 / 84
7704-50	1/2"	50	24	6 / 72

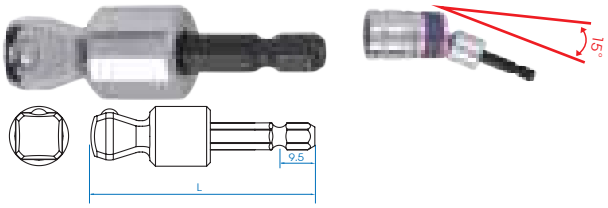
771

- Socket adapter
- Pin retainer type
- DIN 7428

KT NO.	■ Size	Overall length (mm)	g	
7712-02	1/4"	50	12	10 / 100
7712-03	1/4"	75	33	10 / 100
7713-02	3/8"	50	23	6 / 84

774

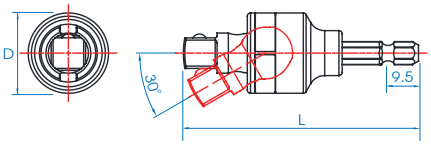
- Bit adapter
- Wobble function provides up to 15° accessibility



KT NO.	■ Size	L mm	g	
7743-56	3/8"	56	30	6 / 72
7744-60	1/2"	60	42	6 / 72

775

- Universal joint socket adapter
- Universal joint function provides up to 30° accessibility



KT NO.	■ Size	D mm	L mm	g	
7753-78	3/8"	25	77	90	6 / 120
7754-85	1/2"	29	85	127	6 / 96

Power Driving Set

1035MR new 1/4"

Plastic case size (mm) : 150 x 103 x 46 (0.025 cuft)

35 PC.

Contents		Kg 0.62	1 / 28
⊖	1025S	3.0 x 0.5, 4.0 x 0.5, 5.0 x 0.8, 6.0 x 1.0	
⊕	1025P	PH1 x 2, PH2 x 2 ø6mm, PH2 ø4.7mm, PH3	
✡	1025T	T15, T20 x 2, T25 x 2, T30 x 2, T40	
✺	1025H	H3, H4, H5, H6	
✳	1025Z	PZ2 x 2	
⬡	7E111	2.5, 3.0, 3.5, 4.0, 5.0	
⊕⊕	754-90	1/4"	
⬡	7400P	PH2	
⬡	761M x 65L	8, 10, 13	
	752-60	1/4"	

1044MR new 1/4"

Plastic case size (mm) : 150 x 103 x 46 (0.025 cuft)

44 PC.

Contents		Kg 0.63	1 / 28
⊖	1025S	3.0 x 0.5, 4.0 x 0.5, 5.0 x 0.8, 6.0 x 1.0	
⊕	1025P	PH1 x 2, PH2 x 2 ø6mm, PH2 ø4.7mm, PH3	
✡	1025T	T10, T15, T20 x 2, T25, T27, T30, T40	
✺	1025H	H3, H4, H5, H6	
✪	1025U	T10H, T15H, T20H x 2, T25H, T27H, T30H, T40H	
✳	1025Z	PZ2 x 2	
✡	7170T	T15, T20, T25,	
⊕	7170P	PH2 x 2	
✳	7170Z	PZ2	
⊖	7150S	4.0 x 0.8, 6.0 x 1.0	
⬡	761M x 65L	6, 8, 10	
⬡	753-63	1/4"	

1036MR new 1/4"

Plastic case size (mm) : 150 x 103 x 46 (0.025 cuft)

36 PC.

Contents		Kg 0.59	1 / 28
⊖	1025S	3.0 x 0.5, 4.0 x 0.5, 5.0 x 0.8, 6.0 x 1.0	
⊕	1025P	PH1 x 2, PH2 x 2 ø6mm, PH2 ø4.7mm, PH3	
✡	1025T	T15, T20 x 2, T25 x 2, T30 x 2, T40	
✺	1025H	H3, H4, H5, H6	
✳	1025Z	PZ2 x 2	
✡	7150T	T20, T25, T30	
✳	7150Z	PZ2 x 2	
⊖	7150S	5.5 x 0.8	
⊕⊕	7450P	PH2 x 2	
⬡	761M x 65L	8, 10, 13	
⬡	753-63	1/4"	

1045MR new 1/4"

Plastic case size (mm) : 150 x 103 x 46 (0.025 cuft)

45 PC.

Contents		Kg 0.64	1 / 28
⊖	1025S	4.0 x 0.5, 5.5 x 0.8, 6.5 x 1.2	
⊕	1025P	PH2 x 2 ø4.7mm	
✡	1025T	T10, T15, T20, T25, T27, T30, T35, T40	
✺	1025H	H2, H3, H4, H5, H6	
✪	1025U	T10H, T15H, T20H x 2, T25H, T27H, T30H, T40H	
✳	1025Z	PZ1, PZ2, PZ3	
■	1025R	RB1, RB2, RB3	
⊕⊕	1550P	PH1, PH2 x 2, PH3	
⊕	7150P	PH2	
	7E111	3, 4, 5	
⬡	761M x 65L	8, 10, 13	
⬡	750-50A	1/4"	
■	7702-50	1/4" DR.	

Titanium Coated HSS Drill Bit Set

11101SQ — 1/4"

- Titanium coated HSS drill set with standard 1/4" hex shank that will fit cordless screwdrivers, hand drills and impact drivers etc. or use in standard drill chuck
- Suitable for use with steel, wood, plastic etc
- Titanium nitride drill bits run cooler, drill smoother and last longer than standard bits
- High speed steel
- 120 deg. tips
- 1/4" hex shank for fast changes

Ø mm	Overall length mm
1.5	62
2	69
2.5	77
3	82
3.2	85
3.5	90
4	95
4.5	100
4.8	105
5	106

10 PC.

KT No. & D1

Hex Key

- Material - SNCM - V alloy steel
- Finishing - chrome plated

1145MR

- Standard arm type
- Allen head
- DIN ISO 2936

KT NO.	mm	mm	mm		
114515MR	H1.5	16	47	1	20 / 400
114502MR	H2	18	52	1	20 / 400
114525MR	H2.5	21	59	3	20 / 400
114503MR	H3	24	66	5	20 / 400
114504MR	H4	30	74	10	20 / 400
114505MR	H5	33	85	18	20 / 400
114555MR	H5.5	36	91	24	10 / 200
114506MR	H6	38	97	30	10 / 200
114507MR	H7	41	102	45	10 / 200
114508MR	H8	44	108	60	10 / 200
114510MR	H10	50	122	105	10 / 200

1145SR

KT NO.	inch	mm	mm		
114502SR	1/16	18	49	1	20 / 400
114525SR	5/64	20	52	1	20 / 400
114503SR	3/32	21	56	3	20 / 400
114504SR	1/8	25	63	5	20 / 400
114505SR	5/32	28	70	9	20 / 400
114506SR	3/16	31	77	15	20 / 400
114508SR	1/4	37	91	30	10 / 200
114510SR	5/16	42	106	56	10 / 200
114512SR	3/8	47	120	80	10 / 120
114516SR	1/2	54	146	196	10 / 120
114518SR	9/16	59	160	267	6 / 72
114520SR	5/8	64	175	361	6 / 72
114524SR	3/4	73	203	599	6 / 24

1125MR

- Extra long arm type
- Allen head
- DIN ISO 2936

KT NO.	mm	mm	mm		
112515MR	H1.5	16	92	1	20 / 400
112502MR	H2	18	102	3	20 / 400
112525MR	H2.5	21	115	5	20 / 400
112503MR	H3	23	129	8	20 / 480
112504MR	H4	29	144	18	20 / 300
112505MR	H5	33	165	31	20 / 300
112506MR	H6	38	186	51	20 / 400
112507MR	H7	41	197	78	20 / 240
112508MR	H8	44	208	104	10 / 100
112510MR	H10	50	234	182	10 / 100
112512MR	H12	57	262	290	8 / 48
112514MR	H14	70	294	451	8 / 48
112517MR	H17	80	337	770	4 / 32
112519MR	H19	89	380	863	4 / 16
112522MR	H22	102	422	1590	4 / 16

1125SR

KT NO.	inch	mm	mm		
112502SR	1/16	16	92	1	20 / 400
112525SR	5/64	18	102	3	20 / 400
112503SR	3/32	21	115	5	20 / 400
112504SR	1/8	23	129	8	20 / 400
112505SR	5/32	29	144	18	20 / 300
112506SR	3/16	33	165	31	20 / 300
112508SR	1/4	38	186	51	10 / 100
112510SR	5/16	44	208	104	10 / 100
112512SR	3/8	50	234	182	10 / 100
112516SR	1/2	57	262	290	8 / 48
112518SR	9/16	70	294	451	8 / 48

Hex Key Set

KT NO.	PC.	Spec.		Contents		
20218MR	8	knife type		H2, H2.5, H3, H4, H5, H6, H8, H10	0.33	12 / 72
20219MR	9	Standard arm	1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.33	6 / 48
20219SR	9		1145SR	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	0.33	6 / 48
20208MR	8	Extra long arm	1125MR	H2, H2.5, H3, H4, H5, H6, H8, H10	0.43	8 / 48
20209MR	9		1125MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.49	8 / 48
20209SR02	9		1125SR	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	0.47	8 / 48

20208MR01 20208SR01

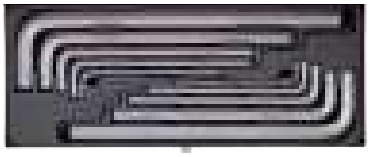
8 PC.

KT NO.	Spec.	Contents	1.25 / 1 / 20
20208MR01	Extra long arm	1125MR	H3, H4, H5, H6, H8, H10, H12, H14
20208SR01		1125SR	1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 1/2, 9/16

20210MR

Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

10 PC.



Spec.	Contents	3.03 / 1 / 6
Extra long arm	1125MR	H3, H4, H5, H6, H7, H8, H10, H12, H14, H17

KT No. & D1

Spline L- wrench & Set

1146MR

- Standard arm type
- For spline head screw

KT NO.	Size	mm	mm		
114605MR	M5	29	83	15	20 / 320
114606MR	M6	33	90	24	20 / 320
114608MR	M8	39	98	47	10 / 300
114610MR	M10	44	111	83	10 / 200
114612MR	M12	53	126	127	10 / 180

1126MR

- Extra long arm type

KT NO.	Size	mm	mm		
112605MR	M5	33	165	28	20 / 300
112606MR	M6	38	186	46	20 / 300
112608MR	M8	44	208	90	10 / 100
112610MR	M10	50	234	159	10 / 100
112612MR	M12	53	264	237	10 / 80

20505PR01 20515PR01

5 PC.

20505PR01

20515PR01

KT NO.	Spec.	Contents		
20505PR01	Standard arm type	1146MR	M5, M6, M8, M10, M12	0.333	6 / 54
20515PR01	Extra long arm type	1126MR	M5, M6, M8, M10, M12	0.632	4 / 32

Ball Hex Key

- Material - SNCM - V alloy steel
- Finishing - chrome plated

KT No. & D1

1130MR

- Long arm with ball point type
- DIN ISO 2936

KT NO.	mm	mm	mm	g	
113015MR	H1.5	16	64	1	20 / 400
113002MR	H2	18	77	2	20 / 400
113025MR	H2.5	21	88	4	20 / 400
113003MR	H3	23	93	7	20 / 400
113004MR	H4	29	104	14	20 / 400
113005MR	H5	33	120	25	20 / 300
113006MR	H6	38	141	41	10 / 160
113008MR	H8	44	158	84	10 / 150
113010MR	H10	50	180	145	10 / 150

1130SR

KT NO.	inch	mm	mm	g	
113002SR	1/16	16	79	1	20 / 400
113025SR	5/64	18	85	4	20 / 400
113003SR	3/32	21	88	3	20 / 400
113004SR	1/8	23	93	7	20 / 400
113005SR	5/32	29	104	14	20 / 400
113006SR	3/16	33	120	24	20 / 300
113007SR	7/32	36	130	33	10 / 150
113008SR	1/4	38	141	44	10 / 150
113010SR	5/16	44	158	82	10 / 150
113012SR	3/8	50	180	138	10 / 150

1120MR

- Extra long arm with ball point type
- DIN ISO 2936

KT NO.	mm	mm	mm	g	
112015MR	H1.5	16	92	1	20 / 400
112002MR	H2	18	102	3	20 / 400
112025MR	H2.5	21	115	5	20 / 400
112003MR	H3	12	129	8	20 / 480
112004MR	H4	18	144	18	20 / 300
112005MR	H5	33	165	31	20 / 300
112006MR	H6	38	186	51	20 / 400
112007MR	H7	41	197	78	20 / 400
112008MR	H8	44	208	104	10 / 100
112010MR	H10	50	234	182	10 / 100

Ball Hex Key Set

KT NO.	PC.	Spec.		Contents	g	
20107MR01	7	Long arm / ball	1130MR	H2.5, H3, H4, H5, H6, H8, H10	0.37	10 / 60
20107SR	7		1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	0.36	10 / 60
20108MR	8	Extra long arm / ball	1120MR	H2, H2.5, H3, H4, H5, H6, H8, H10	0.43	8 / 48
20109MR	9		1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.49	8 / 48
20110MR	9	Long arm / ball	1130MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.39	6 / 60
20129SR	9		1130SR	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	0.39	6 / 60

Star L- wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated

KT No. & D1

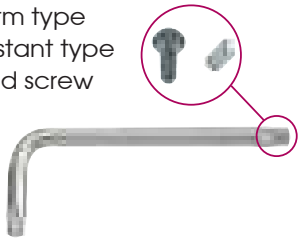
1143R

- Standard arm type
- For torx head screw

KT NO.	Size	mm	mm	g	
114310R	T10	19	49	3	20 / 400
114315R	T15	20	57	5	20 / 400
114320R	T20	23	62	8	20 / 400
114325R	T25	25	70	11	20 / 400
114327R	T27	29	77	15	20 / 400
114330R	T30	35	86	24	10 / 200
114340R	T40	42	97	39	10 / 200
114345R	T45	47	110	57	10 / 200
114350R	T50	50	124	80	10 / 200

1147R

- Standard arm type
- Tamper resistant type
- For torx head screw



KT NO.	Size	mm	mm	g	
114710R	T10H	18	50	3	20 / 400
114715R	T15H	20	56	5	20 / 400
114720R	T20H	24	62	8	20 / 400
114725R	T25H	26	68	11	20 / 400
114727R	T27H	30	76	15	20 / 400
114730R	T30H	36	86	24	10 / 200
114740R	T40H	41	97	39	10 / 200
114745R	T45H	46	107	57	10 / 200
114750R	T50H	52	122	80	10 / 200

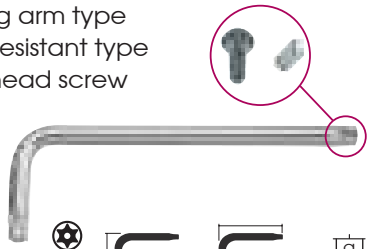
1123R

- Extra long arm type
- For torx head screw

KT NO.	Size	mm	mm	g	
112310R	T10	18	92	5	20 / 400
112315R	T15	20	103	8	20 / 400
112320R	T20	22	115	12	20 / 400
112325R	T25	25	130	18	20 / 300
112327R	T27	29	146	25	20 / 300
112330R	T30	35	165	42	20 / 300
112340R	T40	40	182	63	10 / 100
112345R	T45	45	202	92	10 / 100
112350R	T50	49	225	130	10 / 100

1127R

- Extra long arm type
- Tamper resistant type
- For torx head screw

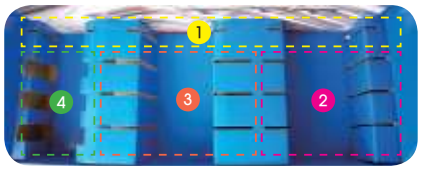


KT NO.	Size	mm	mm	g	
112710R	T10H	18	92	5	20 / 400
112715R	T15H	20	103	8	20 / 400
112720R	T20H	22	115	12	20 / 400
112725R	T25H	25	130	17	20 / 300
112727R	T27H	29	146	24	20 / 300
112730R	T30H	35	165	40	20 / 300
112740R	T40H	40	182	61	10 / 100
112745R	T45H	45	202	89	10 / 100
112750R	T50H	49	225	126	10 / 100

Paper Display Stand for Hex Key Wrench Set

87119

- Capacity : 12 sets
- For allen, spline, ball, torx with hole, ex:
  (1) 20309PR, 20409PR
  (2) 20108MR, 20109MR, 20319PR, 20419PR, 20208MR, 20209MR
  (3) 20107MR01, 20107SR, 20219MR,20307PR, 20407PR, 20308PR
  (4) 20218MR, 20505PR, 20515PR
- Size: 393 x 154 x 345 mm
- 0.47g / CUFT 49.4



Star L- wrench Set

knife type

Standard arm

Extra long arm

KT NO.	PC.	Spec	Contents	Kg	
20307PR	7	Standard arm 1143R	T10, T15, T20, T25, T27, T30, T40	0.13	15 / 120
20407PR	7	Standard arm / Tamper resistant 1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H	0.13	15 / 120
20308PR	8	knife type	T9, T10, T15, T20, T25, T27, T30, T40	0.20	12 / 72
20318PR	8	knife type	T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H	0.20	12 / 72
20309PR	9	Standard arm 1143MR	T10, T15, T20, T25, T27, T30, T40, T45, T50	0.3	6 / 48
20319PR	9	Extra long arm 1123R	T10, T15, T20, T25, T27, T30, T40, T45, T50	0.45	8 / 48
20409PR	9	Standard arm / Tamper resistant 1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H,T50H	0.34	6 / 48
20419PR	9	Extra long arm / Tamper resistant 1127R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H,T50H	0.47	8 / 48

Bicycle Repair Tool

20A16MR

- 16-in-1 bicycle repair tool set

Contents	300g	10 / 60
H2, H2.5, H3, H4, H5, H6		
8, 9, 10 mm		
PH2		
5.0		
Spoke Wrench: 14GE		
Extension bar 1/4" DR		
Wrench : 8 / 10 / 15 mm		

20A17MR

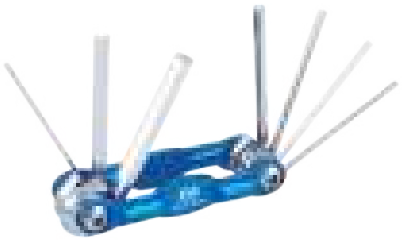
- 20-in-1 bicycle repair tool set

Contents	305g	10 / 60
H2, H2.5, H3, H4, H5, H6		
9, 10, 12, 13, 15		
PH2		
5.0		
Socket : 8mm		
Spoke Wrench: 14GE / 15GE / 0.136"		
Chain Wrench x 1		
Tire Lever x 2		

Aluminum Folding Hex Key Wrench Set

20317MR

- 7-in-1 aluminum folding hex key wrench set

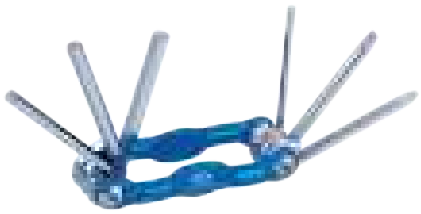


Spec	Contents	90	10 / 200
knife type	H1.5, H2, H2.5, H3, H4, H5, H6		

Aluminum Folding Tool Set

20306PR

- 6-in-1 aluminum folding tool set



Spec	Contents	104	12 / 72
knife type	H3, H4, H5, H6		
	PH2		
	5.0		

L- type Wrench

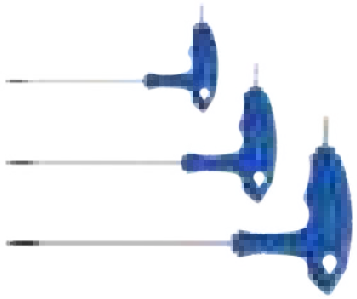
- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

KT No. & D1

1160MR

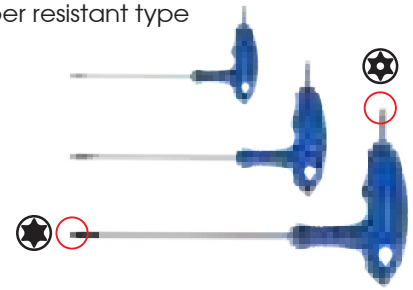
- Hexagon with ball point head

KT NO.	mm	mm	mm		
116002MR	H2	95	145	19	10 / 200
116025MR	H2.5	95	145	21	10 / 200
116003MR	H3	95	145	25	10 / 200
116004MR	H4	95	145	32	10 / 200
116005MR	H5	150	215	74	10 / 200
116006MR	H6	150	215	92	10 / 200
116007MR	H7	150	215	120	10 / 200
116008MR	H8	200	280	212	10 / 80
116010MR	H10	200	280	289	10 / 80



1163R

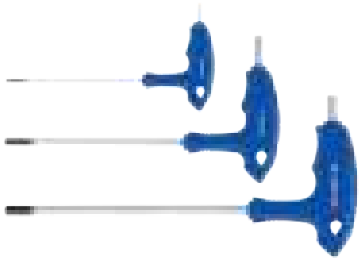
- For torx internal screw
- Tamper resistant type



KT NO.	Size	mm	mm		
116310R	T10H	95	145	24	10 / 200
116315R	T15H	95	145	27	10 / 200
116320R	T20H	95	145	31	10 / 200
116325R	T25H	95	145	35	10 / 200
116327R	T27H	150	215	69	10 / 200
116330R	T30H	150	215	86	10 / 200
116340R	T40H	150	215	105	10 / 200
116345R	T45H	200	280	181	10 / 80
116350R	T50H	200	280	214	10 / 80

1165MR

- For hexagon head screw



KT NO.	mm	mm	mm		
116502MR	H2	95	145	19	10 / 200
116525MR	H2.5	95	145	21	10 / 200
116503MR	H3	95	145	25	10 / 200
116504MR	H4	95	145	32	10 / 200
116505MR	H5	150	215	74	10 / 200
116506MR	H6	150	215	92	10 / 200
116507MR	H7	150	215	120	10 / 200
116508MR	H8	200	280	212	10 / 80
116510MR	H10	200	280	289	10 / 80

L- type Wrench Set

KT NO.	PC.	Spec		Contents	Kg	
22106MR	6	Ball & hex two way type	1160MR	H3, H4, H5, H6, H7, H8	0.68	1 / 20
22108MR	8		1160MR	H2, H2.5, H3, H4, H5, H6, H8, H10	0.97	1 / 10
22208MR	8	Hex head	1165MR	H2, H2.5, H3, H4, H5, H6, H8, H10	0.97	1 / 10
22306PR	6	torx head / Tamper resistant	1163R	T10H, T15H, T20H, T25H, T30H, T40H	0.46	1 / 20
22309PR	9		1163R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	1.00	1 / 10
22118MR	8		1160MR	H2, H2.5, H3, H4, H5, H6, H8, H10	1.10	1 / 12
22218MR	8	Hex head	1165MR	H2, H2.5, H3, H4, H5, H6, H8, H10	1.10	1 / 12
22319PR	9	torx head / Tamper resistant	1163R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	1.12	1 / 12

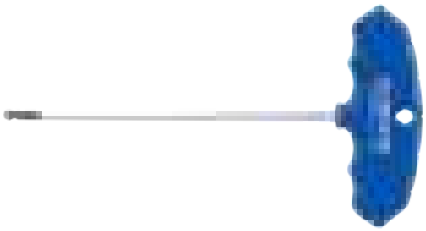
T - type Wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

KT No. & D1

1150MR

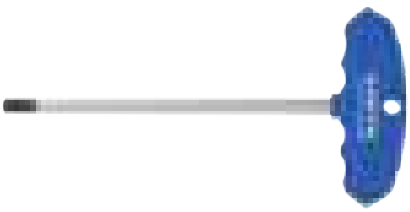
▪ Hexagon with ball point head



KT NO.	mm	mm	mm	mm	g	
115002MR	H2	100	137	90	28	10 / 200
115025MR	H2.5	100	137	90	30	10 / 200
115003MR	H3	100	137	90	32	10 / 200
115004MR	H4	100	137	90	38	10 / 200
115005MR	H5	150	188	100	65	10 / 200
115006MR	H6	150	188	100	79	10 / 200
115008MR	H8	200	240	120	159	10 / 120
115010MR	H10	200	240	120	217	10 / 120

1155MR 1155SR

▪ Hexagon head



KT NO.	mm / inch	mm	mm	mm	g	
115502MR	H2	100	137	90	28	10 / 200
115525MR	H2.5	100	137	90	30	10 / 200
115503MR	H3	100	137	90	32	10 / 200
115504MR	H4	100	137	90	38	10 / 200
115505MR	H5	150	188	100	65	10 / 200
115506MR	H6	150	188	100	79	10 / 200
115508MR	H8	200	240	120	159	10 / 120
115510MR	H10	200	240	120	217	10 / 120
115525SR	5/64	100	137	90	28	10 / 200
115503SR	3/32	100	137	90	30	10 / 200
115504SR	1/8	100	137	90	32	10 / 200
115505SR	5/32	100	137	90	38	10 / 200
115506SR	3/16	150	188	100	65	10 / 200
115508SR	1/4	150	188	100	79	10 / 200
115510SR	5/16	200	240	120	159	10 / 120
115512SR	3/8	200	240	120	217	10 / 120

T - type Wrench & Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

KT No. & D1

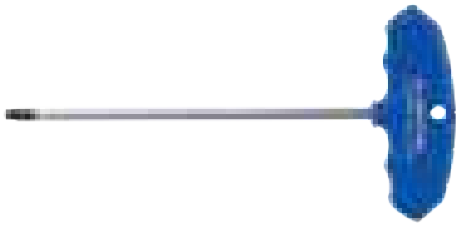
1153R

▪ For torx head screw

KT NO.	Size	mm	mm	mm	g	
115310R	T10	100	137	90	40	10 / 200
115315R	T15	100	137	90	40	10 / 200
115320R	T20	100	137	90	40	10 / 200
115325R	T25	100	137	90	40	10 / 200
115327R	T27	150	188	100	73	10 / 200
115330R	T30	150	188	100	74	10 / 200
115340R	T40	150	188	100	88	10 / 200
115345R	T45	200	240	120	173	10 / 120
115350R	T50	200	240	120	173	10 / 120

11A3R

▪ For torx head screw



KT NO.	Size	mm	mm	mm	g	
11A310R	T10	200	237	90	53	12 / 192
11A315R	T15	200	237	90	53	12 / 192
11A320R	T20	200	237	90	53	12 / 192
11A325R	T25	200	237	90	53	12 / 192
11A327R	T27	200	238	100	86	10 / 160
11A330R	T30	200	238	100	86	10 / 160
11A340R	T40	200	238	100	105	10 / 160

KT NO.	PC.	Spec		Contents	kg	
21108MR	8	Ball hex type	1150MR	H2, H2.5, H3, H4, H5, H6, H8, H10	1.1	1 / 12
21208MR	8	Hexagon type	1155MR	H2, H2.5, H3, H4, H5, H6, H8, H10	1.1	1 / 12
21208SR	8		1155SR	5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	1.1	1 / 12
21309PR	9	torx head type	1153R	T10, T15, T20, T25, T27, T30, T40, T45, T50	1.2	1 / 12

T - handle Wrench

- Material - Chrome vanadium steel
- Finishing - chrome plated

KT No. & D1

1195M

▪ 6 Point
▪ For hexagon head screw
▪ The handle pin can be removed for another wrench

KT NO.	mm	mm	mm	g	
119502M	H2	64	127	22	10 / 200
119525M	H2.5	64	127	22	10 / 200
119503M	H3	64	127	23	10 / 200
119504M	H4	90	181	62	10 / 200
119505M	H5	90	182	65	10 / 200
119506M	H6	105	210	120	6 / 48
119508M	H8	124	250	224	4 / 32
119510M	H10	145	300	386	5 / 50

Torx Screwdriver

Wing Handle torx Screwdriver & Set

1153A

KT NO.	Size	mm	mm	mm	g	
1153A05R	T5	45	84	35	6	20 / 200
1153A06R	T6	45	84	35	6	20 / 200
1153A07R	T7	45	84	35	6	20 / 200
1153A08R	T8	45	84	35	6	20 / 200
1153A09R	T9	45	84	35	9	20 / 200
1153A10R	T10	45	84	35	9	20 / 200
1153A15R	T15	45	84	35	9	20 / 200
1153A20R	T20	45	84	35	9	20 / 200

23308PR

Contents 264 g 1 / 20

1153A

T5, T6, T7, T8, T9, T10, T15, T20

Flag Handle torx Screwdriver & Set

1163A

KT NO.	Size	mm	mm	mm	g	
1163A05R	T5	45	84	31	7	20 / 200
1163A06R	T6	45	84	31	7	20 / 200
1163A07R	T7	45	84	31	7	20 / 200
1163A08R	T8	45	84	31	7	20 / 200
1163A09R	T9	45	84	31	9	20 / 200
1163A10R	T10	45	84	31	9	20 / 200
1163A15R	T15	45	84	31	9	20 / 200
1163A20R	T20	45	84	31	9	20 / 200

24308PR

Contents 272 g 1 / 20

1163A

T5, T6, T7, T8, T9, T10, T15, T20

Notes

IC SPECIALIZED TOOLS

- Precision Pliers
- Precision Screwdriver
- Soldering & Desoldering
- Tweezers
- Soldering Iron Stand
- Punch Down Tools

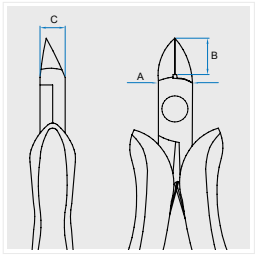
MEASURING TOOLS

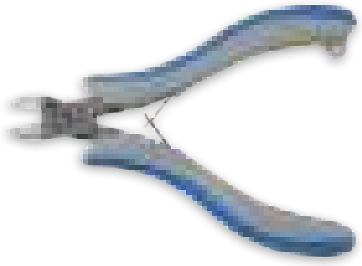
- Digital Multimeter
- Tester Tools

SELECT
D-H
OFF
9DM1361
AUTO RANGE
COM
10A
KING TONY

Precision Pliers

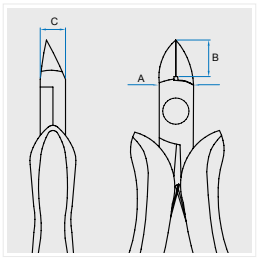
6207-05 Diagonal cutting nippers

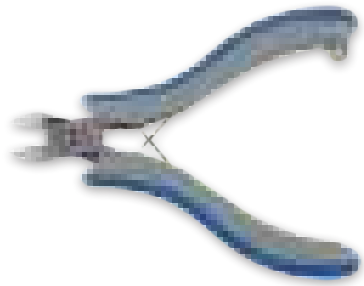




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	A mm	B mm	C mm	g	
6207-05	4-3/4	118	2.0	1.6	10.8	11.5	7.1	88	6 / 120

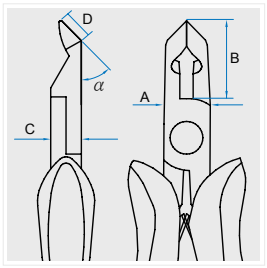
6927-05 For plastic

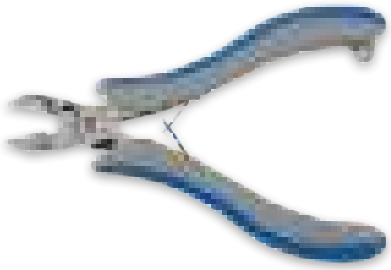




KT NO.	Overall length inch	Overall length mm	A mm	B mm	C mm	g	
6927-05	4-3/4	118	10.3	11.5	7.1	71	6 / 120

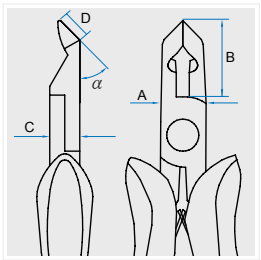
6217-05 Diagonal cutting nippers

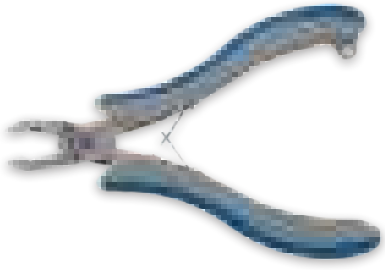




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	α	A mm	B mm	C mm	D mm	g	
6217-05	4-3/4	118	2.0	1.0	35°	11.8	17	12.7	17.7	76	6 / 120

6247-05 Diagonal cutting nippers



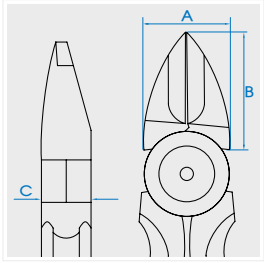


KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	α	A mm	B mm	C mm	D mm	g	
6247-05	5	125	1.0	0.5	45°	11.4	19.4	7.5	55	73	6 / 120

Precision Pliers

6271C — Diagonal cutting nippers

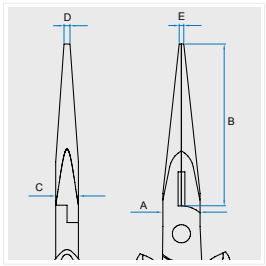
▪ The cutting edge hardness at least 73° HRC up

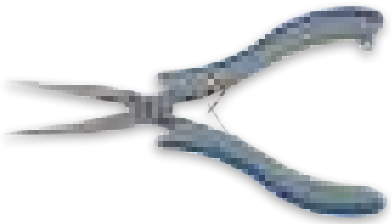


• The cutting edge is made from tungsten steel for an extremely long service life.

KT NO.	Overall length inch	Overall length mm	●	A mm	B mm	C mm	g	
6271-05C	5	125	0.6	13.2	15	7.1	77	6 / 120
6271-65C	6-1/2	160	0.6	19.2	26	10.7	151	6 / 120

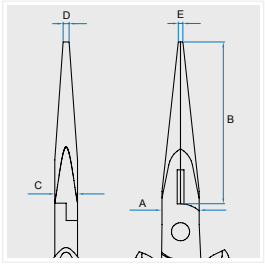
6317-06 — Long nose pliers

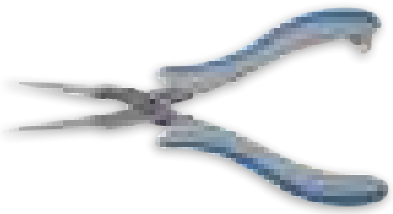




KT NO.	Overall length inch	Overall length mm	Cutting capacities ⊙ ø mm	Cutting capacities ◉ ø mm	A mm	B mm	C mm	D mm	E mm	g	
6317-06	6	157	2.0	1.6	11.6	50	7.5	2	2	84	6 / 120

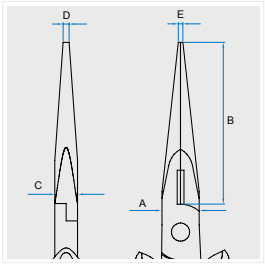
6367-06 — Half-round nose pliers

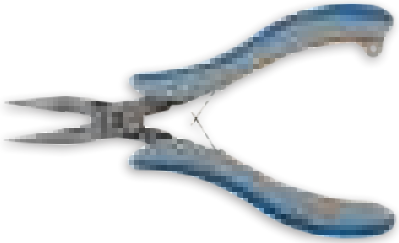




KT NO.	Overall length inch	Overall length mm	Cutting capacities ⊙ ø mm	Cutting capacities ◉ ø mm	A mm	B mm	C mm	D mm	E mm	g	
6367-06	6	154	2.0	1.6	11.7	46	7.5	1.5	1.7	78	6 / 120

6377-55 — Half-round nose pliers

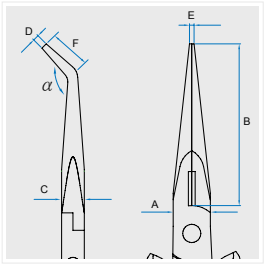


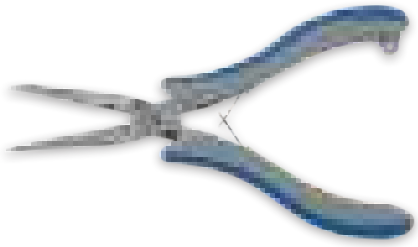


KT NO.	Overall length inch	Overall length mm	Cutting capacities ⊙ ø mm	Cutting capacities ◉ ø mm	A mm	B mm	C mm	D mm	E mm	g	
6377-55	5-1/2	138	2.0	1.6	11.3	30	7.5	1.5	1.5	97	6 / 120

Precision Pliers

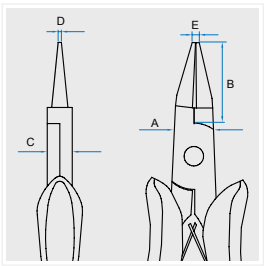
6337-06 Bent nose pliers

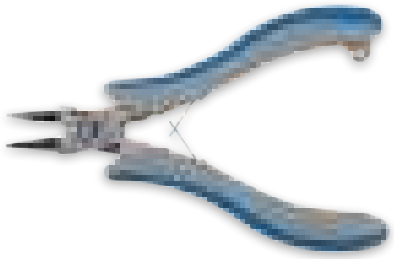




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	α	A mm	B mm	C mm	D mm	E mm	F mm	g	
6337-06	6	154	2.0	1.6	40°	11.3	50	7.5	2	2.5	14	84	6 / 120

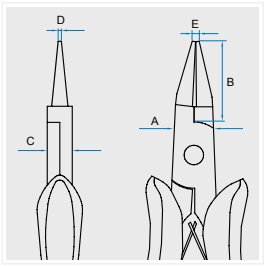
6347-05 Round-nose pliers

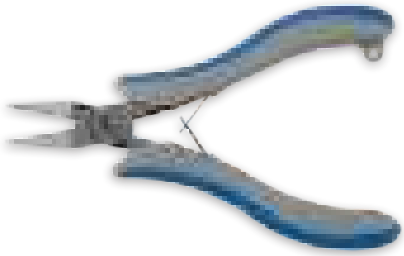




KT NO.	Overall length inch	Overall length mm	A mm	B mm	C mm	D mm	E mm	g	
6347-05	5	128	11.4	24.9	7.5	1	2.14	74	6 / 120

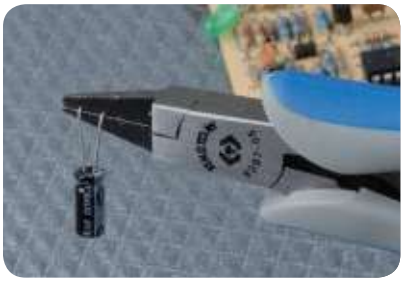
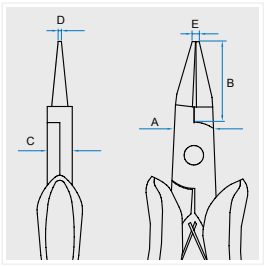
63A7-05 Round-nose pliers

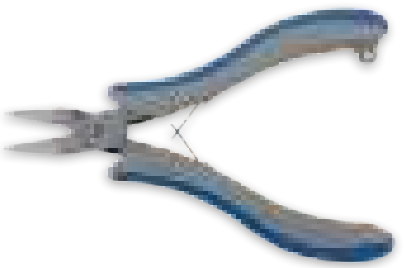




KT NO.	Overall length inch	Overall length mm	A mm	B mm	C mm	D mm	E mm	g	
63A7-05	5	128	11.5	24.7	7.5	3.3	1.8	75	6 / 120

63B7-05 Round-nose pliers



KT NO.	Overall length inch	Overall length mm	A mm	B mm	C mm	D mm	E mm	g	
63B7-05	5	128	11.5	24.7	7.5	1.3	1.8	74	6 / 120

Precision Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP
- Finishing - chrome plated with black tip

1431

- Phillips head, round shank
- DIN ISO 8764

KT NO.	No.	Ø mm	mm		
14313015	PH000	1.5	40	7	10 / 320
14312015	PH00	2.0	40	7	10 / 320
14311015	PH0	3.0	40	13	10 / 100
14311115	PH1	4.0	40	16	10 / 100
14313003	PH000	1.5	75	8	10 / 320
14312003	PH00	2.0	75	8	10 / 320
14311003	PH0	3.0	75	14	10 / 100
14311103	PH1	4.0	75	18	10 / 100

1432

- Slotted head, round shank
- Metric size
- DIN 5263

KT NO.	mm	mm	mm	Ø mm		
14320615	0.6	0.15	40	3.0	9	10 / 320
14320815	0.8	0.19	40	3.0	9	10 / 320
14321015	1.0	0.20	40	3.0	9	10 / 320
14321515	1.5	0.23	40	3.0	10	10 / 320
14321815	1.8	0.30	40	3.0	10	10 / 320
14322015	2.0	0.40	40	2.0	11	10 / 100
14322515	2.5	0.40	40	2.5	12	10 / 100
14323015	3.0	0.50	40	3.0	13	10 / 100
14323515	3.5	0.60	40	3.5	14	10 / 100
14324015	4.0	0.80	40	4.0	16	10 / 100
14321003	1.0	0.20	75	3.0	11	10 / 320
14321503	1.5	0.23	75	3.0	11	10 / 320
14321803	1.8	0.30	75	3.0	11	10 / 320
14322003	2.0	0.40	75	2.0	11	10 / 100
14322503	2.5	0.40	75	2.5	13	10 / 100
14323003	3.0	0.50	75	3.0	15	10 / 100
14323503	3.5	0.60	75	3.5	16	10 / 100
14324003	4.0	0.80	75	4.0	18	10 / 100

1433

- For torx head, round shank

KT NO.	Size	Ø mm	mm		
14330415	T4	3	40	10	10 / 320
14330515	T5	3	40	10	10 / 320
14330615	T6	3	40	10	10 / 100
14330715	T7	3	40	10	10 / 100
14330815	T8	3	40	10	10 / 320
14330902	T9	4	50	16	10 / 100
14331002	T10	4	50	16	10 / 100
14331502	T15	4	50	16	10 / 100
14332002	T20	4	50	16	10 / 100
14330403	T4	3	75	11	10 / 320
14330503	T5	3	75	11	10 / 320
14330603	T6	3	75	11	10 / 320
14330703	T7	3	75	11	10 / 320
14330803	T8	3	75	11	10 / 320
14330903	T9	4	75	18	10 / 100
14331003	T10	4	75	18	10 / 100
14331503	T15	4	75	18	10 / 100
14332003	T20	4	75	18	10 / 100

Precision Screwdriver & Set

91230

- Screwdriver handle for interchangeable blades 2431, 2433
- Handle material - polypropylene (PP)

KT NO.	mm		
91230	100	12	10 / 100

2431

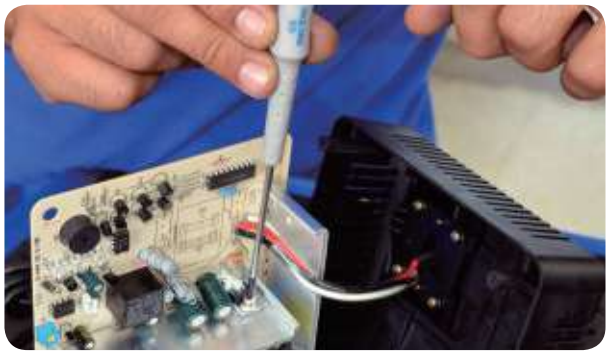
- Combination type
- Phillips / Slotted head, hexagonal shank
- Blade material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

KT NO.	No.	mm	mm	mm	mm		
24312020	PH00	2.0	0.30	4	120	11	20 / 200
24311030	PH0	3.0	0.50	4	120	11	20 / 200
24311140	PH1	4.0	0.60	4	120	11	20 / 200

2433

- Combination type
- Torx head, hexagonal shank
- Blade material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

KT NO.	Size	mm	mm		
24330610	T6 x T10	4	120	11	20 / 200
24330715	T7 x T15	4	120	11	20 / 200
24330820	T8 x T20	4	120	11	20 / 200
24330915	T9 x T15	4	120	11	20 / 200



KT NO.	PC.	Contents		
32218MR	8	1432 — 1.0 x 75, 1.5 x 75, 1.8 x 75, 2.0 x 75, 2.5 x 75, 3.0 x 75, 3.5 x 75, 4.0 x 75	0.32	1 / 30
32209MR	9	1432 — 0.8 x 40, 1.0 x 40, 1.5 x 40, 1.8 x 40, 2.0 x 40, 2.5 x 40, 3.0 x 40, 3.5 x 40, 4.0 x 40	0.26	1 / 30
32108MR	8	1431 — PH000 x 40, PH00 x 40,PH0 x 40, PH1 x 40 1432 — 1.5 x 40, 2.0 x 40, 2.5 x 40, 3.0 x 40	0.29	1 / 30
32118MR	8	1431 — PH000 x 75, PH.00 x 75, PH0 x 75, PH1 x 75 1432 — 1.5 x 75, 2.0 x 75, 2.5 x 75, 3.0 x 75	0.36	1 / 30
32309PR	8	1433 — T4 x 40, T5 x 40, T6 x 40, T7 x 40, T8 x 40, T9 x 50, T10 x 50, T15 x 50, T20 x 50	0.26	1 / 30
32607MR	8	91230 2431 — PH00 x 2.0, PH0 x 3.0, PH1 x 4.0 2433 — T6 x T10, T7 x T15, T8 x T20, T9 x T15	0.22	1 / 30

Precision Screwdriver Set

31419MR

- Precision screwdriver set

Screwdriver shelf size (mm) : 383 x 136 x 130

KT NO.	Contents		Each Q'ty
31419MR	1431	PH000 x 40, PH00 x 40, PH0 x 40, PH1 x 40	6
	1432	0.6 x 40, 0.8 x 40, 1.0 x 40, 1.5 x 40, 1.8 x 40, 2.0 x 40, 2.5 x 40, 3.0 x 40, 3.5 x 40, 4.0 x 40	
	1433	T4 x 40, T5 x 40, T6 x 40, T7 x 40, T8 x 40	

KT NO.	Kg	CUFT
31419MR-A	0.79	0.23
31419MR-D	1.17	0.14

Soldering Iron

6BC23 30W
6BC26 60W

- 110V~240V, 30W, 40W, 60W, 100W
- For electrical and stained glass work

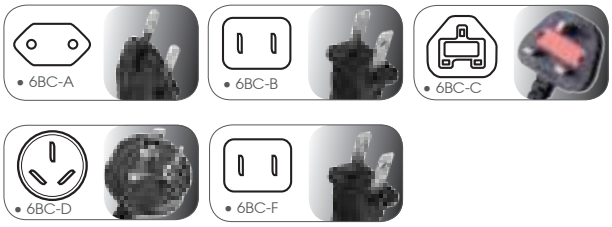
KT NO.	Voltage V	Rating W	g	
6BC23A	220-240	30	160	54
6BC23B	220-240	30	125	54
6BC23C	220-240	30	196	32
6BC23D	220-240	30	160	32
6BC23F	110-120	30	125	54
6BC24A	220-240	40	125	54
6BC24B	220-240	40	125	54
6BC24C	220-240	40	196	32
6BC24F	110-120	40	125	54
6BC26A	220-240	60	166	54
6BC26B	220-240	60	166	54
6BC26C	220-240	60	216	32
6BC26F	110-120	60	166	54
6BC210A	220-240	100	210	20
6BC210B	220-240	100	210	20
6BC210C	220-240	100	330	20
6BC210D	220-240	100	288	20
6BC210F	110-120	100	210	20

6BC24 40W
6BC210 100W

- Lightweight handle
- Replaceable tip
- No CE certification

6BC210

6BC23 / 6BC24 / 6BC26



Soldering Iron Tip (Conical Type)

6BC23-1
6BC26-1
6BC26-3

- Copper-based iron tips are manufactured using patented process which produces a uniform iron and chrome plating thickness

KT NO.	Rating W	Ø mm	g	
6BC23-1	30 / 40	4	13	100 / 4200
6BC26-1	60	6	16	100 / 1600
6BC26-3	60	6	16	100 / 1600

- All tips are pre-tinned

6BC23-1

6BC26-1

6BC26-3

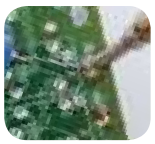
Gas Soldering Iron Set

6BC3007

- Power range : 30W-150W
- Cordless
- Four different tips
- Soldering temperature can be adjusted:400°C~450°C (750°F~840°F)
- Tank fuel for 90 minutes of operation
- Torch temperature:1300°C (2400°F)
- Fuel capacity: 20ml
- Ready to use 45 seconds after ignition
- Pure butane gas

8 PC.

KT NO.	Contents	Kg 0.45 / 20
6BC372		Gas saldering iron 257mm
6BC372-1	+	Conical
6BC372-2		2.5mm round
6BC372-3		3.5mm chisel
6BC372-4		4.5mm angle
6BC372-5		Reflector
6BF21-17		Desolder wire / Sn 99.3%, Cu 0.7%
		Foam



Desolder Wire

6BF11-17

- 40% lead and 60% tin

KT NO.	Size mm	g	/
6BF11-17	1.0	17	20 / 480

Desoldering Pump

6BD11

- One-hand operation
- ABS Body, teflon nozzle

KT NO.	Overall length mm	g	/
6BD11	195	42	8 / 32

6BD22

- Anti-static solder desoldering pump
- Teflon suction head
- Aluminum body

• Turn down the body

• Clean

• Turn up the body

KT NO.	Overall length mm	g	/
6BD22	197	85	50 / 100

Soldering Aid

6BE11-07

- Brush / Scraper:
  For removing flux residue and surplus solder

6BE12-07

- Scraper / Curved Probe:
  For component and lead extraction

6BE16-07

- Pointed / Slotted Probe:
  Fits wire up to 22AWG.
  For wrapping and unwrapping etc

KT NO.	Overall length mm		
6BE11-07	175	15	1 / 200
6BE12-07	175	15	1 / 200
6BE16-07	180	15	1 / 200

Straight Fine Point Tweezers

6AF11-125

- Stainless steel with straight fine point
- Used for soldering integrated circuit chip, installing or replacing components
- It's suitable for doing precise repairing work

KT NO.	Overall length mm		
6AF11-125	124	16	50 / 800

Reverse Action Tweezers

6AF21-165

- Stainless steel with tapered tips and flat points
- For holding small parts when soldering or spraying

KT NO.	Overall length mm		
6AF21-165	172	29	30 / 480

Mini Soldering Iron Stand

6BC100

- Lightweight and high temperature bakelite resistance
- Mini size, easy to take
- Used for holding solder iron

12 12 / 240

Soldering Iron Stand with Sponge

6BC200

- Suitable for most pencil type soldering irons
- Convenient for easy storage
- Sponge for tip cleaning
- Double spiral spring construction prevents the hot soldering iron from accidentally burning the surface of other objects when it is inserted into the stand

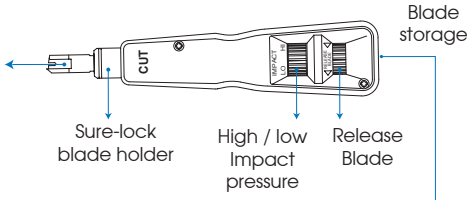
187 4 / 24

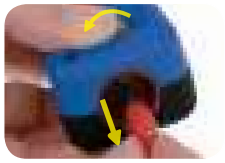
Punch Down Tool

6AH

- For setting wire into terminal blocks or cut off wire end after terminated
- Blade : 66 & 110/88 & Krone type

KT NO.	Type	Overall length inch	mm	g	
6AH11	110/88	6-3/4	170	140	1 / 80
6AH12	KRONE	6-3/4	170	140	1 / 80
6AH13	66	6-3/4	170	140	1 / 80
6AH14	66 &110/88	6-3/4	170	140	1 / 80



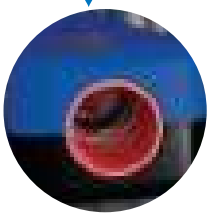


6AH01-1
FOR USE ON 110/88 TYPE

6AH01-2
FOR USE ON KRONE TYPE

6AH01-3
FOR USE ON 66 TYPE

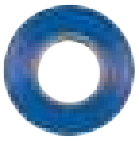
6AH01-4
FOR USE BOTH 66 & 110/88 TYPE



PVC Electrical Insulation Tape

6AG11-20

KT NO.	Overall length mm	g	
6AG11-20	18	52	1 / 250



Electronic Tool Set

90217PQ

- To repair electronic equipment....etc.

90217PQ
6BC23B
Soldering iron 220V/30W

90217PQ01
6BC23A
Soldering iron 220V/30W

90217PQ02
6BC23D
Soldering iron 220V/30W

90217PQ03
6BC23F
Soldering iron 110V/30W

17 PC.

Contents

Kg 1.26 | 1 / 8

1412	3x75, 5.5x100, 6.5x100
1411	PH0x75, PH1x100, PH2x100

6207-05

6377-55

6741-06

3611-06R

6BC23

6BF11-17

6BD11

7976-65

6AF11-125

6CB02

6BC100

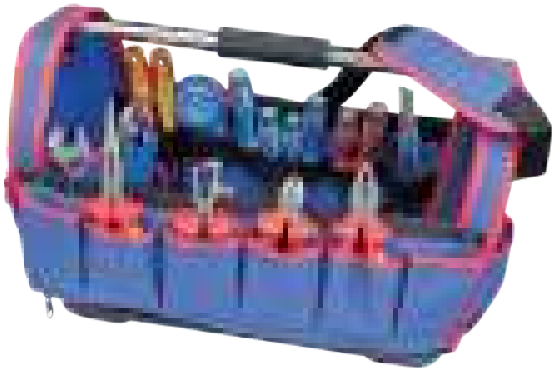
Electronic & Electrician Tool Set

91333MQ

▪ For electrician equipment

33 PC.

Contents		6.02	1 / 1
⊕	1421	PH1 x 80, PH2 x 100	
⊖	1422	5 x 75, 5 x 100, 6.5 x 100, 6.5 x 150	
⊕	1471	VDE NO.2 x 100	
⊖	1472	VDE 6.5 x 150	
	6116-07A	VDE 7-1/2"	
	6216-06A	VDE 6-1/2"	
	6318-08A	VDE 8-1/4"	
	6716-06A	VDE 6-1/4"	
	20109MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	
	20129SR	1/16, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 5/64	
	3611-08R	200mm	
	79093-05C	5M/16FT 19mm	
	7971-07	165mm	



87711C
Overall size:
550 x 285 x 370 mm / 39 inner pockets

91038MY01

▪ For electronic & electrician equipment...etc

38 PC.

Contents		3.13	1
⊕	1421	PH0 x 60, PH1 x 80, PH2 x 100	
⊖	1422	3 x 75, 5 x 75, 6.5 x 100	

87721B
Overall size: 360 x 200 x 250 mm

Digital Multimeter

9DM1361

- Date hold,auto range,auto power off selection, auto power off cancelation
- Unit & function indication, Maximum reading value 1999 digits. Negative polarity indicator (no indication is given for positive polarity)
- Low power consumption
- Fuse with : 500mA / 660V & 10A / 600V
- CE approval IEC61010-1 (2010), CAT.II 600V, CAT.III 300V

Specification	
DC Voltages (0.1mV ~ 1V)	200mV / 2V / 20V / 200V / 600V
AC Voltages (0.001V ~ 1V)	2V / 20V / 200V / 600V
DC Ampere (0.1uA ~ 0.01A)	200uA / 2000uA / 20mA / 2A / 10A
AC Ampere (0.1uA ~ 0.01A)	200uA / 2000uA / 20mA / 2A / 10A
Resistance (0.1Ω ~ 0.01MΩ)	200Ω / 2kΩ / 20kΩ / 200kΩ / 2MΩ / 20MΩ
Continuity check	Yes
Diode test	Yes
hFE(NPN, PNP)	Yes
LED check	Yes
Low battery indicator	Yes
LCD Display	3 1/2 digits 2000 counts
Sampling rate	3 times / sec

KT NO.	Size (mm) L x W x H		
9DM1361	138 x 70 x 32	85	10 / 40

Digital Multimeter

9DM1381

- Pocket size with flip cover design
- Approx. 4300 counts LCD display
- Auto range, auto power off selection
- Low power consumption
- CE approval EN61010-1, CAT.II 600V, CAT.III 300V
- Attachable test leads, easy operation

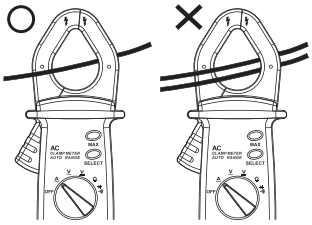
Specification	
DC Voltages (0.1mV ~ 1V)	400mV / 4V / 40V / 400V / 600V
AC Voltages (0.001V ~ 1V)	4V / 40V / 400V / 600V
Resistance (0.1Ω ~ 0.01MΩ)	400Ω / 4kΩ / 40kΩ / 400kΩ / 4MΩ / 40MΩ
Continuity check	Yes
Diode test	Yes
Overload indicator	OL
Low battery indicator	Yes
Sampling rate	Approx. 2 times / sec

KT NO.	Size (mm) L x W x H		
9DM1381	117 x 76 x 18	121	20 / 80

Digital Clamp Meter

9DM2351

- Max clamp size: Ø 30mm
- Unit & function indication , maximum reading value 1999 digits
- Negative polarity indicator (no indication is given for positive polarity)
- Auto power off selection approx. 15 minutes
- Low power consumption
- CE approval IEC 61010-1 , IEC 61010-2-032
  CAT.III 600V Pollution Degree 2
- Attachable test leads, easy operation



Specification	
AC Ampere (0.1A - 1A)	200A / 600A
AC Voltages (0.001V - 1V)	2V / 20V / 200V / 600V
DC Voltages (0.1mV - 1V)	200mV / 2V / 20V / 200V / 600V
Resistance (0.1Ω - 0.01MΩ)	200Ω / 2kΩ / 20kΩ / 200kΩ / 2MΩ / 20MΩ
Continuity check	Yes
Diode test	Yes
Low battery indicator	Yes
LCD Display	3 1/2 digits 1999 counts
Sampling rate	3 times / Sec.
Overload indicator	OL

KT NO.	Size (mm) L x W x H	g	
9DM2351	189 x 71 x 37	354	5 / 40

AC Non-contact Voltage Tester

6CB31

- Voltage ranges : 80 to 1000V AC.(50~60Hz)
- Application :
  AC voltage in outlets, lighting, circuit breakers, wires and cables etc..
- Adjustable sensitivity voltage detection
- Visible LED light voltage indicator in tip
  (Green light is high gear, red light is low gear)
- AAA battery x 2 PC. included
- Standard category :
  EN 61000-6-3 / EN 61000-6-1 CAT III

KT NO.	Overall size (mm) L x W x H	g	
6CB31	160 x 20 x 24	72	10 / 100

Infrared Thermometer

9DN12

- Not necessary to contact with the object
- IR point can be displayed clearly
- °C and °F interchangeable functions
- Selection of different materials
- Dark screen backlight test board functions
- 15 seconds automatically turn off the screen
- 9V battery * 1 (included)

Technical data	
Temperature range	-30~550°C (-22~1022°F)
Operating temperature	0~50°C
Resolution	0.1°C / 0.1°F
Accuracy	±2.5% OR 3°C
Emissivity	Selectable (0.85 / 0.90 / 0.95)
Distance to spot ratio	12:1
Auto power off	15 seconds
Laser pointer	Class 2 Laser < 1 mW

KT NO.	Overall Size (mm) L x W x H	g	
9DN12	193 x 47 x 126	313	5 / 20

Testing Screwdriver

6CB02

- Testing range : 100~500V
- CE approval
- Don't use the testing screwdriver as screwdriver
- Neon indicator

KT NO.	mm	mm	mm	mm	Testing range	g	
6CB02	3	0.6	65.5	140	100~500V	15	12 / 288

Digital Voltage Tester

6CB21

- Self-Diagnostic test
- Built-in LED flashlight
- LCD Display
- Protection IP64
- AAA 1.5V x 2pcs
- Standard category:
  EN 61243-3 / IEC 61243-3
  EN 61010-1 / IEC 61010-1
  CAT.III 690V / CAT.IV 600V

KT NO.	Overall Size (mm) L x W x H	g	
6CB21	255 x 66 x 30	250	5 / 20

Specification	
DC Voltage Test	12, 24, 50, 120, 230, 400, 690V
Polarity indication	Yes
AC Voltage Test	12, 24, 50, 120, 230, 400, 690V
Phase rotation test	Yes
High voltage indication	≧ 50V
Frequency range	0-70Hz
Continuity test	0~550KΩ
Operation condition	-10~55°C

WIRE & CABLE TOOLS

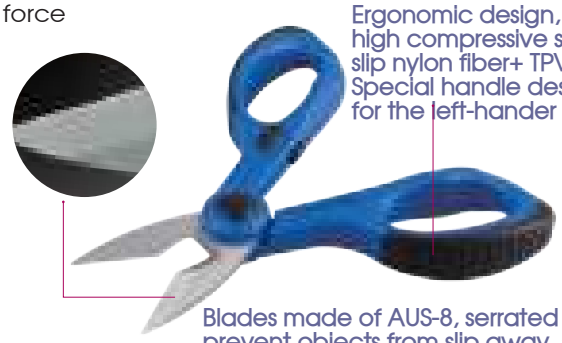
- Scissors
- Cable Cutter
- Knife
- Wire Strippers
- Cable Strippers
- Crimping Tool

Electrician Scissors

6AB13-06

- High cutting performance by low cutting force

- 38mm² wire



Ergonomic design, handles made of high compressive strength and non-slip nylon fiber+ TPV
Special handle design, also suitable for the left-hander

Blades made of AUS-8, serrated on the edge can prevent objects from slip away, soft cable, up to dia 38mm², insulation materials, electrical tape cable tie

KT NO.	Overall length inch	Overall length mm	Cutting length mm	Cutting capacity AWG	Cutting capacity mm²	g	
6AB13-06	6	150	26	2	38	114	12 / 72

6AB21-65

- Curved mouth cable cutter
- Safety blade locking system

KT NO.	Overall length inch	Overall length mm	Cutting length mm	Cutting capacity Ø mm	g	
6AB21-65	6-1/2	158	22	10	156	12 / 72

Multi-purpose Scissors

6AB12-55

- Stainless steel with serrated edges
- Grip material - PP + TPR

KT NO.	Overall length mm	(mm)	Cutting capacities (mm) Electric cable	Cardboard	Rubber	Leather	Rolled steel	Copper (soft)	Aluminum	g	
6AB12-55	145	55	10	10	10	10	0.5	0.5	0.5	94	12 / 72

6AB31

- Even mouth cable cutter
- Safety blade locking system

6AB31-75

6AB31-85

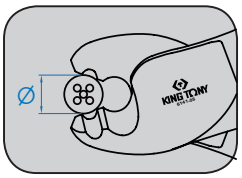
KT NO.	Overall length inch	Overall length mm	Cutting capacity mm	AWG	mm²	Cutting capacity Leather	Copper(soft)	Aluminum	g	
6AB31-75	7-1/2	185	52	16-12	1.5-4.0	2.0	0.5	0.5	160	12 / 72
6AB31-85	8-1/2	214	78	16-12	1.5-4.0	2.0	0.5	0.5	196	12 / 72

- Cut cable , cardboard , rubber , leather , rolled steel , copper (soft) , aluminum , carpet , branch and so on.

Cable Cutting Pliers

6141C

- Polished head
- For cutting copper and aluminum cables, single and multiple wire



KT NO.	Overall length inch	Overall length mm	Cutting capacity DIN(mm²)	Cutting capacity AWG	g	
6141-06C	6	160	33	2	169	6 / 120
6141-08C	8-3/8	212	67	2 / 0	282	6 / 60

Cable Cutter

6AD

- Cable cutter for cutting copper and aluminum cable

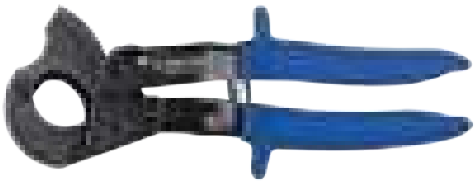
• Can be use with : 67B3-55 📖402 / 6AC51 📖407

KT NO.	Overall length mm	Cutting capacity DIN(mm²)	Cutting capacity AWG(MCM)	g	
6AD17-150	435	150	300	1339	1 / 20
6AD23-400	595	400	800	1847	1 / 10

Ratcheting Cable Cutter

6AD10-325

- Cut soft copper, aluminum and multiple conductor cable to 325mm² (600MCM)
- Cuts hard drawn copper to 200mm² (400MCM)



KT NO.	Overall length mm	Cutting capacity mm²	Cutting capacity AWG(MCM)	g	
6AD10-325	255	325	600	613.2	10 / 30
6AD10-3P01	Spare cutting blade			58	1 / 100

Utility Cutter

7971-07

- Automatically reloading snap-off blades
- Ergonomic soft ABS TPR handle
- Stainless steel blade guide
- Blade lock knob
- 4-blade cartridge(18mm)

KT NO.	L mm	g	📦/📦
7971-07	165	180	6 / 72

7976-65

- Ergonomic TPR handle
- Stainless steel blade guide
- Blade lock knob

KT NO.	L mm	g	📦/📦
7976-65	165	82	8 / 64

Electrician Knife

7932-04

- Electrician knife with wire stripper
- 1 blade with half-moon notch for stripping and vee for cutting

KT NO.	Blade length mm	Closed length mm	Overall length mm	g	📦/📦
7932-04	85	110	196	75	10 / 180

7933-45

- Straight blade electrician knife

KT NO.	Blade length mm	Closed length mm	Overall length mm	g	📦/📦
7933-45	85	120	205	111	10 / 180

7934-45

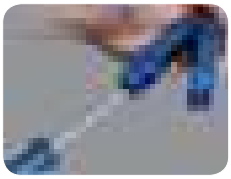
- Billhook blade electrician knife

KT NO.	Blade length mm	Closed length mm	Overall length mm	g	📦/📦
7934-45	75	120	191	125	10 / 180

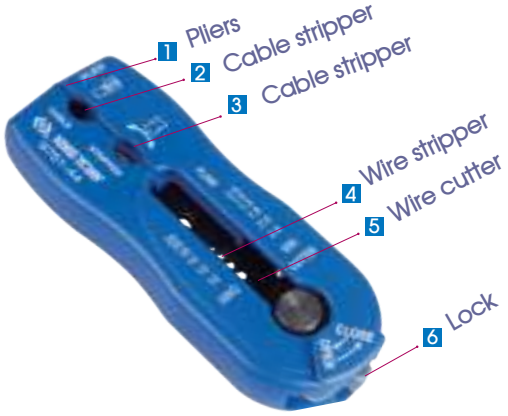
Multi-purpose Wire Stripper

6751-44

- Wire stripper
- Wire cutter
- Cable stripper



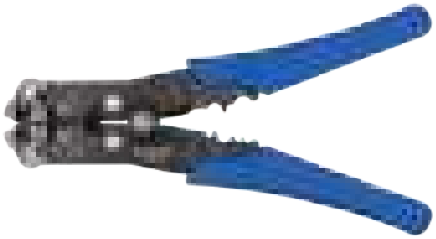
Preparation blade



KT NO.	Wire stripper Ø mm	AWG	Cable stripper Ø mm	Wire cutter Ø mm	g	pcs / box
6751-44	0.8-2.6	20-10	6-10	6	116	10 / 100

Wire Stripper

6762-08



• Insulated terminal crimping

•Wire stripper

• Wire cutter

KT NO.	Wire stripper mm²	AWG	Wire cutter Ø mm	Insulated terminal crimping mm²	AWG	g	pcs / box
6762-08	0.2-0.6	24-10	6	0.5-6	22-10	271	15 / 60

67A1-07

KT NO.	Wire stripper mm²	AWG	Wire cutter Ø mm	g	pcs / box
67A1-07	0.05-3.5	30-12	5	209	12 / 60

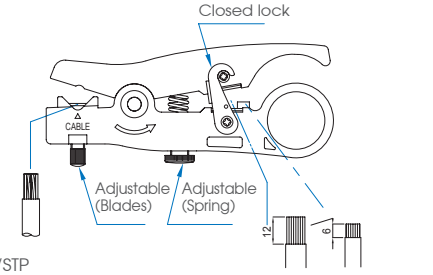
Cable Stripper

6755-05

- UTP/STP, flat cable stripper & cutter
- Material: ABS

UTP/STP cable stripper	(Ø 2.6 ~ Ø 8.0)
Flat cable stripper / cutter	RJ-45 (12 mm), RJ-11/12 (6 mm)

KT NO.	Overall length inch	mm	g	pcs / box
6755-05	5	127	72	20 / 120



UTP/STP
Cable stripper

(Ø 2.6 ~ Ø 8.0)

Flat cable stripper / cutter

RJ-45 (12 mm)
RJ-11/12 (6 mm)

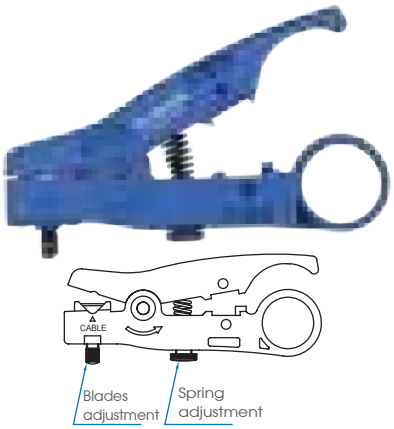
Coax. Cable Stripper

6756-05

- 2-Blades model
- Material : ABS

Stripper dimension "d"	6.4 mm
Stripper distance 2-Blades model	RG-174/58/59/62/6 3C/4C/5C (Ø 2.6 ~ Ø 8.0)

KT NO.	Overall length inch	Overall length mm	g	
6756-05	5	127	68	20 / 120

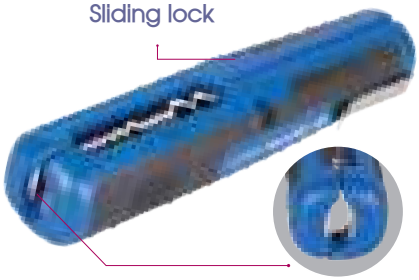


Multi-stripper

67B2-05

KT NO.	Overall length inch	Overall length mm	g	
67B2-05	4-3/4	120	69	15 / 90

Stripping capacity
• Round cables between : 8-13mm
• Wire cable : 0.5 1.0 1.5 2.5 4.0 6.0mm^2
• AWG : 20 18 16 14 12 10
• Coax.cable : RG-6 / RG-59



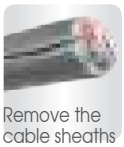
Cable Stripper

67B3-55

- Fast and safe stripping of round cable sheaths made of PVC or rubber from 6-45mm dia
- Adjustable knurled nut for max 6mm sheath

KT NO.	Cable stripper Ø mm	Overall length inch	Overall length mm	g	
67B3-55	6-45	5-1/2	140	170	10 / 100

• Can be use with : 6AC51 407 / 6AD 399

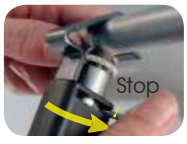


• Remove the cable sheaths without damage of the inner conductors

• Adjustable cutting depth

• Push cover

• Simple rotating the tool body



Cable Tie Fasten Tool

67E2-08

- Fasten nylon ties, up to 9mm in width
- Long stroke for fast action
- Tails cut separately to desired length

KT NO.	L mm	Max. cutting width (mm)	g	
67E2-08	191	9	310	5 / 40

■ Crimp die profiles

Symbol	
	Phone plugs 6 pin
	Modular plugs 8 pin
	Insulated terminal connectors
	Non-Insulated terminal connectors
	Pin terminal, Insulated & Non-Insulated ferrules
	Non-Insulated terminal, Lug connectors

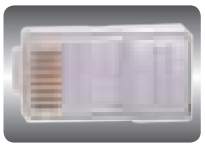
Symbol	
	CATV "F" , BNC , COAX , and fiber optics connectors

Modular Crimping Tool

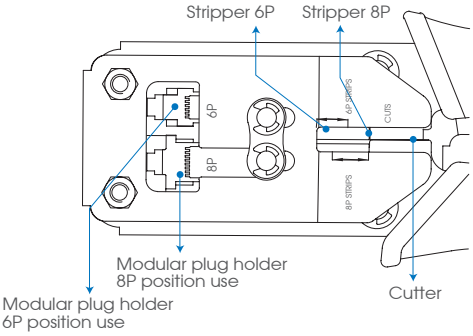
67F1-08

- For cutting / stripping / crimping
- 2 types of plugs in 1 tool
- Grip material - PP+TPR

• 6P



• 8P



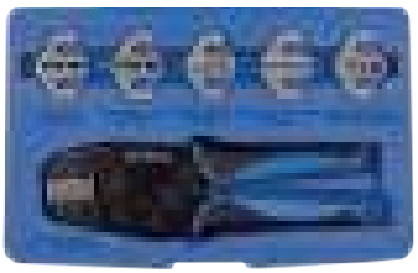
KT NO.	Overall length inch	Overall length mm		
67F1-08	8	203	370	10 / 40

Interchangeable Ratchet Crimping Tool Set

42107GX

- Quick interchangeable ratchet function & easy to use
- Crimping jaws with heat treatment
- Blow case size (mm): 282 x 176 x 52 (0.09 cuft)

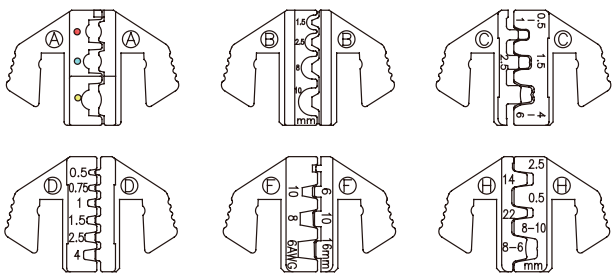
1.16 | 1 /10



7 PC.

CONTENTS :

- A : Insulated Terminal : 0.5 to 6mm²
- B : Non-Insulated Terminal : 1.5 to 10mm²
- C : Open Barrel Terminal : 0.5 to 6mm²
- D : Insulated Core-end Terminal : 0.5 to 4mm²
- F : Insulated Huge Core-end Terminal : 6 to 16mm²
- H : Open Barrel & D-Sub, V.35 Connectors : 0.5 to 10mm²



Ratchet Crimping Tool Set

67G0005

- Blow case size (mm): 240 x 70 x 50 (0.07 cuft)

1 | 1 / 16

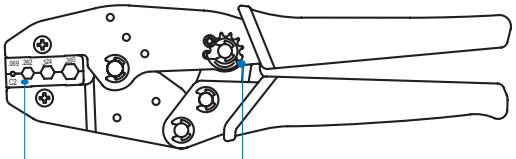
5 PC.

Item No.	Replacement die set	Terminal size	Description	
67GN-09	67GNP01	AWG 12 / 14 / 16 / 18 / 20 / 22 0.5 / 0.75 / 1.0 / 1.5 / 2.5 / 4.0 mm²	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GJP01		AWG 6 / 8 / 10 6 / 10 / 16 mm²	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GKP01		AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm²	INTER-LOCKING & NON-INSULATED	
67GLP01		AWG 12-10 / 8 / 16-14 / 20-18 1.5 / 2.5 / 6 / 10 mm²	NON-INSULATED TERMINAL	
67GHP01		AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm²	FOR INSULATED TERMINAL	

Ratchet Crimping Tool

67G

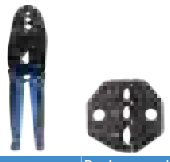
- For crimping RG type cable
- CATV "F" connectors
- Interchangeable die



Interchangeable die

Pressure adjustment for actuation force

KT NO.	Overall length inch	Overall length mm		
67G	8.7	222	480	1 / 30



Item No.	Replacement die set	Terminal size	Description	
67G1-09	67G1P01	.068" .262" .324" .360" (1.72 6.65 8.23 9.14 mm)	CATV "F" Connectors RG59, 6	
67G2-09	67G2P01	.068" .213" .356" .319" (1.72 5.41 6.5 8.1 mm)	RG58, 59, 62, 6, BELDEN 8279	
67G3-09	67G3P01	.068" .213" .255" (1.72 5.41 6.48 mm)	RG58, 59, 62, 140, BELDEN 8279	
67G4-09	67G4P01	.068" .100" .213" .255" .324" (1.72 2.50 5.41 6.48 8.23 mm)	RG58, 59, 62, 6,	
67G5-09	67G5P01	.187" .213" .319" (4.75 5.41 8.1 mm)	RG58, 6, 174, 140 FIBER OPTIC	
67G6-09	67G6P01	.255" .320" .350" (6.48 8.13 8.9 mm)	CATV "F" Connectors RG59, 6	
67G7-09	67G7P01	.042" .068" .151" .178" .213" (1.07 1.72 3.84 4.52 5.41 mm)	RG58, 174, BELDEN 8281 FIBER OPTIC SMA, SMB Connectors	
67G8-09	67G8P01	.028" .042" .068" .128" .178" (0.71 1.07 1.72 3.25 4.52 5.41 mm)	RG58, 174, FIBER OPTIC F2 F3 F5	
67G9-09	67G9P01	.043" .068" .100" .137" .213" .255" (1.10 1.72 2.54 3.5 5.41 6.48 mm)	RG58, 59, 62, 174, 140 FIBER OPTIC	
67GA-09	67GAP01	.042" .068" .078" .128" .151" .178" (1.07 1.72 2.0 3.25 3.84 4.52 mm)	RG174, 178,179 FIBER OPTIC	

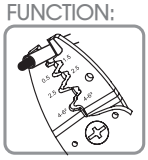
Item No.	Replacement die set	Terminal size	Description	
67GB-09	67GBP01	.075" .100" .128" .429" (1.9 2.54 3.25 10.9 mm)	RG8, 9, 11, 174, 316 BELDEN 9913	
67GC-09	67GCP01	.042" .068" .128" .137" .151" .178" .187" (1.07 1.72 3.25 3.5 3.84 4.52 4.75 mm)	RG58, 174, SMA SMB	
67GD-09	67GDP01	.068" .255" .324" (1.72 6.48 8.22 mm)	RG59, 62, 6, BELDEN 8281	
67GE-09	67GEP01	.068" .187" .213" .255" (1.72 4.75 5.41 6.48 mm)	RG58, 59, 62 142, 174, 223	
67GF-09	67GFP01	.128" .151" .187" .213" (3.25 3.84 4.75 5.41 mm)	RG58, 174 FIBER OPTIC	
67GN-09	67GNP01	AWG 12 / 14 / 16 / 18 / 20 / 22 0.5 / 0.75 / 1.0 / 1.5 / 2.5 / 4.0 mm^2	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GJ-09	67GJP01	AWG 6 / 8 / 10 6 / 10 / 16 mm^2	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GK-09	67GKP01	AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm^2	INTER-LOCKING & NON-INSULATED	
67GL-09	67GLP01	AWG 12-10 / 8 / 16-14 / 20-18 1.5 / 2.5 / 6 / 10 mm^2	NON-INSULATED TERMINAL	
67GH-09	67GHP01	AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm^2	FOR INSULATED TERMINAL	
67GG-09	Unchangeable	AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm^2	FOR INSULATED TERMINAL	

Crimping Tools

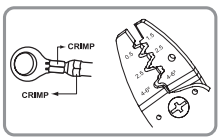
6721-10

- Wire cutter
- Crimps insulated terminals
- Bolt cutter
- Crimps non-insulated terminals (Open barrel)
- Wire stripper

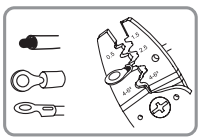
FUNCTION:



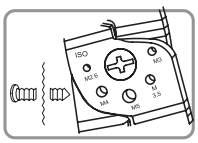
• Wire cutter



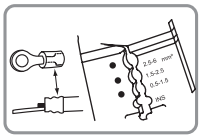
• Open barrel terminal crimping



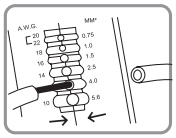
• Non-Insulated terminal Crimping



• Bolt-cutter



• Insulated terminal Crimping

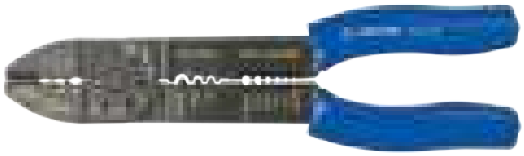


• Wire stripper

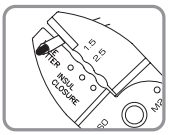
KT NO.	Wire cutter Ø mm²	Insulated terminal crimping	Bolt-cutter	Non insulated termind crimp	Open barrel terminal crimping	Wire stripper mm²	g	
6721-10	6	0.5~6	M2.6~5	0.5~6	1.5~6	0.75~6.0	248	10 / 50

6732-09

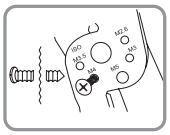
- Wire cutter
- Crimps insulated terminals
- Bolt cutter
- Crimps non-insulated terminals (Ring)
- Wire stripper



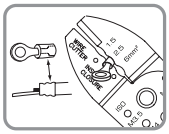
FUNCTION:



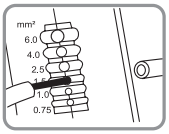
• Wire cutter



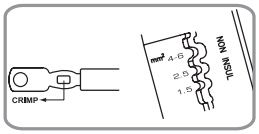
• Bolt-cutter



• Insulated terminal Crimping



• Wire stripper



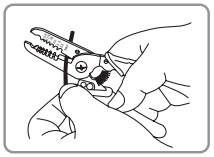
• Non-insulated ring terminal crimping

KT NO.	Wire cutter Ø mm²	Insulated terminal crimping	Bolt-cutter	Non-insulated ring terminal crimping	Wire stripper mm²	g	
6732-09	6	1.5~6	M2.6~5	1.5~6	0.75~6.0	261	24 / 72

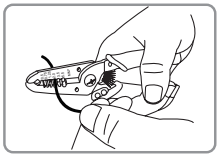
6741-06

- Wire cutter
- Wire stripper

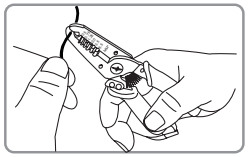
FUNCTION:



• Wire cutter



• Wire stripper



• Peel the electric wire's shell

KT NO.	Wire cutter Ø mm²	Wire stripper mm²	g	
6741-06	6	0.5~5.5	103	10 / 100

Heavy Duty Crimping Tool

6AC51-22

- For cable lugs from 10mm^2-120mm^2 with non-ratchet screw adjustment

KT NO.	Overall length mm	g	
6AC51-22	570	2996	1 / 5

Crimping capacity

AWG	8	6	4	2	1/0	2/0	3/0	4/0
JIS(mm^2)	8	14	22	38	60	70	80	100
DIN(mm^2)	10	16	25	35	50	70	95	120

6AC51-26

- For cable lugs from 10mm^2-150mm^2 with non-ratchet screw adjustment

KT NO.	Overall length mm	g	
6AC51-26	665	3900	1 / 5

Crimping capacity

AWG	8	6	4	2	1/0	2/0	3/0	4/0	300MCM
JIS(mm^2)	8	14	22	38	60	70	80	100	150
DIN(mm^2)	10	16	25	35	50	70	95	120	150

Crimping Tool for Non-insulated Terminal

6AC52

- Ratchet designed. For non-insulated terminals

KT NO.	Overall length inch	mm	g	
6AC52-11	10-1/2	270	480	6 / 24
6AC52-12	12	300	520	6 / 24

Item No. \ AWG	16	14	10	8	6
JIS mm^2	1.25	2	5.5	8	14
DIN mm^2	1.5	2.5	6	10	16
6AC52-11	•	•	•	•	
6AC52-12	•	•	•	•	•

HAMMERS & STRIKING TOOLS

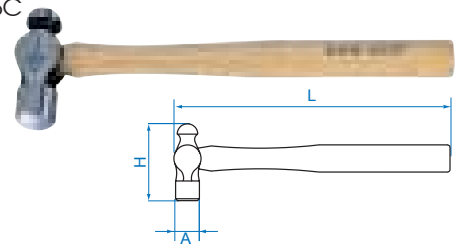
- Hammer
- Punch
- Flat Chisel
- Marking Punch

KING TONY 7851-24

Hammer

7811

- American style
- Forged and hardened steel
- Wood and metal wedge
- GGG-H86C

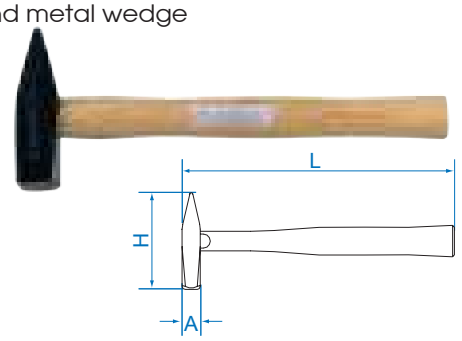


KT NO.	H.W g	H.W LB	H.W oz	A mm	H mm	L mm		
7811-08	245	1/2	8	25	80	300	375	6 / 60
7811-12	370	3/4	12	29	93	300	485	6 / 48
7811-16	485	1	16	32.5	103	353	640	6 / 36
7811-24	765	1-1/2	24	35.5	122	405	975	6 / 24
7811-32	925	2	32	40.5	125	405	1200	6 / 24
7811-40	1125	2-1/2	40	42.2	133	405	1395	6 / 12

7821

7821:

- German style
- Forged and hardened steel
- Wood and metal wedge
- DIN 1041



7823

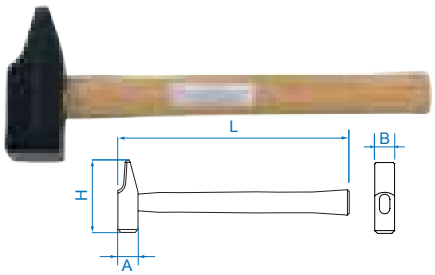
7823:

- Engineer's hammer
- DIN1041

KT NO.	H.W g	A mm	H mm	L mm		
7821-30	395	23	103	300	400	12 / 48
7821-50	615	27	120.5	320	660	6 / 36
7821-80	990	33	130	350	960	6 / 24
7823-10	1000	36	135	360	1121	9 / 18
7823-15	1500	42	145	380	1606	6 / 12
7823-20	2000	47	155	400	2106	6 / 12

7822

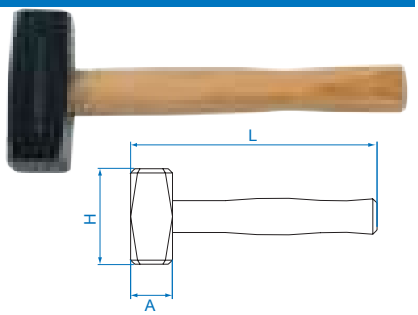
- Riveting hammer
- NF E71-016



KT NO.	H.W g	A mm	B mm	H mm	L mm		
7822-25	315	25	22	85	280	489	10 / 40
7822-30	400	30	26	95	300	650	10 / 40
7822-35	630	35	31	105	300	1000	9 / 36
7822-40	800	40	35	115	320	1330	8 / 16
7822-45	1250	45	40	124	355	1790	8 / 16
7822-50	1600	50	44	135	382	2458	6 / 12

7833

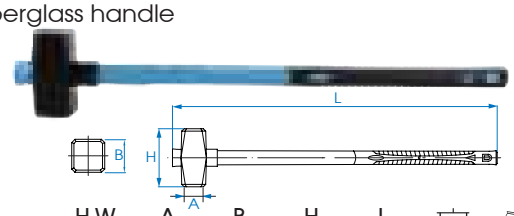
- Lump hammer
- DIN 6475



KT NO.	H.W g	A mm	H mm	L mm		
7833-10	1000	40	95	260	1065	7 / 14
7833-12	1250	43	100	260	1425	6 / 12
7833-15	1500	45	110	280	1778	6 / 12
7833-20	2000	50	120	300	2142	4 / 8

7834

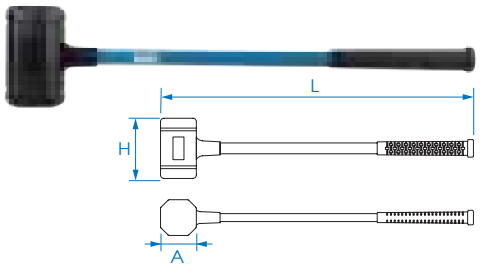
- Sledge hammer
- Fiberglass handle



KT NO.	H.W g	A mm	B mm	H mm	L mm		
7834-50	5000	66	66	160	895	5930	1 / 2

7852

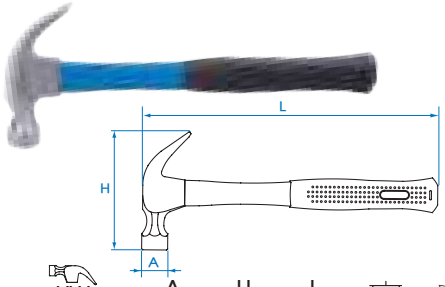
- Rubber hammer
- Fiberglass handle



KT NO.	H.W g	A mm	H mm	L mm		
7852-23	1650	69.5	142	500	2000	4 / 12
7852-55	4500	104	198	910	5500	2 / 4

7861

- Fiberglass claw hammer

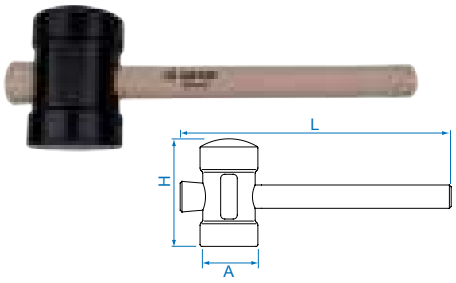


KT NO.	H.W oz	H.W g	A mm	H mm	L mm		
7861-16	16	450	30	133	335	740	4 / 24
7861-20	20	565	31	144	340	830	4 / 24
7861-24	24	680	32	147	380	920	10 / 20

Hammer

7848

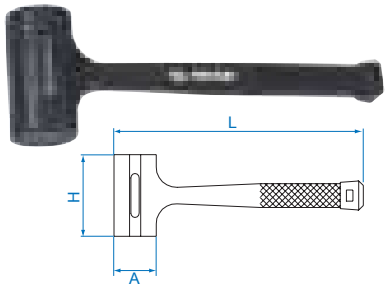
- Rubber hammer
- Feature: used to lay basalt floors, tires and other materials which are vulnerable



KT NO.	H.W g	A mm	H mm	L mm	g	
7848-60	523	64	119	330	628	6 / 12
7848-80	821	79	119	350	979	5 / 10

7851

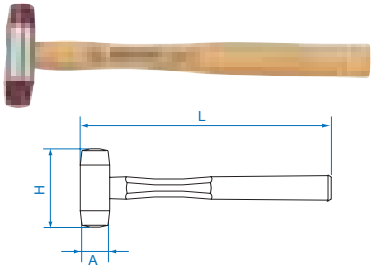
- Dead blow hammer



KT NO.	H.W g	A mm	H mm	L mm	g	
7851-08	227	43	81	272	585	6 / 24
7851-16	454	46	100	304	849	6 / 24
7851-24	680	49	100	322	884	6 / 24
7851-32	907	55	100	342	1090	6 / 24
7851-40	1134	58	110	342	1218	6 / 24
7851-48	1361	61	123	355	1511	6 / 12
7851-64	1814	67	136	368	1874	6 / 12

7842

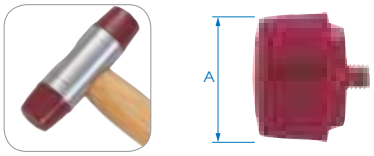
- Soft face hammer
- Replaceable polyure thane face
- Helps minimize marring and surface damage



KT NO.	A mm	H mm	L mm	g	
7842-22	22	75	255	110	10 / 40
7842-28	28	85	295	165	10 / 40
7842-35	38	100	325	305	8 / 32
7842-45	45	112	335	420	8 / 32
7842-60	60	135	380	895	6 / 12

915

- Spare faces for item 7842
- In soft 75° and hard 90°



KT NO.	Hardness (shore A)	A mm	g	
91522H/S	90° / 75°	22	11	10 / 160
91528H/S	90° / 75°	28	24	10 / 100
91535H/S	90° / 75°	38	36	6 / 120
91545H/S	90° / 75°	45	65	6 / 36
91560H/S	90° / 75°	60	123	6 / 12

Hammer Hook

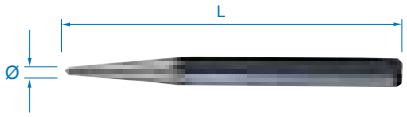
91431

- Overall Size - W40 x D210 x H240 mm
- Weight - 411.6 g / Cuft - 0.072

Chisel & Punch

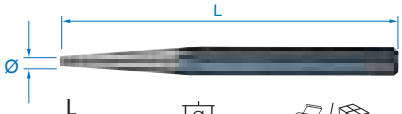
- Material - chrome vanadium alloy steel
- Finishing - phosphate sunk

761 Center punch



KT NO.	Ø mm	L mm	g	
76103-04	3	100	34	12 / 336
76104-05	4	120	59	12 / 336
76105-06	5	150	116	12 / 144

763 Starter punch



KT NO.	Ø mm	L mm	g	
76301-05	1	120	57	12 / 336
76302-05	2	120	58	12 / 336
76303-05	3	120	60	12 / 336
76304-05	4	120	60	12 / 336
76305-05	5	120	64	12 / 336
76306-05	6	120	64	12 / 336
76307-05	7	120	100	12 / 240
76308-05	8	120	100	12 / 240
76309-06	9	150	130	12 / 144
76310-06	10	150	132	12 / 144

Chisel & Punch

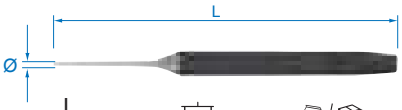
765 Cape chisel

KT NO.	Ø mm	L mm		
76505-05	2.6	132	70	12 / 192

762 Flat chisel

KT NO.	A mm	L mm		
76213-04	13	100	69	12 / 336
76215-05	15	125	70	12 / 336
76217-06	17	150	145	12 / 144
76220-07	20	175	300	12 / 144
76223-08	23	200	300	12 / 72
76224-10	24	250	388	4 / 40
76226-12	26	300	650	4 / 32

764 Pin punch



KT NO.	Ø mm	L mm		
76402-45	2	115	32	10 / 640
76403-05	3	125	34	10 / 640
76403-06	3	150	43	10 / 250
76404-06	4	150	60	10 / 250
76405-65	5	165	71	10 / 280
76406-07	6	180	125	10 / 150
76408-08	8	200	130	10 / 120
76410-85	10	215	155	12 / 120
76412-09	12	230	356	10 / 80
76414-10	14	250	502	6 / 48

- Material - chrome vanadium alloy steel
- Finishing - phosphate sunk

Punch Set

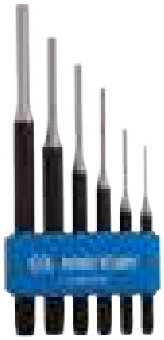
1005APR new

5 PC.

Contents		0.32 kg / 1 / 5
	76104-05	Ø 4 x 120
	76215-05	15 x 125
	76303-05	3 x 120
	76404-06	Ø 4 x 150
	76505-05	Ø 5 x 130

1006APR new

6 PC.



Contents		0.51 kg / 5 / 30
	764	Ø 2 x 115, Ø 3 x 125 Ø 4 x 150, Ø 5 x 165 Ø 6 x 180, Ø 8 x 200

Flat Chisel & Punch Set

1090PR1

90 PC.

- Flat chisel & punch set

KT NO.		Contents	Each Q'ty	kg	Cuft
1090PR1	761	Ø 4 x 120, Ø 5 x 150	6	13.5	0.34'
	762	17 x 150, 20 x 175, 23 x 200, 24 x 250 mm			
	763	4 x 120, 8 x 120 mm			
	764	Ø 3 x 40, Ø 4 x 50, Ø 5 x 50, Ø 6 x 50, Ø 10 x 65			
	767	150 , 200 mm			
8711B		600 x 240 x 60 mm	1	6.2	0.9'
8711B-1		600 x 232 x 230 mm	1	2.0	1.7'

Shelf size (mm) : 600 x 240 x 290

Punch Set

- Material - chrome vanadium alloy steel
- Finishing - phosphate sunk

► PRN : Tetoron pouch bag

► PR : Nylon pouch bag

KT NO.	PC.		Contents	Package		
1006PR	6	764	Ø 2 x 30, Ø 3 x 40, Ø 4 x 50, Ø 5 x 50, Ø 6 x 50, Ø 8 x 50	Nylon	0.57	1 / 20
1006PRN	6			Tetoron		
1009PR	9		Ø 2 x 30, Ø 3 x 40, Ø 4 x 50, Ø 5 x 50, Ø 6 x 50, Ø 8 x 50, Ø10 x 65, Ø12 x 70, Ø14 x 75	Nylon	1.7	1 / 12
1009PRN	9			Tetoron		
1010PR	10	761	Ø 3 x 100, Ø 4 x 120, Ø 5 x 150	Nylon	0.88	1 / 24
		763	Ø 3 x 120, Ø 6 x 120, Ø 8 x 120			
		764	Ø 3 x 40, Ø 4 x 50, Ø 5 x 50, Ø 6 x 50			

Sheathed Chisel & Pin Punch

- Material – chrome molybdenum alloy steel
- Finishing - phosphate sunk
- Safe and comfortable grip

761-G Sheathed center punch

KT NO.	Ø mm	L mm		
76125-74G	2.5	185	104	12 / 144
76104-74G	4	185	110	12 / 144
76106-74G	6	185	112	12 / 144
76108-74G	8	185	179	12 / 120
76110-74G	10	185	169	12 / 120

762-G Sheathed flat chisel

KT NO.	A mm	L mm		
76218-75G	18	190	180	10 / 100
76219-75G	19	190	180	10 / 100
76220-84G	20	210	269	8 / 80
76222-84G	22	210	271	8 / 80

763-G Sheathed starter punch

KT NO.	Ø mm	L mm		
76302-74G	2	185	104	12 / 144
76303-74G	3	185	105	12 / 144
76304-74G	4	185	107	12 / 144
76305-74G	5	185	112	12 / 144
76306-74G	6	185	115	12 / 144
76308-74G	8	185	162	12 / 120

764-G Sheathed pin punch

KT NO.	Ø mm	L mm		
76402-55G	2	140	50	12 / 384
76403-06G	3	150	54	12 / 384
76404-07G	4	180	94	12 / 144
76405-08G	5	200	108	12 / 144
76406-84G	6	210	157	12 / 120
76407-84G	7	220	165	12 / 120
76408-88G	8	220	175	12 / 96
76409-88G	9	230	184	12 / 96
76410-09G	10	250	259	10 / 80
76412-10G	12	290	340	8 / 64
76414-11G	14	350	443	6 / 48
76416-12G	16	310	593	6 / 36
76410-14G	10	350	363	10 / 60
76412-14G	12	350	470	6 / 36
76414-14G	14	350	518	6 / 36
76416-14G	16	350	664	5 / 30

Sheathed Pin Punch Set

► Pouch material : Tetoron

KT NO.	PC.		Contents		
1014GPN	4	764-G	Ø 10 x 350, Ø 12 x 350, Ø 14 x 350, Ø 16 x 350	2.13	1 / 8
1006GPN	6		Ø 2 x 140, Ø 3 x 150, Ø 4 x 180, Ø 5 x 200, Ø 6 x 210, Ø 8 x 220	0.80	1 / 8
1009GPN	9		Ø 2 x 140, Ø 3 x 150, Ø 4 x 180, Ø 5 x 200, Ø 6 x 210, Ø 8 x 220, Ø 10 x 230, Ø 12 x 250, Ø 14 x 290	1.82	1 / 12

Automatic Center Punch

768

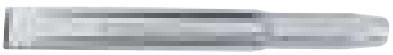
- Material : handle - brass, tip - S2
- Spring-loaded trigger design for useing without a hammer

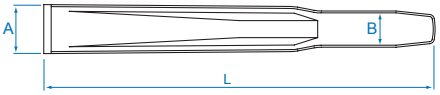
KT NO.	Ø mm	L mm	g	
76804-05	1.3	130	75.0	30 / 120
76807-06	1.7	155	141.7	30 / 120

Flat Chisel & Set

767

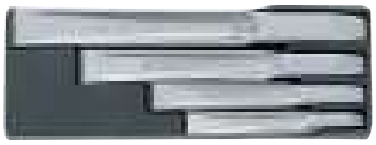
- Ribbed type





KT NO.	A mm	B mm	L mm	g	
76717-05	17	12.6	125	90	12 / 240
76721-06	20	16.0	150	130	12 / 144
76724-08	25	19.0	200	280	12 / 72
76729-10	29	22.3	250	480	8 / 48

11104PR10



4 PC.

Contents — 1.0 kg — 1 / 20

76717-05	17 x 125
76721-06	20 x 150
76724-08	25 x 200
76729-10	29 x 250

11104PR

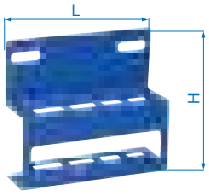
4 PC.

Contents — 1.37 kg — 1 / 10

76717-05	17 x 125
76721-06	20 x 150
76724-08	25 x 200
76729-10	29 x 250
87108	

87108

- Acrylic display stand



KT NO.	H mm	L mm	g	
87108	140	160	410	12

Marking Punch

11409SQ

11427SQ

- Chrome vanadium alloy steel
- Hardened and tempered control HRC60 for safe use
- Invert number 6 to be number 9 (For 11409SQ)
- The letter A~Z with extra "&" (ampersand) included (For 11427SQ)

11409SQ

11427SQ

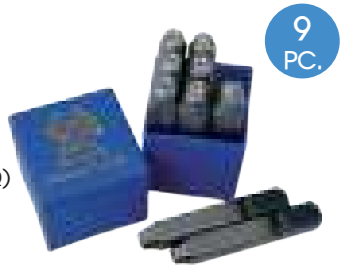
KT NO.	mm	H inch	Contents	Squre mm	L mm		
new 11409SQ02	2.0	5/64"	9 PCS 0~9	6.35 x 6.35	61	0.18	1 / 120
new 11409SQ03	3.0	1/8"		6.35 x 6.35	61	0.18	1 / 120
new 11409SQ04	4.0	5/32"		6.35 x 6.35	59	0.18	1 / 120
11409SQ05	5.0	3/16"		8 x 8	61	0.28	1 / 80
new 11409SQ06	6.0	1/4"		7.93 x 7.93	61	0.43	1 / 60
11409SQ08	8.0	5/16"		12.7 x 12.7	71	0.78	1 / 30
new 11427SQ02	2.0	5/64"	27 PCS A~Z, &	6.35 x 6.35	61	0.52	1 / 50
new 11427SQ03	3.0	1/8"		6.35 x 6.35	61	0.52	1 / 50
new 11427SQ04	4.0	5/32"		6.35 x 6.35	59	0.52	1 / 50
11427SQ05	5.0	3/16"		8 x 8	61	0.82	1 / 30
new 11427SQ06	6.0	1/4"		7.93 x 7.93	61	1.25	1 / 20
11427SQ08	8.0	5/16"		12.7 x 12.7	71	2.33	1 / 10

Heavy Duty Marking Punch

11509SQ

11527SQ

- Chrome vanadium alloy steel
- Hardened and tempered control HRC60 for safe use
- Hardness reduced at striking end HRC40 to have longer life time
- Invert number 6 to be number 9 (For 11509SQ)
- The letter A~Z with extra "&" (ampersand) included (For 11527SQ)



11509SQ05

11527SQ05

KT NO.	mm	H inch	Contents	Squre mm	L mm		
11509SQ05	5.0	3/16"	9 PCS 0~9	11 x 11	61	0.56	1 / 30
11527SQ05	5.0	3/16"	27 PCS A~Z, &	11 x 11	61	1.70	1 / 10

WORKSHOP TOOLS

- Puller
- Riveter & Nut Riveter
- Measuring Tools
- KING TONY Tools for Working at Height
- Bench Vise
- Damaged Screws, Nuts, Bolts Remover Tools
- Snips
- Saw
- File
- Tap Holder
- Threaded Coil-Insert Repair Set
- Tap & Die Set

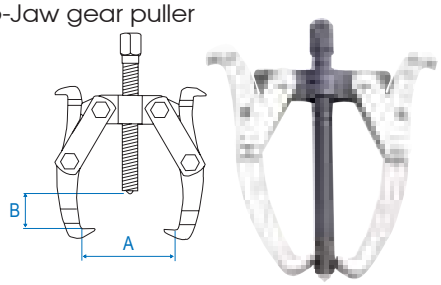
KING TONY
79721
KING TONY 21-30-101

Gear Puller

- Material - chrome vanadium alloy steel
- Finishing - chrome plated & phosphate sunk

7962

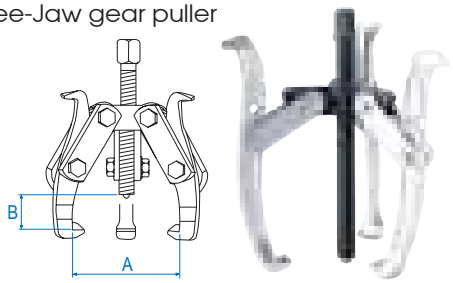
▪ Two-Jaw gear puller



KT NO.	Capacity (tons)	HEX (mm)	Jaw (leg)	Spread (A)mm	Reach (B)mm	kg	
7962-03	0.5	14	2	85	60	0.44	1 / 40
7962-04	1	17	2	110	95	0.78	1 / 20
7962-06	4	19	2	160	160	1.65	1 / 10
7962-08	7	23	2	210	235	3.50	1 / 5
7962-12	10	32	2	310	330	7.00	1 / 2

7963

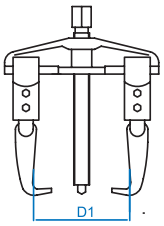
▪ Three-Jaw gear puller

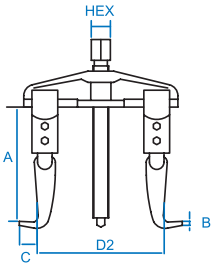


KT NO.	Capacity (tons)	HEX (mm)	Jaw (leg)	Spread (A)mm	Reach (B)mm	kg	
7963-03	0.5	14	3	85	60	0.55	1 / 40
7963-04	1	17	3	110	95	1.06	1 / 20
7963-06	4	19	3	160	160	2.25	1 / 10
7963-08	7	23	3	210	235	4.50	1 / 5
7963-12	10	32	3	310	330	11.00	1 / 2

7962B

▪ Two-Jaw gear puller
▪ Adjustable sliding arm for efficiency and safety
▪ Reversible jaws for internal & external options gear, axle, bearing, etc...





KT NO.	Capacity (tons)	Hex (mm)	Jaw (leg)	Reach A(mm)	B (mm)	C (mm)	Spread D1 (mm)	Spread D2(mm)	E (mm)	kg	
7962B-35	2.0	17	2	100	3.8	14.5	90	60~125	21	1.05	1/12
7962B-05	3.0	17	2	100	3.8	14.5	130	60~160	21	1.15	1/12
7962B-06	3.0	22	2	150	4.6	23.0	150	85~200	30	2.98	1/6
7962B-08	5.0	22	2	150	4.6	23.0	190	105~230	30	3.41	1/6
7962B-10	5.0	27	2	210	7.0	30.0	240	130~300	35	7.11	1/3

Two Sets Pressure Screw Bearing Separator Puller Set

9BA21

▪ 2 Sets bearing separator & bolts
▪ Contents:

(1) Bearing Seperator
9BA21P02
Capacity 30mm ~ 50mm
Bolt 3/8" x 24UNF x L125mm

(2) Bearing Seperator
9BA21P01
Capacity 50mm ~ 75mm
Bolt 1/2" x 20UNF x L 135mm

(3) 4 PC. Main rod
9BA21P04
Hex bar 14mm 3/8" x L 102mm x 2 pcs
9BA21P06
Hex bar 17mm 1/2" x L 127mm x 2 pcs

(4) 4 PC. Extension rod
9BA21P05
Hex bar 14mm 3/8" x L 102mm x 2 pcs
9BA21P07
Hex bar 17mm 1/2" x L 127mm x 2 pcs

(5) 1 PC. Beam
Central Bolt

(6) 9BA21P011
Hex 18mm x 9/16" x L175mm

kg 5.25 / 1 / 2

12 PC.

Pressure Screw Bearing Separator Puller Set

9BA22

- Includes bearing separator & bolts
- Contents:

(1) Bearing Seperator
9BA22P01
Capacity 75mm ~ 105mm
Bolt 5/8" x 18UNF x L 165mm

(2) 2 PC. Main rod
9BA22P02
Hex bar 19mm x M12 & 1/2" x L 255mm

(3) 2 PC. Extension rod
9BA22P04
Hex bar 19mm x M12 x L 255mm

(4) 1 PC. Beam

(5) 1 PC. Central bolt
9BA22P011
Hex 21mm x M18 x L292 mm

(6) 1 PC. Nut

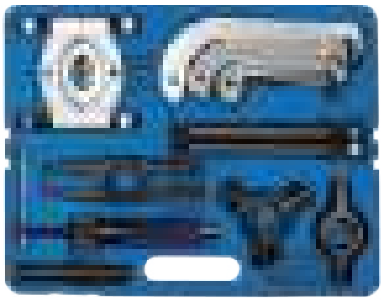
8.95 / 1 / 2

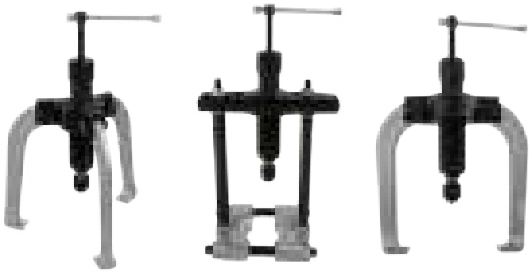
Hydraulic Puller Set

9BA01

- Includes forged steel bearing separator and gear puller
- Operate up to 10 ton hydraulic pulling power
- Special separator design of the strong back puller allows the puller to be used even in the tightest spaces
- Suitable for industry, automotive and a gricultural machine

1 Set Separator Capacity 75mm ~ 105mm
1 PC. Beam
1 PC. 10T Hydraulic Ram
1 PC. Tripe Head
1 PC. Twin Head
1 PC. Ram Part
1 PC. Centre Adapter
1 PC. 1"x 2" Extension Rod
1 PC. 1"x 4" Extension Rod
2 PC. Main Rod Hex bar 19mm x M12 & 1/2" xL255mm
2 PC. Extension RodHex bar 19mm x M12 x L255mm
3 PC. 4" Leg
3 PC. 6" Leg
3 PC. 8" Leg



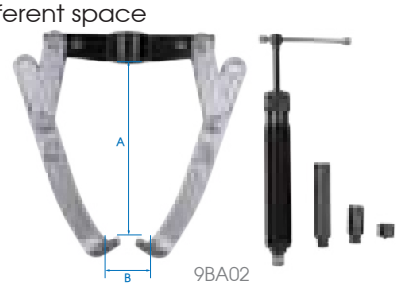


17 / 1 / 1

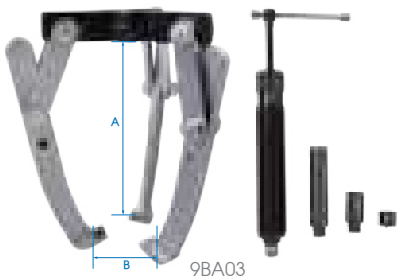
Hydraulic Mechanical Pullers

9BA

- Quick and safe removal particularly large and tight gears, bearings, etc...
- Two and three jaws type, use for different space



9BA02



9BA03

KT NO.	Capacity (Tons)	Jaws (leg)	Spread A(mm)	Reach B(mm)		
9BA02	15T	2	320	500	11.3	1 / 1
9BA03	15T	3	320	500	16.5	1 / 1

Universal Bearing Puller Set

9BA31

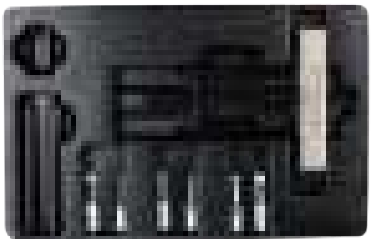
- Easy and fast removing ball bearing by using the puller
- Select proper tips by ball diameter

CONTENTS :

- 1 PC. Puller yoke and center screw
- 1 PC. Top Nut
- 2 PC. Extension rod x L 105mm
  Ball ended threaded adapter
- 2 PC. 5.5mm / 2 PC. 6.0mm / 2 PC. 8.0mm

1.33 / 1 / 12

10 PC.



9BA32

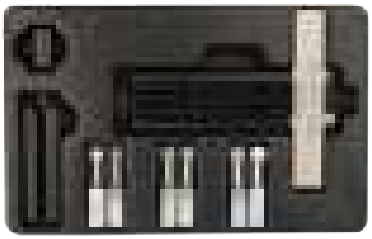
- Easy and fast removing ball bearing by using the puller
- Select proper tips by ball diameter

CONTENTS :

- 1 PC. Puller yoke and center screw
- 1 PC. Top Nut
- 2 PC. Extension rod x L 100mm
  Ball ended threaded adapter
- 2 PC. 11.0mm / 2 PC. 12.5mm / 2 PC. 15.0mm

2.0 / 1 / 12

10 PC.



Slide Hammer Gear Puller Set

9BA33

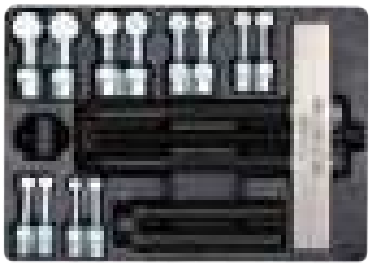
- Easy and fast removing ball bearing by using the puller
- Select proper tips by ball diameter

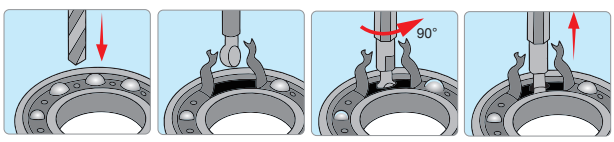
CONTENTS :

- 1 PC. Puller yoke and center screw
- 1 PC. Top Nut
- 2 PC. Extension rod x L 170mm
  Ball ended threaded adapter :
- 2 PC. 15.0mm / 2 PC. 17.4mm
- 2 PC. 20.0mm / 2 PC. 25.2mm
- 2 PC. 30.0mm / 2 PC. 36.4mm

8.0 / 1 / 3

16 PC.



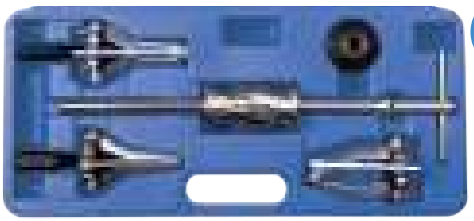


796401MR

Slide Hammer Puller Set

- For jobs involving pull and grip gears, bearings, outer races, grease retainers, oil seals, etc.
- 2.6 lbs(1.2 kgs) slide hammer
- 400 mm length T-handle puller
- 3-in-1 hammer puller, to handle inside pull such as bearing cups and outer races, as well as regular outside pull jobs

4.5 / 1/4



6 PC.

CONTENTS:

- 1 PC. 400 mm T handle shaft
- 1 PC. 2.6 lbs / 1.2 kgs hammer
- 1 PC. Adjustable nut
- 1SET Internal gear puller for Ø15-30mm(A)
- 1SET Internal gear puller for Ø30-80mm(B)
- 1SET External gear puller for Ø15-80mm(C)

Items	D (mm)	Capacity
Internal gear puller	6	Ø 15-30mm
Internal gear puller	10.5	Ø 30-80mm
External gear puller	10.5	Ø 15-80mm

Riveter & Set

21-20-101

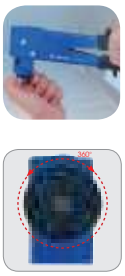
- Stainless steel riveter nozzles
- Drop-forged aluminum body

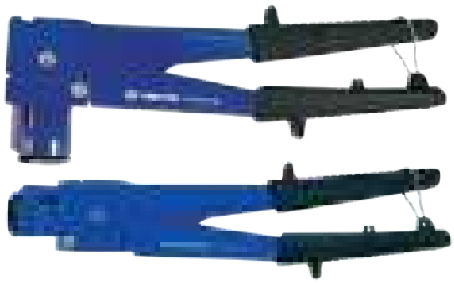
Ø 2.4~4.8mm

KT NO.	L inch	L mm	Capacity inch	Capacity mm	g	
21-20-101	10-1/4	260	3 / 32 1 / 8 5 / 32 3 / 16	Ø 2.4 Ø 3.2 Ø 4.0 Ø 4.8	588	12 / 24

21-20-102

- 4 changeable sizes
- Stainless steel riveter
- The driver can be used in 90° and 180°





KT NO.	L inch	L mm	Capacity inch	Capacity mm	g	
21-20-102	11	278	3 / 32 1 / 8 5 / 32 3 / 16	Ø 2.4 Ø 3.2 Ø 4.0 Ø 4.8	778	6 / 24

21-20-07MR

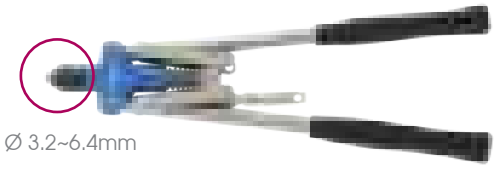
Blow case size (mm) :
276 x 160 x 46(0.122 cuft)

Contents				1.06	1 / 16	Each Q'ty
	4 x 8 mm		4 x 10 mm			20
	4 x 8 mm		4 x 10 mm			
	4.8 x 8 mm		4.8 x 10 mm			
	21-20-101					1

Riveter

79711

- Stainless steel riveter nozzles
- Drop-forged aluminum body
- Heavy duty riveter for stainless or aluminum rivets



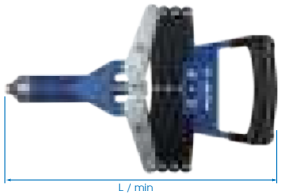
Ø 3.2~6.4mm

KT NO.	L inch	L mm	Capacity inch	Capacity mm	kg	
79711	18	460	1 / 8 5 / 32 3 / 16 1 / 4	Ø 3.2 Ø 4.0 Ø 4.8 Ø 6.4	1.48	1 / 12

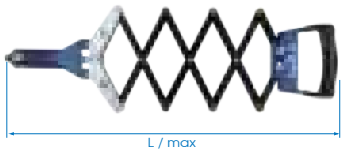
Expander Riveter

79721

- Expander framework design to press riveter
- 4 PC. Interchangeable nozzles
- Heavy duty riveter for stainless or aluminum rivets



L / min



L / max

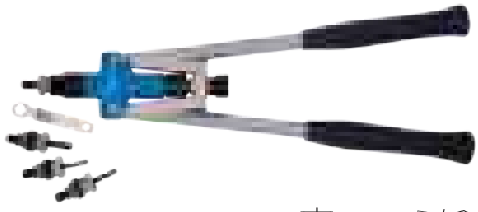
3.2mm (1/8")	2.4mm
4.0mm (5/32")	2.8mm
4.8mm (3/16")	3.2mm
6.4mm (1/4")	4.1mm

KT NO.	L (min) mm	L (min) inch	L (max) mm	L (max) inch	kg	
79721	315	12-1/2	870	34-1/4	2.00	1 / 10

Nut Riveter

79731 new

- Stainless steel nut riveter nozzles
- Drop-forged aluminum body
- Heavy duty riveter for stainless or aluminum rivet nuts



KT NO.	Metric size	kg	
79731	M5, M6, M8, M10	1.86	1 / 12

Blind Nut Riveter

21-30-09MR

- Designed for fastening object to thin metal
- 4 PC. interchangeable mandrels (M4, M5, M6, M8)
- 80 PC. iron nut rivet

CONTENTS:

85 PC.

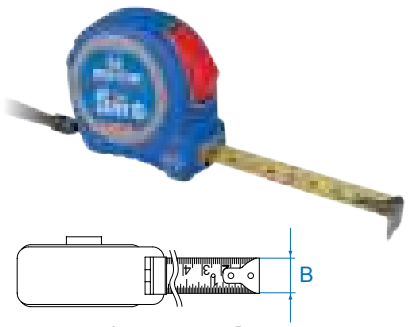
M4 x 0.7 x 20 PC.	M4 x 0.7
M5 x 0.8 x 20 PC.	M5 x 0.8
M6 x 1.0 x 20 PC.	M6 x 1.0
M8x 1.25 x 20 PC.	M8x 1.25

KT NO.	L inch	L mm	kg	
21-30-09MR	10-1/2	265	1.32	1 / 12

Measuring Tape

- Auto-Lock measuring tape
- Two retrieval buttons
- Nylon coating 3-rivet blade
- Ergonomic & shockproof ABS+TPE case
- Specially red marked each 10cm scale
- EU Class II accuracy standard approval

79093



KT NO.	L M / FT	B mm		
79093-02M	2M	16	110	16 / 64
79093-03M	3M	16	137	16 / 64
79093-05M	5M	19	210	14 / 56
79093-05M1	5M	25	260	12 / 48
79093-08M	8M	25	420	12 / 48
79093-03C	3M/10FT	16	137	16 / 64
79093-05C	5M/16FT	19	210	14 / 56
79093-08C	8M/26FT	25	420	12 / 48

79094

- Magnetic hook

KT NO.	L M / FT	B mm		
79094-02M	2M	16	110	16 / 64
79094-03M	3M	16	137	16 / 64
79094-05M	5M	19	210	14 / 56
79094-08M	8M	25	420	12 / 48
79094-03C	3M/10FT	16	137	16 / 64
79094-05C	5M/16FT	19	210	15 / 60
79094-05C1	5M/16FT	25	260	12 / 48
79094-08C	8M/26FT	25	420	12 / 48

Paper Display Stand for Measuring Tape

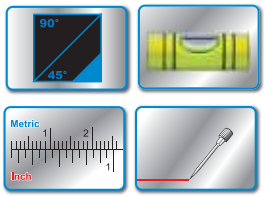
87118

- Capacity: 12 PC.
- For all measuring tape (79093 / 79094 <02M,03M,05M>series)
- Paper display stand size(mm): 309 x 237 x 189 (0.489 CUFT)

Measuring

79062

- Adjustable square measuring with angle spirit level 305mm
- Sliding combination of square, spirit level, height gauge and steel rule
- 90° and 45° level allow try-square and metre-square work
- Metal scriber pin in the end
- Metric and imperial marking at both sides
- Precision cast zinc alloy and stainless blade
- For woodwork

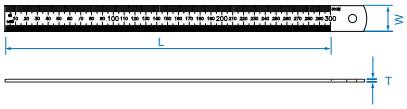


KT NO.	L mm	L inch		
79062-12	305	12	312	12 / 72

Stainless Ruler

79063

- Stainless steel deeply etched for easy reading
- Dual scale: metric & imperial marking (mm/inch)

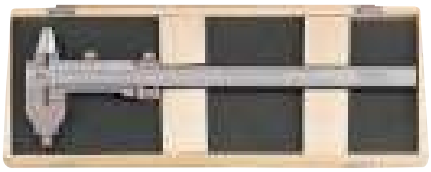


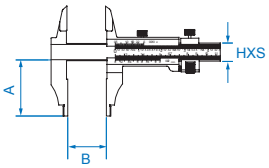
KT NO.	L mm	L inch	W mm	T mm		
79063-06	150	6	14.7	0.6	12	100 / 1500
79063-12	300	12	23.7	1.0	65	20 / 400
79063-20	500	20	28.5	1.2	145	10 / 160
79063-40	1000	40	35.0	1.2	360	10 / 80

Calipers

77121

- Vernier calipers with fine adjustment and nib jaws
- Inside and outside measurement can be read directly from jaw
- Dual scale: metric & imperial marking (mm/inch)
- The calipersis made of hardened stainless steel

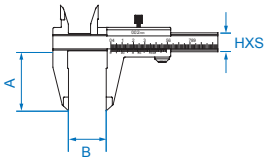




KT NO.	A mm	B max mm	B max inch	Vernier mm	Vernier inch	H x S mm		
77121-08	60	200	8	0.02	0.001	20 x 4	860	1 / 10

77131

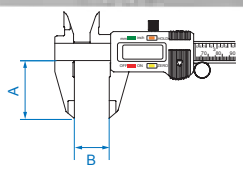
- Vernier calipers parallax free
- Parallax free bevel scales for easy and accurate measurement
- 4 way measurement capability for outside, inside, depth and step measarements
- The caliperis made of hardened stainless steel



KT NO.	A mm	B max mm	Vernier mm	H x S mm		
77131-06	40	150	0.02	16 x 3	320	1 / 50
77131-08	50	200	0.02	20 x 4	450	1 / 50

77141

- Digital calipers
- Digital display slide calipers with thumb roller
- Large clear LCD on/off, metric/imperial, zero switches
- Hold function allows quick and efficient inspection record
- Made of hardened stainless steel



KT NO.	A mm	B max mm	B max inch	Resolution mm	Resolution inch		
77141-06	40	150	6	0.01	0.001	320	1 / 20
77141-08	50	200	8	0.01	0.001	485	1 / 50

Metric Feeler Gauge

- Material: blade made of spring steel

77340-20

- 20 blades metric feeler gauge

CONTENTS:

- 0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00 mm

KT NO.	Number of blades	Width x Length of blades (mm)		
77340-20	20	10 x 100	105	50 / 200

77335-25

- 25 blades metric feeler gauge

CONTENTS:

- 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00 mm

KT NO.	Number of blades	Width x Length of blades (mm)		
77335-25	25	13 x 85	105	50 / 200

Metric Feeler Gauge

- Material: blade made of spring steel

77328-26

- 26 blades inch feeler gauge

CONTENTS:

- 0.0015", 0.002", 0.0025", 0.003",
- 0.004", 0.005", 0.006", 0.007",
- 0.008", 0.009", 0.010", 0.011",
- 0.012", 0.013", 0.014", 0.015", 0.016", 0.017", 0.018", 0.019", 0.020", 0.021", 0.022", 0.023", 0.024", 0.025"

- 0.038, 0.051, 0.063, 0.076, 0.102, 0.127, 0.152, 0.178, 0.203, 0.229, 0.254, 0.279, 0.305, 0.330, 0.356, 0.381, 0.406, 0.432, 0.457, 0.483, 0.508, 0.533, 0.559, 0.584, 0.610, 0.635 mm

KT NO.	Number of blades	Width x Length of blades (mm)	g	
77328-26	26	12.7 x 76	91	14 / 168

Roller Chain Detacher

3214

KT NO.	For chain size mm	g	
3214-35	35~50	310	1 / 60
3214-60	60~100	691	1 / 20

KING TONY Tools for Working at Height

79A21-30

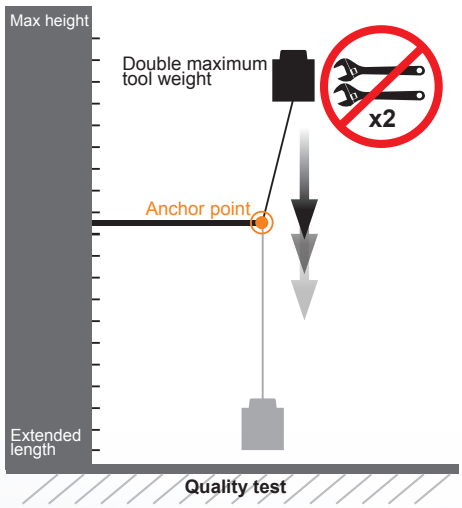
79A22-30

- Retractable tool lanyard
- 3 kgs maximum tool weight
- Nylon tether with steel spring inside to absorb the shock of a dropped tool
- Increases safety and productivity
- Ergonomically designed length

79A21-30

79A22-30

KT NO.	Capacity mm	Hook	g	
79A21-30	800~1300	2 lock snaps	106	12 / 144
79A22-30	800~1300	fixed loop	89	12 / 144



- The retractable tool lanyards are developed according to KING TONY standard. The steel lanyards are tested by double maximum weight and dropped from height. Product quality is approved.

Round Magnetic Tool Holder

9TE11

- Stainless steel tray resists corrosion
- Can be used horizontally, vertically, and upside down
- Convenient for collecting small parts and tools

KT NO.	Size mm		
9TE11	Ø 150	433.0	1 / 30

PU Working Gloves

CAUTION WARNING: KEEP AWAY FROM FIRE

9TH31-XL

9TH31-2L

- Strap design for easy adjustments
- Comfortable and breathable fabric material

KT NO.	Size	Width mm	Overall Length mm		
9TH31-XL	XL	107	235	70	100
9TH31-2L	2L	112	240	70	100

Anti-vibration Protective Gloves

9TH21XL

- Protection from repetitive impact and vibration of pneumatic tools
- Magnet in back of glove for storing metal parts and fasteners

110 100

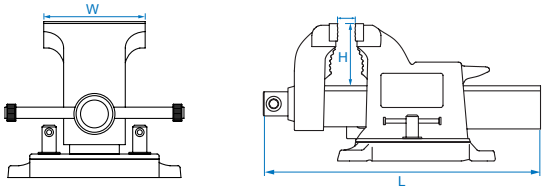
KT NO.	Size	Width mm	Overall Length mm		
9TH21XL	XL	112	235	110	100

CAUTION Please wear proper safety gear while working.

360° Cast Steel Bench Vise & Display Rack

9TZ11

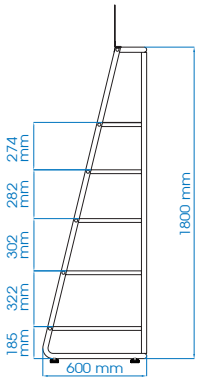
- Cast steel body and slide ideal for heavy duty applications
- Ductile cast iron screw pitched acme thread ensures long life and positives action
- Serrated jaws design provides good grip
- 360° swivel base allows operator to approach any direction



KT NO.	W mm	W inch	W mm	H mm	L mm		
9TZ11-04	146	4"	104	57	310	7.50	1 / 1
9TZ11-05	166	5"	130	67	365	11.0	1 / 1
9TZ11-06	200	6"	155	76	422	14.5	1 / 1
9TZ11-08	225	8"	200	89	492	18.0	1 / 1
9TZ11-10	250	10"	250	102	572	25.6	1 / 1

87160

- Overall Size - W 400 x D 600 x H 2070 mm



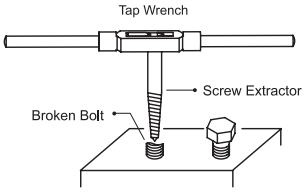
Screw Extractor Set

11205SQ

- A quick and easy way to remove broken screw, pipe, bolt and stud

100 g | 25 / 100

5 PC.



KT NO.	Capacity mm	Capacity inch	L mm
2127-06M	M3~M6	1/8~1/4	51.5
2127-08M	M6~M8	1/4~5/16	58.0
2127-11M	M8~M11	5/16~7/16	66.0
2127-14M	M11~M14	7/16~9/16	73.5
2127-18M	M14~M18	9/16~3/4	81.0

11208SQ

- Quick and easy to remove broken screw, pipe, bolt and stud

829 g | 6 / 24

8 PC.

KT NO.	Capacity mm	Capacity inch	L mm
2127A-06M	M3~M6	1/8~1/4	51.5
2127A-08M	M6~M8	1/4~5/16	58.0
2127A-11M	M8~M11	5/16~7/16	66.0
2127A-14M	M11~M14	7/16~9/16	73.5
2127A-18M	M14~M18	9/16~3/4	81.0
2127A-24M	M18~M24	3/4~1	91.0
2127A-33M	M24~M33	1~1-3/8	106.0
2127A-50M	M33~M50	1-3/8~2	112.0

Screw Extractor & Drill Set

11225SQ

- Easy to remove 5~14 mm broken screws
- 15 PC. HSS drill bit & center guide
- 10 PC. extractor pin & nut

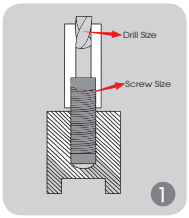
0.79 kg | 1 / 20

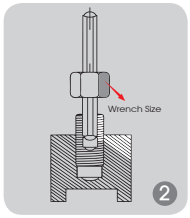
25 PC.

Blow case size (mm) :
260 x 175 x 60 (0.096CUFT)

- Use the guide to drill a pilot hole in the center of broken screw

- Put on extractor nut turning out broken screw with wrench





Nut Splitter Set

9TD062

- For removing stubborn nuts or over tightened bolts without damaging the bolt thread
- Suitable for nuts to a tensile class 6
- Do not overtighten to prevent damage to the threads under the nut

0.61 kg | 12 / 36

2 PC.

KT NO.	Capacity inch	Capacity mm	Hex (mm)
9TD602	1/2"~5/8"	12~16	14
9TD603	5/8"~7/8"	16~22	19

9TD064

Blow case size (mm) :
260 x 175 x 60 (0.096CUFT)

1.89 kg | 1 / 12

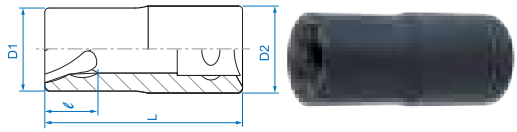
4 PC.

KT NO.	Capacity inch	Capacity mm	Hex (mm)
9TD601	5/16"~1/2"	9~12	12
9TD602	1/2"~5/8"	12~16	14
9TD603	5/8"~7/8"	16~22	19
9TD604	7/8"~1-1/8"	22~27	21

1/2" DR. Damaged Nuts Remover Socket & Set

9TD403 1/2"

- Made of top quality SNCM alloy steel, provide good wear resistance and durability
- Ideal for the removal of rounded, damaged or corroded nuts, bolts, oil drain plugs, marine nuts and bolts, exhaust manifold nuts, pipe nozzele, and studs
- No need for pounding, chisels or torches



KT NO.	D1 mm	D2 mm	ℓ mm	L mm	g	
9TD403-10M	16.0	22	8	50	70	10 / 180
9TD403-12M	18.0	22	11	50	77	10 / 180
9TD403-13M	20.0	22	11	50	84	10 / 180
9TD403-14M	21.0	22	11	50	85	10 / 180
9TD403-17M	24.5	25	15	50	117	10 / 180
9TD403-19M	27.0	27	15	50	135	8 / 80
9TD403-21M	29.4	27	16	50	138	8 / 80
9TD403-22M	30.5	27	17	50	140	8 / 80
9TD403-23M	31.8	27	17	50	136	8 / 80
new 9TD403-24M	33.0	27	17	50	140	8 / 80
9TD403-27M	36.0	27	18	50	146	8 / 128

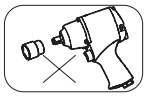
9TD 1/2"

9TD034MR — 4 PC.

9TD035MR — 5 PC.

9TD036MR — 6 PC.

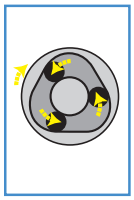
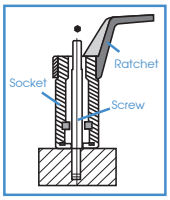
KT NO.	Contents				
9TD034MR	9TD403	21, 22, 23 27	8740705	0.58	4/36
9TD035MR		12, 13, 14, 17, 19		0.52	
9TD036MR		10, 12, 13 14, 17, 19	8740706	0.60	

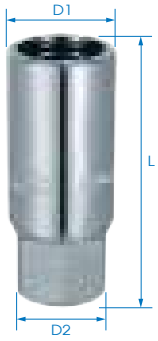

CAUTION Can't be used with pneumatic wrench

Roller Stud Extractor Socket & Set

9TD401 1/2"

- For tightening or loosening studs



KT NO.	mm	D1 mm	D2 mm	L mm	g	
9TD401-06M	6	24.5	21	60	150.0	10 / 180
9TD401-08M	8	24.5	21	60	150.0	10 / 180
9TD401-10M	10	27.5	21	69.5	190.0	12 / 120
9TD401-12M	12	27.5	21	69.5	190.0	12 / 120

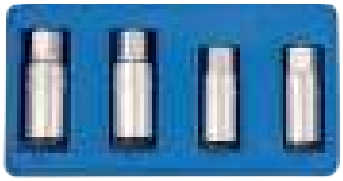
9TD014MR 1/2"

- 4 stud drivers for sizes M6, M8, M10 and M12

1.10 / 1 / 25

4 PC.

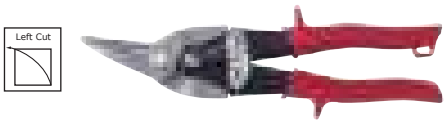
Blow case size (mm) :
210 x 111 x 49 (0.04CUFT)



Aviation Tin Snips

74010~74060

- Special drop forged CRMO with induction hardened edges 62HRC
- Blades with serrated edges fast cuts in sheet metal, aluminum, and much more
- Cut 1.2mm cold-rolled steel (18GA) low carbon steel
- Non-slip color code grips for superior control
- 74040 Notching bulldog style with higher cutting ability
- 74060 Extra-long compound action style compare to tin snips
  - Special laborsaving design
  - High tensile strength
  - High torsional strength spring
  - Solid and comfortable handle with non-slip design
  - Hang-up hole for convenient storage
  - Safety auto latch (D.PAT.)



74010

74020

74030

74040

74060

KT NO.	Overall length mm	Cutting length mm	Color of handle	Cutting capacities (mm) Copper (soft)	Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)	Stainless steel304	g	
74010	248	35	Red	1.50	1.20	0.80	0.70	375	6 / 48
74020	248	35	Green	1.50	1.20	0.80	0.70	375	6 / 48
74030	250	38	Yellow	1.50	1.20	0.80	0.70	380	6 / 48
74040	230	25	Yellow	2.00	1.60	1.20	1.20	370	6 / 36
74060	290	75	Orange	1.10	0.94	0.70	0.53	450	6 / 36

Figure Tin Snips

74250~74270

- Special drop forged CRMO with induction hardened edges 63HRC
- Blades with serrated edges fast cuts in sheet metal, aluminum, and much more
- Cut 1.5mm cold-rolled steel (16GA) low carbon steel
- Non-slip color code grips for superior control
  - Special laborsaving design
  - High tensile strength provided
  - High torsional strength spring designed
  - Solid and comfortable handle with non-slip design
  - Hang-up hole for convenient storage
  - Safety auto latch (D.PAT.)

74250

74260

74270

KT NO.	Overall length mm	Cutting length mm	Color of handle	Cutting capacities (mm) Copper (soft)	Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)	Stainless steel304	g	
74250	260	35	Red	1.80	1.50	1.00	0.90	480	6 / 36
74260	260	35	Blue	1.80	1.50	1.00	0.90	480	6 / 36
74270	260	35	Yellow	1.80	1.50	1.00	0.90	480	6 / 36

Straight Pattern Snips

74410~74416

- Drop forged of finest quality steel induction hardened edges 60HRC
- Cuts straight flat face guides tool along straight line
- Blades individually hand edged for maximum cutting efficiency
- Cushion handle for comfort and better grip

74410 ~ 74416

KT NO.	Overall length mm	Cutting length mm	Cutting capacities (mm) Copper (soft)	Cold-rolled Steel (soft)	Hard steel HRC 30 (Hard)	Stainless steel304	g	
74410	254	51	0.94	0.78	0.60	0.45	480	6 / 36
74412	305	70	1.15	0.91	0.70	0.63	650	6 / 24
74414	356	76	1.41	1.20	1.00	0.70	780	6 / 24
74416	415	63	2.00	1.60	1.20	1.00	1700	3 / 12

Curved Tin Snips

74512

74514

- Drop forged of finest quality steel induction hardened edges 60HRC
- Double curved, hollow ground blades reduce friction for easier cutting
- British Gilbow type
- Cushion handle for comfort and better grip

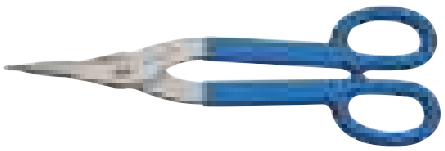
74512 / 74514

KT NO.	Overall length mm	Cutting length mm	Cutting capacities (mm) Copper (soft)	Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)	Stainless steel304	g	
74512	305	60	1.15	0.91	0.70	0.63	670	6 / 24
74514	356	65	1.40	1.20	100	0.70	920	6 / 24

Duckbill Pattern Snips

74613

- Drop forged of finest quality steel induction hardened edges 60HRC
- Cuts moderately tight curves left, right or straight in light stock
- Blades individually hand edged for maximum cutting efficiency
- Cushion handle for comfort and better grip



KT NO.	Overall length mm	Cutting length mm	Cutting capacities (mm) Copper (soft)	Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)	Stainless steel304	g	
74613	330	72	1.20	0.84	0.61	0.61	720	6 / 24

Saw

7911-12

- Sliding metal bow
- Lightweight, resistant to oxidization and oil
- Two blade positions 45° and 90° including flush cut
- Ergonomic handle with hand stop

KT NO.	Adjustable blade length (mm)	Overall length mm	g	
7911-12	305	400	628	6 / 36

Saw

7921-12

- Sliding metal bow
- Handle material : ABS+TPR
- Lightweight & anti-slippery
- Four blade positions 45°, 90°, 135°, 180° including flush cut
- Spare blades can be stored

KT NO.	Adjustable blade length (mm)	Overall length mm	g	
7921-12	300	510	555	12 / 24

File

7510G

- Flat file

KT NO.	Size mm		L mm		mm	g	
75101-08G	8	Bastard cut	200	4.8	20.0	190	2 / 40
75101-10G	10		250	5.7	23.6	292	2 / 40
75102-08G	8	Second cut	200	4.8	20.0	190	2 / 40
75102-10G	10		250	5.7	23.6	288	2 / 40

7520G

- Half round file

KT NO.	Size mm		L mm		mm	g	
75201-08G	8	Bastard cut	200	6.7	19.9	190	2 / 40
75201-10G	10		250	7.0	23.5	292	2 / 40
75202-08G	8	Second cut	200	6.7	19.9	190	2 / 40
75202-10G	10		250	7.0	23.5	288	2 / 40

7530G

- Round file

KT NO.	Size mm		L mm	mm	g	
75302-08G	8	Second cut	200	7.2	122	2 / 40
75302-10G	10		250	9.2	185	2 / 40

7540G

- Triangle file

KT NO.	Size mm		L mm	mm	g	
75402-08G	8	Second cut	200	13.0	183	2 / 40
75402-10G	10		250	14.9	254	2 / 40

7550G

- Square file

KT NO.	Size mm		L mm	mm	g	
75501-08G	8	Bastard cut	200	7.5	130	2 / 40
75501-10G	10		250	9.5	210	2 / 40
75502-08G	8	Second cut	200	7.5	132	2 / 40
75502-10G	10		250	9.5	218	2 / 40

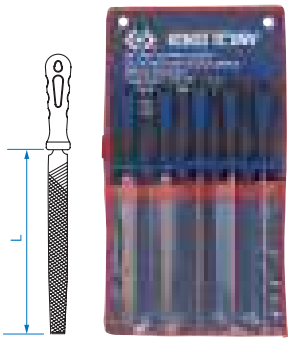
File Set

- Pouch material : Nylon

1005GQ

1015GQ

- Available with T2 cut for precision work



1005GQ / 1015GQ

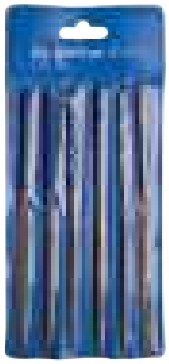
KT NO.	Contents		L inch	kg	
1005GQ (for 8")	75102-08G	75402-08G	8"	0.9	1 / 20
	75202-08G	75502-08G			
	75302-08G				
1015GQ (for 10")	75102-10G	75402-10G	10"	1.4	1 / 8
	75202-10G	75502-10G			
	75302-10G				

Needle Files Set

- Pouch material : Nylon

1036ZQ

- Available with GCR15 cut for precision work



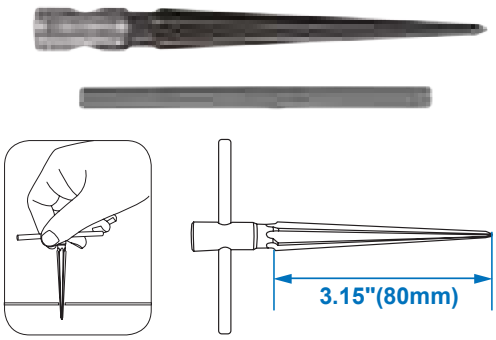
Contents			L mm		
75135-06	75435-06				
75235-06	75535-06		160	95	10 / 120
75335-06	75035-06				

Tapered Reamer

7E61001 new

- For deburring and sizing the diameter of holes 1/8" to 3/8"
- Suitable for metal, wood or plastic

70 g | 24 / 96



Adjustable Tap Wrench

39110312M new

KT NO.	Size inch	Size mm	L mm		
39110312M	1/16-1/2	3-12	196	128	1 / 100

Professional Threaded Coil-Insert Repair Set

11311MQ

119 PC.

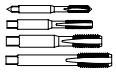
- Thread tap for most common metric size : M5, M6, M8 and M10
- Used for repairing and restoring damaged threads
- Suitable for machine, engine and other automotive repair applications

Metal case size (mm) : 350 x 216 x 40

Contents — 2.78 kg | 1 / 5

Screw-Coil:

M5x0.8x1.5D(L:7.5mm)	25 PC.
M6x1.0x1.5D(L:9mm)	25 PC.
M8x1.25x1.5D(L:12mm)	25 PC.
M10x1.5x1.5D(L:15mm)	25 PC.



Tap:

M5x0.8	1 PC.
M6x1.0	1 PC.
M8x1.25	1 PC.
M10x1.5	1 PC.

Tang Puncher:

M5x0.8	1 PC.
M6x1.0	1 PC.
M8x1.25	1 PC.
M10x1.5	1 PC.

Drill:

5.2mm	1 PC.
6.3mm	1 PC.
8.3mm	1 PC.
10.4mm	1 PC.

Main Tool:

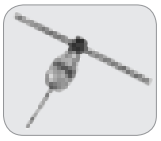
M5x0.8	1 PC.
M6x1.0	1 PC.
M8x1.25	1 PC.
M10x1.5	1 PC.

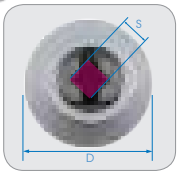
3571-08	3/8"drive sliding T-handle
3760-05G	3/8"drive mini reversible ratchet
39123012M	3/8" tap holder

Tap Holder

3912M

- Used with reversible ratchet and T-handle
- Chuck mechanism hold compatible tap drills
- Used for metal working screw thread





KT NO.	Drive	D mm	S(mm) min.	S(mm) max.		
39123010M	3/8	34.5	2.0	6.0	221	4 / 80
39123012M	3/8	34.5	4.0	9.0	221	4 / 64
39124012M	1/2	38.5	6.0	12.0	259	4 / 64

Tap & Die Set

12916MQ1

- Material: SK5 alloy steel
- 1 PC.Tap wrench(M3-M12, 1/8"~1/2")
- 1 PC. Die stock 25mm(1")
- Tap: M3~M12
- Die: M3~M12

16 PC.

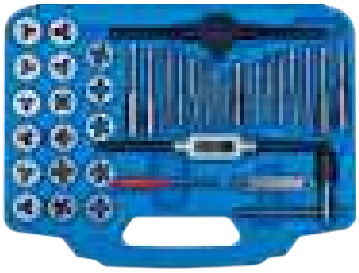
Contents		0.78	1 / 20
12939MQ-A	M3x0.5, M4x0.7, M5x0.8, M6x1.0, M8x1.25, M10x1.5, M12x1.75	12939MQ-A01	25mm (1")
12939MQ-A		12939MQ-A02	M3~M12 (1/8"~1/2")

12939MQ1

- Material: SK5 alloy steel
- 1 PC. Tap wrench(M3-M12, 1/8"~1/2")
- 1 PC. "T" Type tap wrench(M3-M6, 1/8"~1/4")
- 1 PC. Die stock 25mm(1")
- 1 PC. Screw driver
- 12939MQ1-
  1 PC. Screw pitch gauge (0.5-28)
  Tap: M3~M12 / Die: M3~M12
- 12939SQ1-
  1 PC. Screw pitch gauge(12-40)
  Tap: 1/8"~1/2" / Die: 1/8"~1/2"

12939SQ1

39 PC.



KT NO.	Contents		1.4	1 / 10
12939MQ1	12939MQ-A	**12939MQ-A06** / M3x0.5, **12939MQ-A07** / M3x0.6, **12939MQ-A08** / M4x0.7, **12939MQ-A09** / M4x0.75, **12939MQ-A10** / M5x0.8, **12939MQ-A11** / M5x0.9, **12939MQ-A12** / M6x0.75, **12939MQ-A13** / M6x1.0, **12939MQ-A14** / M7x0.75, **12939MQ-A15** / M7x1.0, **12939MQ-A16** / M8x1.0, **12939MQ-A17** / M8x1.25, **12939MQ-A18** / M10x1.25, **12939MQ-A19** / M10x1.5, **12939MQ-A20** / M12x1.5, **12939MQ-A21** / M12x1.75, **12939MQ-A22** / 1/8NPT27	12939MQ-A01	25mm (1")
	12939MQ-A	**12939MQ-A23** / M3x0.5, **12939MQ-A24** / M3x0.6, **12939MQ-A25** / M4x0.7, **12939MQ-A26** / M4x0.75, **12939MQ-A27** / M5x0.8, **12939MQ-A28** / M5x0.9, **12939MQ-A29** / M6x0.75, **12939MQ-A30** / M6x1.0, **12939MQ-A31** / M7x0.75, **12939MQ-A32** / M7x1.0, **12939MQ-A33** / M8x1.0, **12939MQ-A34** / M8x1.25, **12939MQ-A35** / M10x1.25, **12939MQ-A36** / M10x1.5, **12939MQ-A37** / M12x1.5, **12939MQ-A38** / M12x1.75, **12939MQ-A39** / 1/8NPT27	12939MQ-A02	M3~M12 (1/8"~1/2")
	12939MQ-A03	0.5, 0.6, 0.7, 0.75, 0.8, 0.9, 1.0, 1.25, 1.5, 1.75, 27, 28	12939MQ-A04	M3~M6 (1/8"~1/4")
12939SQ1	12939SQ-A	4NS36, 6NC32, 8NC32, 10NC24, 10NF32, 12NC24, 1/4NC20, 1/4NF28, 5/16NC18, 5/16NF24, 3/8NC16, 3/8NF24, 7/16NC14, 7/16NF20, 1/2NC13, 1/2NF20, 1/8NPT27	12939MQ-A05	
	12939SQ-A			
	12939SQ-A03	12, 13, 14, 16, 18, 20, 24, 27, 28, 32, 36, 40		

Notes

Lighting

- Working Lamp
- Inspection Lamp
- Flexible Lamp
- Adjustable Lamp
- Floodlight
- Headlight
- Pocket Torch
- Pen Light

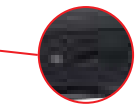
KING TONY 9TA51
9TA51
KING TONY 9TA28
9TA28

3W COB + 5 LED Lamp

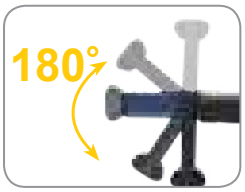
9TA27

- 3W COB + 5 LEDs (top)
- Brightness : 300 Lumen (lm), white light color, kelvin : 7200K
- Materials : ABS+PS
- 180° magnetic swivel base + 360° functional hook
- Rechargeable battery : 3.7V - 2600mAh Li-ion
- Accessory : USB charging cable
- 4 hours continuous light, charge times : 4.5 hours

Battery status indicator light



USB charger port



180° swivel base

Top light with 5 LED

Contents

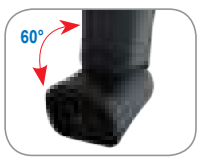
3W COB + 5 LED rechargeable work lamp	x 1 PC.
AC charger	x 1 PC.
USB CABLE	x 1 PC.

KT NO.	Applicable area	L mm	g	
9TA27A	Europe	220	236	1 / 24
9TA27B	America & Asia	220	236	1 / 24
9TA27D	Australia & New Zealand	220	236	1 / 24

3 + 1 LED Work Lamp with Magnetic Swivel Base

9TA24

- High power LEDs: 9 W (main) + 3 W (top)
- Brightness: 282 Lumen(lm)
- 60° magnetic swivel base + 360° functional hook
- IP65 shockproof housing + waterproof coating
- Rechargeable battery: 3.6V – 2250mAh Li-ion
- AC 100~240V 50/60Hz EU battery charger



60° Magnetic swivel base

Main light with unbreakable lens + 3 powerful LEDs

Top light with 1 powerful LED

Battery status indicator light

Contents

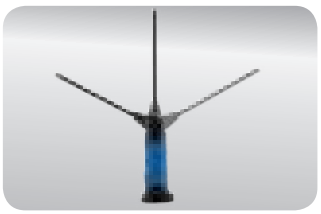
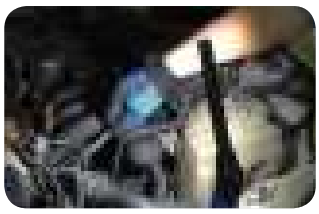
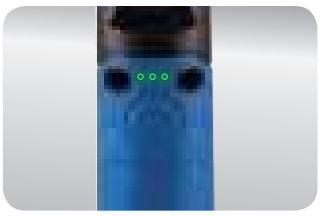
3+1 LED rechargeable work lamp	x 1 PC.
AC charger	x 1 PC.
USB CABLE	x 1 PC.

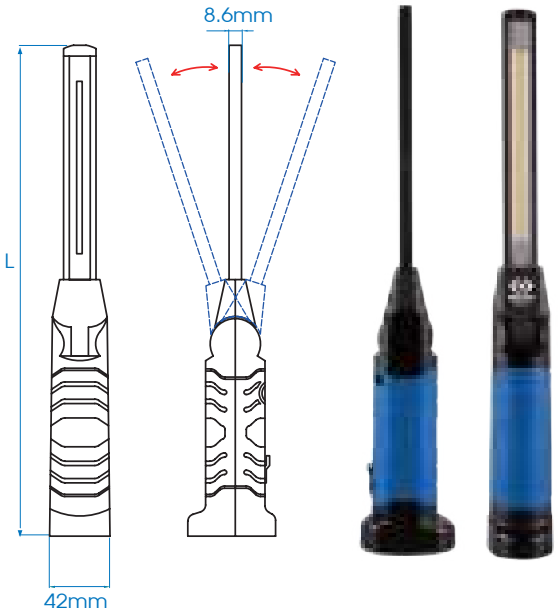
KT NO.	Applicable area	L mm	g	
9TA24A	Europe	265	670	1 / 20
9TA24B	America & Asia	265	670	1 / 20
9TA24D	Australia & New Zealand	265	670	1 / 20

6W COB +1W SMD Slim Inspection Lamp

9TA261 new

- Brightness - Worklight : 600/250 Lumen (lm), Top light: 120 lumen (lm), white light color, kelvin : 6500K
- Materials: ABS plastic + rubber housing + PC lens + aluminium slim housing
- 120°Angle rotation & magnetic base
- Rechargeable battery : 3.7V - 2600mAh Li-ion
- Switch modes: Top light – Worklight low-Worklight high-Off
- Accessory : USB cable and charger
- 3 hours continuous for high worklight and 6 hours for low worklight
- Charge times : 4 hours



KT NO.	Applicable area	L mm		
9TA261A	Europe	340	300	1 / 12
9TA261B	America & Asia	340	300	1 / 12
9TA261D	Australia & New Zealand	340	300	1 / 12

Contents

COB LED LAMP	x 1 PC.
USB CHARGER	x 1 PC.
USB CABLE	x 1 PC.

Flexible LED Lamp

9TA25

- 5W High lightness LED lamp
- Brightness : 390 Lumen(lm)
- Rechargeable battery : 3.6V-2250mAh-Li-ion
- Power adaptor AC 100-240V
- USB changer 5V, 1000mA
- Battery power status indicator
- 360 degrees of rotation
- Built-in magnet
- Waterproof grade: IP54

Contents

LED LAMP	x 1 PC.
USB CHARGER	x 1 PC.
USB CABLE	x 1 PC.

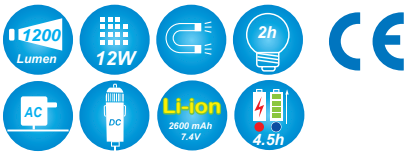
KT NO.	Applicable area	L inch	L mm		
9TA25A	Europe	12	300	300	1 / 20
9TA25B	America & Asia	12	300	300	1 / 20
9TA25D	Australia & New Zealand	12	300	300	1 / 20

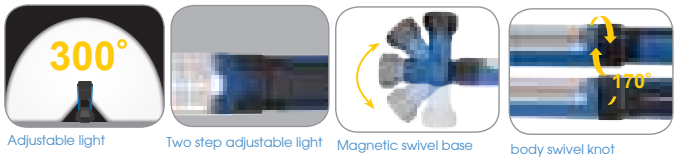
Adjustable focus

12W SMD LED Adjustable Lamp

9TA31

- 60 PC. SMD LEDs
- Brightness : 1200 Lumen (lm), white light color, kelvin : 7000~7800K
- Materials : ABS+PC
- Two step adjustable light
- Hidden hook and magnetic adsorption
- Rechargeable battery : 7.4V - 5200mAh Li-ion
- Accessory: AC 100~240V, 50/60Hz EU battery charger, DC 12V cigarette plug charger
- 2 hours continuous light, charge times : 4.5 hours





Adjustable light | Two step adjustable light | Magnetic swivel base | body swivel knot

Contents

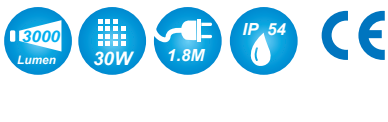
12W SMD LED rechargeable work lamp	x 1 PC.
AC charger	x 1 PC.
DC Car charger	x 1 PC.

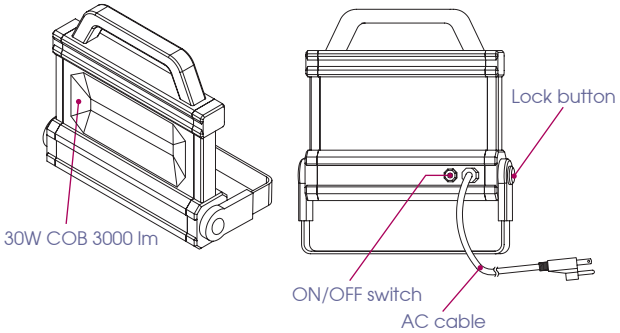
KT NO.	Applicable area	L mm	g	
9TA31A	Europe	760	790	1 / 8
9TA31B	America & Asia	760	790	1 / 8
9TA31D	Australia & New Zealand	760	790	1 / 8

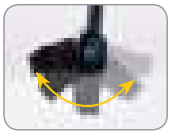
30W Wired COB LED Floodlight

9TA42

- 30W COB LED floodlight with portable handle
- Brightness: 3000 Lumen (lm), white light color, kelvin: 6000~7000K
- IP54 aluminum housing + waterproof coating
- Slim profile with lockable adjustment and 180° swivel base
- Option to wall mount or tripod stand at work sites
- Accessory: AC adapter 100~240V, 50/60Hz cable 1.8M





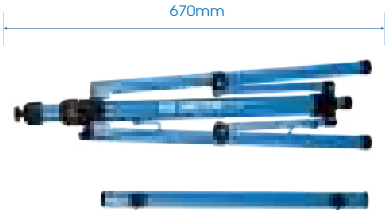

Swivel base

KT NO.	Applicable area	L x H x W mm	g	
9TA42A	Europe	238 x 270 x 46	1239	1 / 6
9TA42B	America & Asia	238 x 270 x 46	1239	1 / 6
9TA42D	Australia & New Zealand	238 x 270 x 46	1239	1 / 6

Adjustable Tripod For Floodlight

87162 new

- Can hold one light or 2 lights (with T-Bar)
- Durable heavy duty steel tripod body
- Three section tube diameter : 25mm /32mm / 38mm
- Adjustable tripod height from 700mm to 1500mm.
- Portable, easy to fold and great for transportation

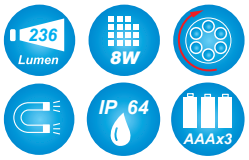


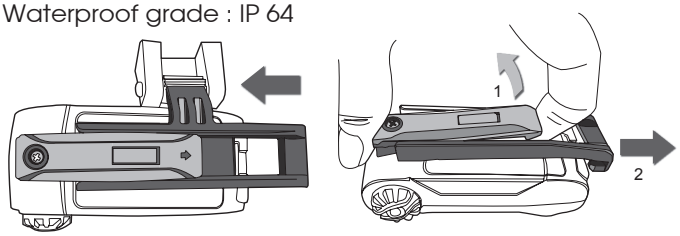
KT NO.	Tube Diameter (mm)	Loading Weight (kg)	Folded Length (mm)	Max height (mm)	g	
87162	38	3.0	700	1500	650	1 / 6

Multi-Functional Adjustable COB Headlight

9TA51 new

- 5W Multi-Functional Adjustable COB Headlight
- Brightness : 236 Lumen (Lm)
- Magnetic swivel clip
- Operates using 3 x AAA batteries (not included)
- Waterproof grade : IP 64





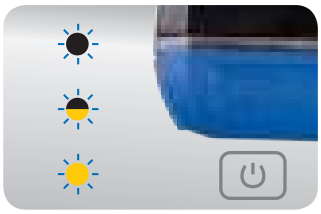
KT NO.	L mm	g	
9TA51	88	300	50

3W COB LED Inductive Headlight

9TA52 new

- Brightness : 100 / 280 Lumen (lm), white light color, kelvin : 6500K
- 2 hours continuous for high worklight / 5.5 hours for low worklight
- Materials:
  High impact ABS + TPE housing + PC lens & non-skid grip belt
- Feature : 10cm Smart motion sensor
- Rechargeable battery : 3.7V - 1500mAh Li-po
- LED battery charging indicator
- Charge times : 2.5 hours
- Accessory : Charging cable + AC 100-240V charger

RoHS

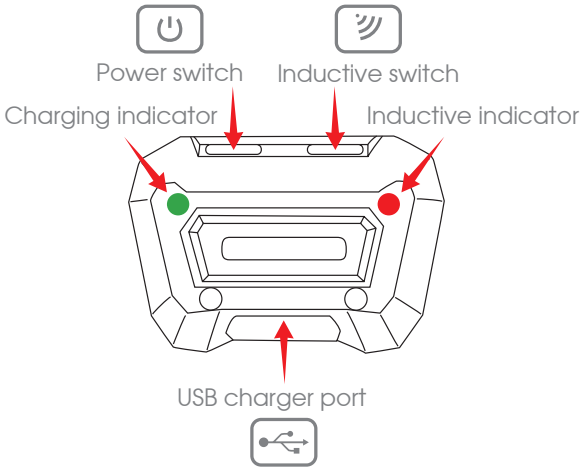


Two step adjustable light

60°Adjustable lighting

Inductive indicator ON

Inductive light switch



Contents

COB LED LAMP		x 1 PC.
Headband	KING TONY	x 1 PC.
USB CHARGER		x 1 PC.
USB CABLE		x 1 PC.

KT NO.		Applicable area	L mm	g	
9TA52A		Europe	65	110	1 / 40
9TA52B		America & Asia	65	110	1 / 40
9TA52D		Australia & New Zealand	65	110	1 / 40

LED Pocket Torch

79814

- 1W High performance LED pocket torch
- Brightness: 30 Lumen(lm)
- Aluminum alloy body with keychain
- Operates using 1 x AA battery (not included)
- 6 hours (normal) lighting

KT NO.	L x Ø mm	g	
79814	98 x 21	31	10 / 120

79815

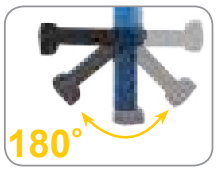
- 3W High performance LED adjustable focus pocket torch
- Brightness: 120 Lumen(lm)
- Strobe warning lights for maximize visibility
- Aluminum alloy body, safety lanyard included
- Operates using 3 x AAA batteries (not included)
- 6.5 hours (normal) lighting

KT NO.	L x Ø mm	g	
79815	128 x 28	95	1 / 100

1.5W COB +1 LED Lamp & Set

9TA28

- 1.5W COB + 1W LED
- 180° magnetic swivel base + 270° magnetic swivel clip
- Rechargeable battery : 3.7V - 800mAh Li-ion
- Accessory: USB charging cable
- Overcharge/Discharge protection
- Materials: ABS+PC
- 2 hours continuous light, charge time: 2 hours
- Brightness: 145 Lumen (lm), white light color, kelvin: 7200K



180° swivel clip

magnetic base

USB charger port

Top light with 1 LED

Magnetic swivel clip

KT NO.	L mm	g	
9TA28	180	160	12 / 48

Contents		
1.5W COB + 1 LED rechargeable work lamp		x 1 PC.
USB CABLE		x 1 PC.

9TA28-S new

Paper display stand size(mm):
435 x 430 x 220 (1.45CUFT)

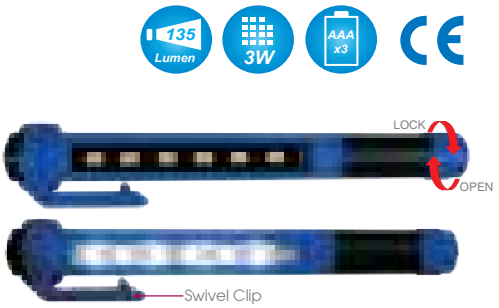
12 PC.

Contents		kg	
	9TA28	1.6	1 / 4

LED Pen Light & Set

79831

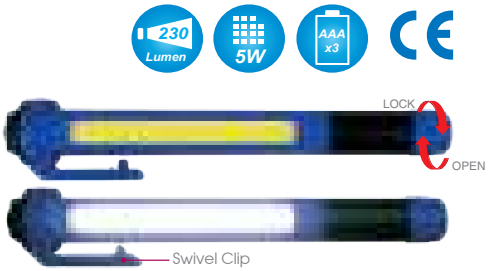
- Pen light with 6 PC. SMD(surface-mount devices) LED
- Brightness:135 Lumen(lm)
- ABS body 360 degree rotation
- PE lampshade: avoid nebulization
- Operates using 3 x AAA batteries (not included)



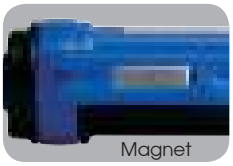
KT NO.	L x W x H mm	g	
79831	165 x 25 x 30	58	10 / 120

79832

- Pen light with 1 PC. 5W COB(chip on board)
- Brightness:230 Lumen(lm)
- ABS body 360 degree rotation
- PE lampshade: avoid nebulization
- Operates using 3 x AAA batteries (not included)
- Waterproof grade: IP 54



KT NO.	L x W x H mm	g	
79832	165 x 25 x 30	58	10 / 120



7983

Paper display stand size(mm):
115 x 175 x 175 (0.124CUFT)

KT NO.	Contents			Kg	
79830DQ	6 PC.		79831	0.58	1 / 12
	6 PC.		79832		
79831-S	12 PC.		79831	0.58	1 / 12
79832-S	12 PC.		79832	0.58	1 / 12

Notes

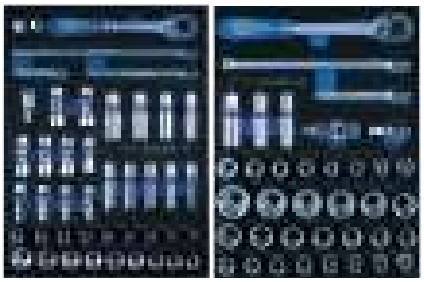
AUTOMOTIVE TOOLS

- Engine Series
- Under Car Series
- Body Series
- Battery & Electrical
- General Tools

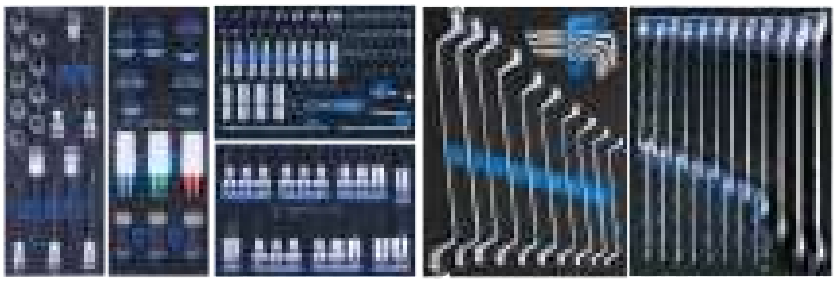
286 PC. Tool Trolley Contents

Contents No. 934-010MRVD — Kg 28.8 CUFT 2.97

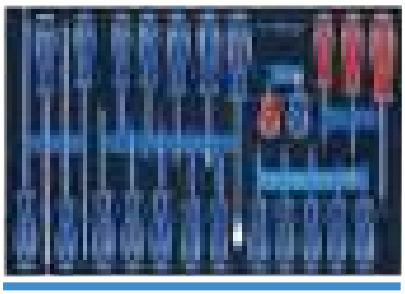
- Special tool set for Automobile, suitable for VOLKSWAGEN-GROUP, MERCEDES-BENZ, OPEL, BMW & Japanese passanger car



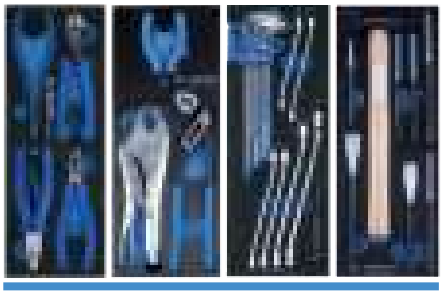
9-3544MRV #9 P.72 | 9-4537MRV #9 P.73



9-4147PRV #10 P.77 | 9-4401MPV #10 P.77 | 9-2565MRV #7 P.71 | 9-4129PRV #7 P.71 | 9-90119MRV #9 P.74 | 9-1220MRV #9 P.74



9-31124MRV #6 P.70



9-40104GPV #10 P.78 | 9-40113GPV #10 P.78 | 9-90135MRV #10 P.78 | 9-90118PRV #10 P.79

286 PC. Tool Trolley Set

7 Kg 92.8 CUFT 15.21	934-010MRV (87434-7B P.37)	934-010MRV-G (87434-7B-G P.37)	934-010MRV-B (87434-7B-B P.37)
7 Kg 98.8 CUFT 15.21	9634-010MRV (87634-7B P.41)	9634-010MRV-G (87634-7B-G P.41)	9634-010MRV-B (87634-7B-B P.41)
7 Kg 103.8 CUFT 15.67	9934F-010MRV (87934-7BF P.43)	9934F-010MRV-G (87934-7BF-G P.43)	9934F-010MRV-B (87934-7BF-B P.43)

ALFA ROMEO
Diesel Engine Setting & Locking Set

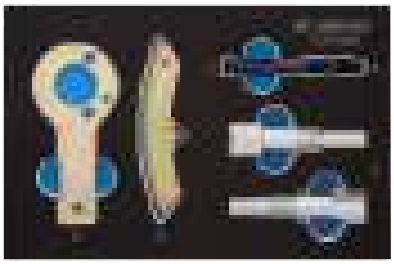
9AT2006E

- The set includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engine timing

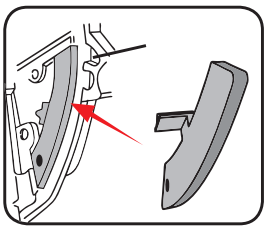
6 PC. | D | BELT

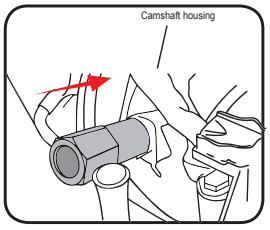
1359.5 g / 1 / 10

MODEL:	145 (98-01), 146 (98-01), 147 (01-09) 156 (97-08), 159 (05-09), 166 (98-08) GT (04-09), Brera (05-09), Spider (06-09) Crosswagon (04-08)
ENGINE CODE:	**1.9JTD 8v.** 323.02, 371.01, 182B9.000, 937A2.000 937A3.000, 939A1.000, 939A2.000, 939A7.000 **1.9JTD 16v.** 192A5.000, 192B1.000, 937A4.000 937A5.000, 939A2.000, 939A8.000 **2.4JTD 10v.** 325.01, 342.02, 362.02, 839A6.000 841C.000 **2.4JTD 20v.** 841G.000, 841H.000, 841M.000 939A3.000, 939A9.000



CONTENTS :
- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)





BMW
Petrol Engine Timing Set

9AT1003E

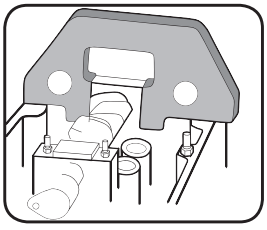
- The set includes camshaft setting plates and a flywheel locking pin
- Suitable for BMW V12 M70 & M73 petrol engine
- Use to lock the camshaft on the correct timing position

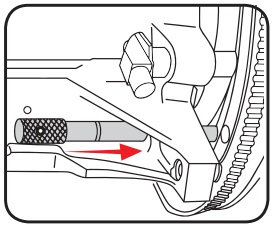
3 PC. | P | CHAIN

2189.5 g / 1 / 5

MODEL:	750i / E32 / E38 (87-02) 850i / E31 (90-99)
ENGINE CODE:	**M70 / M73** 50 12 A, 54 12 1 54 12 2, 56 12 1

CONTENTS :
- A - camshaft setting plate
- B - flywheel locking pin





BMW
Petrol Engine Twin Camshaft Setting & Locking Set

9AT1008E

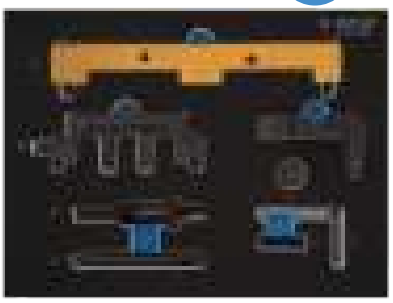
- The set includes timing and VANOS setting / locking tools
- Suitable for BMW petrol 1.8 and 2.0 N42 / N46 (chain) engine
- Use to check / adjust engine timing and remove, install or align VANOS unit

8 PC. | P | CHAIN

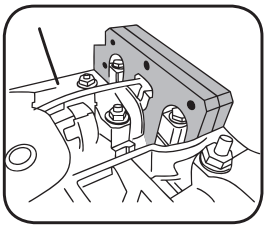
3600.5 | 1 / 3

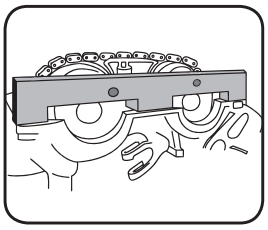
MODEL:
118i. E87 (04-08)
120i. E87 (04-08)
316i. E46 (01-05)
316ti. Compact E46 (01-05)
318i. E46 (01-07)
318ti. Compact E46 (01-05)
318i. E90 (05-08)
X3. 2.0i E83 (05-08)
Z4. 2.0i E85 (04-08)
520i. E60 (04-08)
320i. E90 (05-08)

ENGINE CODE: **N42 / N46**
B18, B18A, B20, B20A, B20B



CONTENTS :
- A - VANOS alignment plate
- B - camshaft setting plate (exhaust)
- C - timing chain tensioner pre-load tool
- D - crankshaft alignment pin
- E - camshaft setting plate (inlet)
- F - camshaft turning tool
- G - flywheel TDC locking pin
- H - camshaft setting plate securing screw





BMW
Petrol Engine Twin Camshaft Setting & Locking Set

9AT1018E

- The set includes camshaft / carrier bracket remover & installer tools
- Suitable for BMW petrol 1.8 and 2.0 N42 / N46 (chain) engine

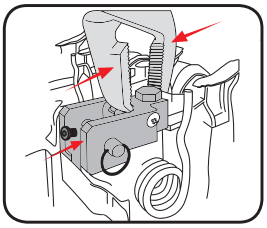
18 PC. | P | CHAIN

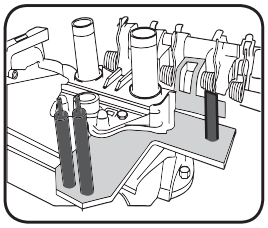
4400.0 | 1 / 3

MODEL:
118i. E87 (04-08)
120i. E87 (04-08)
316i. E46 (01-05)
316ti. Compact E46 (01-05)
318i. E46 (01-07)
318ti. Compact E46 (01-05)
318i. E90 (05-08)
X3. 2.0i E83 (05-08)
Z4. 2.0i E85 (04-08)
520i. E60 (04-08)
320i. E90 (05-08)

ENGINE CODE: **N42 / N46**
B18, B18A, B20, B20A, B20B

CONTENTS :
- A&H&I - camshaft/carrier bracket
- Mounting fixture
- B - inlet camshaft securing tool (rear)
- C&F - torsion spring remover/installer
- D&E - inlet camshaft securing tool (front)
- G - intermediate lever clamp set (8 PC.)





BMW
Petrol Engine Twin VANOS Service Set

9AT1009E

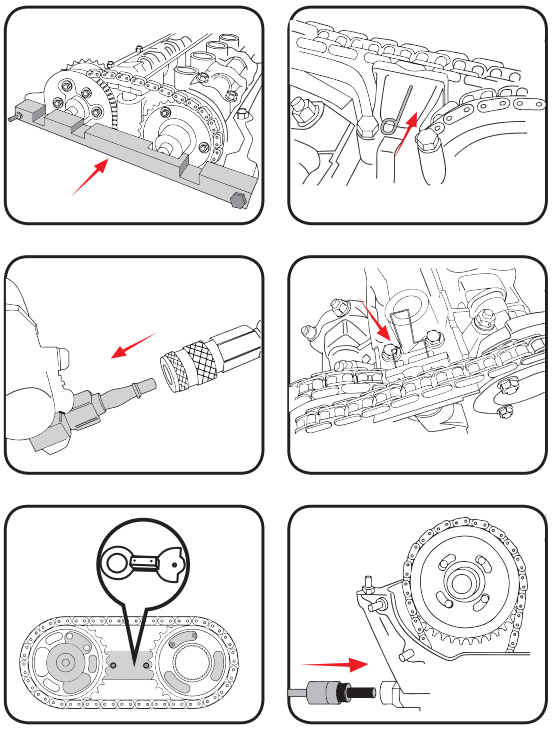
- The set includes compressed air connector, twin VANOS setting tool and sprocket / chain assembly fixture, timing adjustment plate, pre-load tools
- Suitable for setting / locking popular BMW petrol engine
- Use to adjust engine timing and set / lock engine application

5965.7 | 1 / 3

MODEL:	318is. E36 (92-99) 318ti Compact E36 (94-01) 320i. E36 / E46 (92-07) 323i. E36 / E46 (95-01) 325i. E36 / (92-07) 328i. E36 / E46 (95-01) 330i. E46 (00-07) 520i. E39 / E60 (96-05) 523i. E39 (96-00) 525i. E39 / E60 (00-05) 528i. E39 (96-00) 530i. E39 / E60 (00-05) 728i. E38 (94-02) 730i. E65 (02-05) Z3. (E36) 1.9-3.0 (96-03) Z4. (E85) 2.2-3.0 (03-06) X3. (E83) 3.0 (03-06) X5. (E53) 3.0 (99-07)
ENGINE CODE:	**M42 / M44 / M50 / M52** no VANOS (VVT) 18 4S 1, 19 4S 1, 20 6S 2(Early), 25 6S 2(Early) **M50 / M52** Single VANOS (VVT) variants 20 6S 2(Later) 20 6S 3 25 6S 2(Later) **M52(TU) / M54 / M56** Twin VANOS (VVT) variants 20 6S 4 22 6S 1 25 6S 4

9 PC. | CHAIN

CONTENTS :
- A - camshaft setting plate
- B - timing adjustment plate
- C - compressed air connector
- D - sprocket / chain assembly fixture
- E - flywheel locking pin
- F - tensioner pin (M50)
- G - twin VANOS setting tool
- H - tensioner pin (M52)
- I - tensioner tool



BMW
Petrol Engine Twin Camshaft Setting & Locking Set

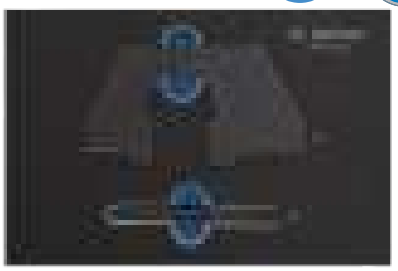
9AT1102E

2 PC. | P | CHAIN

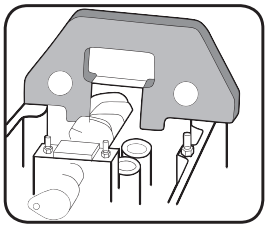
- The set includes camshaft locking plate and flywheel locking pin
- Suitable for M40 engines (also used on the M43 chain driven engine)
- Use to lock the camshaft and crankshaft TDC position to keep their timing relationship while replacing timing belt or carry out other timing belt service

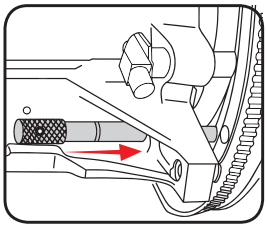
1900.5 / 1 / 10

MODEL:	316i E36 / E46 (93-04) 316i Compact E36 / E46 (98-01) 318i E36 / E46 (93-01) 518i E34 (94-96) Z3 1.8 / 1.9 E36 (96-03)
ENGINE CODE:	**M43** 16 4E 2, 16 4E 3 18 4E 2, 19 4E1



CONTENTS :
- A - camshaft locking plate
- B - flywheel locking pin





BMW
Petrol Engine 1.8 To 3.0 Twin Cams Setting & Locking Set

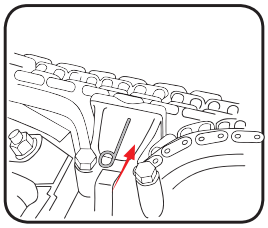
9AT1106E

6 PC. | P | CHAIN

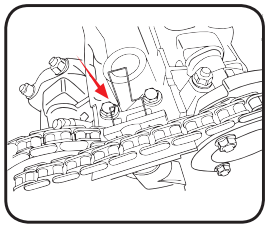
- The set includes camshaft setting plate, timing adjustment plate, pre-load tool, flywheel locking pin and tensioner pin
- Suitable for setting / locking popular BMW petrol engine
- Suggestion:
  Use with 9AT1-A02 wrench while using this kit on SINGLE VANOS system (on inlet camshaft)
  Use with 9AT1303 while using this set on TWIN VANOS system

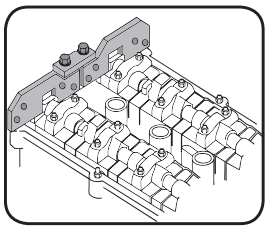
3780.0 / 1 / 5

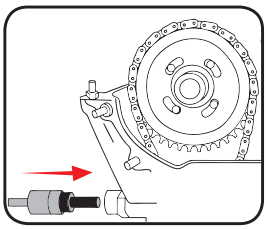
MODEL:	318is. E36 (92-99)	525i. E39 / E60 (00-05)
	318ti Compact. E36 (94-01)	528i. E39 (96-00)
	320i. E36 / E46 (92-07)	530i. E39 / E60 (00-05)
	323i. E36 / E46 (95-01)	728i. E38 (94-02)
	325i. E36 / E46 (92-07)	730i. E65 (02-05)
	328i. E36 / E46 (95-01)	Z3. (E36) 1.9-3.0 (96-03)
	330i. E46 (00-07)	Z4. (E85) 2.2-3.0 (03-06)
	520i. E39 / E60 (96-05)	X3. (E83) 3.0 (03-06)
	523i. E39 (96-00)	X5. (E53) 3.0 (99-07)
ENGINE CODE:	**M42 / M44 / M50 / M52 no VANOS (VVT)** 18 4S 1, 19 4S 1, 20 6S 2(Early), 25 6S 2(Early). **M50 / M52 Single VANOS (VVT) variants** 20 6S 2(Later), 20 6S 3, 25 6S 2(Later), 25 6S 3, 28 6S 1 **M52(TU) / M54 / M56 Twin VANOS (VVT) variants** 20 6S 4, 22 6S 1, 25 6S 4, 25 6S 5, 28 6S 2, 30 6S 3	



CONTENTS :
- A - camshaft setting plate
- B - timing adjustment plate
- C - flywheel locking pin
- D - tensioner pin (M50)
- E - tensioner pin (M52)
- F - tensioner tool







BMW
Petrol Engine Twin VANOS Service Set

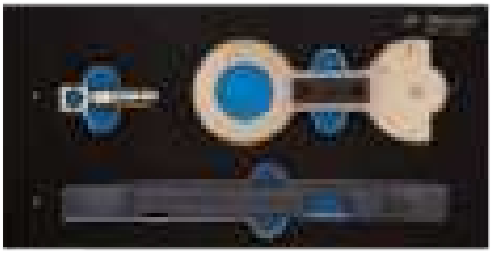
9AT1303E

3 PC. | P | CHAIN

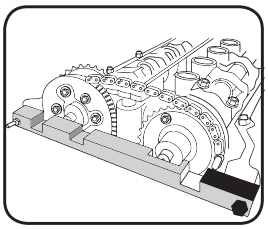
- The set includes compressed air connector, twin VANOS setting tool and sprocket / chain assembly fixture
- Suitable for BMW M52TU, M54 & M56 engines
- Use to adjust engine timing on twin VANOS system (Variable Valve Control) of BMW six cylinder twin camshaft petrol engine
- Suggestion:
  Use with 9AT1106 while using this kit to set / lock application

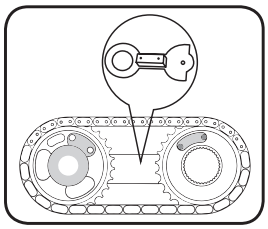
2740.0 | 1 / 5

MODEL:	**3 Series:** E46 / Z3 **5 Series:** E39 / E60 / E61 **7 Series:** E38 / E65 / E66 **X3:** E83 **X5:** E53 **Z4:** E85
ENGINE CODE:	20 6S 4, 22 6S 1, 25 6S 4, 25 6S 5 28 6S 2, 30 6S 3



CONTENTS :
- A - compressed air connector
- B - sprocket / chain assembly fixture
- C - twin VANOS setting tool





BMW
Petrol Engine Timing Alignment Set

9AT1112E

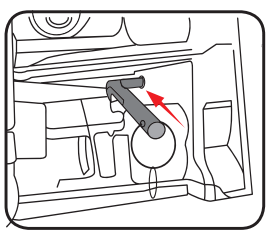
12 PC. | P | CHAIN

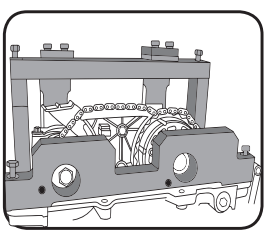
- The set includes camshaft locking tool, VANOS alignment plate, flywheel locking pin
- Suitable for BMW 2.5/3.0 liters chain drive six cylinder, twin cams 16v petrol engines
- Use to lock camshaft in TDC position when setting or adjusting engines timing

5900.0 | 1 / 3

MODEL:	128i. E82 (07-08) 130i. E81/87 (05-08) 135iS. E82 (07-08) 323i. E90/91/92/93 (04-08) 325i/xi. E90/91/92/93 (04-08) 328i/xi. E90/91/92/93 (04-08) 330i/xi. E90/91/92/93 (04-08) 335i/xi. E90/91/92/93 (05-08) 523i/Li. E60/61 (04-08) 525i/Li/xi. E60/61 (04-08) 528i/xi. E60/61 (06-08) 530i/Li/xi. E60/61 (05-08) 535i/xi. E60/61 (06-08) 630i. E63/64 (04-08) 730i/Li. E65/66 (04-08) X3 2.5/3.0 E83 (06-08) X5 3.0 E70 (06-08) Z4 2.5/3.0 E85/86 (05-08)
ENGINE CODE:	N51 / N52 /N52K (Valvetronic) N53 / N54 (Direct Injection)

CONTENTS :
- A - VANOS alignment plate
  (Red for N53/N54, Silver for N51/N52/N52K)
- B - camshaft locking tool
- C - flywheel locking pin





BMW
Diesel Engine 2.0 / 3.0 Timing Set

9AT2007E

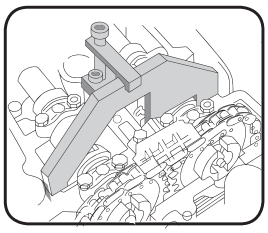
7 PC. | D | CHAIN

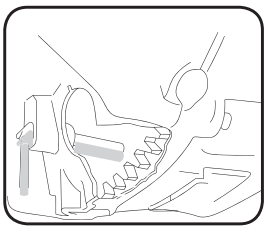
- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

1752.5 g / 1 / 10

MODEL:	118d E87 (03-07), 120d E87 (03-07) 318d / td E46 / E90 / 91(00-08) 320d / td E46 / E90 / 91(97-08) 325d E90 / 91 / 92 / 93 (06-09) 330d / xd / cd E46 / E90 / 91 / 92 / 93 (98-08) 335d E90 / 91 / 92 (06-09) 520d E39 / E60 / 61 (99-09) 525d / xd E39 / E60 / 61 (99-09) 530d / xd E39 / E60 / 61 (98-09) 535d E60 / 61 (04-09), 635d E63 / 64 (04-09) 730d / Ld E38 / E65 / 66 (98-08) X3 2.0d E83 (03-07), X3 3.0d / sd E83 (03-09) X5 3.0d E53 / E70 (00-09)
ENGINE CODE:	**M47 / M57/ M47TU / M57TU / M47T2 / M57T2** 20 4D 1, 20 4D 4, 25 6D 1, 25 6D 2 30 6D 1, 30 6D 2, 30 6D 3, 30 6D 4 30 6D 5

CONTENTS :
- A – camshaft setting plate
- B – camshaft plate locking tool
- C – TDC timing pin
- D – tensioner retaining pin set (pair)
- E – flywheel locking pin





BMW
Petrol Engine Timing Setting & Locking Set

9AT1206E

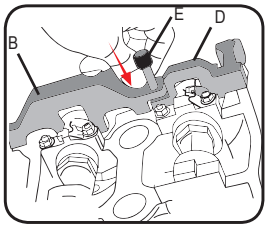
6 PC. | P | CHAIN

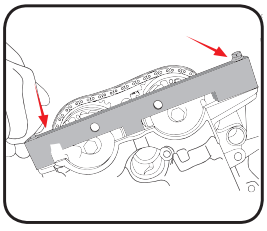
- The set includes VANOS alignment plate, camshaft setting tools, flywheel locking pin and timing chain tensioner pre-load tool
- Suitable for 1.6 BMW, 4 cylinder twin camshaft 16v and chain driven petrol engines with VANOS
- Use to check and adjust engine timing

2657.0 g / 1 / 5

MODEL:	116i. E81 E87 (03-09) 316i. E46 / E90 (01-08) 316Ci. E46 (01-06) 316ti. E46 (01-05)
ENGINE CODE:	**N40 / N45 / N45T** B16, B16A, B16AC

CONTENTS :
- A - VANOS alignment plate
- B - camshaft setting plate (inlet)
- C - timing chain tensioner pre-load tool
- D - camshaft setting plate (exhaust)
- E - camshaft setting plate securing screw
- F - flywheel locking pin





BMW

Diesel Engine 2.5TDS Timing Set

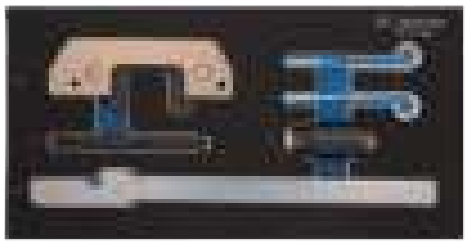
9AT2106E

- The set includes camshaft setting plate, tensioner lever, tensioner retaining pin, flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engine
- Use to retain and support the sprocket and timing chains in correct position when the pump is removed

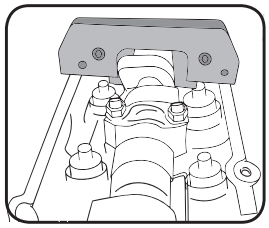
6 PC. | D | CHAIN

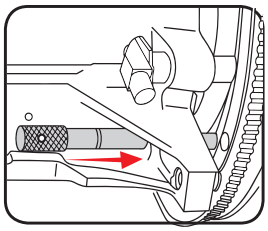
2480.0 | 1 / 5

MODEL:	**1.7 2.5td / tds (Chain)** 318tds. E36(94-00) 325td / tds. E36(91-99) 525td / tds. E34(90-00) 725tds. E38(95-02)
ENGINE CODE:	**1.7 2.5td / tds (Chain)** M41 / M51



CONTENTS :
- A - camshaft setting plate
- B - tensioner lever
- C - flywheel locking pin
- D - tensioner retaining pin
- E - pump remove & sprocket retainer (2 part)





BMW / MINI

Petrol Engine Setting & Locking Set – BMW/PSA

9AT1010E

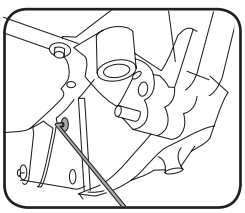
- The set includes camshaft setting tool, crankshaft locking pin & chain tensioner tool
- Suitable for BMW Mini and PSA Peugeot Citroën 1.4/1.6 16v valvetronic direct injection engines
- Use to lock and adjust engine timing

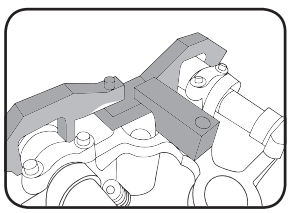
10 PC. | P | CHAIN

BMW Mini Cooper N12/N14 2383.5 | 1 / 5

MODEL:	Clubman(07-14) Countryman(14-16) Paceman(14-16) Roadster(12-12)
ENGINE CODE:	**N12 1.4/1.6(Valvetronic)** B14, B14AB, B16A **N14 1.6(Direct Injection)** B16A, B16CD/TD, B16TD, B16CD

CONTENTS :
- A – camshaft setting tool (inlet)
- B – camshaft setting tool (exhaust)
- C – camshaft setting tool
- D – camshaft setting clamp
- E – crankshaft locking pin
- F – chain tensioner tool
- G – M10 screw*4





BMW / MINI
Petrol Engine Timing Set

9AT1108E

- Use for BMW & Mini 1.6 litre chain drive petrol engine
- Includes the cam & crankshaft locking tools and chain pre-tension setting tools for TDC position
- Suitable for BMW (N13) & Mini (N18) engines

8 PC. | P | CHAIN

2526.5 | 1 / 10

MODEL:	**BMW 1 Series** 114i F20(2012-15), 116i F20 (2012-15), 118i F20 (2011-15) **BMW 3 Series** 316i F30 (2012-15) **MINI** Cooper S (R56/57) (2010-15) Coupe Cooper S (R58) (2012-15) Roadster (R59) (2012-15) Countryman (R60) (2012-16) Paceman (R61) (2013-16) Clubman (R55) (2011-14)
ENGINE CODE:	**N13** B16A **N18** B16/M0, B16A, B16A/M0, B16A/MO, B16C, B16C/TO, B16M0

CONTENTS :
- A – camshaft locking tool
- B – camshaft locking tool
- C – chain tensioner tool
- D – crankshaft locking pin

BMW
Petrol Engine Timing Set

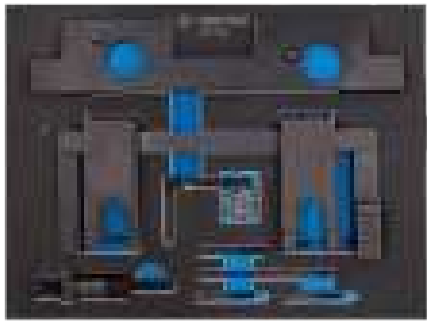
9AT1706E

- Use for BMW 2.0 litre chain drive petrol engine
- Includes the VANOS unit setting tools, camshaft locking tools and chain pre-tension setting tools for TDC position
- Suitable for BMW N20 & N26 engines

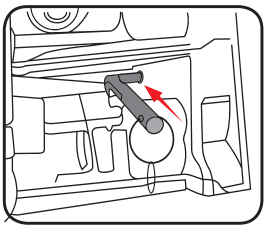
8 PC. | P | CHAIN

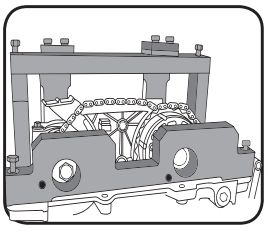
4287.0 | 1 / 3

MODEL:	**BMW 1 Series** 125i F20/21(2012-14) **BMW 3 Series** 320i/xDrive F30/31 (2012-14), 328i F30/31 (2012-14), 328i/xDrive F30/31 (2012-14) **BMW 5 Series** 520i F10/11 (2010-14), 528i F10/11 (2013-14), 528i/xDrive F10/11 (2011-14) **X1** sDrive18i/20i E84 (2011-14), xDrive20i/28i E84 (2011-14) **X3** xDrive20i/28i F25 (2011-14) **Z4** sDrive18i E89 (2013-14), sDrive20i/28i E89 (2011-14)
ENGINE CODE:	N20 B20A, N20 B20B/U0, N20 B20O0, N26 B20



CONTENTS :
- A - VANOS alignments plate
- B - camshaft locking tool
- C - chain tensioner tool
- D - flywheel locking pin





BMW
Diesel Engine Timing Locking Set

9AT2107E new

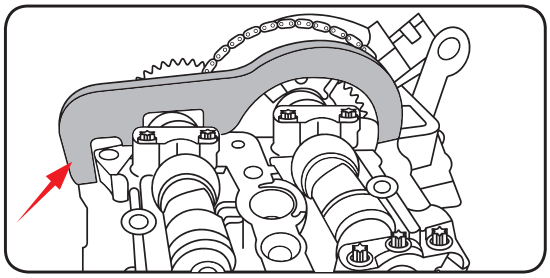
- The set includes camshaft alignment tool, flywheel locking tool, crankshaft pulley turning tool, and also high pressure pump sprocket removal tool
- Suitable for BMW N47 / N47S / N57 2.0 and 3.0 twin camshaft diesel chain drive engine
- Use to set & lock the camshaft and crankshaft when adjusting valve timing on engine correctly

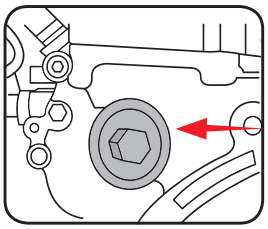
1730.0 1 / 10

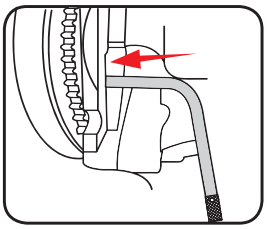
8 PC. | D | CHAIN

MODEL:	**1 Series** 116d/118d/120d/123d E81/82/87/88 (07-12) **3 Series** 316d/318d/320d/325d/330d/330xd E90/91/92/93 (07-12) **5 Series** 520d E60/61 (07-10) 525d/530d/535d F10/11 (10-12) 530d GT/535d GT F07 (09-12) **7 Series** 730d/730Ld/740d/740d xDrive F01/02/04 (08-12) **X Series** X1 sDrive 18d/20d E84 (09-12) X1 xDrive 18d/20d/23d E84 (09-12) X3 20d E83 (07-10) X3 xDrive 1.8d/30d E83 (08-12) X5 30d/xDrive 40d E70 (10-12) X6 xDrive 30d/40d E71/72 (10-12)
ENGINE CODE:	**N47 / N47S** D20A D20B D20T0 D20O0 D20UO **N57** D30U0 D30O0 D30O1 D30T0

CONTENTS :
- A – camshaft Alignment Tool
- B – flywheel Locking Tool
- C – crankshaft Turning Tool
- D/F – high pressure pump sprocket removal tool
- E – tensioner Locking Pin







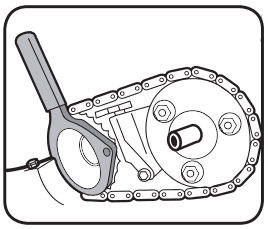
BMW
Petrol Engine VANOS Engagement Wrench

9AT1-A02

- For BMW twin camshaft engines with single VANOS unit mounted on inlet camshaft

297.8 g | 12 / 48

MODEL:	318is. E36 (92-99), 318ti Compact E36 (94-01) 320i. E36 / E46 (92-07), 323i. E36 / E46 (95-01) 325i. E36 / E46 (92-07), 328i. E36 / E46 (95-01) 330i. E46 (00-07), 520i. E39 / E60 (96-05) 523i. E39 (96-00), 525i. E39 / E60 (00-05) 528i. E39 (96-00), 530i. E39 / E60 (00-05) 728i. E38 (94-02), 730i. E65 (02-05) Z3. (E36) 1.9-3.0 (96-03) Z4. (E85) 2.2-3.0 (03-06) X3. (E83) 3.0 (03-06), X5. (E53) 3.0 (99-07)
ENGINE CODE:	**M50 / M52 Single VANOS (VVT) variants** 20 6S 2(Later), 20 6S 3 , 25 6S 2(Later) 25 6S 3, 28 6S 1



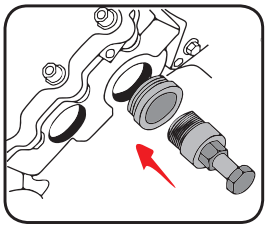
BMW
Diesel Engine Injection Pump Puller

9AT2-D01

- Specifically designed for holding the sprocket / chain in place when disassembling the VP44 injection pump and high pressure pump
- Common rail fits BMW engines

528.0 g | 6 / 36

MODEL:	318d / Compact(E46) 320d / td Compact(E46) 330d(E46), 535d(E60 / E61), 730d(E38) X5 3.0d(E53), 530d(E39), 530d(E60 / E61) 525d(E60 / E61), 525d(E39)
ENGINE CODE:	**M47 / M57** 1 Series E87, 3 Series E46 / E90 5 Series E39 / E60, 6 Series E63 7 Series E38 / E65, X3 E83 and E53 / E70



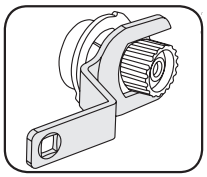
CHEVROLET
Petrol Engine Tension Adjustment Wrench Set (Via Water Pump)

9AT1202

- The set includes 41mm and 46mm tension adjust wrench
- Suitable for Vauxhall / Opel and Chevrolet engine

694.4 g | 6 / 24

MODEL:	**9AT1202-B(41mm)** Kalos (04-08), Aveo (06-08), Espero / Aranos (95-97), Nexia (95-97) Lanos (97-03), Nubira / Lacetti (97-09) Cruze (2009)
ENGINE CODE:	1.4 A13DM A14MS F14S3 1.4 16v. F14D3, 1.5 G15MF 1.5 16v. A15DM A15SMS A15MF 1.6 16v. A16DM A16DMS F16D3 LXT



CONTENTS :
- A - tension adjustment wrench (46mm)
- B - tension adjustment wrench (41mm)

MERCEDES-BENZ
Petrol Engine Timing Set

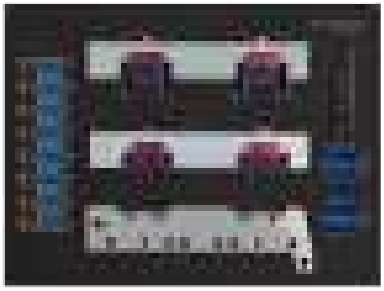
9AT1016E new

- Use for chain drive 1.6 / 2.0 direct injection petrol engine
- Includes different diameter alignment blocks and pulley bit socket to ensure the camshaft in the correct position
- Suitable for Mercedes- Benz M133 / M270 / M274

16 PC. | P | CHAIN

5696.0 g | 1 / 5

MODEL:	A-class 176 (since 2012) B-class 242 / 246 (since 2012) CLA 117 (since 2012) C-class 204 (since 2011) C-class COUPE (since 2011) E-class 212 (since 2011) GLA (2014-15)
ENGINE CODE:	133.980 270.910, 270.920 274.910, 274.920



CONTENTS :
- A – camshaft alignment tool (chain end)
- B – camshaft alignment tool (gearbox end)
- C – camshaft pulley bit socket (T100)
- D – camshaft alignment blocks (small)

MERCEDES-BENZ
Petrol Engine Timing Set

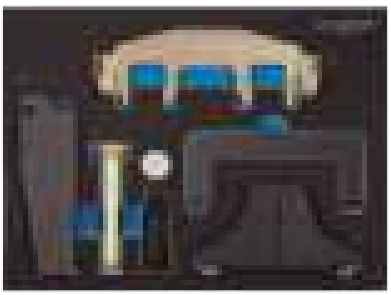
9AT1606E new

- Use for 1.8 litre M271 chain drive petrol engine
- Includes chain tensioner adjust tools and cam pulley bit socket to hold the chain in place
- Suitable for Mercedes- Benz M271

6 PC. | P | CHAIN

3452.0 g | 1 / 3

MODEL	ENGINE CODE
C-class 176 (2002-15) C-class Coupe (2011-15) CLC (2008-12) CLK (2002-09) E-class (2002-13) E-class Coupe / Cabriolet (2004-13) SLK (2004-15)	271.820, 271.860, 271.861 271.921, 271.940, 271.941 271.942, 271.943, 271.944 271.946, 271.948, 271.950 271.952, 271.954, 271.955 271.956, 271.957, 271.958
Sprinter (2007-15)	271.951



CONTENTS :
- A – camshaft locking tool
- B – cam chain tensioner rail wedge tool
- C – cam chain tensioner drift
- D – cam chain retaining bridge
- E – camshaft pulley bit socket (T100)

PSA PEUGEOT CITROËN
Petrol Engine Setting & Locking Set – BMW/PSA

9AT1010E

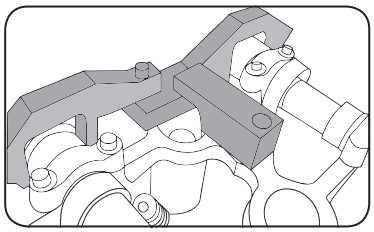
- The set includes camshaft setting tool, crankshaft locking pin & chain tensioner tool
- Suitable for BMW Mini and PSA Peugeot Citroën 1.4/1.6 16v valvetronic direct injection engines
- Use to lock and adjust engine timing

2383.5 / 1 / 5

MODEL:	**Citroen** C4(08-11) C4 Picasso(08-13) **Peugeot** 207(06-11) 207CC(07-14) 308(07-14) 3008(09-12) 5008(09-11)
ENGINE CODE:	**Citroen** 8FR(EP3) 5FS(EP6) **Peugeot** EP3(8FS) EP6(5FW) EP6DT(5FX) 8FS(EP3) EP6DTS(5FY)

10 PC. | P | CHAIN

CONTENTS :
- A – camshaft setting tool (inlet)
- B – camshaft setting tool (exhaust)
- C – camshaft setting tool
- D – camshaft setting clamp
- E – crankshaft locking pin
- F – chain tensioner tool
- G – M10 screw*4

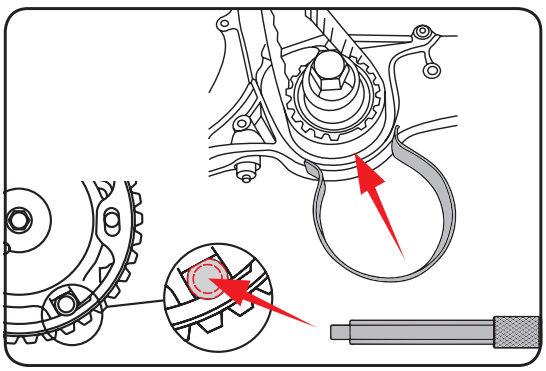


PSA PEUGEOT CITROËN
Petrol Engine Timing Set

9AT1021E

- The set includes special flywheel tools and cam/crankshaft timing pin
- Use to replace timing belt engines of: 1.0 / 1.1 / 1.4 / 1.6 / 1.6VTS / 1.8 16v / 2.0 / 2.0 16V / 2.2
- Include PSA "EW coded" twin-cam 16v engine and HPi versions
- Suitable for PSA Peugeot / Citroen engines

2163.5 / 1 / 10



21 PC. | P | BELT

CONTENTS :
- A – timing belt retaining tool
- B – tensioner adjusting tool
- C – flywheel locking tool
- D – flywheel holding tool
- E – flywheel plate locking tool
- F – flywheel locking tool
- G – flywheel locking tool
- H – tensioner locking tool
- I – tensioner locking tool
- J – timing pin

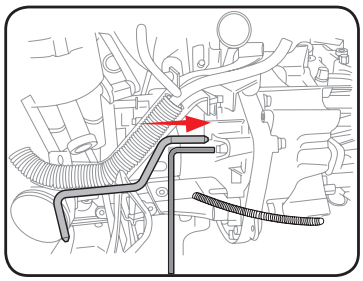
PSA PEUGEOT CITROËN
Diesel Engine Timing Set

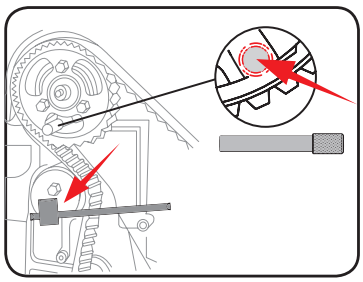
9AT2026E

- The set includes special flywheel tools and cam/ crankshaft timing pin
- Use to replace timing belt engines of: 1.4HDi / 1.5D / 1.6HDi / 1.9D / 2.0HDi / 2.0DHDi 16V / 2.2HDi / 2.5D Turbo
- Suitable for PSA Peugeot / Citroen engines

3180.0 | 1 / 3

26 PC. | D | BELT





CONTENTS :
- A – flywheel pulley puller
- B – flywheel locking tool
- C – tensioner tool
- D – M8 x 80mm screw
- E – flywheel locking pin
- F – flywheel locking tool
- G – flywheel locking tool
- H – flywheel timing tool
- I – tensioner tool
- J – timing pin
- K – timing belt retaining tool
- L – tensioner locking pin
- M – special locking tool

PSA PEUGEOT CITROËN
Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel

D | BELT

CONTENTS :
- A – TDC timing pin
- B – flywheel locking pin (2pc)
- C – tensioner retaining tool

112.2 | 12 / 120

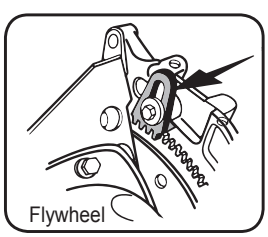
MODEL:	**2.8D/Tdi/Hdi** Relay / Jumper (01-06) Boxer (00-06)
ENGINE	8140.43 8140.43S 8140.63

Petrol & Diesel Engine Flywheel Holding & Locking Tool

9AT3-E02

- Used to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with high torque and the flywheel must be securely locked during installation / removal
- Jamming tools into the teeth of the flywheel will cause serious damage to both teeth and housing
- Suitable for petrol and diesel engine

P | D | BELT



64.2 | 25 / 100

MODEL:	**Petrol 1.0 to 2.0 TU / XU (Belt)** XU 1.6 to 2.0 **Diesel 1.50 to 2.50 TUD / XUD (Belt)** XU1.6 to 2.0 XD1.8D to 1.9D

FIAT
Petrol Engine Setting & Locking Set

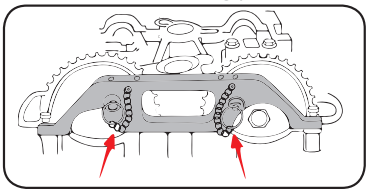
9AT1002E

- The set includes camshaft setting tool and tensioner retaining pin
- Suitable for Vauxhall / Opel & Fiat engine
- Use to lock the camshafts on the correct timing position

1510.0 / 1 / 10

MODEL:	**Petrol 2.2 16v. Twin Cams(Chain)** Croma (05-09)
ENGINE CODE:	**Petrol 2.2 16v. Twin Cams(Chain)** 194A1.000

CONTENTS :
- A - camshaft setting tool
- B - tensioner retaining pin



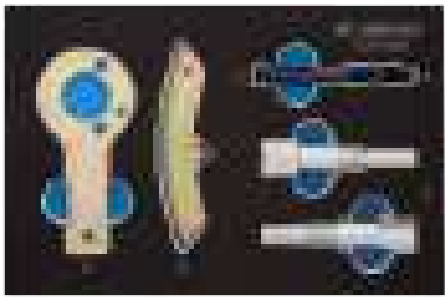
FIAT
Diesel Engine Setting & Locking Tool Set

9AT2006E

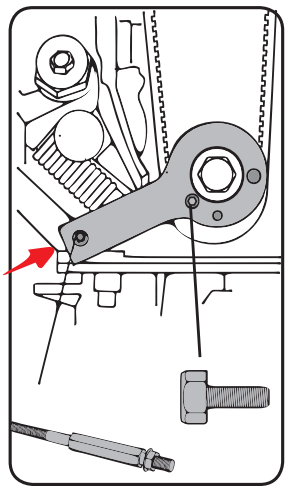
- The set includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engines timing

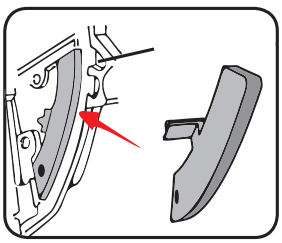
1359.5 / 1 / 10

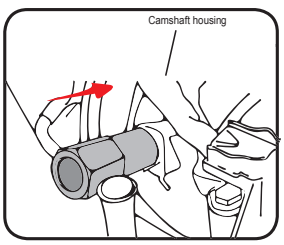
MODEL:	**Diesel** **1.6JTD / 1.9JTD / 2.0JTD / 2.4JTD Multijet(Belt)** Punto (99-06), Grande Punto (05-09) Idea (04-08), Brava/Bravo (98-02) Linea (07-09), New Bravo (07-09) Marea/Weekend (99-03), Stilo (01-06) Croma (05-09), Multipla (99-07) Doblo/Cargo (02-09), Palio Weekend (02-06) Sedici (06-09), Strada Pick-Up (03-06)
ENGINE CODE:	**1.6JTD 16v.** 198A2.000, 198A3.000, 198A6.000 350A2.000 **1.9JTD 8v.** 182B4.000, 182B9.000, 186A6.000 186A8.000, 186A9.000, 188A2.000 188A7.000, 188B2.000, 192A1.000 192A3.000, 192A8.000 **1.9JTD 8v.** 192A9.000, 192B4.000, 192B5.000 199A5.000, 939A1.000, 939A5.000 939A7.000, 223A7.000 **1.9JTD 16v.** 192A5.000, 937A5.000, 939A2.000 939A8.000 **2.0JTD 16v.** 198A5.000 **2.4JTD 10v.** 185A6.000 **2.4JTD 20v.** 939A3.000



CONTENTS :
- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)





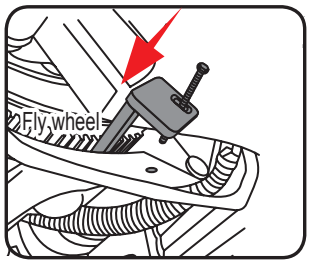


FIAT

Petrol Engine Flywheel Holding Tool

9AT1-E01

- Use to lock the flywheel while removing and replacing the timing belt
- Put it into the teeth of the flywheel to hold the crankshaft up, while releasing or tightening the bolt



51.0 | 20 / 100

MODEL:	Stilo (01-08), Brava / Bravo (95-02) Marea / Weekend (96-03), Multipla (99-09) Doblo / Cargo (02-06)
ENGINE CODE:	178B3.000, 182A4.000 182A6.000, 182B6.000

Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel

CONTENTS :
- A – TDC timing pin
- B – flywheel locking pin (2pc)
- C – tensioner retaining tool

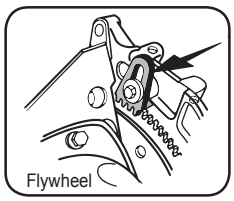
112.2 | 12 / 120

MODEL:	**2.5D / 2.5DT / 2.8D / 2.8JTD** Croma (93-97) Ducato (87-06) Talento (87-02)
ENGINE	8140.21, 8140.27, 8140.47R 8140.43, 8140.43S, 8140.63 8144.67

Petrol Engine Flywheel Holding & Locking Tool

9AT3-E02

- Used to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with high torque and the flywheel must be securely locked during installation / removal
- Jamming tools into the teeth of the flywheel will cause serious damage to both teeth and housing
- Suitable for petrol and diesel engine



64.2 | 25 / 100

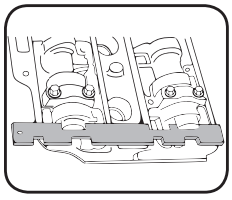
MODEL:	**Petrol 1.6 16v. Twin Cams (Belt)** Stilo

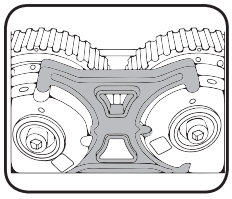
FORD

Petrol Engine Twin Camshaft & Diesel Engine Timing Tool Set

9AT1406E new

- The set includes VCT setting plate, camshaft setting plate, crankshaft TDC location pin, tensioner locking pin and flywheel locking tools
- Suitable for 16v. Duratec petrol engine of FORD 1.6 Ti-VCT twin camshaft
- Use to adjust VCT timing on inlet and exhaust camshaft during timing belt replacement





CONTENTS :
- A&E - flywheel locking tool
- B - camshaft setting plate
- C - crankshaft TDC location pin
- D - tensioner locking pin
- F - VCT setting plate
- G-crankshaft pulley alignment tool

1640.0 | 1 / 10

MODEL:	Focus C-Max (03-08) Focus (04-08) Mondeo (07-08)
ENGINE CODE:	HXDA

Diesel Engine Timing and Injection Pump Setting & Locking Set

9AT2011E

- The set includes sprocket retaining plate, flywheel & tensioner locking pins
- Suitable for chain drive diesel engine of Ford
- Use to install/remove injection pump & set/lock engine timing

1472.5 g / 1 / 10

MODEL:	Diesel 2.0 / 2.2 / 2.4 TDdi / TDci DURATORQ(CHAIN)
ENGINE CODE:	**2.0Ddi** ABFA, D3FA, F3FA **2.0 TDdi** D5BA, D6BA **2.0 TDci** FMBA, FMBB **2.2 TDci** QJBA~D **2.4 Ddi** D2FA, F4FA **2.4 TDci** FXFA, H9FA, JXFA, PHFA

CONTENTS :
- A – access Cover Removal Plate
- B – sprocket Retaining Plate
- C – location Pins (3 PC.)
- D – locking Pins (3 PC.)
- E – flywheel Locking Pins (2 PC.)
- F – tensioner Locking Pin

FORD
Diesel Engine Setting/Locking Tool (Belt Drive)

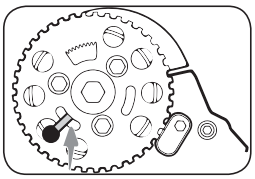
9AT2-C01

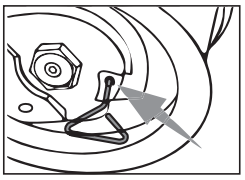
- The set includes crankshaft (oval/round), camshaft and tensioner locking pins
- Suitable for most of general VAG 1.4/1.9/2.0 TDi PD DOHC engines
- Also for Ford Galaxy models engine

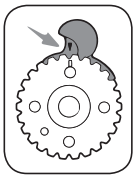
408.2 g / 10 / 40

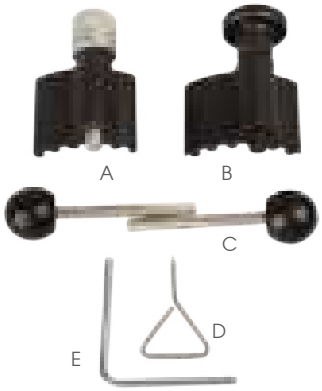
MODEL:	Galaxy 1.9
ENGINE CODE:	ASZ / ANU

CONTENTS :
- A - Crankshaft Locking Tool (Silver / Oval)
- B - Crankshaft Locking Tool (Black / Round)
- C - Camshaft Locking Pins (2 pcs)
- D - Tensioner Pulley Locking Pin
- E - Auxiliary Belt Tensioner Locking Pin









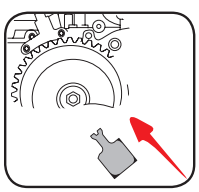
Petrol Engine Timing Set – Ford 2.0 Ecoboost

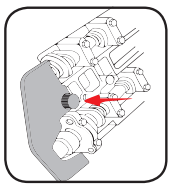
9AT1105E

- The set includes cam & crankshaft alignment tool and tensioner locking pin
- Suitable for Ford fitted with SCTi Ecoboost/Ti-VCT 2.0lt direct injection engines
- Camshaft tool use for vehicles manufactured **May 2011** and **after May 2011**

1744.5 g / 1 / 10

MODEL:	Galaxy(2010-), Mondeo(2010-) S Max(2010-), Focus(2011-)
ENGINE CODE:	**Galaxy 2.0** TNWA, TNWB, TPWA **Mondeo 2.0** TNBA, TPBA **S Max 2.0** TNWA, TNWB, TPWA **Focus 2.0** MGDA, XQDA





CONTENTS :
- A – camshaft alignment plate
- B – camshaft alignment plate
- C – crankshaft locking tool
- D – crankshaft timing pin
- E – tensioner locking pin

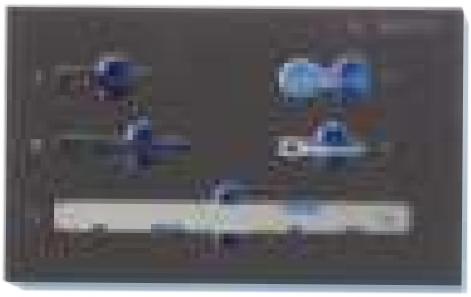
FORD
Petrol Engine Timing Locking Set

9AT1005E

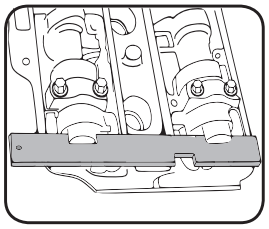
- The set includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application

1051.0 / 1 / 10

5 PC. | P | CHAIN | BELT



CONTENTS :
- A - crank TDC location pin
- B - crank TDC location pin
- C - camshaft setting plate
- D - timing belt tensioner locking pin
- E - crank holding tool (+crank pulley bolt tightening)



MODEL:	**1.25 to 2.3 16v. DURATEC(Belt/Chain)** Fiesta (95-09) Fusion (02-09) Puma (97-02) Focus (98-09) Focus C-Max (03-07) C-Max (07-09) Mondeo (93-09) Cougar (98-01) S-Max (06-09) Galaxy (06-09) Tourneo Connect (02-06) Transit Connect (02-06) Transit (06-09)
ENGINE CODE:	**1.25 16v (Belt)** DHA~G, F8JA~B, FUJA~B M7JA~B, SNJA, STJA **1.4 16v (Belt)** ASDA~B, FHA, FHD~F, FXDA/C, FXDB/D FXJA~B, SPJA **1.6 16v (Belt)** FYDA/C, FYDB/D, FYJA~B, L1F, L1J, L1L, L1N, L1Q, L1T, L1V, L1W, HWDA~B **1.7 16v (Belt)** MHA~B **1.8 16v(Belt)** EYDB~G, EYDI~J, EYPA, EYPC, RKA~B RKF, RKH, RKJ, RKK **1.8 16v(Chain)** CDBB, CGBA/B, CHBA/B, CSDA~B, QQDA~C **2.0 16v(Belt)** EDBA/C, EDBB, EDBD, EDDB~D, EDDF, NGA~D **2.0 RS/ST170(Belt)** ALDA, HMDA **2.0 16v(Chain)** AOBA, AODA~B, AOWA, CJBA/B, N4JB **2.3 16v(Chain)** SEBA, SEWA, GZFA, GZFB

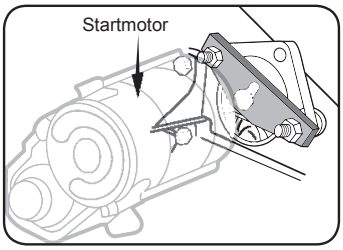
FORD
Petrol & Diesel Engine Flywheel Holding Set

9AT3-E01

- Lock crankshaft in timed position by locating into flywheel
- Suitable for counter-holding crankshaft when releasing or tightening crankshaft pulley bolt

373.2 / 36 / 36

MODEL:	**1.8 TDi / TDdi / TDCi Petrol Engines(Belt)** Fiesta / Courier, Tourneo Connect, Focus C-Max, Mondeo, S-Max, Galaxy, Transit Connect **2.0TDCI Diesel Engines (Belt)** Focus / C-Max, S-Max, Galaxy **1.6Ti-VCT Petrol Engines(Belt)** Focus, Mondeo, Focus C-Max
ENGINE CODE:	**1.8 TDi / TDdi / TDCi Petrol Engines(Belt)** RTN, RTQ, RTP, BHDB, BHPA, C9DA, C9DB C9DC, F9DA, F9DB, FFBA, FFDA, FFWA HPCA, HPCB, P7PA, P9PA, QYBA, QYWA R2PA, R3PA, RWPA, KKDA **2.0TDCI Diesel Engines (Belt)** AZWA, G6DA, G6DB, G6DC, QXWA **1.6Ti-VCT Petrol Engines(Belt)** HXDA

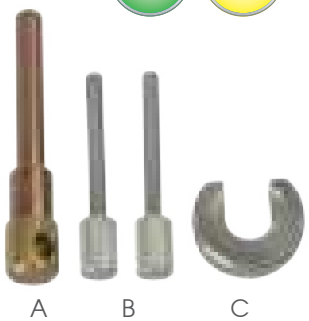


IVECO
Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel

CONTENTS :
- A – TDC timing pin
- B – flywheel locking pin (2pc)
- C – tensioner retaining tool



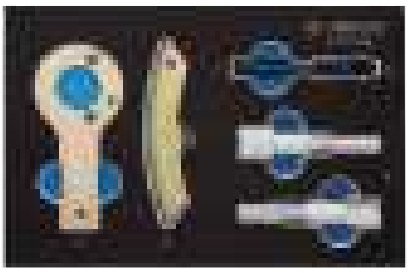
112.2 / 12 / 120

MODEL:	**2.5D/2.8D** Daily (91-06) Turbo Daily (94-00)
ENGINE CODE:	8140.07, 8140.27S, 8140.47 8140.47R, 8140.67F, 8140.97 8140.23, 8140.43C, 8140.43S

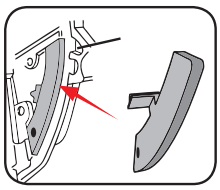
LANCIA
Diesel Engine Setting & Locking Set

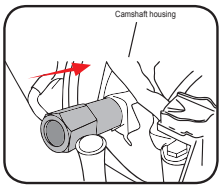
9AT2006E

- The set includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engines timing



CONTENTS :
- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)





1359.5 / 1 / 10

MODEL:	**2.0JTD / 2.2JTD(Belt)** Lybra (99-07) Musa (04-09) Kappa (98-02) Thesis (02-07)
ENGINE CODE:	**1.9JTD 8v.** 323.02, 371.01, 188B2.000, 937A2.000 **2.4JTD 10v.** 838A8.000, 839A5.000, 839A6.000 **2.4JTD 20v.** 841C.000, 841D.000, 841G.000, 841H.000

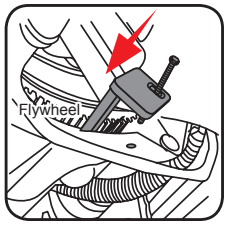
LANCIA
Petrol Engine Flywheel Holding Tool

9AT1-E01

- Use to lock the flywheel while removing and replacing the timing belt
- Put it into the teeth of the flywheel to hold the crankshaft up, while releasing or tightening the bolt

51.0 g / 20 / 100

MODEL:	Delta (96-99) Lybra (99-06)
ENGINE CODE:	182A4.000 182A6.000



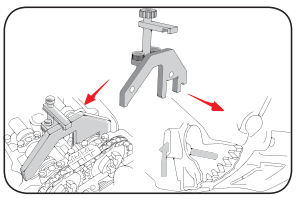
LAND ROVER
Diesel Engine 2.0 / 3.0 Timing Set

9AT2007E

- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

1752.5 g / 1 / 10

MODEL:	**Diesel (Chain)** Freelander (00-06) Td4 (2.0d) Range Rover (02-06) Td6 (3.0d)
ENGINE CODE:	**Diesel (Chain)** 204D3 / Td4 (2.0 M47:BMW) 306D1 / Td6 (3.0 M27:BMW)



CONTENTS :
- A – camshaft setting plate
- B – camshaft plate locking tool
- C – TDC timing pin
- D – tensioner retaining pin set (pair)
- E – flywheel locking pin

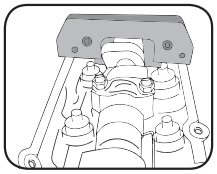
Diesel Engine 2.5TDS Timing Set

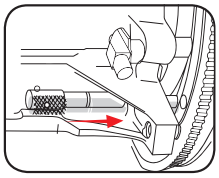
9AT2106E

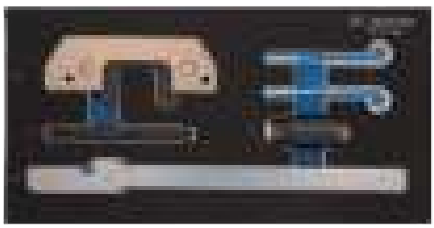
- The set includes camshaft setting plate, tensioner lever, tensioner retaining pin, flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engines
- Use to retain and support the sprocket and timing chains in position when the pump is removed

2480.0 g / 1 / 5

MODEL:	**2.5D Turbo (Chain)** Range Rover (94-02)
ENGINE CODE:	256T M51





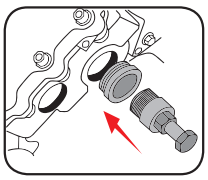


CONTENTS :
- A – camshaft setting plate
- B – tensioner lever
- C – flywheel locking pin
- D – tensioner retaining pin
- E – pump remove & sprocket retainer (2 part)

LAND ROVER
Diesel Injection Pump Puller

9AT2-D01

- Specifically designed for holding the sprocket / chain in place when disassembling the VP44 injection pump and high pressure pump
- Common rail fits BMW engines



528.0 | 6 / 36

MODEL:	Freelander (00-06) Td4 (2.0d) Range Rover (02-06) Td6 (3.0d)
ENGINE CODE:	204D3 / Td4 (2.0 M47:BMW) 306D1 / Td6 (3.0 M57 : BMW)

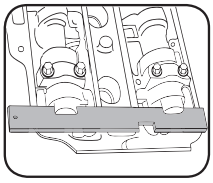
MAZDA
Petrol Engine Timing Locking Set

9AT1005E

- The set includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application

CONTENTS :
- A - crank TDC location pin
- B - crank TDC location pin
- C - camshaft setting plate
- D - timing belt tensioner locking pin
- E - crank holding tool (+crank pulley bolt tightening)

5 PC.



1051.0 | 1 / 10

MODEL:	**1.25 to 2.3 16v. (Belt/Chain)** 121 (95-00) 2 (02-07) 3 (03-09) 5 (05-09) 6 (02-09) MX-5 (05-09) MPV (02-05) Tribute (01-01)
ENGINE CODE:	**1.25 to 2.3 16v. (Belt/Chain)** **1.25 16v :** DHA, FUJA, FUJB **1.4 16v :** FXJA, FXJB **1.6 16v :** FYJA **1.8 16v :** L8 **2.0 16v :** LF, YF **2.3 16v :** L3

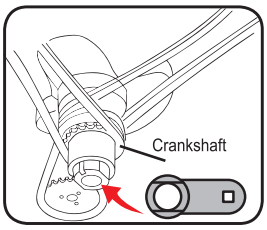
RENAULT
Diesel Engine Setting & Locking Set

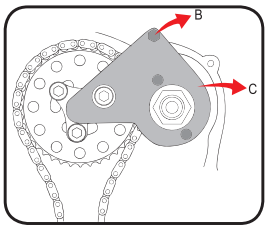
9AT2008E

- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

8 PC.

CONTENTS :
- A&H - camshaft gear alignment tool
- B&C - camshaft setting plate
- D - crankshaft locking pin
- E - auxiliary belt tensioner locking pin
- F - crankshaft pulley holding tool
- G - chain tensioner locking pin





2375.5 | 1 / 5

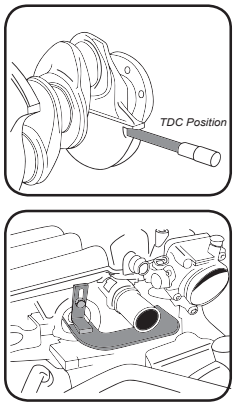
MODEL:	Megane II (07-09) Scenic /Grand Scenic (08-09) Laguna II (01-05) Vel Satis (05-09) Espace / Grand Espace (08-09) Koleos (08-09) Trafi c (07-09)
ENGINE CODE:	**2,0 dCi M9R** 700, 721, 722, 724, 740, 742, 746, 760 761, 780, 802, 803, 805, 830, 832, 833

RENAULT

Petrol Engine Timing Locking Set-2.0 16V IDE - F5R

9AT1-A03

- The set includes crankshaft timing pin and camshaft setting plate, to aid timing belt replacement
- Suitable for Renault 2.0 IDE twin cam petrol engines found in Laguna and Megane vehicles



510.6 10 / 30

MODEL:	Megane (99-03) Laguna II (01-05)
ENGINE CODE:	F5R700, 701, 740

Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel

CONTENTS :
- A – TDC timing pin
- B – flywheel locking pin (2pc)
- C – tensioner retaining tool

A B C

112.2 12 / 120

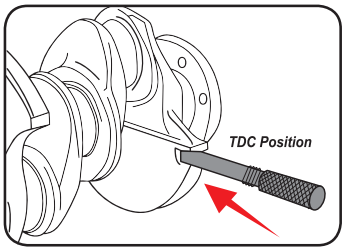
MODEL:	**2.5D/2.5D Turbo/2.8dTi/2.8dCi** Trafic (98-00) Master (98-07)
ENGINE CODE:	**S8U** 720, 722, 730, 731, 742, 748 750, 752, 770, 772, 780, 782 **S9U** 700, 702, 704, 714, 740 **S9W** 206, 208, 212, 700, 702

Petrol & Diesel Engine Timing Set(dCi Engines)

9AT3-A03

- The set includes camshaft / crankshaft locking pin and TDC timing pin
- Used for timing belt replacement
- Suitable for Renault 1.5 and 1.9 dCi diesel and petrol engine

CONTENTS :
- A - crankshaft Locking Pin
- B - TDC Timing Pin
- C - camshaft/Crankshaft Locking Pin



B A C

RENAULT (Belt)

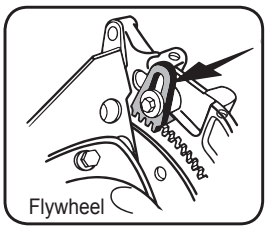
220 10 / 100

MODEL:	**Diesel** Clio 1.5 dCi (01-08) Clio 1.9 DTi (99-03) Espace 1.9 TDi (97-02) Kangoo 1.5 dCi (04-08) Kangoo 1.9 DTi (99-03) Laguna 1.9 DTi (97-03) Megane II 1.5 dCi (02-05) Megane 1.9 D/TD/TDi (95-03) Scenic II 1.5 dCi (02-05) Scenic 1.9 TD (95-99) **Petrol** Clio 1.8 (92-01) Espace 2.0 (92-01) Laguna 1.8 (92-01) Megane, 2.0 (96-99) R19 1.8 (92-01) F3R Scenic 2.0 (96-99)
ENGINE CODE:	**Diesel** K9K F8Q F9Q **Petrol** F3P F3R

RENAULT
Petrol & Diesel Engine Flywheel Holding & Locking Tool

9AT3-E02

- Used to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with high torque and the flywheel must be securely locked during installation / removal
- Jamming tools into the teeth of the flywheel will cause serious damage to both teeth and housing
- Suitable for petrol and diesel engine



64.2 g | 25 / 100

MODEL:	**Petrol 1.2 to 2.2 (Belt)** F3R, F7R, F7P, F3P, E7J F8M and F8Q (early) **Diesel 1.50 to 2.50 TUD / XUD (Belt)** F3R, F7R, F7P, F3P, E7J, F8M and F8Q (early)

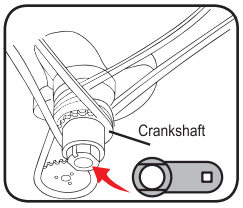
NISSAN
Diesel Engine Setting & Locking Tool Set

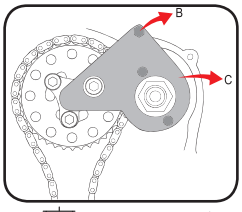
9AT2008E

- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

8 PC.

CONTENTS :
- A&H - camshaft gear alignment tool
- B&C - camshaft setting plate
- D - crankshaft locking pin
- E - auxiliary belt tensioner locking pin
- F - crankshaft pulley holding tool
- G - chain tensioner locking pin





2375.5 g | 1 / 5

MODEL:	Primastar (08-09) Qashqai (08-09) X-Trail (07-08)
ENGINE CODE:	**M9R** 780, 830, 832, 833

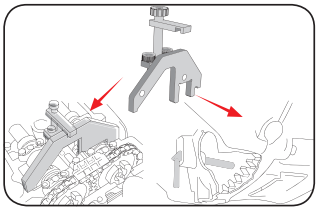
ROVER
Diesel Engine 2.0 / 3.0 Timing Set

9AT2007E

- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

7 PC.

1752.5 g | 1 / 10

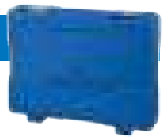


MODEL:	**Diesel (chain)** **Rover** 75 (99-05) **MG** MG ZT (01-05)
ENGINE CODE:	**Diesel (chain)** M47R (BMW)

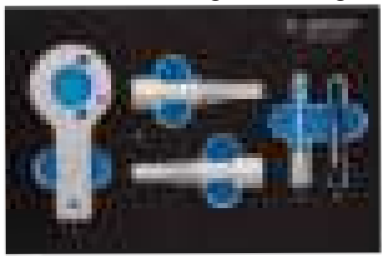
CONTENTS :
- A - camshaft setting plate
- B - camshaft plate locking tool
- C - TDC timing pin
- D - tensioner retaining pin set (pair)
- E - flywheel locking pin

SAAB
Diesel Engine Setting & locking Set

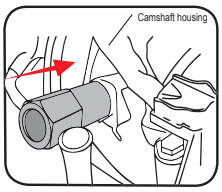
9AT2005E

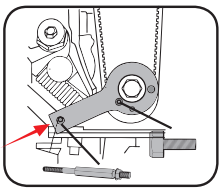


- The set includes crankshaft locking tool, camshaft setting tools(pair) and a tensioner locking pin
- Suitable for Saab, Vauxhall / Opel engine
- Use to set and lock engines timing



CONTENTS :
- A&D - crankshaft locking tools
- B - camshaft setting tool (pair)
- C - tensioner locking pin





1295.0 | 1 / 10

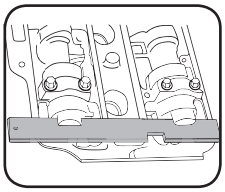
MODEL:	**Diesel 2.2D TiD** 9-3 (98-04), 9-5 (02-06)
ENGINE CODE:	**Diesel 2.2D TiD** Z19DT / Z19DTH

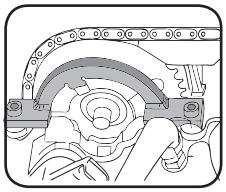
SUZUKI
Petrol Engine Setting & Locking Set

9AT1004E

- The set includes camshaft setting plate, crankshaft locking pin, chain tensioner locking pin and also camshaft sensor aligning bracket
- The bracket is used to position the timing sensor disc on the inlet camshaft

CONTENTS :
- A - camshaft sensor aligning bracket
- B - crankshaft locking pin
- C - camshaft locking tool
- D - tensioner retaining pin





1316.5 | 1 / 10

MODEL:	**Petrol 1.0 / 1.2 (Chain)** Wagon R+ (05-08)
ENGINE CODE:	**Petrol 1.0 / 1.2 (Chain)** Z10XEP Z12XEP

SUZUKI
Diesel Engine Setting & Locking Set

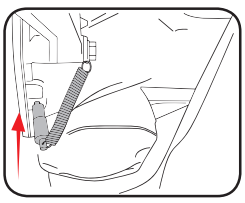
9AT2004E

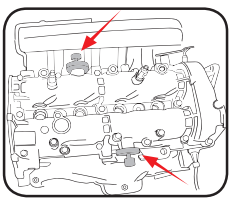
- The set includes flywheel locking pin, camshaft setting tools, tensioner locking pin
- Use to retain timing position only. DO NOT use them to hold camshafts in position while releasing or tightening the sprocket bolts

1100.5 | 1 / 10

MODEL:	**Diesel 1.3 DDiS (Belt)** Swift (04-09) Ignis (03-09) Wagon R+ (03-08)
ENGINE CODE:	**Diesel 1.3 DDiS (Belt)** Z13DT

CONTENTS :
- A– camshaft setting tool set (pair)
- B– flywheel locking pin
- C– tensioner retaining pin





VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT

Petrol Engine Twin Camshaft Setting & Locking Set - VAG 1.4 / 1.6 FSi (Chain)

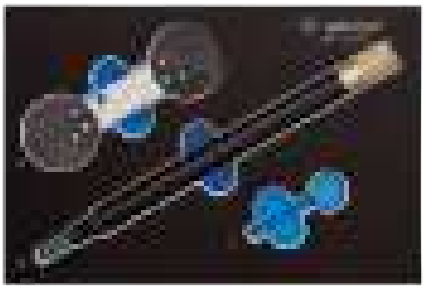
9AT1103E

- The set includes camshaft setting plate, TDC position tool (with DTI) and tensioner locking pin
- 9AT1103 'B' TDC positioning tool has to use with 9AT3-F01(not included in this set)

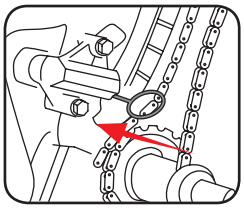
1456.0 / 1 / 10

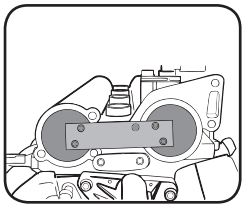
3 PC. | P | CHAIN

MODEL:	**Audi** A3 (03-07) **Volkswagen** Polo (02-08), Golf V (03-08), Golf Plus (05-08) Jetta (06-08), Passat (05-08), Touran (03-07) **Skoda** Octavia II (04-08)
ENGINE CODE:	**1.4 FSI** AXU, BKG, BLN **1.6 FSI** BAG, BLF, BLP, BTS



CONTENTS :
- A - camshaft setting plate
- B - TDC position tool (with DTI)
- C - tensioner locking pin





VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT

Petrol Engine Setting & Locking Set

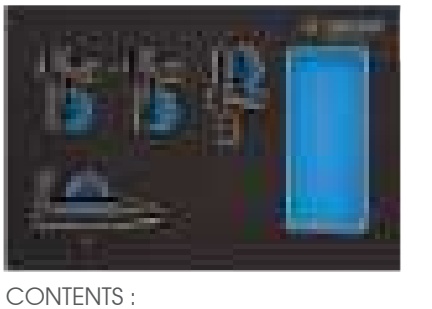
9AT1104E

- The set includes a camshaft setting tool set (pair), camshaft setting tool and a flywheel locking pin
- Suitable for VW Group 1.2 engine range
- Use to adjust valve timing

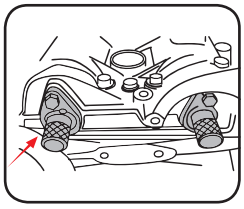
1291.0 / 1 / 10

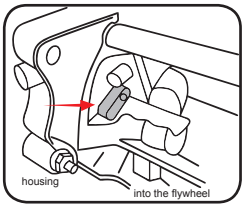
4 PC. | P | CHAIN

MODEL:	**Seat** Ibiza / Cordoba (02-08) **Skoda** Fabia (02-07) **Volkswagen** Polo (02-07), Fox (05-08), Eos (06-08)
ENGINE CODE:	**Petrol 1.2 6v (chain)** AWY, BMD **Petrol 1.2 6v (chain)** AZQ, BME



CONTENTS :
- A - camshaft setting tool set (pair)
- B - flywheel locking pin
- C - camshaft setting tool





VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT

Diesel & Petrol Engine Timing Locking Set

- PETROL :1.6 / 1.8 / 1.8T / 2.0 / 2.0 16v / 2.0FSi (Chain)
- DIESEL :1.7 and 1.9D / DT / SDi / TDi (Belt)

9AT1012E

12 PC. | P | D | CHAIN | BELT

2037.2 | 1 / 5

MODEL:

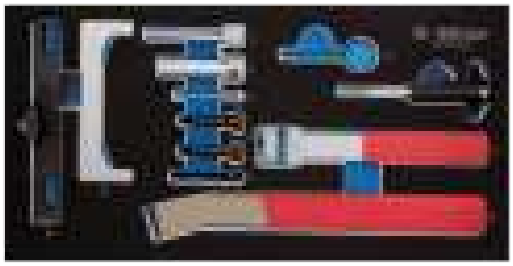
PETROL / DIESEL :
Audi
80 (91-96), A3 (96-08), S3 (99-03)
A4 (95-08), A6 (94-08) , TT (98-05)
Cabriolet (94-08)
Seat
Altea (04-08) Alhambra (95-04),
Arosa (98-05), Ibiza / Cordoba (93-02)
Inca (96-04), Leon (99-05), Toledo (94-08)
Skoda
Fabia (00-07), Octavia (96-07)
Superb (02-08)
VW
Beetle (99-08), Bora / Golf (94-08)
Caddy (95-06), Lupo (99-06)
Passat (96-08), Vento(92-97), Jetta(05-09)
Polo / Classic (95-02), Sharan (95-08)
Touran (03-08), Transporter (90-08)

ENGINE CODE:

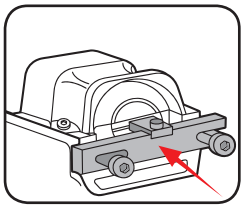
PETROL :
1.6
1F, ABM, ADA, ADP, AEH, AEK, AFT,
AHL, AKL, AKS, ALZ, ANA, APF, ARM,
AVU, AYD, BFQ, BFS, BFQ, BGU, BSE, BSF
1.8
ABS, ADR, ADZ, AGN, AJP, APG, APT, APX,
ARG
1.8T
AEB, AGU, AJH, AJL, AJQ, AMK, ANB,
APP, APU, APY, AQA, AQX, ARX, ARY, ARZ,
AUM, AVC, AWC, AWT, AWU, AUQ, AYP,
BAM
1.8 16v
ADL
2.0
2E, AAC, AAE, ABF, ABK, ABT, ACE, ADY,
AEG, AGG, AKT, APK, AQY, ATM, ATU, AWF,
AWG, AXA, AZH, AZJ, AZL, AZM, BEH
2.0 16v
ABF
2.0FSi / TFSi
AXW, AXX, BGB, BHD, BLR, BLY,
BMB, BPJ, BPY, BWA

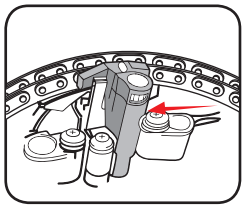
DIESEL :
1.7 SDi
AHB, AHG, AKU, AKW
1.9D/Turbo
1Y, AAZ, ABL, AEF
1.95 SDi
AEF, AEY, AGD, AGP, AQM, ASX, ASY, AYQ
1.9TDi
1Z, AAZ, AFF, AFN, AGR, AHF, AHH,
AHU, ALE, ALH, ASV, AVG

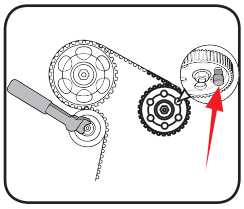
- The set includes injection pump locking tools and cam belt tensioner tools
- Suitable for VAG diesel (1.7 and 1.9D / SDi / TDi) and petrol (1.6 to 2.0) engines , and chain-in-head (1.8 / 1.8T) engine
- Use to replace timing belt and carry out various timing tensioner applications



CONTENTS :
- A&f - camshaft setting plate
- B - camshaft setting plate
- C - injection pump locking pin
- D - injection pump locking pin
- E - fan retaining bolt
- G - tensioner retainer
- H - tensioner lock pin
- I - tensioner retainer
- J - tensioner adjuster
- K - tensioner adjuster







VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Timing Set

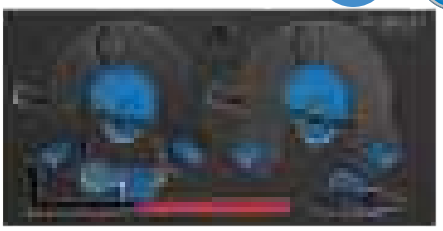
9AT1306E

- The set includes camshaft setting plate, camshaft sprocket adjusting tool, tensioner adjusting tool, tensioner locking pin and crankshaft locking pin
- Suitable for Audi VAG 3.0 V6 petrol engine
- Use to replace timing belt and carry out timing tensioner applications

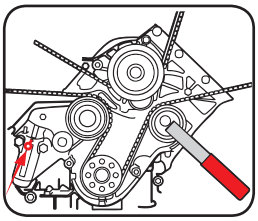
6 PC. | P | BELT

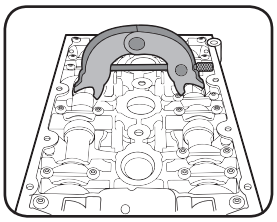
3667.5 | 1 / 5

MODEL:	**Audi** A4 (01-08), A6 (01-08), A8 (03-08) Cabrio (03-08)
ENGINE CODE:	ASN, AVK, BBJ



CONTENTS :
- A - camshaft setting plate (pair)
- B - crankshaft locking pin
- C - camshaft sprocket adjusting tool
- D - tensioner adjusting tool
- E - tensioner locking pin





VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Setting & Locking Set

9AT1506E

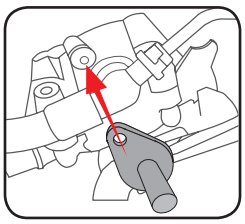
- The set includes dial & TDC indicator and camshaft setting tool
- Suitable for 1.2T/1.4T FSi and 1.4/1.6 FSi engines
- Use to check and adjust engine timing

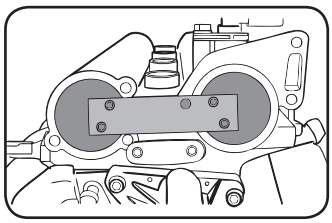
6 PC. | P | CHAIN

1856.0 | 1 / 10

MODEL:	**Audi** A1(10-12), A3(03-12) **Seat** Altea/Altea XL(08-12), Ibiza/Cordoba(08-12) Leon(07-12), Toledo(07-09) **Skoda** Fabia II(07-12), Octavia II(04-12) Roomster(06-12), Superb II(09-12) Yeti(09-12) **VW** Caddy/ Caddy Maxi(10-12), Eos(06-12) Golf(03-12), Golf Plus(03-12), Jetta(06-12) Passat(05-11), Polo(02-12), Scirocco(08-12) Tiguan(07-12), Touran(03-12)
ENGINE CODE:	**1.2T FSi** CBZA, CBZB, CBZC **1.4T FSi** BLG, BMY, BWK, CAVA, CAVB, CAVC, CAVD CAVE, CAVF, CAXA, CAXC, CDGA, CSMA **1.4 FSi** AXU, BKG, BLN **1.6 FSi** BAG, BLF, BLP, BTS

CONTENTS :
- A – camshaft setting plate
- B – TDC indicator
- C – camshaft setting tool
- D – crankshaft locking pin
- E – dial test indicator
- F – tensioner locking pin





VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT

Diesel Engine Setting & Locking Set - Pumpe Düse

9AT2012E

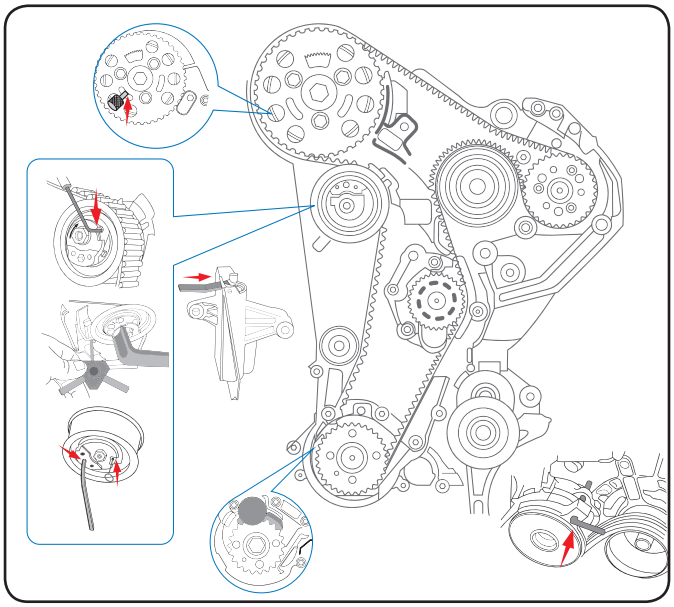
- The set includes crankshaft & camshaft locking tool, tensioner setting & adjusting tools
- Suitable for belt drive Pumpe Düse diesel engines of VW group vehicles and Ford (Galaxy)
- Use to set & lock engine to make sure timing is in the correct position during timing belt replacement
- Suggestion :
  Check the engine is hydraulic or mechanical tensioner first. (Some of 1.2 1.4 1.9 engines were changed from hydraulic to mechanical.)

12 PC. | BELT

1845.0 | 1 / 10

CONTENTS :
- A - crankshaft locking tool (silver / oval)
- B - crankshaft locking tool (black / round)
- C - camshaft locking pins (2 pcs)
- D - tensioner adjuster (1.2, 1.4 & 1.9)
- E - tensioner adjuster (later 1.9 & 2.0)
- F - tensioner adjust tool (hexagon)
- G - tensioner locking tool
- H - tensioner locking pin (mechanical)
- I - tensioner locking tool (hydraulic)
- J - tensioner setting tool (hydraulic)
- K - auxiliary belt tensioner locking pin

MODEL:	**Audi** A2 (01-06), A3 (01-09), A4 (99-09) A5 (08-09), A6 (98-08), TT (08-09) Q5 (08-09) **Skoda** Fabia (00-07), Fabia II (07-09) Octavia (00-09), Octavia II (04-09) Superb (02-08), Roomster (07-09) **Volkswagen** Lupo(99-05), Polo(99-07), Fox(05-08) Jetta (05-09), Passat (98-09), Beetle (00-09) Touran (03-09), Sharan (99-09) Caddy (03-09), Golf /Bora(98-08) Golf Plus (05-09), Transporter (03-09) **Seat** Arosa (99-05), Altea XL(04-09) Leon (00-09), Toledo (04-09) Alhambra (99-09), Ibiza / Cordoba)(02-09) **Ford** Galaxy (99-06)
ENGINE CODE:	**1.2TDi PD** ANZ, AYZ **1.4TDi PD** AMF, ATL, BAY, BHC, BMS, BNM, BNV, BWB **1.9TDi PD** AJM, AMG, ANU, ARL, ASZ, ATD, ATJ, AUY, AVB, AVF, AVQ, AWX, AXB, AXC, AXR, BEW, BJB, BKC, BKE, BLS, BLT, BMT, BPX, BRB, BRM, BRR,BRS, BRU, BSU, BSW, BTB, BUK, BVK, BXE, BXF **2.0TDi PD** AZV, BDJ, BDK, BGW, BHW, BKD, BKP, BLB, BMA, BMM, BMN, BMP, BMR, BNA, BPW, BRC, BRE, BRF, BRT, BUZ, BVE, BVF, BVG, BVH, BWV **1.9TDi PD (Ford)** ANZ, ASZ, AUY



VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT

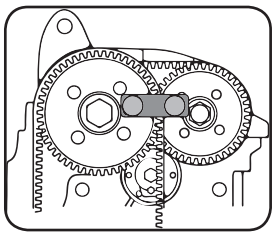
Petrol Engine Camshaft Sprocket Holding Tool

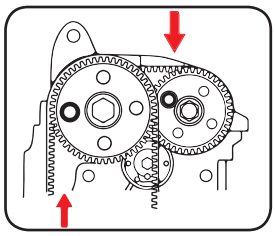
9AT1-A01

- For locking the camshaft pulleys when changing the toothed belt
- Engine repairs on 16-valve 1.4/1.6L FSi twin cams injection engine

339.8 | 6 / 36

MODEL:	**Audi** A2 (00-06) **Seat** Arosa (99-05), Ibiza / Cordoba (99-08) Leon (99-05), Toledo (99-05), Inca (00-04) **Skoda** Fabia (99-07), Octavia (00-08) **Volkswagen** Lupo (98-05), Polo (98-07), Golf / Bora (97-08), Beetle (01-08) Caddy (99-08)
ENGINE CODE:	AFK, AHW, AJV, AKQ, APE, AQQ, AUA, AUB, AXP, ARC, ATN, AUS, AVY, AZD , ARR, BBY, BBZ, BCA, BKY, BAD, BCB





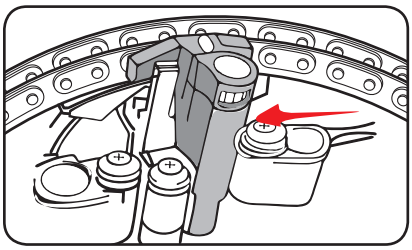
Petrol Engine Chain Tensioner Retainer

9AT1-A04

- Use to hold the chain tensioner in position when removing or installing timing chain
- Suitable for a variety of VAG chain drive engines

46.0 | 12 / 192

MODEL:	A3, A4, A6, A8, S3, S4, TT, etc
ENGINE CODE:	**Audi** AHA, AMB, AMU, APB, ART, ATC, ATQ, AWM, AWN, AWP, BBD, BCY, BEA, BEL, BFM **VW** AHA, APH, ATQ, AUG, AWM, AWP, AWV, BKF, BNU



VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT

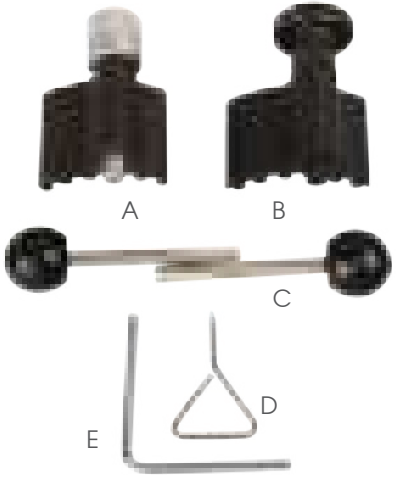
Diesel Engine Setting/Locking Tool (Belt Drive)

9AT2-C01

- The set includes crankshaft (oval/round), camshaft and tensioner locking pins
- Suitable for most of general VAG 1.4/1.9/2.0 TDi PD DOHC engines
- Also for Ford Galaxy models engine

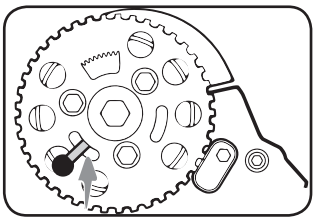
408.2 | 10 / 40

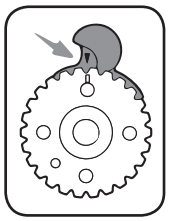
MODEL:	**Audi** A2 1.4 (02-06) A3 1.9/2.0 (02-08) A4 1.2 (02-05) A4 1.9/2.0 (02-05) A6 1.9 (20-05) **VW** Beetle 1.9 (02-08) Bora 1.9 (02-08) Fox 1.4 (02-08) Golf 1.9 (02-08) Lupo 1.4 (02-08) Polo 1.4/1.9 (02-08) Sharan 1.9 (20-08) Jetta 2.0 (03-) Passat 2.0 (03-) Touran 2.0 (03-) **Seat** Altea 1.9 (05-08) Leon 1.9/2.0 (05-08) Toledo 1.9 (05-08) **Skoda** Octavia II 2.0 (03-06) Fabia 1.4 (03-06)
ENGINE CODE:	**Audi** AMF, ASZ, ATD, AVB, AVF, AWX, AXR, AZV, BHC, BKC, BKD, BKE, BLB, BMN, BNA, BPW, BRB, BRC, BRD, BRE, BRF, BUY, BVA, BVF, BVG **VW** AJM, AMF, ANU, ARL, ASZ, ATD, AUY, AVB, AVF, AWX, AXR, BAY, BMS, BNM, BNZ, BWB **Seat** BJB, BKC, BLS, BMM, BXE **Skoda** AMF, AZV, BKD

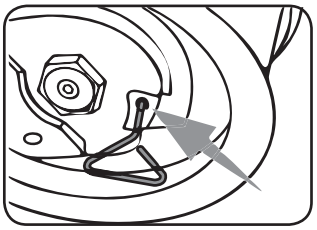


CONTENTS :

- A - crankshaft locking tool (silver / oval)
- B - crankshaft locking tool (black / round)
- C - camshaft locking pins (2 pcs)
- D - tensioner pulley locking pin
- E - auxiliary belt tensioner locking Pin







VAUXHALL/OPEL
Petrol Engine Setting & Locking Set

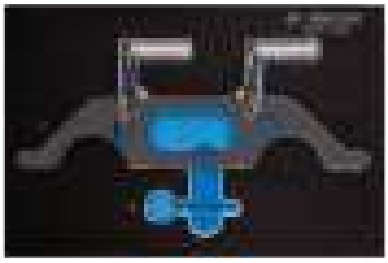
9AT1002E

- The set includes camshaft setting tool and tensioner retaining pin
- Suitable for Vauxhall / Opel & Fiat engine
- Use to lock the camshafts on the correct timing position

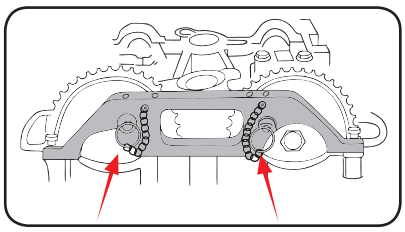
2 PC. | P | CHAIN

1510.0 | 1 / 10

MODEL:	**Petrol 2.2 16v. Twin Cams(Chain)** Astra-G (00-06) Astra-H (06-09) Speedster / VX220 (00-06) Vectra-B+C (00-08) Signum (03-08) Zafira-A+B (00-09)
ENGINE CODE:	Z22SE, Z22YH



CONTENTS :
- A - camshaft setting tool
- B - tensioner retaining pin



VAUXHALL/OPEL
Petrol Engine Setting & Locking Set

9AT1004E

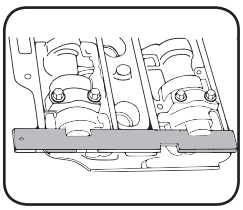
- The set includes camshaft setting plate, crankshaft locking pin, chain tensioner locking pin and also camshaft sensor aligning bracket
- The bracket is used to position the timing sensor disc on the inlet camshaft

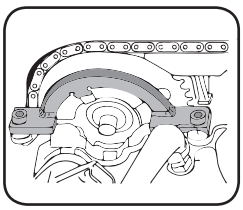
4 PC. | P | CHAIN

1316.5 | 1 / 10

MODEL:	**Petrol 1.0 / 1.2 / 1.4 Twin Cams (Chain)** Agila (00-08), Corsa-B (97-00), Corsa-C (00-07), Corsa-D(06-09), Combo-C (04-07), Tigra-B (04-09), Astra-G (98-06), Astra-H (04-09), Meriva (04-09)
ENGINE CODE:	**Petrol 1.0 / 1.2 / 1.4 Twin Cams (Chain)** **1.0 12v.** X10XE, Z10XE, Z10XEP **1.2 16v.** X12XE, Z12XE, Z12XEP **1.4 16v.** Z14XEL, Z14XEP

CONTENTS :
- A - camshaft sensor aligning bracket
- B - crankshaft locking pin
- C - camshaft locking tool
- D - tensioner retaining pin





VAUXHALL/OPEL

Petrol & Diesel Engine Tensioner Adjustement Wrench (Via Water Pump)

9AT1202

- The set includes 41mm and 46mm tension adjust wrench
- Suitable for Vauxhall / Opel and Chevrolet engine

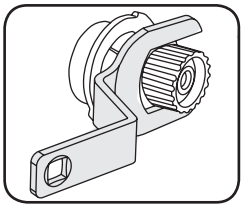
694.4 | 6 / 24

2 PC. | P | D | CHAIN

MODEL:

9AT1202 - A(46MM)
Petrol / 1.8 and 2.0 S.O.H.C
Astra F, Calibra, Frontera C18NZ, C20NE
Diesel / 1.6D and 1.7D
Astra, Cavalier, Vectra 16DA, 17D

9AT1202 - B(41MM)
Petrol / 1.2 / 1.4 / 1.6 S.O.H.C
Corsa B / C , Combo, Astra-F, Vectra-B
C12NE, X12SZ, C14NZ, X14NZ, C14SE
X14SZ, X16SZ, X16SZR, Z16SE



CONTENTS :
- A - tension adjustment wrench (46mm)
- B - tension adjustment wrench (41mm)

VAUXHALL/OPEL

Diesel Engine Setting & Locking Set

9AT2004E

- The set includes flywheel locking pin, camshaft setting tools, tensioner locking pin
- Use to retain timing position only. DO NOT use them to hold camshafts in position while releasing or tightening the sprocket bolt

1100.5 | 1 / 10

4 PC. | D | CHAIN

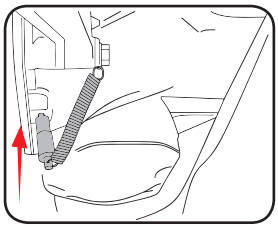
MODEL:

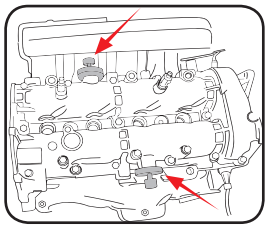
Diesel 1.3D CDTi (Chain)
Agila (03-08), Agila-B (08-09)
Corsa / Combo-C (03-09), Corsa-D (08-09)
Tigra-B(04-09), Meriva (04-09)
Astra-H (05-09)

ENGINE CODE:

Diesel 1.3D CDTi (Chain)
Z13DT, Z13DTH, Z13DTJ

CONTENTS :
- A - camshaft setting tool set (pair)
- B - flywheel locking pin
- C - tensioner retaining pin





VAUXHALL/OPEL
Diesel Engine Setting & Locking Set

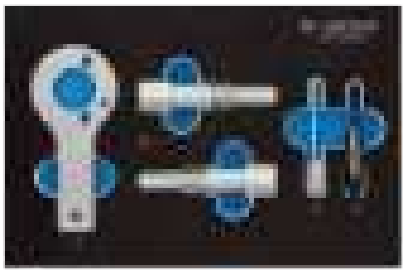
9AT2005E

- The set includes crankshaft locking tool, camshaft setting tools(pair) and a tensioner locking pin
- Suitable for Saab, Vauxhall / Opel engine
- Use to set and lock engines timing

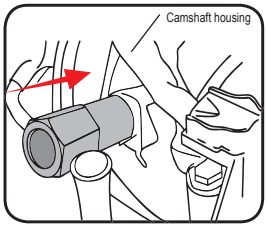
5 PC. | D | BELT

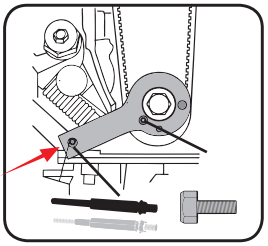
1295.0 | 1 / 10

MODEL:	**Diesel 1.9D CDTI / 2.0D CDTI(Belt)** Astra-H (04-09), Vectra-C(04-08) Signum (04-08), Zafira-B (05-09) Insignia (08-09)
ENGINE CODE:	**Diesel 1.9D CDTI / 2.0D CDTI(Belt)** **1.9CDTI** Z19DT, Z19DTH, Z19DTJ, Z19DTL **2.0CDTI** A20DT, LBS, A20DT, LBX, A20DT, LBY A20DT, LCD



CONTENTS :
- A&D - crankshaft locking tools
- B - camshaft setting tool (pair)
- C - tensioner locking pin





VAUXHALL/OPEL
Diesel Engine 2.0 / 3.0 Timing Set

9AT2007E

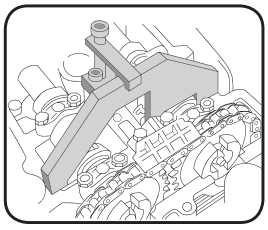
- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

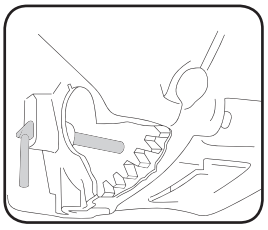
7 PC. | D | CHAIN

1752.5 | 1 / 10

MODEL:	**Diesel (Chain)** Omega-B(01-03)
ENGINE CODE:	**Diesel (Chain)** Y25DT

CONTENTS :
- A – camshaft setting plate
- B – camshaft plate locking tool
- C – tdc timing pin
- D – tensioner retaining pin set (pair)
- E – flywheel locking pin





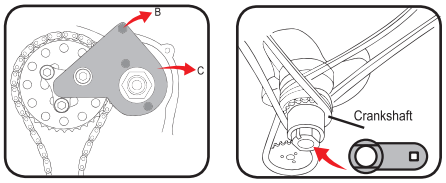
VAUXHALL/OPEL
Diesel Engine Setting & Locking Set

9AT2008E

- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

2375.5 g | 1 / 5

MODEL:	Vivaro (07-08)
ENGINE CODE:	**M9R** 780/782/784



D | CHAIN | 8 PC.

CONTENTS :
- A&H – camshaft gear alignment tool
- B&C – camshaft setting plate
- D – crankshaft locking pin
- E – auxiliary belt tensioner locking pin
- F – crankshaft pulley holding tool
- G - chain tensioner locking pin

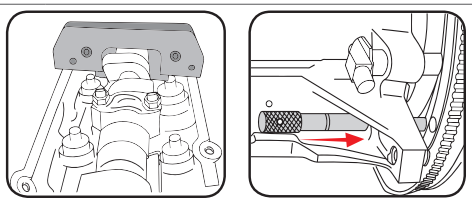
VAUXHALL/OPEL
Diesel Engine 2.5TDS Timing Set

9AT2106E

- The set includes camshaft setting plate , tensioner lever , tensioner retaining pin , flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engines
- Use to retain and support the sprocket and timing chains in position when the pump is removed

2480.0 g | 1 / 5

MODEL:	Omega-B (94-01)
ENGINE CODE:	**2.5D Turbo (Chain)** X25DT



D | CHAIN | 6 PC.

CONTENTS :
- A – camshaft setting plate
- B – tensioner lever
- C – flywheel locking pin
- D – tensioner retaining pin
- E – pump remove & sprocket retainer (2 part)

Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/Peugeot, Vauxhall/Opel

112.2 g | 12 / 120

MODEL:	**2.5D / 2.8D** Arena (97-01) Movano (98-03)
ENGINE CODE:	**S8U** 770, 772 **S9W** 700, 702

A B C

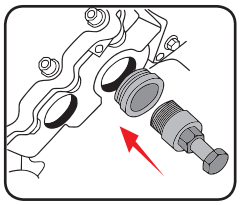
D | BELT

CONTENTS :
- A – TDC timing pin
- B – flywheel locking pin (2pc)
- C – tensioner retaining tool

Diesel Injection Pump Puller

9AT2-D01

- Specifically designed for holding the sprocket / chain in place when disassembling the VP44 injection pump and high pressure pump
- Common rail fits BMW engines



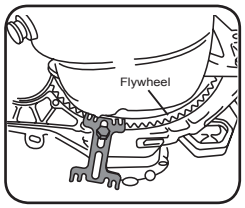
528.0 / 6 /36

MODEL:	Omega - B (01-03)
ENGINE CODE:	Y25DT

Petrol Engine Flywheel Holding & Locking Tool

9AT2-E01

- Use to remove the crankshaft pulley while replacing the timing belt
- Put into the teeth firstly, fix steadily on the housing according to manufacturer's guidelines



38.8 / 20 / 100

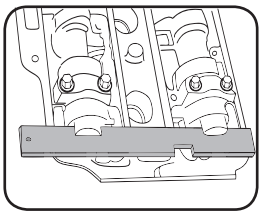
MODEL:	Astra (86-91) Astra-F + G (91-98) Ascona-C / Cavalier (86-88) Vectra A (89-95)
ENGINE CODE:	16DA, 17D, 17DR, 17DTL

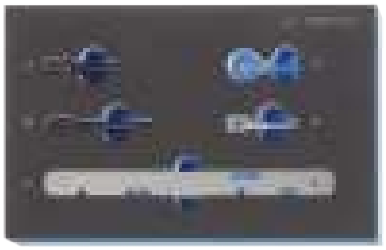
VOLVO

Petrol Engine Timing Locking Set

9AT1005E

- The set includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application





CONTENTS :
- A - crank TDC location pin
- B - crank TDC location pin
- C - camshaft setting plate
- D - timing belt tensioner locking pin
- E - crank holding tool (+crank pulley bolt tightening)

1051.0 / 1 / 10

MODEL:	**1.6 / 1.8 / 2.0 16v. Twin Cam (Belt / Chain)** S40 / V50 (04-09) C30 (06-09)
ENGINE CODE:	**1.6 / 1.8 / 2.0 16v. Twin Cam (Belt / Chain)** **1.3 16v** B4164S3(Belt) **1.8 16v** B4184S11(Chain) **2.0 16v** B4204S3(Chain)

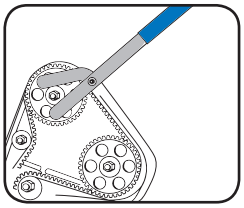
UNIVERSAL

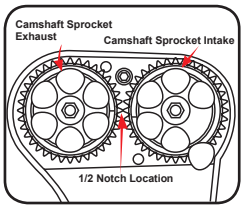
Camshaft & Injection Pump Sprocket Holding Tool

9AT3-A01

- Use to counter hold camshaft or injection pump sprocket to release the retaining bolt
- For universal diesel and petrol engine

911.6 / 6 / 24





UNIVERSAL
Universal Camshaft Pulley Holding Wrench

9AT3-A02

- Use to hold camshaft pulley while loosening and tightening cam sprockets center bolt
- Designed with 4 pair groove pins 7, 10, 14, 16mm
- Adjustable swivel jaw both side application for most engine
- Capacity : 40 ~ 140mm (1-1/2" ~ 8-5/8")
- For universal engine, especially O.H.C. overhead cam engines cars

1000.0 / 1 / 6

9 PC.

UNIVERSAL
Camshaft Sprocket Puller

9AT3-A04

- Use to hold and remove the camshaft sprocket without damaging the sprocket
- Use with 3/8" square drive tool or 19mm wrench
- Suitable for most sprockets from Ø60 to Ø100 mm

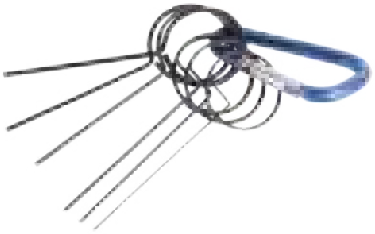
KT NO.	Capacity mm		
9AT3-A04	60~100	1437	12 / 12

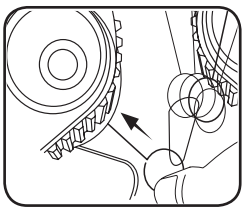
UNIVERSAL
Belt Tensioner Lock Pin Set

9AT3-B01

- Designed for retaining tensioner plunger in fixed position while replacing timing belt
- Suitable for common vehicle and engine

17.2 / 20 / 100





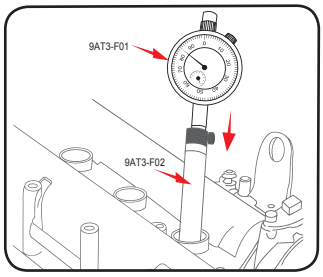
CONTENTS :
- 0.79mm / .0310"
- 1.21mm / .0476"
- 1.41mm / .0560"
- 1.51mm / .0594"
- 1.71mm / .0670"
- 1.92mm / .0760"

UNIVERSAL
Dial Test Indicator

9AT3-F01

- Use to measure and accurately find the piston TDC position
- This tool has to use with TDC Indicator 9AT3-F02
- It can be used for mechanical circularity, flatness.....etc

63.0 / 1 / 100

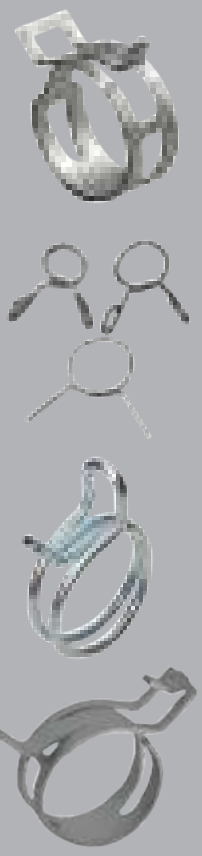


UNIVERSAL
TDC Indicator

9AT3-F02

- Use to measure if the cylinder piston is at TDC position
- This tool has to use with Dial Test Indicator 9AT3-F01

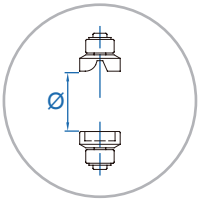
292.4 / 30 / 30

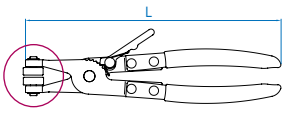
Hose Clamp	KT Item	Suitable Car Brand
 Hose Clamp	9AA11 9AA13 9AA16 9AA21 9AA31 9AA32	**Universal** VW(Intake), VW, Audi, Opel, Honda, Ford
Hose Clamp	9AA17	VW, Audi, Seat, Skoda, Lamborghini
CLIC Clamp CLIC-E Clamp CLIC-R Clamp CLIC-GR Clamp	9AA15 9AA25	VW, Audi, Citroen/Peugeot, Fiat, Mercedes-Benz, Opel, Renault, Ford, Volvo
Screw Clamp Worm Drive Clamp	1453-05 / 1453-06 / 1453-07 1453-08 / 1453-10	Universal

Straight Hose Clamp Pliers

9AA11

- Use to remove and install spring clamp
- Swivel V-shaped jaws
- Suitable for universal cars, especially VW, Audi, Opel, Honda, Ford



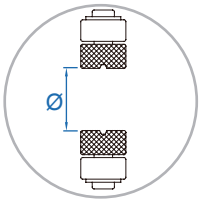


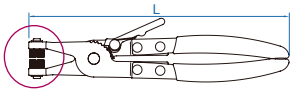
KT NO.	Ø mm	L inch	L mm	g	
9AA11	55	8-21/32	220	220.1	12 / 72

Wire Hose Clamp Pliers

9AA13

- Use to remove and install wire clamp
- Swivel jaws
- Suitable for universal cars, especially Corbin heater hose



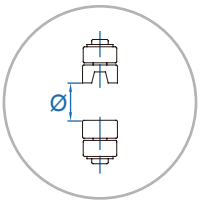


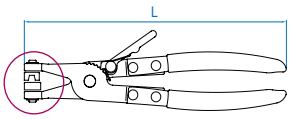
KT NO.	Ø mm	L inch	L mm	g	
9AA13	51	8-21/32	220	238.4	12 / 72

Flat Band Hose Clamp Pliers

9AA16

- Use to remove and install spring clamp
- Swivel concave jaws
- Suitable for universal cars, especially VW, Audi, Opel, Honda, Ford



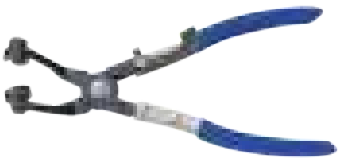
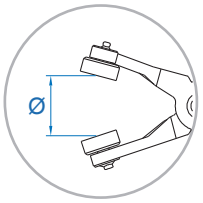


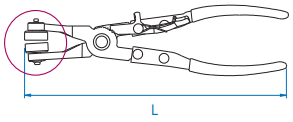
KT NO.	Ø mm	L inch	L mm	g	
9AA16	60	8-21/32	220	213.0	12 / 72

Curved Hose Clamp Pliers

9AA21

- Use to remove and install spring clamp
- 45° swivel concave jaw with greater access in confined spaces
- Suitable for universal cars, especially VW, Audi, Opel, Honda, Ford

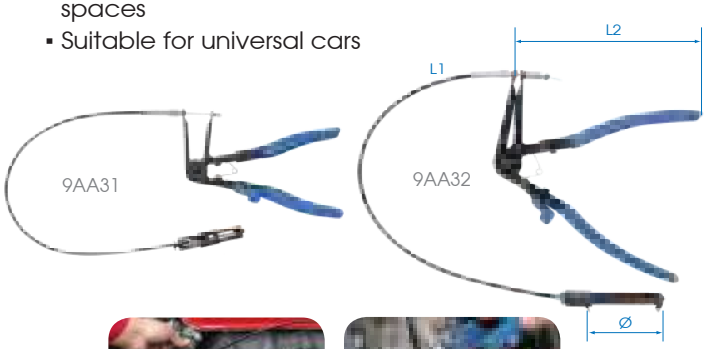


KT NO.	Ø mm	L inch	L mm	g	
9AA21	53	8-21/32	220	224.0	12 / 48

Flexible Hose Clamp Pliers

9AA31 | 9AA32

- Use to remove and install spring clamp
- Flexible flat jaw with greater access in confined spaces
- Suitable for universal cars

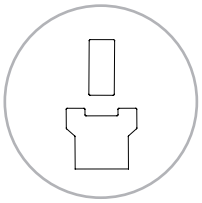


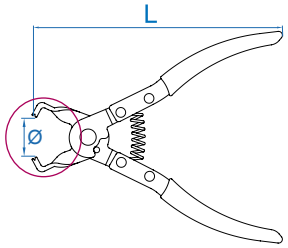
KT NO.	Ø mm	L 1 inch	L 1 mm	L 2 inch	L 2 mm	g	pcs / box
9AA31	53	25	630	9	225	528.0	12 / 36
9AA32	77	27-1/4	700	12	310	755.6	6 / 24

Fuel Line Hose Clamp Pliers

9AA17

- Use to remove and install fuel line clamp
- Special pick jaws
- Suitable for VW, Audi, SEAT, Skoda



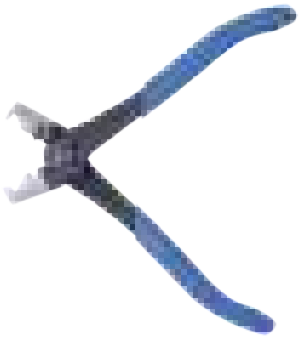


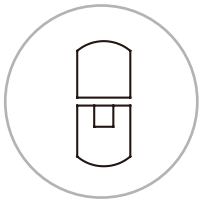
KT NO.	Ø mm	L inch	L mm	g	pcs / box
9AA17	27	6-3/4	171	188	12 / 60

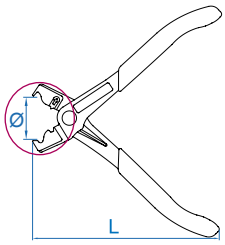
CLIC Hose Clamp Pliers

9AA15

- Use to remove and install CLIC and CLIC-R clamp
- Special-designed jaws
- Suitable for VW, Audi, Opel, Citroen, Peugeot, Fiat, Renault, Mercedes-Benz





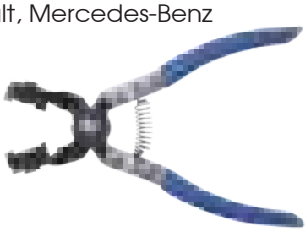


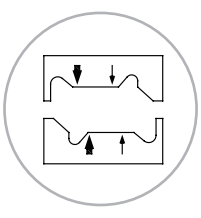
KT NO.	Ø mm	L inch	L mm	g	pcs / box
9AA15	36	5-19/32	142	222.6	12 / 72

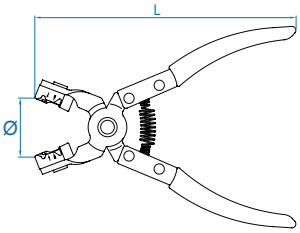
360° CLIC Hose Clamp Pliers

9AA25

- Use to remove and install CLIC and CLIC-R clamp
- 360° swivel angle
- Suitable for VW, Audi, Opel, Citroen, Peugeot, Fiat, Renault, Mercedes-Benz







KT NO.	Ø mm	L inch	L mm	g	pcs / box
9AA25	32	7	175	224.0	12 / 72

Hose Clamp Pliers Set

9AA01

- Applicable to most hose clamps of flat band, worm drive and Clic type
- Use for removing and installing common hose clamp type
- The set includes KT items:
  9AA13 - Wire Hose Clamp Pliers
  9AA16 - Flat Band Hose Clamp Pliers
  9AA17 - Fuel Line Pliers
  9AA21 - Curved Hose Clamp Pliers
  9AA25 - 360° CLIC Hose Clamp Pliers
  9AA31 - Flexible Hose Clamp Pliers
  1453 - Flexible Hex Nut-Driver (05,06,07,08,10mm)

3680.0 / 1 / 5

Fuel Line Pliers

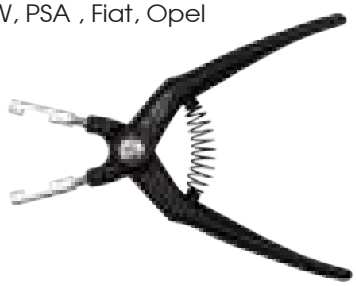
9AB11

- Improved type can also use for fuel lines with plastic snap-together connectors
- Use for VW-Audi, Fiat, GM, Opel/Vauxhall, Mercedes-Benz

KT NO.	L inch	L mm		
9AB11	9	228	312.0	12 / 72

9AB12

- For removal and replacement of the connections on the in-line fuel filter
- Use for VW, PSA , Fiat, Opel

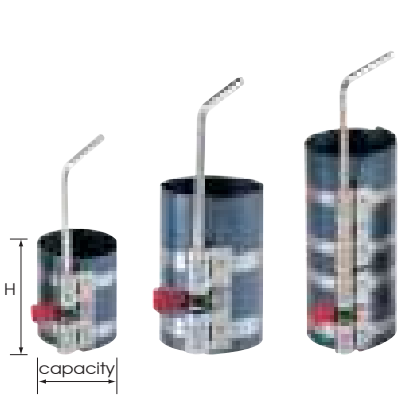


KT NO.	L inch	L mm		
9AB12	6	150	87.0	12 / 144

Piston Ring Compressor

9AC

- The square adjustment key wrench forces the rings into the grooves and the clutch prevents it from expanding

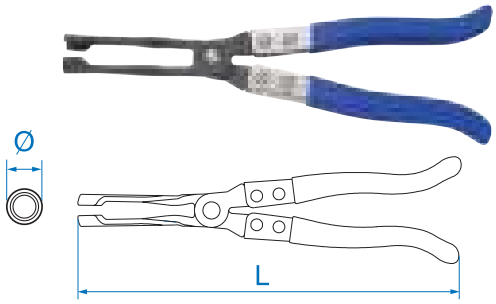


KT NO.	H inch	H mm	Ø Capacity inch	Ø Capacity mm	g	
9AC125-32	3-1/4	80	2-1/4~5	57~125	260.0	20 / 60
9AC125-40	4	100	2-1/4~5	57~125	280.0	20 / 60
9AC175-32	3-1/4	80	3-1/2~7	90~175	300.0	20 / 60
9AC175-40	4	100	3-1/2~7	90~175	320.0	20 / 60
9AC175-66	6-3/4	165	3-1/2~7	90~175	530.0	20 / 60

Valve Stem Seal Pliers

9AD11

- For removing valve stem seals in multi-valves engine
- Jaw longitudinal toothed - avoids slipping down
- For deeply leveled valve stem seals

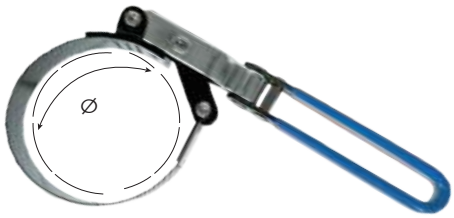


KT NO.	L inch	L mm	Ø mm	g	
9AD11	11	275	9.5	400.0	12 / 48

Swivel Oil Filter Wrench

9AE31

- Professional swivel PVC dipped handle
- Easy to bend in different positions for reaching into narrow spaces

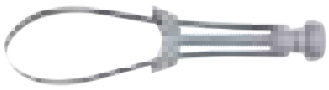


KT NO.	Ø Capacity mm	g	
9AE31-73	60~73	274.8	6 / 36
9AE31-85	73~85	283.4	6 / 36
9AE31-95	85~95	300.0	6 / 36
9AE31-111	95~111	306.8	6 / 36
9AE31-121	110~121	309.0	6 / 36
9AE31-134	120~134	321.6	6 / 36

Band Type Oil Filter Wrench

9AE32

- Adjustable metal band
- Suitable for filters between Ø65mm to Ø155mm



KT NO.	Ø Capacity mm	g	
9AE32-110	65~110	246.0	25 / 50
9AE32-155	110~155	251.6	25 / 50

Quick Grip Oil Filter Wrench & Set

9AE33

- Quick-adjustable tightening design
- Band type allows for narrow space
- Non-slip reaction teeth provides better grip
- 9AE33-110: Suitable for 65~110mm oil filters
- 9AE33-155: Suitable for 110~155mm oil filters

KT NO.	Ø Capacity mm	g	
9AE33-110	65~110	305.4	25 / 50
9AE33-155	110~155	311.0	25 / 50

9AE33-110-S

6 PC.

KT NO.	Contents	kg	
9AE33-110-S	9AE33-110	2.70	1 / 2

9AE33-155-S

6 PC.

KT NO.	Contents	kg	
9AE33-155-S	9AE33-155	2.70	1 / 2

Strap Wrench

3203

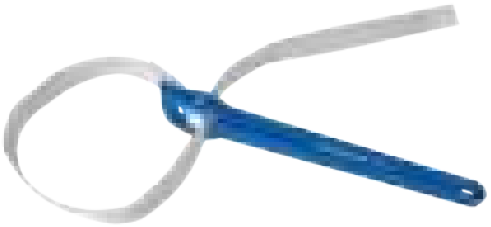
- Strap wrench for oil filter

KT NO.	Capacity mm	Overall length inch	Overall length mm	g	
3203	Ø 60~140	8-3/4	223	242.0	50
320300	strap			46	80
3203A0	Ø 60~260	8-3/4	223	300.0	45
320300	strap			73	80

Strap Wrench

320670

- Aluminum alloy handle and strong nylon strap for tight grip
- Suitable for oil filter or any polished pipe



Serrated makes grip tight

KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
320670	12	295	Ø 60~180	343.8	50
320600		nylon strap		34.6	50

320760

- Strap wrench for oil filter
- Use with 1/2" square drive tool

KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
320760	11	280	Ø 60~160	255.5	12 / 72

Chain Wrench

3204

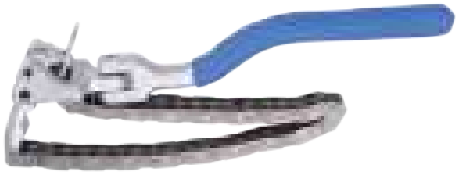
- Chain wrench for oil filter

KT NO.	Capacity mm	Overall length inch	Overall length mm	g	
3204	Ø 60~140	8-3/4	225	359.0	50

Chain Wrench

3205

- Heavy duty oil filter chain wrench, specially for auto, truck and agricultural equipment
- Flexible in confined space
- Suitable for all types of oil filters



• Adjust to appropriate size of the oil filter.

• Release the chain to reinstate it.

Swiveling

KT NO.	Capacity mm	Chain length mm	g		
320540	Ø 60~105	350	742.0	6 / 24	
320560	Ø 60~160	520	880.0	6 / 24	

Cup Type Oil Filter Wrench

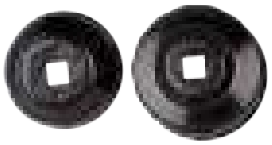
9AE1

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters

KT NO.		g	
9AE1-6414	64mm(2-1/2)-14 flutes TOYOTA 4 Cylinder (1800CC.2000CC) ,ALLION, AURIS, COROLLA AXIO, ISIS, IST, COROLLA RUMION, COROLLA FIELDER, NOAH, PREMIO, PRIUS, VOXY, WISH, etc…	164.2	12 / 72

9AE6

- 1/2" square drive
- Withstands up to 115.2 Nm(85 ft.lbs)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters



KT NO.		g	
9AE6-6514A	65mm(2-9/16")- 14 flutes Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc…	112	12 / 72
9AE6-7414	74mm(2-29/32")-14 flutes Audi, Volkswagen, BMW, Citroën, Peugeot, Ford, Fiat, Lancia, Mazda, Mercedes-Benz, Nissan, Vauxhall, Opel, Porsche, Renault, Suzuki, Toyota, etc...	152.8	12 / 72
9AE6-8414	84 mm(3-3/10")-14 flutes Mercedes Benz V6/V8 CDi models, etc…	194.2	12 / 72

Cup Type Oil Filter Wrench Set

9AE2002

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs.)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters

2 PC.

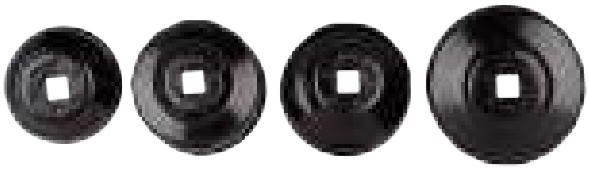
KT NO.	Applicable models	g 282.0	1 / 40
9AE2-6514	65mm(2-9/16")- 14 flutes Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc…		
9AE2-6567	65 & 67mm(2-9/16" & 2-21/32")–14 flutes Fits same filters as made in Canada including, PH4386, PH4967, PH6017, PH6018, Daihatsu, Toyota, etc…		

Cup Type Oil Filter Wrench Set

9AE2004

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters

4 PC.



KT NO. | 571.0 | 1 / 20

9AE2-6606	66 mm(2-19/32")-6 flutes Fiat (Punto, 1.2), Renault (Clio1.2 Express, Kangoo, Rapid, Twingo), etc…
9AE2-7608	76mm(3")-8 flutes Fiat (z.B. Marea), Lancia (z.B. Delta), etc…
9AE2-7614	76mm(3")-14 flutes Fits Champion, Champ Lee, Purolator, Mopar, VW, Porsche, Mercedes-Benz, BMW, Audi (I.B.A3TD) Opel, etc…
9AE2-9315	93mm(3-21/32")-15 flutes Fits Casite, Champ, Champion, GM, Fram, Hastings, Opel, Mazda, Volvo, Mitsubishi, Purolator, Wix, Nissan, VW, Porsche, Renault, Ford, Honda, Audi, etc…

9AE6002

- 1/2" square drive
- Withstands up to 115.2 Nm(85 ft.lbs.)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters

2 PC.

KT NO. | Applicable models | 282.0 | 1 / 40

9AE6-6514	65mm(2-9/16")- 14 flutes Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc…
9AE6-6567	65 & 67mm(2-9/16" & 2-21/32")–14 flutes Fits same filters as made in Canada including, PH4386, PH4967, PH6017, PH6018, Daihatsu, Toyota, etc…

Cup Type Oil Filter Wrench Set

9AE2016

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs.)
- Coated with electro-black oxide finish for protection against rust
- 1 PC. 1/2"(F)x3/8"(M) adapter
- 1 PC. 3 legged oil filter wrench(63-102mm)

16 PC.

KT NO.	4.0	1 / 5
9AE2-6606	66mm(2-19/32")-6 flutes Fiat(Punto, 1.2), Renault(Clio 1.2 Express, Kangoo. Rapid. Twingo), etc....	
9AE2-7476	74 & 76mm(2-29/32" & 3")-15 flutes Fits Fram, AC, Saturn, Opel, VW, Audi, Mercedes, etc....	
9AE2-7608	76mm(3")-8 flutes Fiat(z.B. Marea), Lancia(z.B. Delta), etc....	
9AE2-7612	76mm(3")-12 flutes Fiat(z.B. Ducato, Scudo, Ulysee),Renault, (Megane, Laguna, Espace III.), etc....	
9AE2-7614	76mm(3")-14 flutes Fits Champion, Champ Lee, Purolator, Mopar, VW, Porsche,Mercedes, BMW, Audi, Toyota, Opel, etc....	
9AE2-8616	86mm(3-3/8")-16 flutes Volvo(S40, S60, S70, S80) etc....	
9AE2-8618	86mm(3-3/8")-18 flutes VW. Golf.(MKIII. Tdi, Passat Tdi), Audi A6 Tdi, Renault(Clio, Rapid 1.9D, Laguna.Safrane. Espace 2.1D). Citroen, Peugeot, Renault, etc..	
9AE2-9210	92mm(3-40/64")-10 flutes Fiat, Cinquecento, Coupe, Croma, DAF, Fiat, Panda. Regata, Ritmo Fiat, Seicento. Tempra, Tipo, Lancia(Beta. Dedra. Kappa. Monte. Carlo. Prisma. Thema. Trevi), etc....	
9AE2-9315	93mm(3-21/32")-15 flutes Fits Casite, Champ, Champion, GM, Fram, Hastings,Purolator, Wix, Nissan, Volvo, Mazda, Audi, VW, Porsche, Renault, etc....	
9AE2-9345	93mm(3-21/32")-45 flutes VW-Audi.(TDi 2.4, 2.6, 2.8L), etc....	
9AE2-9618	96mm(3-3/4")-18 flutes Audi(A4 Tdi, VW Passat,97 Tdi), Renault (Laguna 2.2d. Safrane2.2D. Espace 2.2D. R19 2.2D. Rapid, Megane,1.9/2.1D. Tdi) etc..	
9AE2-10615	106mm(4-11/64")-15 flutes Fiat(Ducato 2.5D. Td), etc....	
9AE2-10815	108mm(4-8/32")-15 flutes Volvo(C70. S70. V70. Tdi. TD)(850 Tdi. TD) etc....	
9AE2-10818	108mm(4-8/32")-18 flutes Renault(Espace, Laguna, Master, Safrane, Traffic 2.4, 2.5, 2.8D. TD), etc....	
9AE423	3 legged oil Filter Tool 63-102mm(2-1/2" to 4")	
9AE221	1/2" drive adaptor 1/2" F x 3/8" M	

Cup Type Oil Filter Wrench Set

9AE6030

- 1/2" square drive
- Withstands up to 115.2 Nm(85 ft.lbs.)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters
- Suitable for 3/8" or 1/2" drive tool

30 PC.

KT NO. | 6.67 kg | 1 / 3

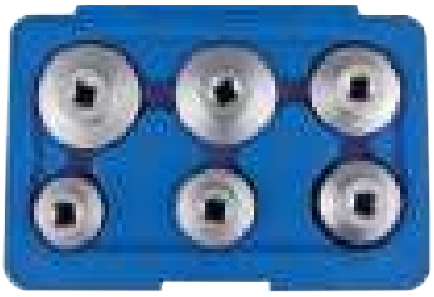
9AE6-6514	65mm(2-9/16")- 14 flutes Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc…
9AE6-6567	65 & 67mm(2-9/16" & 2-21/32")–14 flutes Fits same filters as made in Canada including, PH4386, PH4967, PH6017, PH6018, Daihatsu, Toyota, etc…
9AE6-6606	66 mm(2-19/32")-6 flutes Fiat (Punto, 1.2), Renault (Clio1.2 Express, Kangoo. Rapid. Twingo), etc…
9AE6-6814	68mm(2-11/16")-14 flutes Fits Hastings, Mazda, Ford Escort, Capri, Subaru, Fran, PH6607 (Those Fram Filters Made in Korea), Motorcraft, FL816, etc…
9AE6-7314	73mm(2-7/8")-14 flutes Fits Toyota/Lexus, etc…
9AE6-7415	74mm(2-29/32")-15 flutes MF, Audi (#056-115-561g), GM. Rover, Chrysler, etc…
9AE6-7476	74 & 76mm(2-29/32" & 3")-15 flutes Fits Fram, AC, Saturn, Opel, VW, Audi, Mercedes, etc…
9AE6-7577	75 & 77mm(2-15/16" & 3-1/32")-15 flutes Fits VW, Audi, Casite, GM/AC, Hastings, Wix, NAPA, Ford, Isuzu, Mercedes, Opel, etc…
9AE6-7608	76mm(3")-8 flutes Fiat (z.B. Marea), Lancia (z.B. Delta), etc…
9AE6-7612	76mm(3")-12 flutes Fiat (z.B. Ducato, Scudo, Ulysee), Renault, (Megane, Laguna, Espace III), etc…
9AE6-7614	76mm(3")-14 flutes Fits Champion, Champ Lee, Purolator, Mopar, VW, Porsche, Mercedes, Benz, BMW, Audi (I.B.A3TD) Opel, etc…
9AE6-7630	76mm(3")-30 flutes Fits Motorcraft only-FL400A, Ford, etc…
9AE6-7815	78mm(3-2/32")-15 flutes Nissan (#15028H8991), Ford, Toyota, Honda (Accord), etc…
9AE6-8015	80mm(3-9/64")-15 flutes Fits Opel, Hastings, Fram, Purolator, Nissan, Honda, Motorcraft, Mazda, Isuzu, Subaru filters.
9AE6-8082	80 & 82mm(3-9/64" & 3-7/32")-15 flutes Fits Wix Filters. Branded for:Mazda,Subaru,Toyota,Honda,Acura,Nissan,NAPA.Etc…
9AE6-8616	86mm(3-3/8")-16 flutes Volvo (S40, S60, S70, S80), etc…
9AE6-8618	86mm(3-3/8")-18 flutes VW. Golf. (MKIII. TDi, Passat TDi), Audi A6 TDi, Renault (Clio, Rapid1.9D, Laguna, Safrane, Espace 2.1D), Citroen, Peugeot, Renault, etc…
9AE6-9015	90mm(3-17/32")-15 flutes Fits Honda (Accord). Mitsubishi. Mopar. Isuzu, etc...
9AE6-9210	92mm(3-40/64")-10 flutes Fiat, Cinquecento, Coupe, Croma, DAF, Fiat, Panda, Regata, Ritmo Fiat, Seicento. Tempra, Tipo, Lancia (Beta. Dedra. Kappa. Monte. Carlo. Prisma. Thema. Trevi), etc…
9AE6-9315	93mm(3-21/32")-15flutes Fits Casite, Champ, Champion, GM, Fram, Hastings, Opel, Mazda, Volvo. Mitsubishi, Purolator, Wix, Nissan, VW, Porsche, Renault, Ford, Honda, Audi, etc…
9AE6-9336	93mm(3-21/32")-36 flutes Fits Ford, Motorcraft only-FL1A, (FLA1B, FL300, FL820 Ford), etc…
9AE6-9345	93mm(3-21/32")-45 flutes VW-Audi, (TDi 2.4, 2.6, 2.8L), etc…
9AE6-9515	95mm(3-6/8")-15 flutes Toyota (#15600-41010) Alfa Romeo, GM, Ford, Chrysler.
9AE6-9618	96mm(3-3/4")-18 flutes Audi (A4.A6, TDi), VW (Passat 97 TDi), Renault (Laguna 2.2D, Safrane2.2D. Espace2.2D.R19 2.2D. Rapid. Megane, 1.9/2.1D.TDi), etc…
9AE6-10015	100mm(3-15/16")-15 flutes Fits Fram, Motorcraft, Wix, Isuzu, Mitsubishi, etc…
9AE6-10615	106mm(4-11/64")-15 flutes Fiat (Ducato 2.5D.Td), etc…
9AE6-10815	108mm(4-8/32")-15 flutes Volvo (C70.S70.V70.TDi.TD) (850 TDi. Turbo Diesel)
9AE6-10818	108mm(4-8/32")-18 flutes Renault (Espace, Laguna, Master, Safrane, Traffic 2.4 , 2.5, 2.8D. TD), etc…
9AE433	3 legged oil Filter Tool 65-120mm (2-9/16" to 4"-23/32")
9AE221	Adaptor 3/8"or 1/2"Drive Tool

Oil Filter Socket Set

9AE8006

- 3/8" square drive
- The set includes sizes 24, 27, 30, 32, 36 and 38mm
- 6 PC. oil filter sockets designed for removal of oil filter canisters and covers

6 PC.



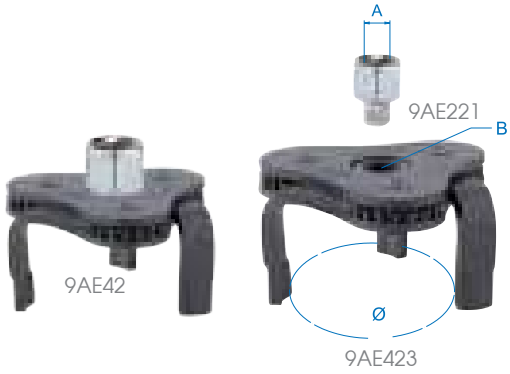
KT NO.	Kg 1.11 12 / 24
9AE8-24	Audi BMW: 5 / 7 Series (N62) V8 engines from 2004 onward Cadillac: ATS 36
9AE8-27	BMW, Ford, Fiat, GM, Renault, VAG, PSA Mercedes-Benz: A-CLASS Nissan: 1.5 / 1.9 / 2.2 / 2.5 dCi engines
9AE8-30	Audi, Skoda, Seat, VW
9AE8-32	GM, VAG BMW: 335D, X5 35d(09~10), X5 xDrive 35d(11~13) Opel / Vauxhall: Astra-G, Corsa-B, Zafira
9AE8-36	Audi: A3 2.0(04~08), A4 2.0(04~08) BMW: M52, M54, M60, M62, M70 & M73 engines Ford: Mondeo 2.0D 16V Dura Torq engines, Transit 2.5 & 2.0 diesel engines Jaguar: 2.2D engines Mercedes-Benz: 116MB engine Vito CDi Mini: R56 Opel / Vauxhall: Omega DL 16V, Vectra 2.0, Zafira VAG: VAG 1.9 SDi (ASY), Golf GTI 2.0, Passat 2.0, VR6 Volvo
9AE8-38	BMW, Volvo Opel / Vauxhall: Vectra 2 liter diesel engines

Three-Legs Oil Filter Wrench

9AE42

- The claw-type filter is available for removing all oil filters from 2-1/2" to 4" (63-102mm) in diameter
- Suitable for 3/8" or 1/2" square drive tool
- Coated with electro-black oxide finish for protection against rust
- CW & CCW direction

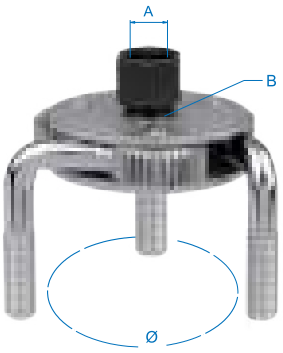
KT NO.	A inch	B inch	Ø Capacity inch	Ø Capacity mm	g	
9AE42	1/2	3/8	2-1/4~4	63~102	395.0	12 / 48
9AE221	1/2	3/8	-	-	39.0	-
9AE423	-	3/8	2-1/2~4	63~102	356.0	12 / 48
9AE433	-	3/8	2-9/16~4-23/32	65~120	501.6	12 / 36



9AE43

- The claw-type filter is available for removing all oil filters from 3" to 4-3/4" (75-120mm) in diameter
- Suitable for 3/8" or 1/2" square drive tool
- Heavy duty design
- CW & CCW direction

KT NO.	A inch	B inch	Ø Capacity inch	Ø Capacity mm	g	
9AE43	1/2	3/8	3~4-3/4	75~120	603.5	1 / 36

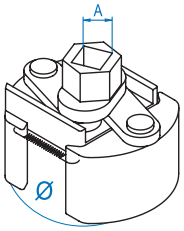


Two Jaws Oil Filter Wrench

9AE52

- The claw-type filter is available for removing all oil filters from 2-3/8" to 3-1/8" (60-80mm) in diameter
- Suitable for useing with 1/2" square drive tool
- Lost wax coating with electro-black oxide finish for protection against rust
- Specially teeth designed steel jaws

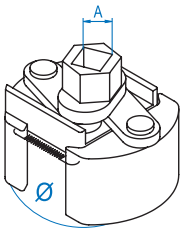
KT NO.	A inch	Ø Capacity inch	Ø Capacity mm	g	
9AE52	1/2	2-3/8~3-1/8	60~80	470.0	12 / 48



9AE53

- The claw-type filter is available for removing all oil filters from 2-3/8" to 4-1/2" (60-115mm) in diameter
- Suitable for using with 3/8" & 1/2" square drive tool
- Coated with electro-black oxide finish for protection against rust

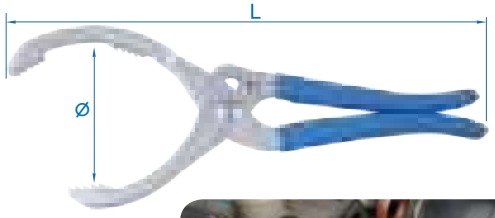
KT NO.	A inch	Ø Capacity inch	Ø Capacity mm	g	
9AE53-80	3/8	2-3/8~3-1/8	60~80	375.0	6 / 36
9AE53-115	1/2	3-1/8~4-1/2	80~115	667.0	6 / 24



Adjustable Oil Filter Pliers

9AE71

- Adjustable sizes from 60 to 140mm
- Serrated jaws



KT NO.	L inch	L mm	Ø Capacity mm	g	pc/box
9AE71-90	9	230	60-90	357.2	12 / 72
9AE71-115	10	260	85-115	400.4	12 / 60
9AE71-140	14-1/2	365	100-140	897.4	1 / 20

Locking Grip Oil Filter Pliers

9AE72

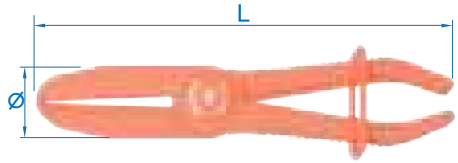
- Lock and grip oil filters or any irregular shaped object for quick tightening or removal
- Use for adjusting and fastening at any angle

KT NO.	L inch	L mm	Ø Capacity mm	g	pc/box
9AE72	10	254	53-118	458	12 / 48

Hose Pinch & Set

9AF11

- Adjustable edges ensure no damage to hose
- For hoses from Ø15 mm up to Ø60 mm
- Suitable for clamping radiator, heater, fuel, coolant and brake hoses



KT NO.	L inch	L mm	Ø Capacity mm	g	pc/box
9AF11-15	6-1/8	155	22.4	43.8	12 / 48
9AF11-30	7-9/32	185	35.4	75.6	12 / 48
9AF11-60	10	253	65.2	125.2	12 / 48

9AF113

- Adjustable edges ensure no damage to hose
- For hoses from Ø15 mm up to Ø60 mm
- Suitable for clamping radiator, heater, fuel, coolant and brake hoses

244.4 g | 12 / 48 pc/box

3 PC.

9AF11-60

9AF11-30

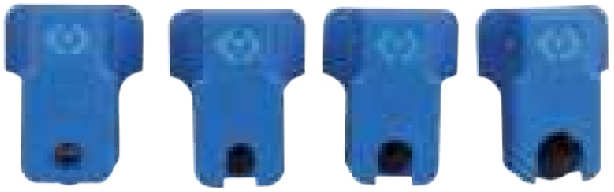
9AF11-15

Steel Line Stopper Set

9AF204

- Use to prevent fluid leaks and contamination
- Spring loaded design for stopping the flow of fuel / brake fluid of car pipe
- Capacity :
  Banjo, 5/16"(8mm), 3/8"(9.5mm), and 1/2"(12.7mm)

156 24 / 48



4 PC.

Fuel Gauge & Pump Sender Collar Wrench

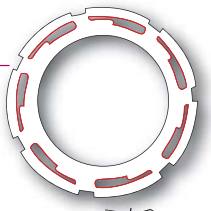
9AG11

- Use for removing and fitting fuel gauge sender collars to avoid damage
- 3 jaws to ensure high torque and no risk to damage plastic collar
- Use with 19mm wrench or socket
- Suitable for most collars from 89 to 170mm

KT NO.	Ø mm		
9AG11	89~170	1050.0	1 / 12

9AG12

- Use for removing and fitting fuel gauge sender collars to avoid damage
- 4 pins to ensure high torque and no risk to damage plastic collar
- Suitable for BMW F01/F02/F25, X3 etc…



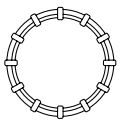
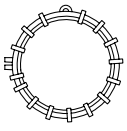
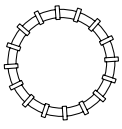
KT NO.		
9AG12	1050.0	1 / 12

Adjustable Fuel Tank Lid Remover

9AG13

- Use for removing and fitting fuel gauge sender collars to avoid damage
- Special jaws design, no risk to damage plastic collar
- Use with 3/8" DR.
- Suitable for collars from 122 ~ 199mm

560.0 1 / 24

BMW BENZ VW . AUDI BENZ . BMW

Diesel Injector Extractor Tool

9AN021

- Use to remove injectors without dismantling the engine
- Suitable for Bosch injectors in Mercedes-Benz CDI engines 2.1 L and 2.2 L
- Application : Benz for Vito, Sprinter, Viano, C class, E class, CLC, CLK

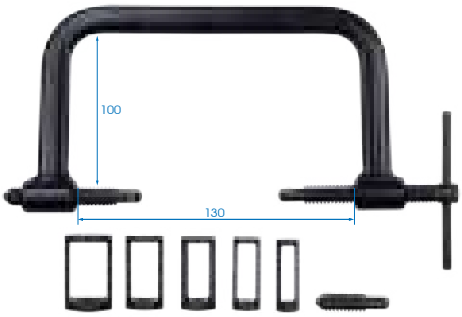
Kg 2 / 1 / 6

Valve spring compressor set

9AH31

- Use for compress of motorcycle or small engines valve spring
- Adapter size : 16mm, 19mm, 23mm, 25mm and 30mm.
- Capacity : 130mm.
- Throthroat depth : 100mm

Kg 1.31 / 1 / 12



Valve Spring Compressor Set

9AH12

- Complete service tool set for OHV & OHC petrol or diesel engines on Audi, Nissan, Toyota, Chrysler, Honda, Mazda, Mitsubishi, Saturn, Lexus, Hyundai, Infiniti, Porsche, Volvo, VW

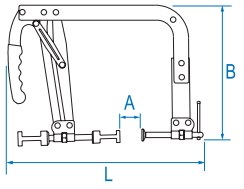
Kg 3.75 / 1 / 5

10 PC.

9AH025

- Suitable for large engines & diesel engines
- Capacity: 35~140mm
- Unique direct action compressor lever gives improved visibility & ease of using in areas of difficult access. Dual size in 25 and 30mm adapter

5 PC.



KT NO.	A mm	B mm	L mm	Kg	/
9AH025	35~140	280	390	4.56	1 / 5

Valve Lappers

9AH0311

- For hand lapping valves

Kg 0.1 / 12 / 108

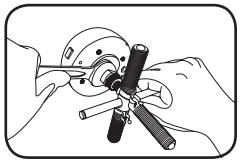
2 PC.

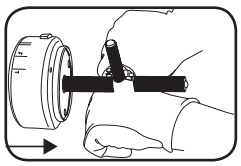
KT NO.	Diameter Cups Size	
9AH0311	1-1/8" (29mm) 5/8" (16mm)	1-3/8" (35mm) 13/16"(21mm)

6 in 1 Fly Wheel Puller

9XAH1 new

- This tool is designed to offer 6 different sizes for the Flywheel wheel rings on motorcycles.
- Sizes include: M20 x 1.5R / M14 x 1.5R / M16 x 1.5R / M18 x1.5R / I M24 x 1.0R / M27 x 1.0L



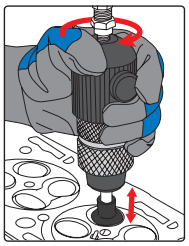


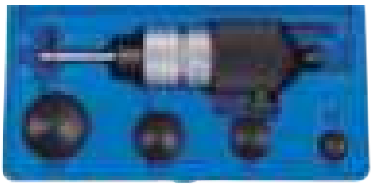
KT NO.	N.W (kg)	G.W (kg)	CUFT
9XAH1	17.5	19	0.9

Heavy Duty Air Valve Lapper Set

9AH0321

- Design for operating in tough environments
- Adjustable speed regulator for precise control during operation
- Complete with rubber caps of 20mm, 30mm, 35mm and 45mm





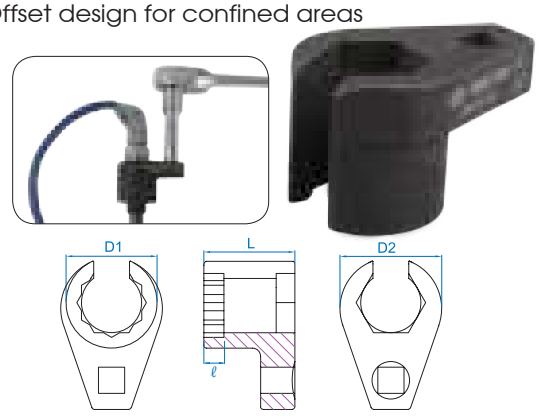
5 PC.

KT NO.	Free Speed R.P.M	Pistone Stroke inch	Pistone Stroke mm	Overall Length inch	Overall Length mm	Air Inlet inch	Air Hose ID	Average Air Consumption Cfm	Average Air Consumption L/min	Kg	
9AH0321	5600	1.1	29	9.0	228	1/4	3/8	2.5	71	1.82	1 / 10

Lambda Oxygen Sensor Socket

9AJ3122 — 3/8"

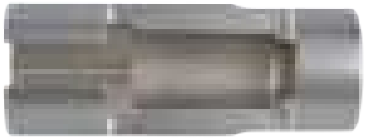
- For installing and removing the oxygen sensor
- Offset design for confined areas

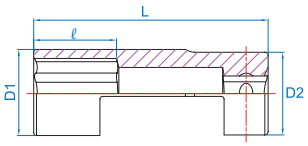


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
9AJ3122	22	34	38	8	34	178.0	1 / 100

9AJ4322 — 1/2"

- For lambda probes
- Featuring a slot for the connecting lead





KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
9AJ4322	22	32	30	30	85	294	5/60

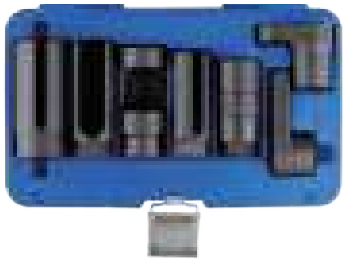
Lambda Oxygen Sensor Socket Set

9AJ017 — 3/8"+1/2"

- 7 PC. special sockets for removal lambda / oxygen sensors
- Suitable for most vehicles : Volkswagen, BMW, PSA, Mercedes-Benz, Ford, etc...

2.33 kg | 1 / 10

7 PC.



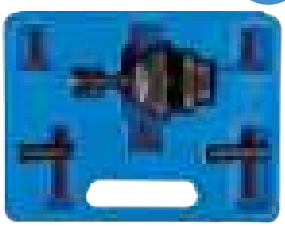
KT NO.	Part.	Size	mm
9AJ4229		1/2"	29
9AJ3322		3/8"	22
9AJ4227		1/2"	27
9AJ3222		3/8"	22
9AJ3127		3/8"	27
9AJ4122		1/2"	22
9AJ3122A		3/8"	22

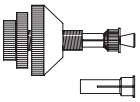
Universal Clutch Aligner Set

9AK11

- Designed to make alignment and assembly of clutch
- Specially designed for those vehicles equipped with late-model front wheel drives without pilot bearing in flywheel

3 PC.





Ø 23 ~ 27mm

Ø 19 ~ 23mm

Ø 15.5 ~ 20mm

KT NO.	Ø mm	kg	
9AK11	15.5~27	0.6	1 / 20

Self Adjusting Clutch Alignment Setting Tool Set

9AK21

- Prevent damage to system and to keep adapter ring in right position
- Necessary for pre-tensioning self adjusting clutches before removal or installation, avoiding clutch deformation
- Prevents plate distortion
- Suitable for most SAC(Self Adjusting Clutches 3 and 4 holes) equipped on vehicles of FIAT GROUP, VW-AUDI, BMW, MERCEDES, VOLVO, OPEL, RENAULT etc

10.75 1 / 2

38 PC.

Pulley Removing Wrench

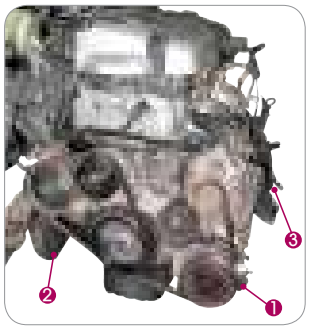
9AL

- To lock the pulley during removing or assembling any type of pulley retaining bolt

KT NO.	L inch	L mm	Ø mm		
9AL11	14-3/8	365	40~140	540.0	12 / 36
9AL12	14-3/8	365	40~140	540.0	12 / 36

9AL11

9AL12



- Compressors

- Water pump pulley

- Alternator pump pulley

- Oil filter removal & assembly

Universal Cooling Pump and Refiller Tool Set

9AM01

- For testing leakage in radiator system
- Vacuum leakage testing and bubble-free refilling
- Special pick hooks to speed up replacement of pipes
- Quick-release coupling on each connections
- Rubber cones with functional diameter 17~40mm

KT NO.	Type			
9AM010	Japan		3.4	1 / 5
9AM011	USA		3.4	1 / 5
9AM012	Europe		3.4	1 / 5

CAUTION DO NOT open the radiator cap on a hot engine

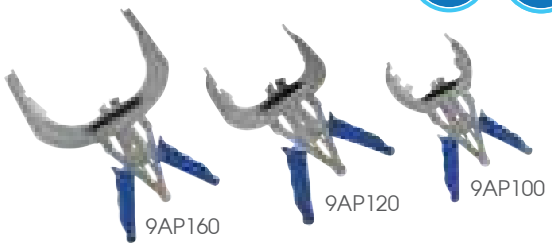
7 PC.

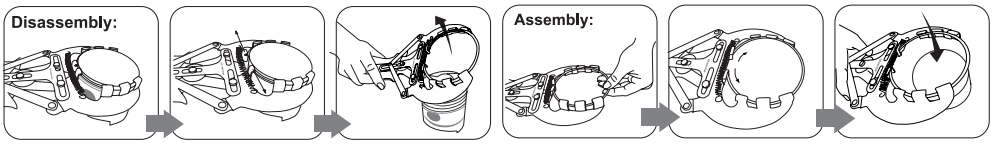
Piston Ring Pliers

9AP

- For removing and mounting piston rings
- Nickel plated

KT NO.	L inch	L mm	Ø Capacity mm		
9AP100	8-11/32	212	50~100	323.0	12 / 48
9AP120	8-15/16	227	80~120	354.0	12 / 48
9AP160	9-61/64	253	110~160	458.0	12 / 48





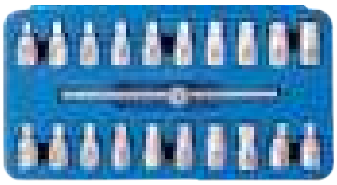
Oil Drain Plug Key Set

9AR11

- Suitable for sump plugs on engine, gearbox and back axle
- Contents:
  Hex key socket: H8, H9, H10, H12, H13, H14, H17 mm
  Square socket: 5/16", 3/8", 7, 8, 10, 11, 12, 13, 14 mm
  Torx socket: T45
  Triangular socket: 10mm
  Spline (TAMPER) socket: M16
  Square drive socket: 10mm
  3/8" drive sliding T-handle

21 PC.

1.70 | 1 / 10



Plastic Drain Plug

9AR29-S new

- Suitable for VW, Audi, Skoda, Seat 1.2/1.4/1.8/2.0 TFSI oil drain plug and 1.6/2.0 TDI diesel engines cam cover plug.
- Use with removal tool 9AR21.
- OEM numbers 06L 103801.

12.9 | 1 / 144

Drain Plug Removal Tool

9AR21 new

- Use for removing and installing of the plastic oil drain plug on the latest VAG vehicle
- 3/8" DR and HEX 17 mm
- For VW, Audi, Skoda, Seat 1.2/1.4/1.8/2.0 TFSI oil drain plug and 1.6/2.0 TDI diesel engines cam cover plug

20.0 | 12 / 288

Diesel Injector Puller Set

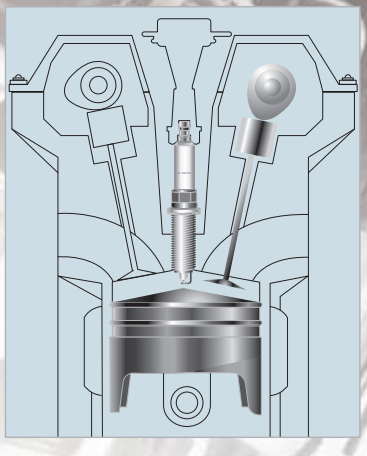
9AS11

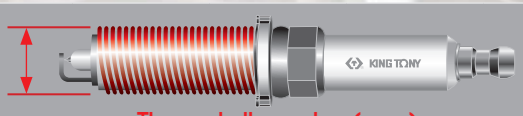
- The set contains M8, M12, M14, M17 adaptor
- Suitable for various vehicles with Bosch and Lucas type diesel injectors
- Remove stubborn diesel injectors easily and quickly
- New M17 adaptor for GM Vauxhall / Opel injectors X20DTH / Y20DTH series engines

1.11 | 1 / 20

Why spark plugs need torque tightening ?

1. Modern engines cylinder heads are made of aluminium alloy
2. A correct factory-set gaps can provide best performance



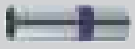
Cylinder head material	 Thread diameter (mm)				
	M8	M10	M12	M14	M18
Cast iron	-	10~15 Nm	15~25 Nm	25~35 Nm	35~45 Nm
Aluminium	8~10 Nm	10~12 Nm	15~20 Nm	25~30 Nm	35~40 Nm

•Suggested torque for spark plugs with gasket, always follow factory owner's manual

3/8" Spark Plug Sockets

3/8"	Size (inch)	Size (mm)	Type		Socket L(mm) 63	70	90	250
	9 / 16	14	6 pt	Rubber	36B514			
			12 pt	Rubber	36B014		36C014	36D014
			6 pt	Metal clip	367514			
			12 pt	Metal clip	367014			
	5 / 8	16	6 pt	Rubber		363516		
			12 pt	Rubber		363016		
			6 pt	Magnet		366516		
			12 pt	Magnet		366016		
	23 / 32	18	12 pt	Rubber	36B018			
			6 pt	Metal clip	367518			
			12 pt	Metal clip	367018			
	13 / 16	20.8	6 pt	Rubber		363521		
			12 pt	Rubber		363021		
			6 pt	Magnet		366521		
			12 pt	Magnet		366021		

1/2" Spark Plug Sockets

1/2"	Size (inch)	Size (mm)	Type		Socket L(mm) 70
	9 / 16	14	6 pt	Rubber	463514RC
			12 pt	Rubber	463014RC
	5 / 8	16	6 pt	Rubber	463516R
			12 pt	Rubber	463016R
			6 pt	Magnet	466516
			12 pt	Magnet	466016
	23 / 32	18	6 pt	Magnet	
	13 / 16	20.8	6 pt	Rubber	463521R
			12 pt	Rubber	463021R
			6 pt	Magnet	466521
			12 pt	Magnet	466021

Torque Wrench & Accessory

KT NO.	Gear Teeth	Square Drive	Torque Range in. lb. / ft. lb.	Incr.	Torque Range Nm	Incr.
34362-1CG	24	3/8"	40~200 in. lb.	1 in. lb.	5.1~22.0 Nm	0.12 Nm
34362-2CG	32	3/8"	15~80 ft. lb.	0.5 ft. lb.	23.7~105.1 Nm	0.7 Nm

KT NO.	Gear Teeth	Square Drive	Torque Range Nm	Incr.
34362-2DG	32	3/8"	20~100 Nm	0.5 Nm
34362-3DG	32	3/8"	10~60 Nm	0.5 Nm

KT NO.	Square Drive	Torque Range Nm	Torque Range ft. lb.	Total Length kgf.m
34307-1A	3/8"	27~135 Nm	19.9~99.6 ft.lb.	2.75~13.76 kgf.m

KT NO.	Spec.
3814	3/8"Fx1/2"M

Spark Plug Rethreader Set

11305SQ new

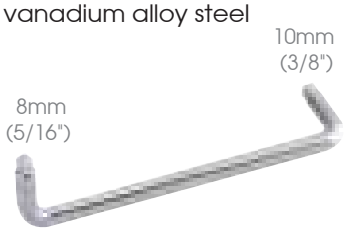
- Spark plug rethreader set is used for rethreading damaged spark plug threads in aluminum cylinder heads

KT NO.	Size mm	Type inch		
11305SQ	14	3/8, 7/16, 1/2, 3/4	13	12 / 72

Double Size "L" Handle

1586

- Material : Chrome vanadium alloy steel
- For oil plug



KT NO.	Overall length inch	Overall length mm	Size inch	Size mm		
1586-09	9	230	5/16 x 3/8	8 x 10	320.0	6 / 48

1596

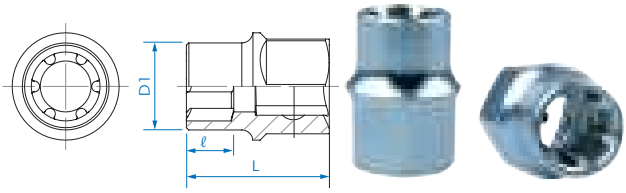
- Material : Chrome vanadium alloy steel
- For oil plug

KT NO.	Overall length inch	Overall length mm	Size inch	Size mm		
1596-09	9	230	3/8 x 3/8	10 x 10	290.0	6 / 48

Ribe Socket M10S

9AW4911 1/2"

- 6 points
- Use for replacing and removing idler pulley center screw on TOYOTA ALTIS

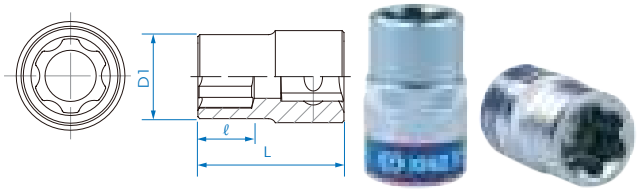


KT NO.	D1 mm	ℓ mm	L mm		
9AW4911	19	10	33.8	16	10 / 200

Ribe Socket M12S

9AW4901 1/2"

- 6 points
- Use for replacing and removing engine head screw and flywheel center screw on NISSAN models



KT NO.	D1 mm	ℓ mm	L mm		
9AW4901	22	14	38	72.0	10 / 200

Bearing Race and Seal Driver Set

9BA11

- Quick and easy to insert bearing race
- Collars fit most standard wheel bearing sizes
- Helps reduce damage to both race and axle housing
- 9 collar sizes:
  (1)1.574"/40mm (2)1.732"/44mm
  (3)1.968"/50mm (4)2.322"/59mm
  (5)2.480"/63mm (6)2.559"/65mm
  (7)2.834"/72mm (8)2.992"/76mm
  (9)3.189"/81mm

10 PC.

1.8 / 1 / 10

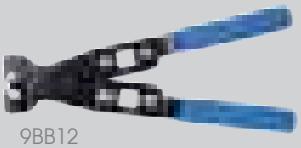
Universal Bearing Ring Puller

9BA41

- Three jaws with the thin edge provide an equal grip tension to avoid any slide or tilt
- Suitable for all kind of bearing and sleeves diameter up to 125mm
- Applicable: For universal vihicles

• Adjustable slide knob for quick control locking

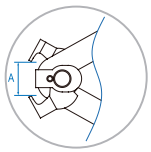
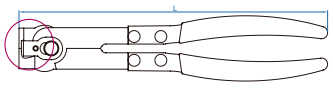
KT NO.	Ø Capacity mm	Kg	
9BA41	10~125mm	3.6	1 / 4

Hose Clamp	KT Item	Suitable Car Brand
CV Boot Clamp Ear Clamp	9BB11	VW, Audi, BMW, Ford, GM, Opel, Nissan, Mercedes-Benz, Mazda, Honda, Chrysler, Citroen, Seat
	 9BB12	
	9BB13	
CV Boot Clamp	9BB31	Univresal

Ear Hose Clamp Pliers

9BB11

- Use to remove and install ear clamp
- Special hook jaw easy to hold clamp in position
- Suitable for CV joint boot, vacuum lines, and cooling system

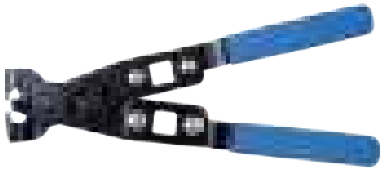
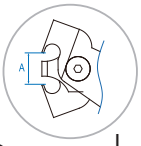
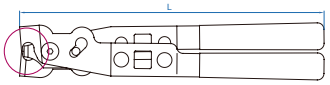



KT NO.	L inch	L mm	A max mm	g	
9BB11	10	260	22.5	364.4	12 / 48

CV Boot Clamp Pliers

9BB12

- Use to remove and install stainless CV boot clamp
- Can be used with 1/2" flexible handle bar or torque wrench
- Suitable for Audi, Opel, Citroen, SEAT, BMW, Mercedes-Benz, Honda, Nissan, Mazda, Ford, GM, Chrysler

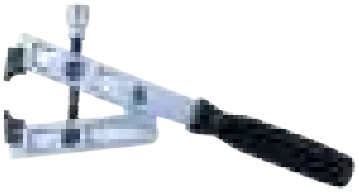




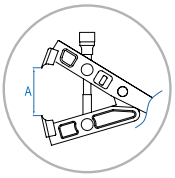
KT NO.	L inch	L mm	g	
9BB12	9-1/2	235	512.4	6 / 36

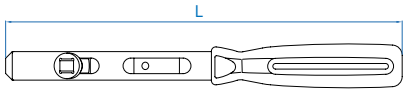
CV Boot Clamp Pliers with Socket

9BB13

- Use to remove and install stainless CV boot clamp
- Can be used with 3/8" flexible handle bar or torque wrench
- Suitable for Audi, Opel, Citroen, SEAT, BMW, Mercedes-Benz, Honda, Nissan, Mazda, Ford, GM, Chrysler





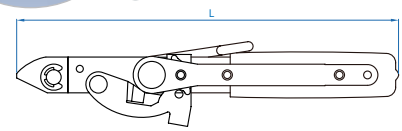


KT NO.	L inch	L mm	A max mm	g	pcs/box
9BB13	11	278	45	887.8	6 / 24

CV Boot Clamp Installer

9BB31

- Use to cut and install clamp with built-in cutting arm
- Includes locking device and ratchet function
- Suitable for general vehicle types



Lock

Cut

KT NO.	L inch	L mm	g	pcs/box
9BB31	6-1/2	124	346.8	12 / 36

Exhaust Pipe Hanger

9BP11

- Use to remove rubber holders from exhaust brackets
- Suitable for general vehicle types

KT NO.	L inch	L mm	A max mm	g	pcs/box
9BP11	10	250	60	338.6	12 / 36

Handbrake Cable Pliers

9BC11

- For hand brake cable removal and replacing
- Suitable for Audi, Bmw, Citroen, Nissan, Peugeot, Seat, Renault, Rover, etc

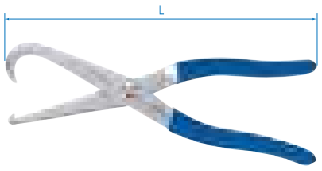
KT NO.	L inch	L mm	A max mm	B mm	g	pcs/box
9BC11	9	230	60	5	198.0	12 / 48

Drum Brake Spring Pliers

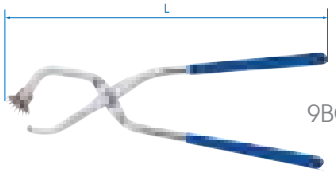
9BC121 9BC122

- Designed to remove and replace brake retaining spring on drum brakes

KT NO.	L inch	L mm	g	pcs/box
9BC121	8-1/2	215	230.0	12 / 72
9BC122	12-1/2	320	426.0	12 / 36



9BC121

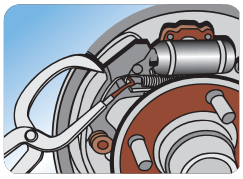


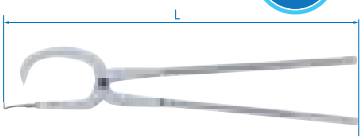
9BC122

HGV Drum Brake Spring Pliers

9BC124

- Designed to remove and replace brake retaining spring on drum brakes
- Extra strong version for HGV air or hydraulic drum brakes





KT NO.	L inch	mm	Kg	
9BC124	20-5/8	525	1.25	3 / 6

Disc Brake Piston Separator

9BC21

- Heavy duty drop forged construction
- Fits in brake caliper to push back pistons for new brake pads installation

KT NO.	Max capacity inch	mm	Kg	
9BC21	2-7/8	75	1.13	1 / 20

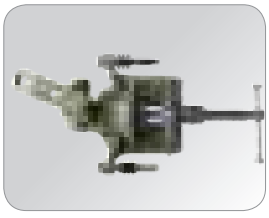
Universal Disc Brake Wind-Back Tool Set

9BC22

- Magnetic socket adapter
- Including 9 adapters for brake assemblage
- For rotating pistons back into caliper to provide clearance for new pads
- Prevents damage to the piston and boot
- Suitable for V.W.-audi, Ford, Nissan, Alfa romeo, Rover, Saab, Subaru, Toyota, Jaguar, and most of the general motors

Kg 2.87 / 1 / 6

11 PC.



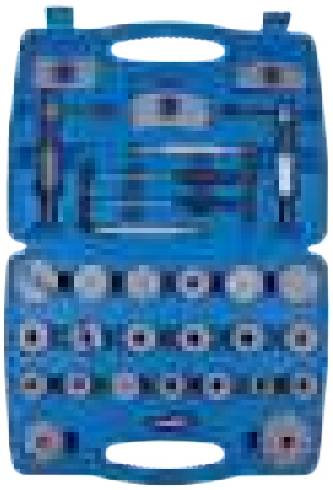
Universal Disc Brake Wind-Back Tool Set

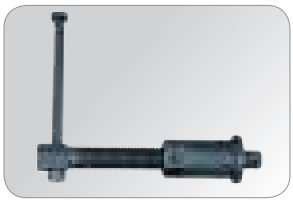
9BC23

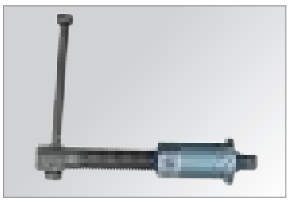
- For rotating pistons back into caliper to provide clearance for new pads
- Prevents damage to the piston and boot
- Suitable for Bmw, Ford, Vw, Audi, Porsche, Saab, Opel, Volvo, Jaguar, Citroen, Peugeot, Renault, Lauxhall, Lancia, Alfa romeo, Fiat, Nissan, Honda, Subaru, Toyota, Mitsubishi
- Contents:
  21 PC. Adapters for brake assemblage
  3 PC. Backing pads
  2 PC. Rotating caliper with 3/8"DR (right/left side threaded)
  2 PC. Hex key: 7, 8mm
  2 PC. Pin punch : Ø 5.5, 6mm
  1 PC. 3/8"DR x 12mm hex key socket

Kg 4.87 / 1 / 4

31 PC.





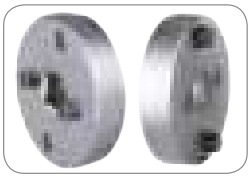


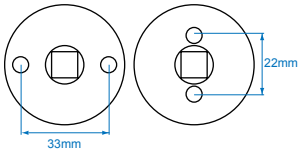
Brake Caliper Piston Tool

9BC24A

- For rotating pistons back into caliper to provide clearance for new pads
- Fast and easy to use, prevents damage to the piston and boot
- Fits most European and Japanest vehicles

4 PC.





KT NO.	Capacity A(mm)	B(mm)	g	
9BC24A	22	33	700	5 / 30

Pneumatic Disc Brake Wind-back Tool Set

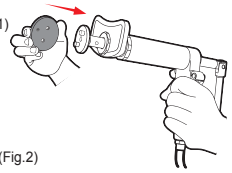
9BC25

- Air operated ram applies pressure to caliper piston, while the handle is rotated by hand
- Easy to use- works on standard workshop air supply
- Reversible- works on both RH and LH applications
- Can be used on wind back and push back piston
- Supplied with adaptor, which covers a wide range of popular vehicles
- Full range of additional specialist adaptors available
- Suitable for Mercedes-Benz, Bmw, Audi, Vw, Opel, Volvo, Jaguar, Citroen, Fiat, Peugeot, Alfa romeo, Saab, Lancia, Toyota, Honda, Nissan, Mitsubishi, Isuzu, Mazda, Subaru, Gm, Ford, Rover

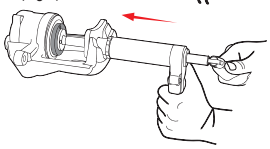
Kg 3.20 / 1 / 5

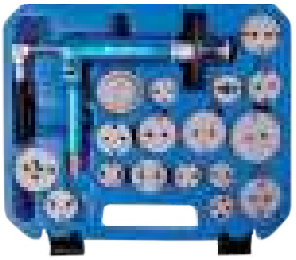
18 PC.

(Fig.1)

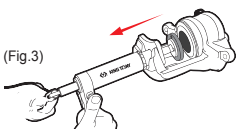


(Fig.2)





(Fig.3)

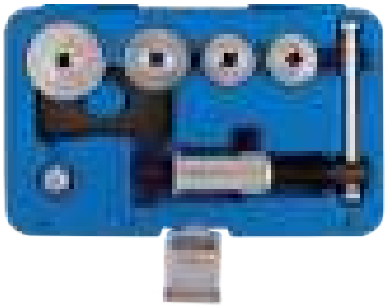


Universal Disc Brake Wind-Back Tool Set

9BC26 new

- For deburring and sizing the diameter of holes 1/8" to 3/8"
- Suitable for metal, wood or plastic

Kg 1.38 / 1 / 12

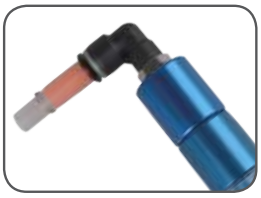


Brake Bleeder Valve Collection Bottle

9BC31

- Easy to operate and inspect the brake bleeder valve by one person
- Capacity : 800 ml
- Use for separating the air in the brake oil and replace the brake fluid

g 280 / 1 / 4



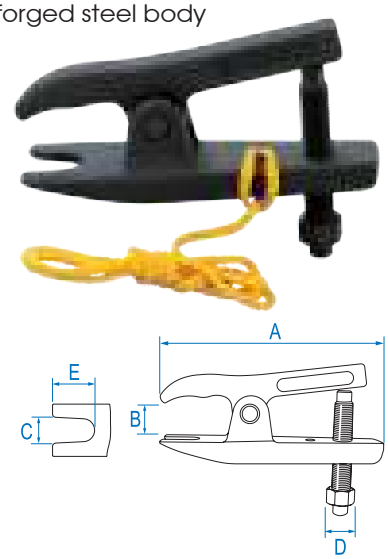
CAUTION

Always keep the tool clean after using

Ball Joint Extractor

9BE11

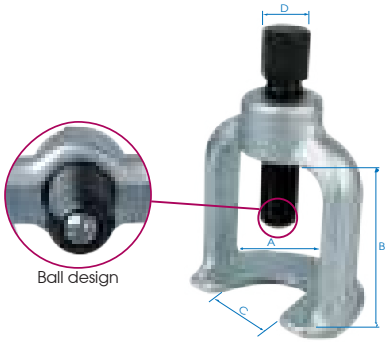
- Drop forged steel body



KT NO.	A mm	B(mm) Max	B(mm) Min	C mm	D mm	E mm	Kg	
9BE11	160	50	12	19	19	25	1.08	1 / 12

9BE4

- For quick and easy separation of ball joint pivots of pitman arms, steering tie rods, ball joints, etc
- Suitable for general trucks and vehicles
- For better safety operation & avoid damage

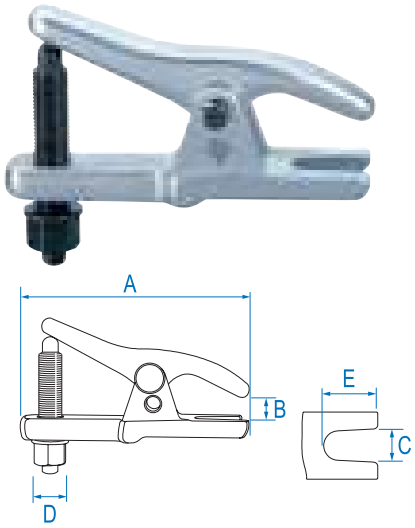


KT NO.	A mm	B mm	C mm	D mm		
9BE41	36	40	18	17	363.9	1 / 36
9BE42	46	48	23	17	558.3	1 / 36
9BE43	62	62	29	19	925.0	1 / 12
9BE44	64	76	40	24	1658.3	1 / 12
9BE45	77	100	46	24	1858.3	1 / 12

Ball Joint Extractor

9BE21

- Special design 2 stage operation, suits most cars and light trucks ball joints in steering & suspension
- Suitable for most European and Japancese vehicles

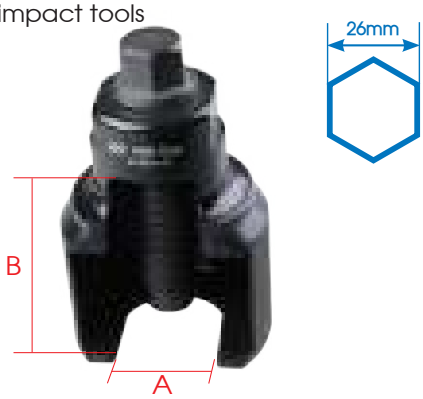


KT NO.	A mm	B(mm) Max	B(mm) Min	C mm	D mm	E mm	Kg	
9BE21	160	50	12	20	22	32	1.27	1 / 12

Impact Ball Joint Separator

9HBE4

- For quick separation of ball joint for heavy goods vehicle
- Extra deep design for tight space
- Use with impact tools



KT NO.	A mm	B mm	kg	
9HBE4-30	30	95	2.32	1 / 6
9HBE4-39	39	95	2.32	1 / 6
9HBE4-47	47	95	2.32	1 / 6

KT NO.	A mm	B mm	kg	
9HBE4-58	58	120	4.20	1 / 6
9HBE4-62	62	120	4.20	1 / 6
9HBE4-67	67	120	4.20	1 / 6

Heavy Goods Vehicle Ball Joint Separator

Size (mm)	Application
30	BMW (E39), Benz(W203/W210/W211/W220/W221), Mitsubishi Delica, Canter, Toyota Dyna etc…
39	"4 tons and European truck: Scania, Benz, MAN 414 drag link and Hino etc..."
47	"8.8 tons~10.5 tons truck: Hino, Isuzu, Nissan, UD,Fuso etc..."
58	Scania etc…
62	"15 tons~35 tons: Hino, Isuzu, Nissan, Fuso truck and bus etc…"
67	MAN(FE410A) etc…

Hydraulic HGV Ball Joint Separator & Set

9HBE81

- Use for separating ball joint for heavy goods vehicles
- Design for operating manually or by 12 tons hydraulic ram
- Strengthen fork and lever for greater force to be applied

kg 7.0 / 1 / 2

3 PC.

capacity	
Jaw opening	70mm
Jaw width	36mm

9HBE083

- Use for separating ball joint for heavy goods vehicles
- Design for operating manually or by 12 tons hydraulic ram
- Interchangeable jaws width : 30 / 34 / 40mm

kg 8.5 / 1 / 2

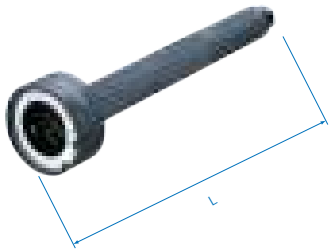
5 PC.

Jaw Opening size : 30, 34, 40 mm

Inner Tie Rod Tool

9BE52

- Removes and replaces the axial joint
- Hex part on the end of tool: works with 27 mm wrench or 1/2" DR. ratchet



KT NO.	L inch	L mm	Ø Capacity mm	kg	
9BE52	15-3/4	400	35~45	2.14	1 / 10

Universal Adjustable Wheel Bearing Lock Nut Wrench

9HBN01

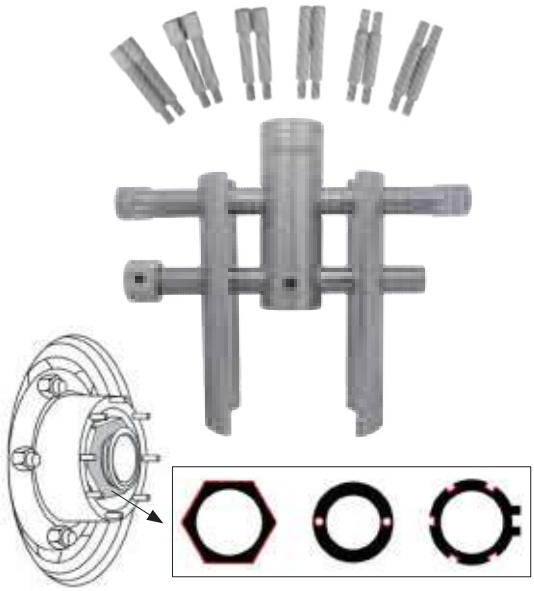
- For disassemble and assemble vario nut and cap
- Extra slim design suitable to reach narrow space for special nut
- Use with 3/4" square drive tools and suggest to lock by torque wrench
- Application for 6PT, 8PT and round nut
- Adjustable open jaw 50~150mm

Contents:
3 pairs round adapter for round nut: 6mm, 8mm ,10mm
3 pairs square adapter for round nut: 1/4", 5/16", 3/8"

3.68 kg 1 / 5

13 PC.

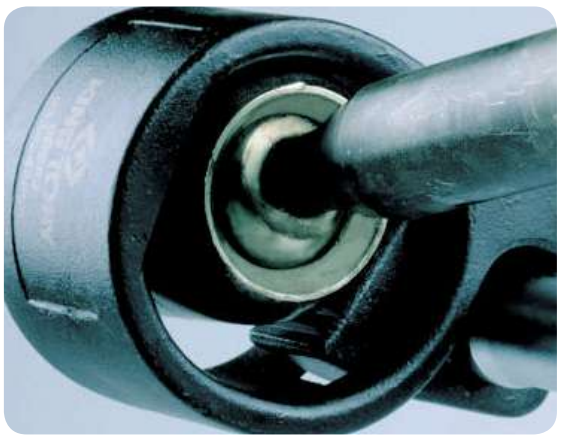
3/4" DR.



Multi-Purpose Inner Tie Rod Tool

9BE62 9BE63

- Use for replace inner tie rod ends without removing the rack and pinion
- Internal serrated design to make grip tight
- Use with ratchets and extensions by 1/2" sq drive
- Suitable for most vehicles & trucks



KT NO.	L inch	L mm	Ø Capacity mm	g	
9BE62	3-1/4	81.50	33~42	370.2	24
9BE63	3-7/16	87.56	42~50	403.6	24

Drop Forged Coil Spring Compressor Set

9BF11 9BF21

- Drop forged SCM435 jaws & leaded screws
- Both 21mm 6-point sockets and 1/2" wrench are available
- Suitable for limited space under wheel arch

6 PC.

9BF11

9BF21

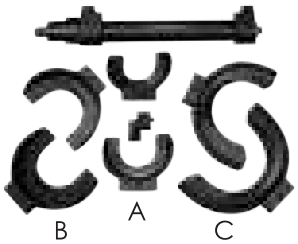
KT NO.	L mm	⬡	mm	kg	
9BF11	85 / 370	1/2"	21	2.4	1 / 6
9BF21	85 / 270	1/2"	21	3.36	1 / 6

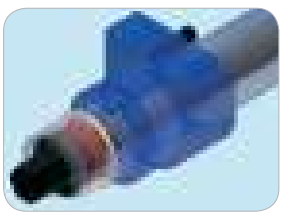
Coil Spring Compressor Set

9BF31

- Developed for "Macpherson" suspensions, using a range of 3 sets interchangeable monobloc forks
- Spring specification / use:
  A : Ø80~115mm
  B : Ø110~150mm
  C : Ø140~195mm
- Suitable for : BMW, Ford, VW, Audi, Porsche, Saab, Opel, Volvo, Nissan, Honda, Mitsubishi, Subaru, Toyota

8 PC.





KT NO.	L mm	Capacity mm	kg	
9BF31	460	40~300	15.00	1 / 1

Steering Wheel Puller Set

9BG11

- Easy to remove and install steering wheel for cars and trucks
- 2 sets 17mm hex head puller with pointed and flat cups
- 4 sets side bolts
- Small plate Dia.:
  1"~3-11/16" 25~95mm
- Large plate Dia.:
  1-1/8"~5" 28~125mm
- Side bolts size:
  3 PC. 5/16" UNC x 3-1/2" lon g puller bolts
  3 PC. 5/16" UNF x 3" long puller bolts
  3 PC. 3/8" UNC x 3" long puller bolts
  3 PC. 3/8" UNF x 3" long puller bolts

18 PC.

kg 4.10 / 1 / 6

Multi-Steering Knuckle Spreader Tool Set

9BJ11

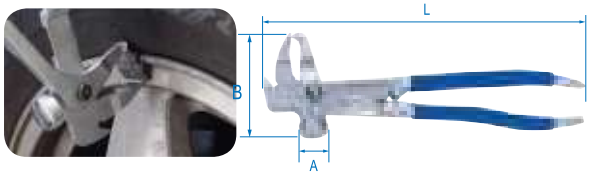
- Used to spread the steering knuckle to enable the removal and fitting of shock absorbers without the risk of damaging the aluminum or cast iron knuckle
- The tool is adjustable and suitable for steering knuckles with either a centralized slot or a non centralized slot
- Wide range of vehicle applications
- Designed for twin ball joints as fitted to Audi and VW control arms
- Suitable for strut clamping bores on Audi, VW, BMW, Ford, Peugeot, Citroen, Renault, Seat, Skoda kg 1.05 / 1 / 12

15 PC.

Wheel Balancing Weight Tool

9BK11

- Ideal for fitting and removing wheel balance weights



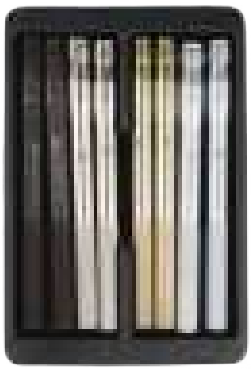
KT NO.	L inch	L mm	A mm	B mm		
9BK11	10	250	22	86	420.0	10 / 50

Wheel Stud Alignment Guide Tool Set

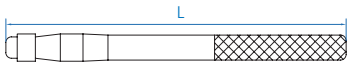
9BK2008

- Easy to remove and install wheels with lug bolts
- 4 pairs of metric threaded pin allow to hang wheel safety
- Suitable for BMW, Mercedes, Renault, VW, Audi...

8 PC.



CONTENTS :
- 2 PC. M12 x 1.25
- 2 PC. M12 x 1.5
- 2 PC. M14 x 1.25
- 2 PC. M14 x 1.5



KT NO.	L mm	
9BK2008	150	990

Tire Valve Installer

9BK31

9BK32

- Use for replacement and fitting tire valves
- Composite body prevents damage onto alloy wheel
- 180 degree pivoting head
- 310mm plastic handle

9BK31

118.0 | 12 / 144

9BK32

353.0 | 6 / 48

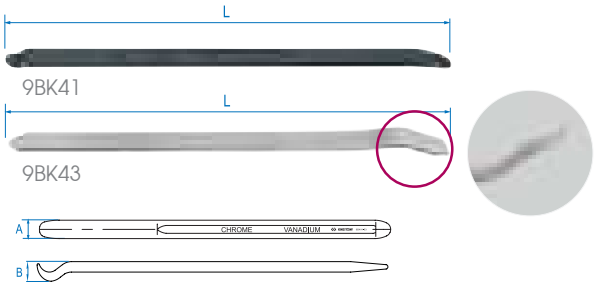
- For removal & installing valve cores

Tire Lever

9BK41

9BK43

- Straight pattern with profiled shank

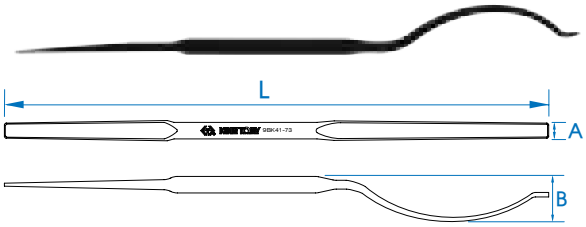


KT NO.	L inch	L mm	A mm	B mm		
9BK41-20	8	200	21.6	11	104.4	10 / 50
9BK41-28	11	280	22.7	13.5	239.4	10 / 50
9BK41-38	15	380	24.5	13.5	358.0	10 / 50
9BK41-53	21	530	28	12	928.0	10 / 20
new 9BK41-65	25	650	30	15	1075.0	10 / 20
new 9BK43-65	25	650	30	15	1100.0	10 / 20

Tire Lever

9BK41-73

- To install and remove the tire from wheel rim
- Precision forged with greater leverage design
- Special design for 17" to 22.5" tire



KT NO.	L inch	L mm	A (mm)	B (mm)	g	
9BK41-73	28-3/4	730	22	64.4	1618	1 / 10

TPMS Torque Assist Tool Set

9BK51

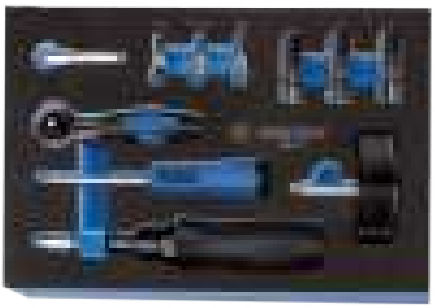
- Use to install/change TPMS sensor and tyre valve
- Rotary slide bar design avoids tightening with overloaded torque
- Torque screwdriver with ±5% tolerance
- Quality meets DIN ISO 6789 & ASME B107.300-2010

• Contents:

11 PC.

2033
1/4"DR x T10, T15, T20 torx bit socket
2235M
1/4"DR x 11, 12, 13mm deep socket
2221-02
1/4"DR x 2" extension bar
2752-45G
1/4"DR. T handle swivel head reversible ratchet
34101-040M
Valve core torque tool (0.45N.m)
341214M
1/4"DR. Preset torque T-DRIVER (1.4 N.m)
34211-3DG
1/4"DR. Torque Screwdriver (4~9 N.m)

1.53 kg / 1 / 10

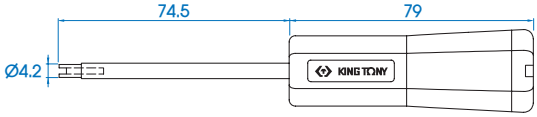


Tire Valve Core Remover / Installer Torque Screwdriver

34101-040M

- Preset torque setting in order to remove & install valve cores correctly
- Prevent overloaded torque to cause damage on valves sensor cores
- Preset torque is 0.45 N.m (4.0 Inch/lbs)
- Ergonomics design with TPR handle

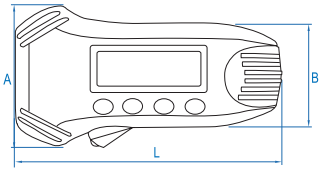
82.2 g / 24 / 96



Digital Tire Gauge

9BM120

- Tyre pressure gauge specification:
  Unit range:
  0-100 psi / 0~7.0 bar / 0~7.0 Kgf-cm² / 0~700 kpa
  Display resolution:
  0.1 psi / 0.01 bar / 0.01 Kgf-cm² / 0.01 kpa
- Tread depth gauge specification :
  Unit range: 0-22mm/.8"(Gauge: mm/inch)
  Display resolution: 0.01mm/.001"
  Accuracy: ±1%

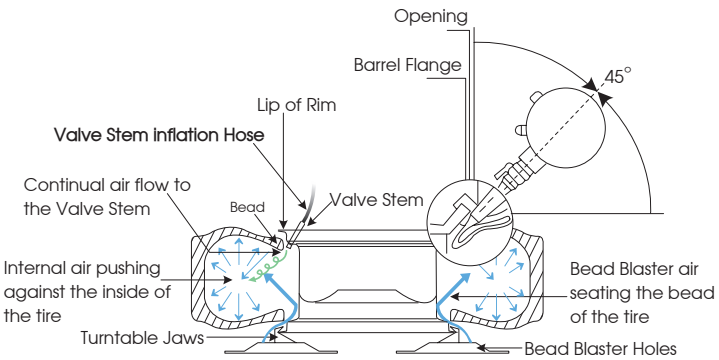


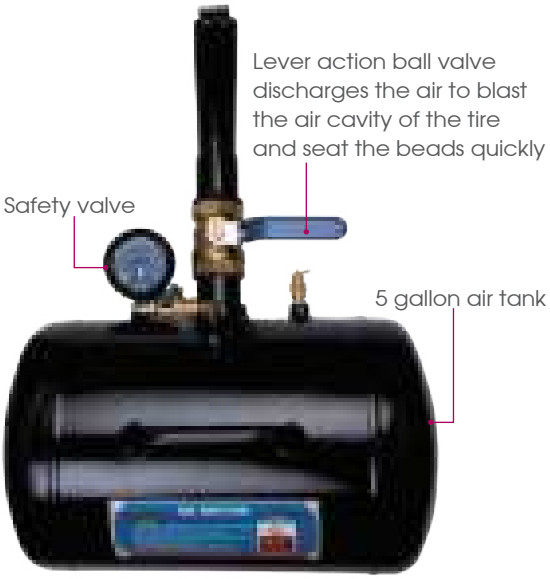
KT NO.	A mm	B mm	L mm	g	
9BM120	53	38	101	53.0	12 / 96

Tire Air Bead Seater

9HBL

- Capacity: 5 Gallon
- Used for seating tires for cars, trucks, ATVs, tractors
- Air gauge for easy and accurate air volume readings
- Can be used for tire sizes up to 24.5"





KT NO.	Type	Capacity	Max. pressure	kg	
9HBL11-05	America	5 gallon (20 L)	145 PSI (10 bar)	11.0	1
9HBL12-05	Europe				

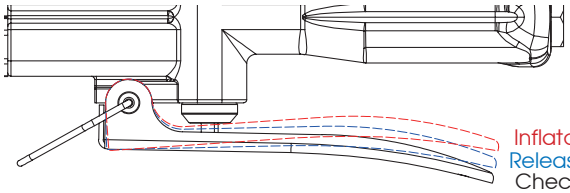
3-In-1 Inflator

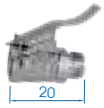
9BM

- Diaphragm pressure gauge
- Accuracy: ANSI B40.100 ±3% ~ ±2% ~ ±3%
- Special rubber housing protects manometer against light impacts
- 3 functions(check, release, inflator) all together on the press handle
- Variable trigger, two control position inflate/ deflate leve
- Flexible 400MM high pressure rubber hose with clip-on air tire chuck
- Pressure range: 0-160 PSI (9BM21) / 0-220 PSI (9BM22)
- Built in hang-up hook allows easy storage

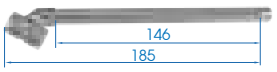
9BM2110
9BM2111
9BM2210
9BM2211

9BM2210A
9BM2211A





9BM2-01



9BM2-02

KT NO.	Pressure range (Psi)	Air Inlet (BSPT/NPT)	L (mm) L1	L2	Air hose (ID)	g	
9BM2110	160	1/4" BSPT	Ø13 x 400	180	3/8"	500	1 / 12
9BM2111	160	1/4" NPT	Ø13 x 400	180	3/8"	500	1 / 12
9BM2210	220	1/4" BSPT	Ø13 x 400	180	3/8"	520	1 / 12
9BM2211	220	1/4" NPT	Ø13 x 400	180	3/8"	520	1 / 12
9BM2210A	220	1/4" BSPT	Ø13 x 400	180	3/8"	600	1 / 12
9BM2211A	220	1/4" NPT	Ø13 x 400	180	3/8"	600	1 / 12
9BM2-01	(included in all 9BM series)		20		-	25	-
9BM2-02	(included in 9BM2210A & 11A only)		185		-	105	-

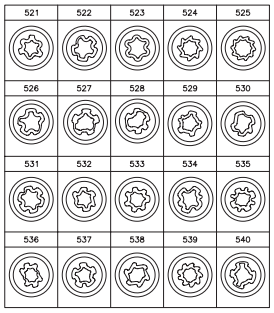
Wheel Lock Screw Socket Set

9BW0120 VW

- Used to permit servicing of customer vehicles, even lose the key
- Applicable for installing and removing locks of most VW models
- Chrome molybdenum, alloy steel chrome plated
- Work with 17mm hex tool
- Contents:
  #521,#522,#523,#524,#525,#526,#527,#528,#529,#530,#531,#532,#533,#534,#535,#536,#537,#538,#539,#540

2.9 | 1 / 5

20 PC.

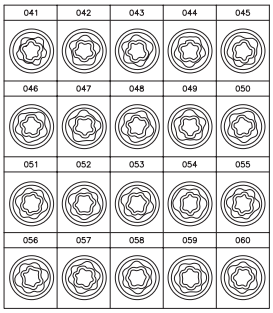


9BW0220 BMW

- Used to permit servicing of customer vehicles, even lose the key
- Applicable for installing and removing locks of most BMW models
- Chrome molybdenum, alloy steel chrome plated
- Work with 17mm hex tool
- Contents:
  #041,#042,#043,#044,#045,#046,#047,#048,#049,#050,#051,#052,#053,#054,#055,#056,#057,#058,#059,#060

1.94 | 1 / 5

20 PC.

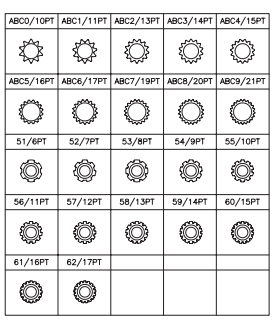


9BW0123 VW

- Used to permit servicing of customer vehicles, even lose the key
- Applicable for installing and removing locks of most VW models
- Chrome molybdenum, alloy steel chrome plated
- Contents:
  #51/6PT, #52/7PT, #53/8PT, #54/9PT, #55/10PT, #56/11PT, #57/18PT, #58/13PT, #59/14PT, #60/15PT, #61/16P, #62/17PTT, #ABC0/10PT, ABC1/11PT, ABC2/13PT, ABC3/14PT, ABC4/15PT, ABC5/16PT, #ABC6/17PT, ABC7/19PTABC8/20PT, ABC9/21PT, #494517M (1/2"DR. x 17mm)

1.57 | 1 / 10

23 PC.

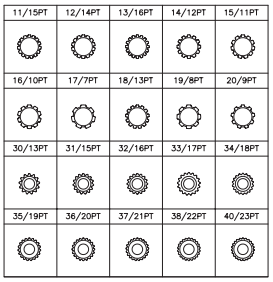


9BW0221 BMW

- Used to permit servicing of customer vehicles, even lose the key
- Applicable for installing and removing locks of most BMW models
- Chrome molybdenum, alloy steel chrome plated
- Contents:
  #30/13PT, #31/15PT, #32/16PT, #33/17PT, #34/18PT, #35/19PT, #36/20PT, #37/21PT, #38/22PT, #40/23PT, #13/16PT, #12/14PT, #11/15PT, #16/10PT, #15/11PT, #14/12PT, #19/8PT, #18/13PT, #17/7PT, #20/9PT, #494517M (1/2"DR. x 17mm)

1.48 | 1 / 10

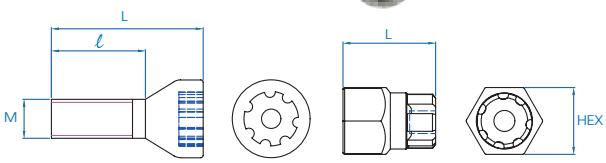
21 PC.



Locking Nuts & Bolt

WSB01

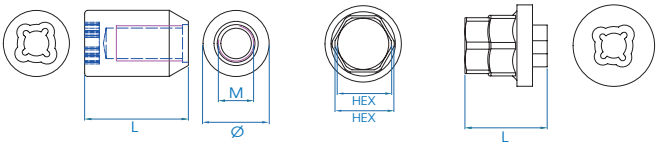
▪ Long Bolt



KT NO.		HEX	Thread M	ℓ mm	L mm
WSB012802-5		-	M12 x 1.5	28	47
		13/16	-	-	29
WSB013006-5		-	M14 x 1.5	30	49
		13/16	-	-	29

WSN04

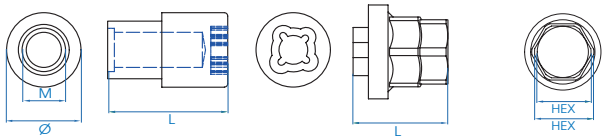
▪ Long Lock Nut



KT NO.		HEX	Ø	Thread M	L mm
WSN043601-5		-	23	M12 x 1.25	36
		19 x 13/16	-	-	28
WSN043602-5		-	23	M12 x 1.5	36
		19 x 13/16	-	-	28

WSN14

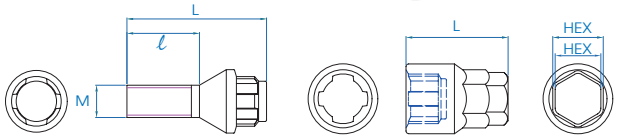
▪ Lock Nut



KT NO.		HEX	Ø	Thread M	L mm
WSN143601-5		-	23	M12 x 1.25	36
		19 x 13/16	-	-	28
WSN143602-5		-	23	M12 x 1.5	36
		19 x 13/16	-	-	28

WSB02

▪ Cone Seat Bolt Lock



KT NO.		HEX	Thread M	ℓ mm	L mm
WSB022701-5		-	M12 x 1.25	27.5	52.5
		17 x 3/4	-	-	38

Impact Socket For Hybrid Wheel Bolts Mercedes-Benz

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

9BW4501

- Durable outer sleeve protects polished wheels and lug nut
- Suitable for Hybrid wheel bolts on e.g. MERCEDES-BENZ C-Class type 204, 204X E-Class type 211, 212, 207 SLK type 172 M-Class type 164, 166 S-Class type 221, 222 CL-Class type 216

KT NO.	Size mm	D1 mm	D2 mm	ℓ mm	L mm	g	
9BW4501	17	26.4	30	26	85.5	229	5 / 60

Impact socket for special profile Wheel Bolts

9BW4502

- Durable outer sleeve protects polished wheels and lug nut
- Suitable for Wheel nuts with special profile 21 mm on HYUNDAI i30, Tucson and KIA

KT NO.	Size mm	D1 mm	D2 mm	ℓ mm	L mm	g	
9BW4502	21	28.5	30	26	85.5	252	5 / 60

10 Point Socket 20MM

9BW4801

1/2"

- 1/2"drive
- 10 points
- Use for replacing and removing retaining screw on rear trailing arm on HONDA CR-V

KT NO.	mm	D1 mm	ℓ mm	L mm	g	
9BW4801	20	25	15	38	88.0	10 / 160

Lubrication-Grease Gun

9BU11

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.

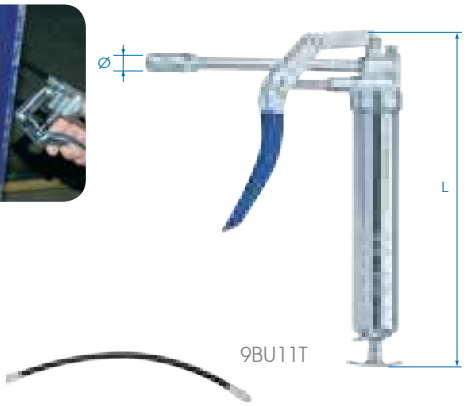
KT NO.	L inch	L mm	Ø Screw thread	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz	kg	
9BU111	10-5/8	267	1/8" x 28 PT	2900	200	4000	275	120	3	0.61	1 / 30
9BU112	10-5/8	267	10 x 1.0 Metric	2900	200	4000	275	120	3	0.61	1 / 30

9BU111 For general market except North America, Germany, South Africa, Egypt
9BU112 For Germany, South Africa, Egypt, etc.

Lubrication-Grease Gun with 12" Tube

9BU11T 9BU14T 9BU15T

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.



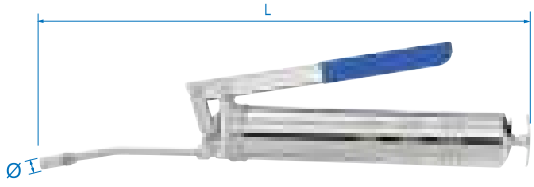
KT NO.	L inch	L mm	Ø Screw thread	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz	Kg	
9BU111T	10-5/8	267	1/8" x 28 PT	2900	200	4000	275	120	3	0.68	1 / 30
9BU112T	10-5/8	267	10 x 1.0 Metric	2900	200	4000	275	120	3	0.68	1 / 30
9BU141T	10-5/8	267	1/8" x 28 PT	4500	310	7000	490	400	14	1.36	1 / 12
9BU142T	10-5/8	267	10 x 1.0 Metric	4500	310	7000	490	400	14	1.36	1 / 12
9BU151T	10-5/8	267	1/8" x 28 PT	4500	310	7000	490	500	16	1.58	1 / 12
9BU152T	10-5/8	267	10 x 1.0 Metric	4500	310	7000	490	500	16	1.58	1 / 12

9BU111T / 9BU141T / 9BU151T For general market except North America, Germany, South Africa, Egypt
9BU112T / 9BU142T / 9BU152T For Germany, South Africa, Egypt, etc.

Lubrication-Grease Gun

9BU2

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.



KT NO.	L inch	L mm	Ø Screw thread	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz	Kg	
9BU241	14	360	1/8" x 28 PT	4500	310	10000	700	400	14	1.18	1 / 16
9BU242	14	360	10 x 10 Metric	4500	310	10000	700	400	14	1.18	1 / 16
9BU251	14.2	365	1/8" x 28 PT	4500	310	10000	700	500	16	1.52	1 / 16
9BU252	14.2	365	10 x 10 Metric	4500	310	10000	700	500	16	1.52	1 / 16

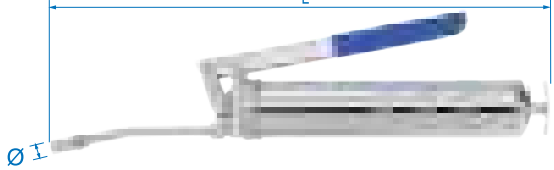
9BU241 / 9BU251 For general market except North America, Germany, South Africa, Egypt
9BU242 / 9BU252 For Germany, South Africa, Egypt, etc.

Lubrication-Grease Gun with 12" Tube

9BU2T

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.

9BU8109
9BU8209
9BU8112
9BU8212



KT NO.	L inch	L mm	Ø Screw thread	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz		
9BU241T	14	360	1/8" x 28 PT	4500	310	10000	700	400	14	1.24	1 / 16
9BU242T	14	360	10 x 10 Metric	4500	310	10000	700	400	14	1.24	1 / 16
9BU251T	14.2	365	1/8" x 28 PT	4500	310	10000	700	500	16	1.63	1 / 16
9BU252T	14.2	365	10 x 10 Metric	4500	310	10000	700	500	16	1.63	1 / 16
9BU8109	9	229	1/8" x 28 PT								
9BU8209	9	229	10 x 10 Metric								
9BU8112	12	305	1/8" x 28 PT								
9BU8212	12	305	10 x 10 Metric								
9BU241T / 9BU251T	For general market except North America, Germany, South Africa, Egypt										
9BU242T / 9BU252T	For Germany, South Africa, Egypt, etc.										

Portable Bearing Packer

9BU41

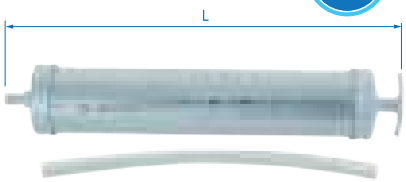
- Quick and easy way to pack bearings with less mess
- Suitable for bearing diameter up to 89 mm
- Press the cap until old grease forced out and replaced by fresh grease

505.2 | 1 / 36

Oil Suction Gun

9BT250

- Designed for all purpose, quickly draining and filling oil and other fluids for clutches, agricultural, and industrial chemical, additives, transmission on differentials, brake master cylinders, oil filters or other type of sumps or sampling engine oil
- Features 11" flexible plastic hose



KT NO.	L inch	L mm	Capacity c.c.	Capacity oz		
9BT250	13.4	340	500	16	770.0	1 / 20

Slide Hammer Puller Set

9BQ01

- 5 lbs / 2.2 kgs slide hammer with 500 mm shaft make more powerful
- Three types to use : internal/external puller, plate puller, dent puller
- Use for remove vehicle Hub, rear axle, bearing or repair dent, etc…

7.5 | 1/2

17 PC.

CONTENTS:

- 1 PC. 500 mm T handle shaft
- 1 PC. 5 lbs / 2.2 kgs hammer
- 1 PC. Axle puller
- 1 PC. Hub puller
- 1 PC. Hook
- 1 PC. Locking pliers puller
- 1 PC. Dent puller
- 1 PC. Central bolt
  - Hex 19mm x 5/8" x 18UNF x L140mm
- 1 PC. Twin head
- 1 PC. Tripe head
- 1 PC. Adjustable nut
- 3 PC. 3.5" leg
- 3 set nut & bolt

Axle Puller With Slide Hammer

9BQ11

- 5 lbs / 2.2 kgs slide hammer
- 500 mm T handle shaft

3 PC.

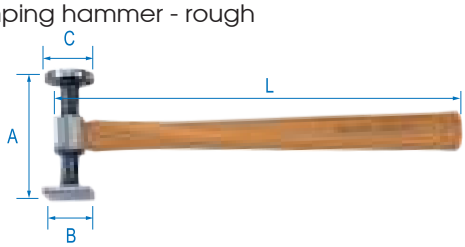
4 | 1/4

CONTENTS:
- 1 PC. 500 mm T handle shaft
- 1 PC. 5 lbs / 2.2 kgs hammer
- 1 PC. Axle puller

Auto Body Repair Tool

9CF110

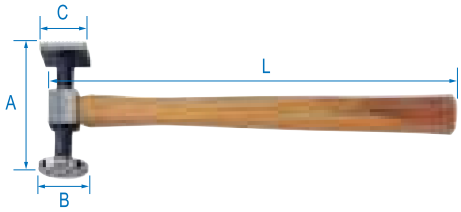
- Bumping hammer - rough



KT NO.	A mm	B mm	C mm	L mm		
9CF110	98.5	38	40	325	440.0	6 / 36

9CF120

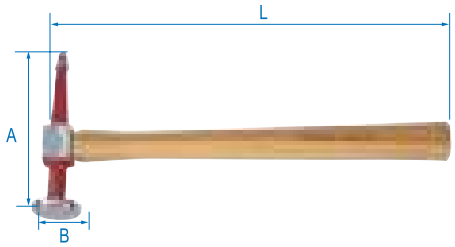
- Light shrinking hammer - smooth



KT NO.	A mm	B mm	C mm	L mm		
9CF120	98	40	38	325	467.0	6 / 36

9CF130

- Straight pick & finishing hammer



KT NO.	A mm	B mm	L mm		
9CF130	138	40	325	467.0	6 / 36

Auto Body Repair Tool

9CF131

- Curved pein & finishing hammer

KT NO.	A mm	B mm	L mm		
9CF131	140	40	325	467.0	6 / 36

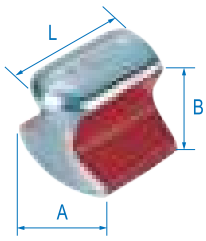
9CF132

- Stright pein & finishing hammer

KT NO.	A mm	B mm	L mm		
9CF132	141	40	325	460.0	6 / 36

9CF210

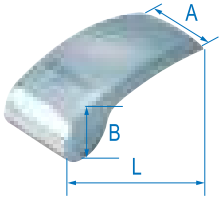
- Utility dolly



KT NO.	A mm	B mm	L mm		
9CF210	69	64	42.3	1.38	6 / 12

9CF220

- Curved dolly



KT NO.	A mm	B mm	L mm		
9CF220	58.6	45	133	1.63	6 / 12

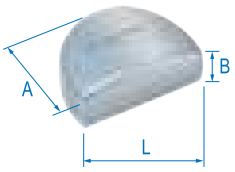
Auto Body Repair Tool & Set

CAUTION

Please wear proper safety gear while working.

9CF230

- Heel dolly



KT NO.	A mm	B mm	L mm	Kg	
9CF230	60	30	79.3	1.13	6 / 12

9CF241

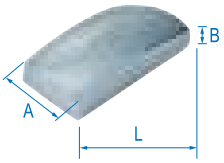
- Thin toe dolly

KT NO.	A mm	B mm	L mm	Kg	
9CF241	55	24	118	0.96	6 / 12

9CF240

- Toe dolly

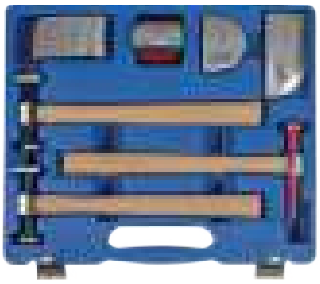
KT NO.	A mm	B mm	L mm	Kg	
9CF240	58.5	29.1	121	1.40	6 / 12



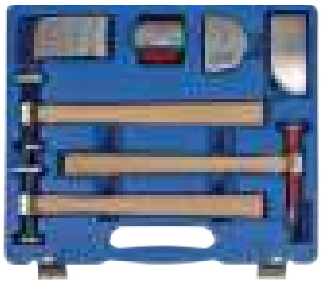
9CF-107 9CF-207 9CF-307

- All drop forged medium(SAE/AISI 1045,1055) carbon steel
- Hammers are hardened and tempered, including 3 hardwood handled hammers and 4 dollies

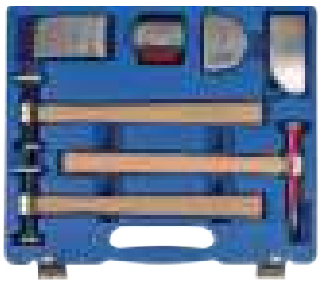
7 PC.



9CF-107



9CF-207



9CF-307

KT NO.	Contents			Kg	
9CF-107	9CF130	9CF240	9CF110	7.5	1 / 2
9CF-207	9CF131	9CF241	9CF120	7.1	
9CF-307	9CF132		9CF220 9CF230	7.1	
			9CF210		

Pneumatic Dent Puller

9CH212

- With 3 LB (1.36 kgs) sliding hammer
- With brass valve and 1/4" air plug
- With 13" length inlet hose
- With 2 PC. pads (120mm , 150mm)
- Air exhaust from the handle

17 | 1/4

Bodywork File & Set

9CM01

- Used for sheet-metal working
- Suitable for flat and curved surfaces
- Double-sides file with radial shape
- Lightweight aluminium body
- 1 PC. file included

9CM11

9CM209

KT NO.	Version	Teeth inch	Length mm	kg	
9CM01	rough	8	355	1.58	1 / 20

9CM2

- Used for sheet-metal working
- Suitable for flat and curved surfaces
- Double-sides file with radial shape
- For 9CM11

KT NO.	Version	Teeth inch	Length mm	kg	
9CM209	rough	8	355	0.33	1 / 50
9CM212	fine	12	355	0.33	1 / 50

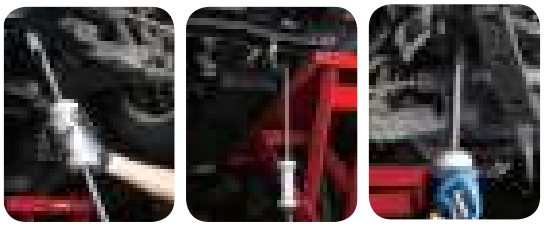
Slide Hammer Bodywork Puller Set

9CH01

- 6 lbs / 2.7 kgs slide hammer with 540 mm shaft make more powerful
- Variety attachment adaptor suitable for different situation
- Use for vehicle body panel and chassis or other metal distortion etc…

8.5 | 1/2

CONTENTS:
- 1 PC. 540 mm handle shaft
- 1 PC. 6 lbs / 2.7 kgs hammer
- 1 PC. Large curve hook
- 1 PC. Small curve hook
- 1 PC. Large 90° hook
- 1 PC. Small 90° hook
- 1 PC. Flat squashed attachment
- 1 PC. Straight attachment
- 1 PC. Double attachment
- 1 PC. Tapping screw
- 1 PC. Hook attachment with chain



Putty Knife

9CJ1112 1-1/4"

KT NO.	A inch	A mm	L inch	L mm	g	
9CJ1112	1-1/4	32	8-1/2	218	60.0	24 / 144

9CJ1120 2"

KT NO.	A inch	A mm	L inch	L mm	g	
9CJ1120	2	50	8-1/2	218	70.0	24 / 144

Putty Knife

9CJ1130 3"

KT NO.	A inch	A mm	L inch	L mm	g	
9CJ1130	3	76	8-1/2	218	82.0	24 / 144

Stainless Steel Putty Knife Set

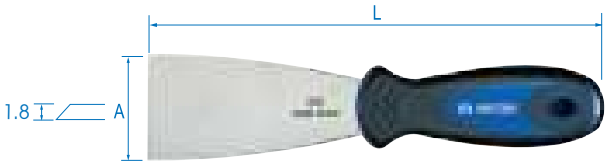
9CJ013

3 PC.

Contents 0.2 10 / 40

Bolstered Scraper

9CJ2120 2"



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ2120	2	50	8-1/2	218	140.0	24 / 144

Stainless Steel Bolstered Scraper Set

9CJ023

3 PC.

Contents 0.4 10 / 40

Bolstered Scraper

9CJ2112 1-1/4"

KT NO.	A inch	A mm	L inch	L mm	g	
9CJ2112	1-1/4	32	8-1/2	218	120.0	24 / 144

9CJ2212 1-1/4"

KT NO.	A inch	A mm	L inch	L mm	g	
9CJ2212	1-1/4	32	8-1/2	218	120.0	24 / 144

Pinch Weld Scraper

9CJ3104 1/2"

KT NO.	A inch	A mm	L inch	L mm	g	
9CJ3104	1/2	12	6-1/2	168	75.0	24 / 144

9CJ3105 5/8"

KT NO.	A inch	A mm	L inch	L mm	g	
9CJ3105	5/8	15	8-1/2	218	108.0	24 / 144

Pinch Weld Scraper

9CJ3106 3/4"

KT NO.	A inch	A mm	L inch	L mm		
9CJ3106	3/7	19	6-1/2	168	75.0	24 / 144

Multi Purpose Single Edge Razor Scraper

9CJ61-40

- Ideal for scraping labels and decals
- Comfortable TPR handle for maximum grip
- Accepts all standard single edge razor blades

KT NO.	A inch	A mm	L inch	L mm		
9CJ61-40	1-1/2	40	9	235	145.0	6 / 72

Stainless Steel Pinch Weld Scraper Set

9CJ033

3 PC.

Contents — 0.3 kg — 10 / 40

9CJ3104 9CJ3105 9CJ3106

Mini Panel Removal

9CI1101

KT NO.	L inch	L mm		
9CI1101	8	202	14.0	30 / 360

9CI1102

KT NO.	L inch	L mm		
9CI1102	8	202	13.0	30 / 360

9CI1103

KT NO.	L inch	L mm		
9CI1103	8	202	16.0	30 / 360

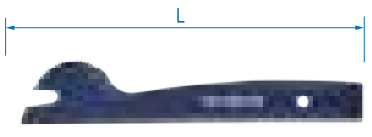
9CI1201

KT NO.	L inch	L mm		
9CI1201	8	202	43.0	24 / 192

9CI1202

KT NO.	L inch	L mm		
9CI1202	8	202	28.3	40 / 320

9CI1203



KT NO.	L inch	L mm		
9CI1203	8	202	20.8	24 / 228

Mini Panel Removal Set

9CI016

- Easy to remove small trim items and panels with slim profile
- Made from impact resistant high quality nylon
- Applicable: Air vents, door panels, door locks, dash trim, internal fittings, etc…

0.3 | 12 / 48

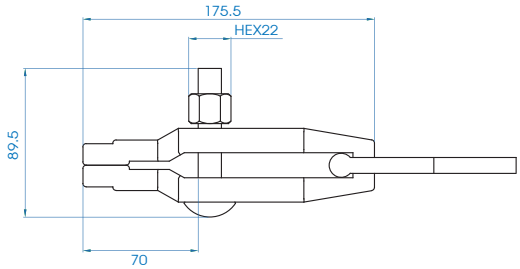
6 PC.

Long Nose Clamp

9CD14 new

- Drop forged chrome molybdenum alloy steel for maximum strength
- Jaw width: 32mm
- 3 Ton straight pulling capacity

1.83 | 1 / 10

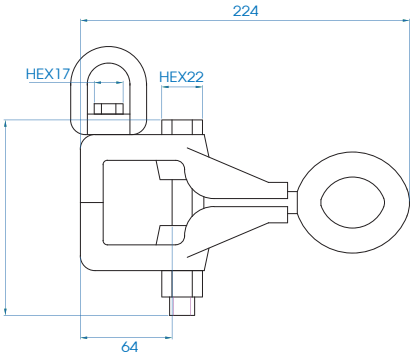


Large Pull Clamp With Top Pull

9CD21 new

- Drop forged chrome molybdenum alloy steel for maximum strength
- Jaw width: 37mm
- Two-way pull operation
- Dual self-tightening serrated jaws for a positive grip

2.45 | 1 / 6

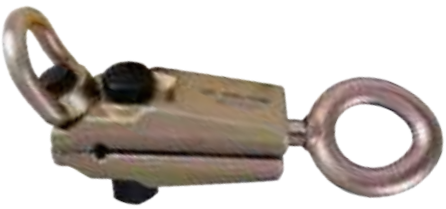


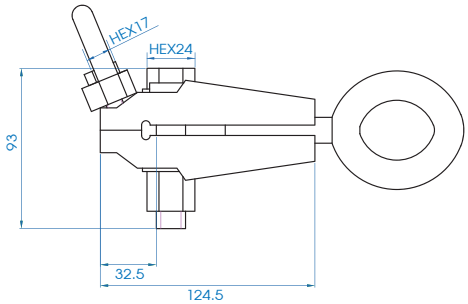
Small Pull Clamp With Top Pull

9CD31 new

- Drop forged chrome molybdenum alloy steel for maximum strength
- Jaw width: 44mm
- 44mm wide mouth with teeth
- With top pull and 360 degree self tightening pull ring
- Dual self-tightening serrated jaws for a positive grip
- Ideal for work in tight areas

2.38 | 1 / 6





Windscreen Remove Tool Set

9CW01

- Use for removing glued of vehicle windows
- Use A with C to pierce the wire through the adhesive beads
- Use the cutting wire with B to remove adhesive beads

CONTENTS :
- A - Wire feeder tool
- B - Wire pull handle - pair
- C - Triangle cutting wire - 22 meters

KT NO.	Wire L m	T Handle L mm	g	
9CW01	22	330	456	8 / 32

Double Suction Pad Holder

9CW21

- Lifting up to 65 kg in horizontal position
- Adjustable handle designed for curved surface
- Ø 120mm rubber vacuum cup can prevent from the damage of surface and grip tightly
- Use for holding glass, tiles, sheet metal, etc…

KT NO.	Ø mm	Load capacity kg	g	
9CW21	120	65	805	4 / 8

Single Suction Pad Holder

9CW22

- Lifting up to 40 kg in horizontal position
- Ø 120mm rubber vacuum cup can prevent from the damage of surface and grip tightly
- Use for holding glass, tiles, sheet metal…

KT NO.	Ø mm	Load capacity kg	g	
9CW22	120	40	351	6 / 48

Alternator Tool & Set

- Specialized in removing & installing freewheel pulleys on alternator.
- Ideal for dismantling and assembling the free wheel pulley while changing the alternator or pulley.
- The pulley shaft is held in place with the bit on 1/2"DR. socket whilst the nut is undone using the 33 teeth union nut with 19mm spanner
- Suitable generator brand: Bosch, Valeo, Magetic Marelli,Denso, etc.
- It's also interchangeable and comprehensive components to work on VW, Audi, Citroen/ Peugeot, Mercedes, Renault, BMW, Flat, Ford, Toyota, etc

9DA103 1/2"

M10 spline

KT NO.	Size	Overall length mm	g	
9DA103	M10	113	151	10 / 120

9DA104 1/2"

T50 Star

KT NO.	Size	Overall length mm	g	
9DA104	T50	113	151	10 / 120

Alternator Tool & Set

9DA022

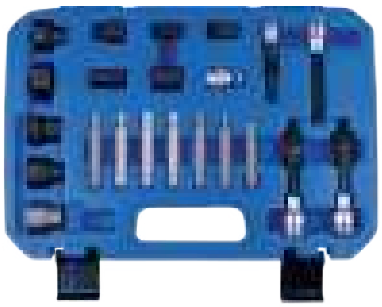
- Specialized in removing & installing freewheel pulleys on alternator
- Suitable generator brand : Bosch, Valeo, Magetic Marelli, Denso, etc.
- It's also interchangeable and comprehensive components to work on VW, Audi, Citroen/Peugeot, Mercedes, Renault, BMW, Fiat, Ford, Toyota, etc.

22 PC.

CONTENTS:

- 3 PC. Combined bit socket –
- 3/8"DR. x M10 x 90mmL / 1/2"DR. x T50 x 113mmL / 1/2"DR. x M10 x 113mmL
- 1 PC. Spline bit socket 1/2"DR x M10 x 110mmL
- 3 PC. 33 teeth socket –15mm HEX x19mm / 15mm Hex x17.5mm / 22mm Hex
- 2 PC. Hex nut –22mm x 30mmL (Ø12.0mm) / 17mm x 35mmL (Ø14.7mm)
- 1 PC. - 35mm Round x 17mm hex (four pin)
- 1 PC. - 38mm Hex adaptor (three pin)
- 1 PC. - 28.6mm Round x H28 x H22 x 32mmL
- 2 PC. - Hexagon head nut –28H x H19 x 35mmL / 28H x H21 x 36mmL
- 1 PC. - M10 x H12 bit 64mmL
- 6 PC. - 10mm shank head bits 75mmL –T40 / T50 / M8 / M10 / H8 / H10
- 1 PC. - 1/2"DR. Bit holder

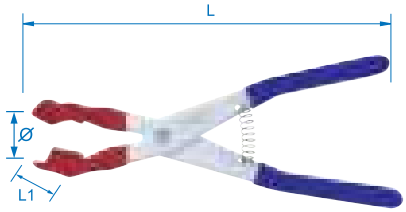
2.57 | 1 / 5



Spark Plug Boot Pliers

9DB201

- Remove spark plug cables safely and prevent cable damge
- Pliers' handles and jaws are coated with a heavy-duty plastic for sure grip

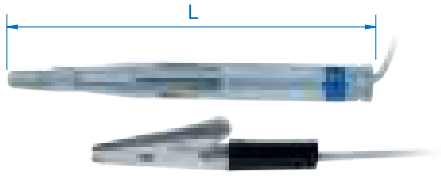


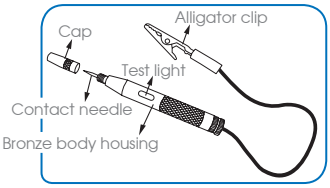
KT NO.	L mm	Ø mm	L1 mm	g	
9DB201	260	14~18	20	266	12 / 48

Circuit Tester

9DC22

- Bronze body housing
- Cover cap for contact needle
- Bulb of 24V/3W interchangeable
- Test voltage 6~24V
- For application of D.C. circuits only



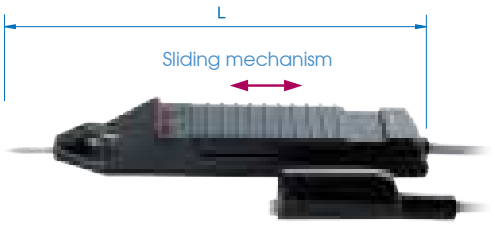


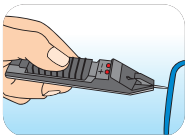
KT NO.	L mm	Test range	g	
9DC22	107	6~24V	50.0	20 / 200

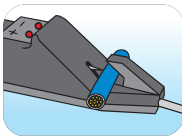
Automotive Voltage Tester

9DC23

- Insulated alligator clip with 150 cm cable
- 2 LEDs indicate positive(+)/negative(-) polarity
- Test voltage 3~48V
- For application of D.C. circuits only
- Two testing methods as illustration







KT NO.	L mm	Test range	g	
9DC23	150	3~48V	52.0	10 / 100

Digital Display Circuit Tester

9DC242

- For 6/12/24V DC systems
- For application of DC circuits only
- Check if the circuit is electrified or not by stainless steel stylus
- Bigger heavy duty insulated alligator ground clip
- 3M long retractable cable
- LCD display easy to read digital voltage display
- Powered from the power source being measured, no batteries required
- CE approval EN 61000-6-3(2007) , EN 61000-6-1(2007)
- Do not use on air bags
- Ultra-V will burn circuit board

Specification	
Measured valtage	5~28V
Testing current	<10mA
Operating temp	-10~50° C
Operating humidity	<80%

KT NO.	Test Range	g	
9DC242	6, 12, 24	225	10 / 60

Positive (+) polarity

Negative (-) polarity

Circuit Tester with Nixie Display

9DC243

- For 12/24/48V DC systems
- For application of DC circuits only
- Check if the circuit is electrified or not by stainless steel stylus
- Test by car battery or negative ground conversion
- 3M long retractable cable
- 1M extension cable
- Powered from the power source being measured, no batteries required
- Nixie display easy to read digital voltage display
- CE approval EN 61000-6-3(2007) , EN 61000-6-1(2007)
- Do not use on air bags
- Ultra-V will burn circuit board

Specification	
Measured valtage	0.3~60V
Testing current	<10mA
Operating temp	0~50° C
Operating humidity	≦ 80%

KT NO.	Test range	g	
9DC243	12, 24, 48	277	10 / 60

Positive (+) polarity

Negative (-) polarity

Battery Tester

9DD21

- Test battery hydrometer quickly
- Use to check battery condition and charge state
- Detects hot or cold overcharge accurately
- Tests all 6, 12, 24 volt system

85 10 / 100

Mechanic's Stethoscoper

9DH11

- Ears covered with plastic, effective to separate from outside noise
- 210mm extension probe can expand the space while operating or using in narrow space
- Quickly to find and detect the abnormal noise with the probe
- Use for detecting various vehicles parts or machine equipment

147 12 / 72

Digital Glow Plug Tester

9DM1A1

- Suitable for steel and ceramic glow plugs
- LCD Display
- Short circuit protection & reverse charging protection
- Auto power off: 110 seconds
- 9V battery*1 (included)
- CE approval

KT NO.	Glow Plug(V)	Size(mm) L x W x H		
9DM1A1	3.5-4.4-5-7-8.5 10-11-24	135 x 78 x 33	356	6 / 36

Gasoline Engine Injection Pressure Tester Kit

9DP1101

- Used to identify and diagnose low fuel pressure
- Shockproof gauge with dual reading of 0~120 PSI and 0~8 bar
- Various kit of adapters for most injection systems of European, Japanese and American vehicles, includes Bosch CIS, GM TBI and MFI system

5.0 kg 1 / 4

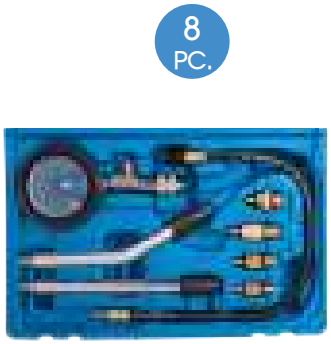
No.	Dedcription	No.	Dedcription
1	1 PC. (0-120 psi/0-8bar)	20	1 PC. Adapter (M14 male-female)
2	1 PC. Connector Hose	21	1 PC. Adapter (M10 male-M12 male)
3	1 PC. Connector Hose	22	1 PC. Adapter (M10 female-M12 male)
4	1 PC. Connector Hose	23	1 PC. Adapter (M8 female-M12 male)
5	1 PC. Connector Hose	24	2 PC. Adapter (M8 male-M12 male)
6	1 PC. Connector Hose	25	1 PC. Adapter (M14 male-M12 male)
7	1 PC. Connector Hose	26	1 PC. Adapter (M16 male-M12 male)
8	1 PC. Connector Hose	27	1 PC. Adapter (Banjo bolt M12)
9	2 PC. Connector Tube (5/8"-18 male nut)	28	1 PC. Adapter (Banjo bolt M12)
10	2 PC. Connector Tube (5/8"-18 invert flare nut)	29	1 PC. Adapter (Banjo bolt M10)
11	2 PC. Adapter (M16 female~5/8")	30	1 PC. Adapter (Banjo bolt M8)
12	2 PC. Adapter (M14 female~3/8")	31	1 PC. Adapter (Banjo bolt M6)
13	2 PC. Adapter (M16 female~3/8")	32	1 PC. Adapter
14	2 PC. Adapter (M14 female~3/8")	33	1 PC. Adapter (M8 male-M12 male)
15	2 PC. Adapter (M16 ar-10mm)	34	1 PC. Adapter (M16 female-M12 male)
16	1 PC. Adapter	35	1 PC. Adapter (M14 female-M12 male)
17	1 PC. Manifold Adapter	36	1 PC. Gauge Hook
18	1 PC. Manifold Adapter	37	1 PC. Repair Pack
19	1 PC. Adapter (90 degrees)		

Gasoline Compression Tester Kit

9DP130

- Suitable for petrol engines on lawn mowers, motorbikes, cars, trucks and so on.
- Quickly diagnose problems with pistons, rings, and valves
- Gauge has dual color scale with 0-300 PSI, 0-20 Kpa
- Easy pressure release button on side of tester
- Brass corrosion resistant fittings

KT NO.	Max Pressure	g	
9DP1301	300PSI / 20Kpa	1206	1 / 10
9DP1302	300PSI / 20Kpa	1100	1 / 10



9DP1301

9DP1302

Diesel Engine Compression Tester Kit

9DP2301

- Suitable for testing cars and light commercial vehicles with direct or indirect injection on diesel engine
- Gauge reading range from 0-1000 psi (0-70 bar)
- Includes a pressure gauge, various connect adapter and replacement seal & washer

2.58 kg 1 / 6

11 PC.

No.	Dedcription
A	1 PC. 2-1/2" gauge with 420mm hose
B	1 PC. Glow plug adapter (73.5mm*M10*1.25)
C	1 PC. Glow plug adapter (54mm*M12*1.25)
D	1 PC. Glow plug adapter (72mm*M14*1.25)
E	1 PC. Dummy injector (114mm)
F	1 PC. Dummy injector (64mm*M24*2.0)
G	1 PC. Stanadyne dummy (112mm)
H	1 PC. Glow plug adapter (114mm*M10*1.25)
I	1 PC. Glow plug adapter (119mm*M10*1.0)
J	1 PC. Dummy injector (75mm*M20*1.5)
K	1 Set Seal & washer
L	1 PC. 90° Elbow
M	1 PC. Clamp plate

Oil Pressure Tester Kit

9DP3201

- Suitable for testing engine oil pressure and transmission pressure
- Applicable to both gasoline and diesel engines, also suitable for passenger cars and light trucks
- Gauge reading range from 0-150 PSI (0-10 bar)
- Provided with an oil filter clamp for piercing through oil filter canister when oil pressure switch is hard to access

2.1 kg 1 / 5

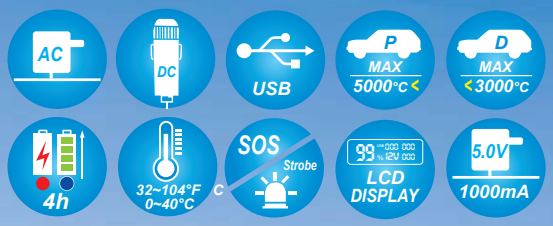
Adapter

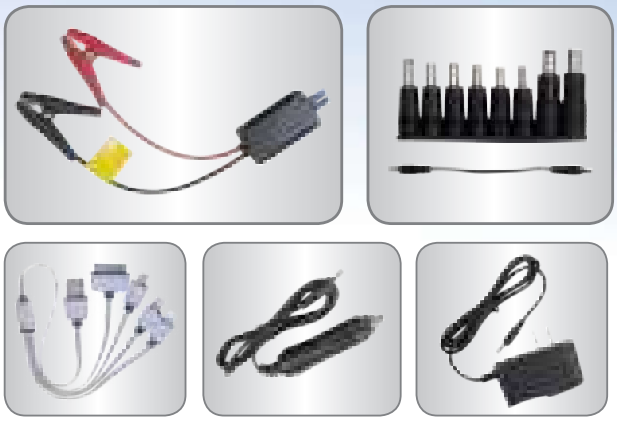
Black (Imperial threads)	Silver (Metric threads)
1/2" x 20 UNF	M10 x P1.0
3/8" x 20 UNF	M12 x P1.5
1/4" x 18 NPTF	M14 x P1.5
1/8" x 27 UPT	M16 x P1.5
R 1/8" DIN	M18 x P1.5

Multi-function Jump Starter

9DS11-16

- Lithium battery LiCo02 16000mAh / 59.2 WH
- Easy to check voltage and power from the screen
- Three-function LED torch : normal, flashing , SOS
- Two 5V USB output ports (mobile phones, MP3, etc…)
- 12V/16V/19V output ports
- 15V/1A input port (in-car charger)
- User-friendly design: Micro USB input port
- Intelligent battery clamp, prevent improper operation by buzzer sound





KT NO.	Capacity mAh	Cranking amp	Peak amp	L x I x E mm		Applicable area	g	
9DS11-16A						Europe	485	1 / 20
9DS11-16B	16000	300	600	185 x 75 x 33		America & Asia	485	1 / 20
9DS11-16D						Australia & New Zealand	485	1 / 20

Universal Terminal Release Tool Set

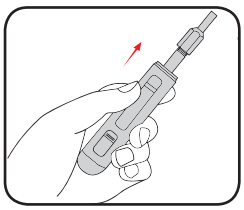
9DT11

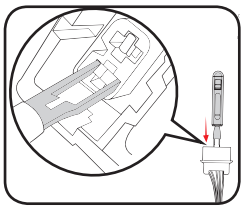
12 PC.

- Suitable for most of the vehicles, VW Group, BMW, Opel, Renault, Ford, Daimlerchrysler, Fiat, Toyota and Saab
- Use to loose contacts easily or carry out other applications in the field of car electricity

A	9DT11-1	ABS 4.0mm round terminal
B	9DT11-2	3.5mm round terminal
C	9DT11-3	1.5mm round terminal
D	9DT11-4	Maxi power timer
E	9DT11-5	Pit pod / Faston 6.3mm
F	9DT11-6	JPT / SPT
G	9DT11-7	Micro timer 11
H	9DT11-8	Standard tool
I	9DT11-9	Standard 2.72mm
J	9DT11-10	Standard 1.48mm
K	9DT11-11	Standard 1.89mm
L	9DT11-12	Micro standard

850.0 | 1 / 10





Extra Option for Packing with EVA

9DT11E

11 PC.

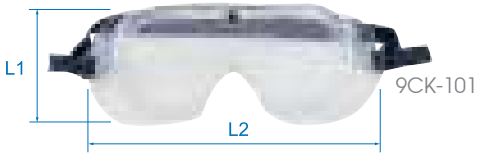
- Quick and professional repair of malfunctions due to loose contacts
- Use on universal application in the field of the car electricity
- Application for most of vehicles , VW Group , BMW , Opel , Renault , Ford , Daimlerchrysler , Fiat , Toyota , Saab

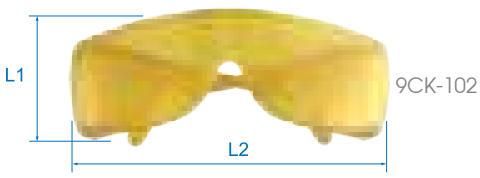
1023.0 | 1 / 10

Safety Goggles

9CK

- Soft PVC frame & lens high impact clear polycarbonate
- Anti-dust and anti-impact vents



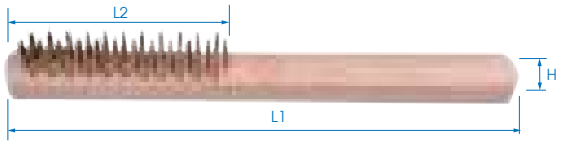


KT NO.	L1 inch	L1 mm	L2 inch	L2 mm		
9CK-101	2-7/8	74	6	153	70.0	20 / 200
9CK-102	2-1/2	63	6-1/4	170	38.0	6 / 60

Steel Wire Brush

9CZ101

- Material : wood handle / steel wire
- Wire brush with three rows



KT NO.	H mm	L1 mm	L2 mm		
9CZ101	22	258	105	65.0	24 / 144

Pressure Oil Can

9TB225

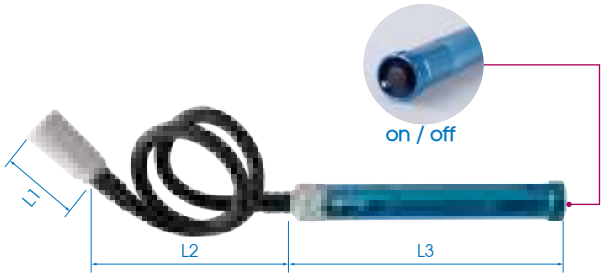
9TB500

- Material: Plastic body (9BT225)
- Material: Metal body (9BT500)

KT NO.	Capacity c.c.	g	
9TB225	225	103.0	1 / 160
9TB500	500	302.0	10 / 60

Flexible A/C Detective Light

9TQ31



KT NO.	L1 mm	L2 mm	L3 mm	g	
9TQ31	34	400	140	107	1 / 5

A/C Leak Detector UV Light & Safety Glasses

9TQ03

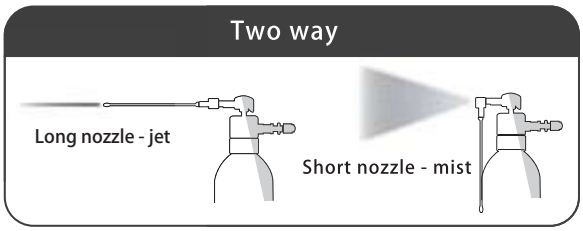
- Universal tube(40cm) designed to reach into narrow space
- 3-UV light bulb with safety glasses
- Works with two LR3 AA batteries (not include)

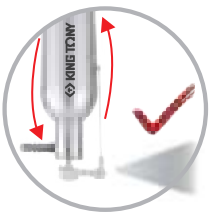
KT NO.	Contents		g	
9TQ03	9TQ31	1 PC.	263	1 / 18
	9CK-102	1 PC.		

Refillable Pressure Sprayer

9TBA650

- Suitable for lubrication, cleaning brake systems, removing dust and being anti-rust
- Two-position folding nozzle for a standard or long stream spray pattern for narrow and areas which are difficult to reach
- Aluminum canister
- Do not use with strong chemical or corrosive fluid





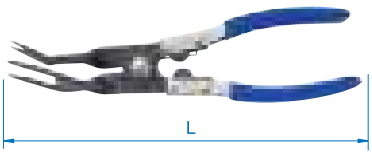
CAUTION Always wear eye protection while using this tool

KT NO.	L inch	L mm	g	
9TBA650	11	287	290	1 / 12

Clip Removal Pliers

9TC101

- For removal of door inner-linings and other trim items held in place by plastic rivets



KT NO.	L inch	L mm	g	
9TC101	9	230	241.0	12 / 48

Pry Bar & Set

- Grip material - PP+TPR
- Chrome vanadium alloy steel

9TK1

- Packaged in plastic tray
- Pry bars are for prying and levering
- Sturdy blade minimizing lever spring effect
- It's hardened and tempered for maximum durability

KT NO.	L mm		
9TK108	204	140.4	6 / 72
9TK112	312	286.0	6 / 48
9TK118	458	547.0	6 / 48
9TK124	608	677.2	6 /36

9TK014

4 PC.

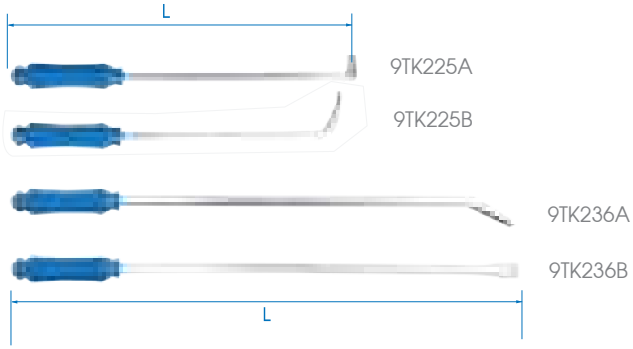
Contents | 1.87 | 5 / 10

9TK108
9TK112
9TK118
9TK124

Jumbo Pry Bar

9TK2

- For heavy-duty application
- Includes straight, 90, 45, 30 degree tip for variety situation to use
- Extra long pry bar makes more powerful for prying and levering

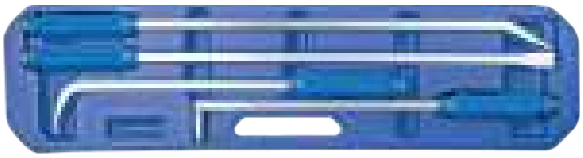


KT NO.	L inch	L mm	Type		
9TK225A	25	625	90°	1.62	1 / 6
9TK225B	25	625	45°	1.51	1 / 6
9TK236A	36	920	30°	2.07	1 / 12
9TK236B	36	920	Straight	2.06	1 / 12

Jumbo Pry Bar Set

9TK024

4 PC.



Contents | 9.34 | 1 / 10

9TK225A
9TK225B
9TK236A
9TK236B

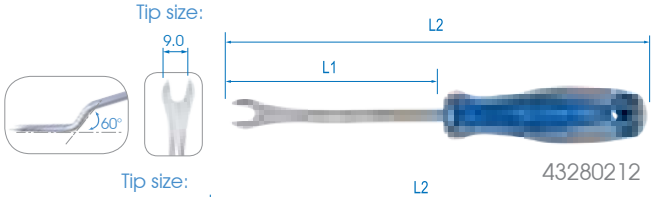
Door Upholstery Remover

- Grip material - PP+TPR
- Chrome vanadium alloy steel

43280212

48280180

- Special tool to remove the lining and clip of the car



43280212

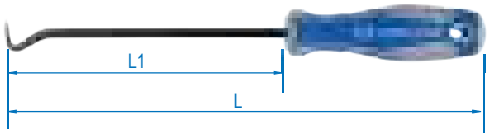
48280180

KT NO.	Tip mm	Dia x length(mm) L1	L2		
43280212	9	8 x 120	240	140.0	12 / 144
48280180	5.5	6.35 x 100	210	92.6	12 / 144

Hook & Pick Set

43250115Y

- 10" Bent-pick

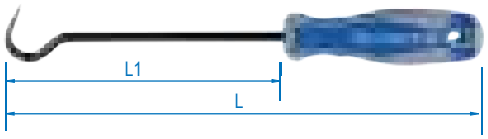


KT NO.	L mm	L1 mm		
43250115Y	260	150	93.8	12 / 144

Hook & Pick Set

43260115Y

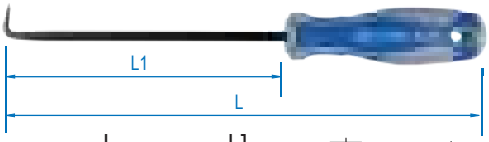
- 10" Hook-pick



KT NO.	L mm	L1 mm		
43260115Y	260	150	95.0	12 / 144

43270115Y

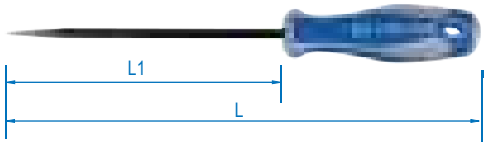
- 10" 90L-pick



KT NO.	L mm	L1 mm		
43270115Y	260	150	94.4	12 / 144

43290115Y

- 10" Straight-pick

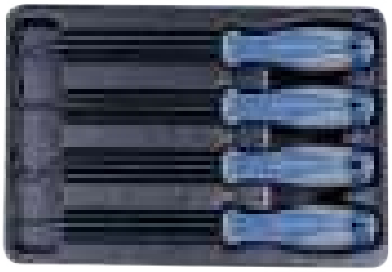


KT NO.	L mm	L1 mm		
43290115Y	260	150	90.0	12 / 144

9-30904AY

- Use for scribing, alignment, installing and removing
  O rings, seals, cotter pins and washers

4 PC.



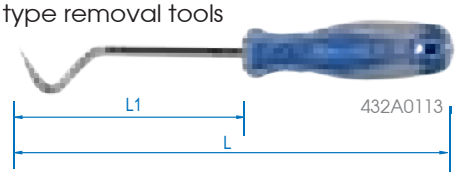
Contents	425.4	1 / 8
43250115Y	43270115Y	
43260115Y	43290115Y	

Radiator Hose Removal Tools

- Grip material - PP+TPR
- Chrome vanadium alloy steel

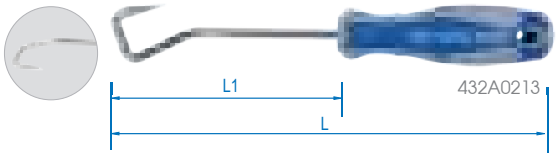
432A0113

- 9-1/2" Lightning type removal tools



432A0213

- 9-1/2" U type removal tools



KT NO.	L mm	L1 mm		
432A0113	240	130	93.2	12 / 96
432A0213	240	130	100.8	12 / 96

Magnetic Flexible Handle

- Grip material - PP+TPR

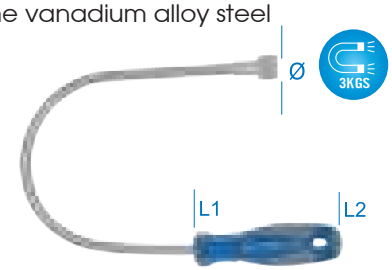
2121

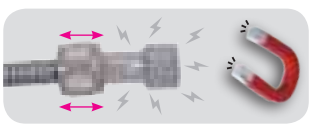
- Enhanced flexible conduit for perfect shaping
- More powerful magnetic force

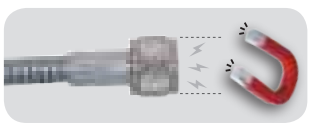
KT NO.	Size	Dia x length(mm) L1	L2	Magnetic power(kg)		
2121-12	12"	Ø 5 x 305	415	0.5	100.0	1 / 100
2121-18	18"	Ø 5 x 455	565	0.5	120.0	1 / 80

2121A-15 new

- Powerful magnet retrieves metal objects up to 3kg
- Slide cap prevents retrieving foreign objects
- Enhanced flexible conduit for perfect shaping
- Grip Material-PP+TPR
- Chrome vanadium alloy steel





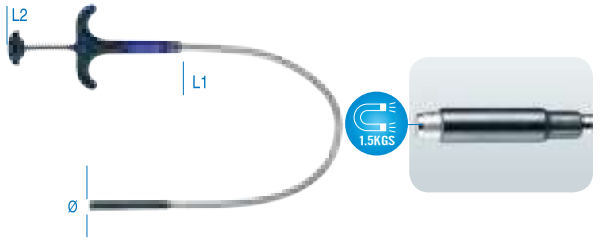


KT NO.	Size	Dia x length(mm) L1	L2	Magnetic power(kg)		
2121A-15	15"	Ø18 x 381	495	3	162.4	1 / 14

Magnetic Pickup Tool

2124

- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- More powerful magnetic force
- Comfortable pushing strength

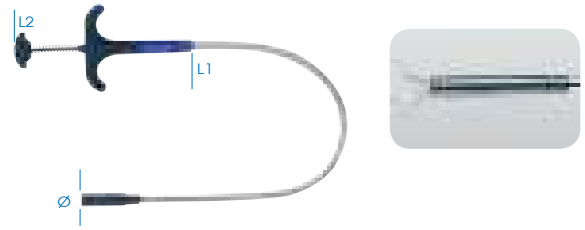


KT NO.	Size	Dia x length(mm) L1	L2	Magnetic power(kg)	g		
2124-18	18"	Ø13.5 x 450	610	1.5	181.0	1 / 36	

Claw Pickup Tool

2126

- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- Maximum claw width 1-1/4"
- Comfortable pushing strength



KT NO.	Size	Dia x length(mm) L1	L2		g		
2126-18	18"	Ø11 x 450	610	1-1/4"	181.0	1 / 36	

Auto Inspection Tool Set

9TQ01

- Contents:

9TQ01-1
Stainless steel telescopic bar
9TQ01-2
3.5 lbs. magnet pick-up with LED light
9TQ01-3
Strong 8.0 lbs. magnet pick-up
2126-18
1/4"DR. T handle swivel head reversible ratchet
9TQ01-4
Round magnetic dish Dia. 100mm
9TQ01-5
Round inspection mirror-Dia. 50mm
9TQ01-6
Rectangular inspection mirror 89 x 50mm

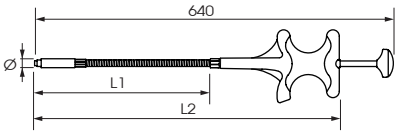
Kg 1.52 1 / 5

7 PC.

3 in 1 Pickup Tool

2129-24

- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- More powerful magnetic force
- Hook type claw
- Clamp light
- Comfortable pushing strength
- Lithium cell: LR521 x 3



KT NO.	Size	Dia x length(mm) L1	L2	Magnetic power(kg)		g		
2129-24	24"	Ø13 x 470	570	1.0	1-1/4"	280	12 / 48	

Telescoping Magnetic Pick-Up Bar

2128-26

- Pen style for carring conveniently

KT NO.	Exlendable Length mm	Magnetic Power	g		
2128-26	130~640	3.5LBS/1.6KGS	45.6	50 / 200	

10-1/2" Heavy Duty Replaceable Tip Circlip Pliers Set

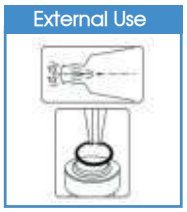
45115PP

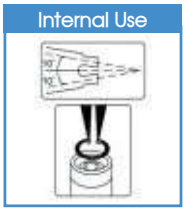
- Ideal for internal-external circlip removal and replacment
- Ratcheting locking action handles

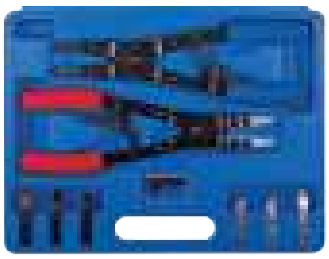
15 PC.

Contents

68GS-11	1 PC. Internal straight circlip pliers
68RS-11	1 PC. External straight circlip pliers
68GZ-01	2 PC. 0° Internal interchangeable
68GR-01	2 PC. 15° Internal interchangeable
68GQ-01	2 PC. 45° Internal interchangeable
68GB-01	2 PC. 90° Internal interchangeable
68RZ-01	2 PC. 0° Internal interchangeable
68RR-01	2 PC. 15° External interchangeable
68RQ-01	2 PC. 45° External interchangeable
68RB-01	2 PC. 90° External interchangeable
68ZZ-01	6 PC. Screw(M5x0.8)







KT NO.	L inch	L mm	Spread inch	Spread mm	Ømm	Ømm	kg	
45115PP	10-1/2	267	2	50	-	-	1.30	1 / 10
68GS-11	10-1/2	267	2	50	60~100	3	0.31	25 / 50
68RS-11	10-1/2	267	2	50	40~85	2.75	0.32	25 / 50

16" Internal-External Heavy Duty Circlip Pliers Set

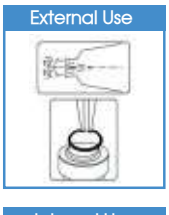
45211PP

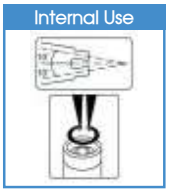
- Ideal for Internal-External circlip removing and replacment
- Ratcheting locking action handles

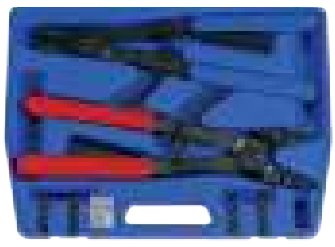
11 PC.

Contents

68GS-16	1 PC. Internal straight circlip pliers
68RS-16	1 PC. External straight circlip pliers
68GZ-02	2 PC. 0° Internal interchangeable
68GQ-02	2 PC. 45° Internal interchangeable
68GB-02	2 PC. 90° Internal interchangeable
68RZ-02	2 PC. 0° Internal interchangeable
68RQ-02	2 PC. 45° External interchangeable
68RB-02	2 PC. 90° External interchangeable
68ZZ-02	6 PC. Screw(M6x1.0)







KT NO.	L inch	L mm	Spread inch	Spread mm	Ømm	Ømm	kg	
45211PP	16	406	3-1/4	85	-	-	3.32	1 / 6
68GS-16	16	406	3-1/4	85	78~159	3	0.93	1 / 25
68RS-16	16	406	3-1/4	85	89~159	3	0.97	1 / 25

Kneeling Mat

9TG11

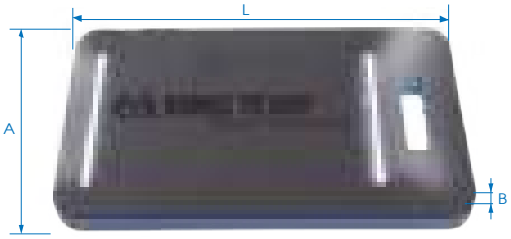
- Kneeling mat makes working more comfortable during repairing wheels, brakes and exhausts
- Make the chemicals and oil resistant
- Easily clean surface
- Light and small, easy to carry and available to hang it

KT NO.	L mm	A mm	B mm		
9TG11	455	214	30	125.7	1 / 18

LED Kneeling Mat

9TG12

- Kneeling mat with work lights for under car repair or useful as a head protector
- 24 SMD LED lights
- Brightness: 600 Lumen(lm)
- 3 x AA batteries not included
- Make the chemicals and oil resistant

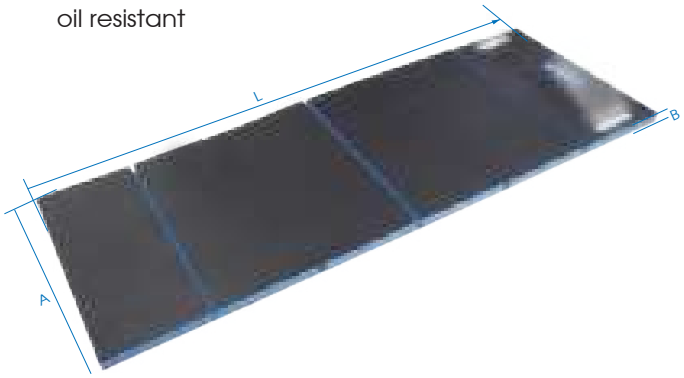


KT NO.	L mm	A mm	B mm		
9TG12	460	270	30	320	1 / 25

LED Folding Mat

9TG21

- Folding mechanics mat for mechanics sit /kneel and lie on it
- 24 SMD LED lights
- Brightness: 600 Lumen(lm)
- 3 x AA batteries not included
- Folds for easy storage
- Make the chemicals and oil resistant



KT NO.	L mm	A mm	B mm		
9TG21	1150	420	24	991.6	1 / 10

Plastic Car Creeper

87C23-B new

- Designed for 2 side storage trays , for easily picking up for small parts or tools
- Vinyl-covered foam pad brings more comfortable while working
- 280 lb. weight capacity
- 1-1/4" ground clearance

KT NO.	Size mm		
87C23-B	1010 x 475 x 130 (40")	5000	1

Steel Creeper

87C24-B new

87C25-B new

- Designed with comfortable sponge cushion
- 300 lbs capacity
- 6 PC. durable swivel casters
- Long size Vinyl-covered foam pad brings more comfortable while working
- All steel construction frame makes it more strong and durable

87C24-B

87C25-B

KT NO.	Size mm		
87C24-B	920 x 425 x 95 (36")	5600	1
87C25-B	1020 x 425 x 110 (40")	7400	1

Wing Protector

9TP11

- Protection from unwanted scratches, dents and dirt
- Magnetic attachment keeps paintwork safe from damage
- Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area

KT NO.	Size mm		
9TP11	1050 x 650	649	1 / 8

Wing Protector

9TP12

- Protection from unwanted scratches, dents and dirt
- Magnetic attachment keeps paintwork safe from damage
- Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area

KT NO.	Size mm		
9TP12	1050 x 650	649	1 / 8

9TP22

- Protection from unwanted scratches, dents and dirt
- Magnetic attachment keeps paintwork safe from damage
- Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area
- 3 suckers attached

- Sucker can be strongly adsorbed on the aluminum alloy material

KT NO.	Size mm		
9TP22	1050 x 650	650	1 / 8

Oil Drain Pan

9TT11-18

- This 18 litre Oil Drain Pan includes easy grip, large carrying handles and integral spout for pouring waste oil or fluids into a recycling container. The anti-splash lip prevents spillage. Ideal for draining antifreeze or oil. (Not suitable for spray gun cleaner)

CONTENTS :
- 18 litre capacity
- Anti-splash lip
- Integral spout
- Ideal for draining antifreeze or oil
- Meets PAHS regulations

KT NO.	L mm	W mm	H mm	g	
9TT11-18	681	570	130	920	15

Wheel Axle Oil Drain

9TT21-03

- When the professional technician reaches for an oil drainer pan it has to be light yet strong, a convenient size for the task in hand and easily cleaned
- The wheel Axle Oil Drain is designed for HGVs, features a 3 litre capacity and is fits snugly into the dish of the wheel to catch the waste oil as it is drained from the axle. It is also stable on the workshop floor and easy to handle

CONTENTS :
- Wheel axle oil drain pan with pouring lip
- Manufactured from PE plastic
- 3 litre capacity

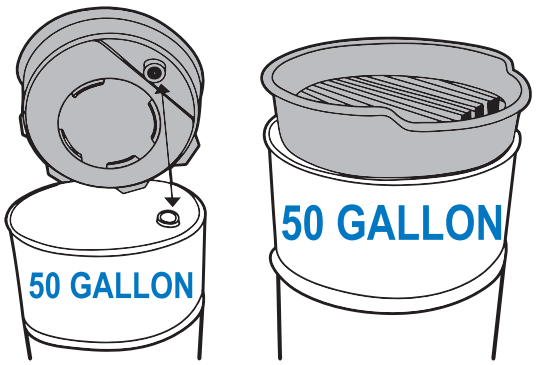
KT NO.	L mm	W mm	H mm	g	
9TT21-03	316	246	156	390	20

Drum Drain Basin

9TT31-20 new

- Plastic basin installed on drum for receiving waste oil
- Intended to be installed at a standard barrel, the drain lid marries with the barrel inlet allowing simple and efficient draining of waste oil from filters etc
- Features ribbed drainage channels and a filter gate to catch foreign objects

KT NO.	Ø mm	H mm	g	/
9TT31-20	600	155	1700	1 / 5



Pneumatic Brake Bleeder

9TV12-02

- Air operated, handle trigger and noise-reduction design, easy and quick to use
- Replace the old brake fluid without leakage
- With 1m silicon hose and universal rubber adapter

KT NO.	Type	Max. Capacity	Working pressure (Psi)	Temperature range	Air inlet	g	
9TV12-020	European	2 L	40~170	-19°C~60°C	1/4"	1050	1 / 12
9TV12-021	American	2 L	40~170	-19°C~60°C	1/4"	1050	1 / 12

10L Pneumatic Oil(ATF) & Liquid Dispenser

9TV13

- Use to extract, transfer and dispense fluid quickly, safety and cleanly
- Non-spark, one man in same step can operate
- Provide with the safety valve, pre-setting 43 psi (3 Bar), the exceed pressure will be relief automatically
- Provide with the pressure gauge, can be read & control the pressure in the tank more easily
- Provide 2 way control valve for dispensing more safety
- 8 PC. one touch transportation adapter

KT NO.	Max. Capacity	Working pressure (Psi)	Temperature range	Air inlet	kg	
9TV13-100	10 L	90	-19°C~140°C	1/4"	4.75	1

Manual Fluid Extractor

9TV21-09

- Capacity : 9 litre
- Use for extracting all types of engines oil, transmission fluid and lubricants of cars, marine, stationary, motorbikes engines etc...

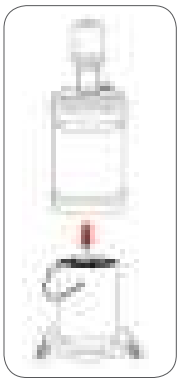
KT NO.	Max. Capacity	Temperature range	g	
9TV21-09	9 L	-19°C~90°C	4750	1 / 2

- Silicon hose x 1.2 m
- Nylon hose x 1.1 m
- Nylon hose x 1.0 m

Pneumatic Grease Pump 20L

9TU11

- The barrel body is made of high-grade steel plate. It can contain 5 gallons(20L) of barrel packed grease from all nations around the world
- Suitable for all sorts of machinery, vehicles, airplanes, ships, etc. The efficient instrument for infusing grease powerfully for lubrication & maintenance purpose
- Pump of separate type: utilize the principle of liquid getting pumped & driven by air compressor to draw in liquid. There are two independent & separate cycle systems of pump out there, which prevents air- compressor-exhaust moisture from getting to the grease inside the barrel and deteriorating its quality



KT NO.	Air Input Pressure (bar)	(psi)	Pressure Ratio	Grease Output Pressure (bar)	(psi)	Deliver Rate (cc/sec)	N.W.	G.W.	kg	CUFT
9TU11-20	4-9	60-130	45:1	180-405	2700-5850	30	17	20.5	21.0	6.4

Hand Grease Pump 20L

9TU21

- 20L tank for 5 gallons grease oil
- Suitable for #00,#0,#1,#2 grease oil
- Included 1.8m length hose & pistol sprayer
- 1/4" High pressure 10,000 psi W.P oilfield hose
- Portable equipment with single pull handle
- Suitable for all sorts of machineries, vehicles, airplanes, ships, etc

KT NO.	Transmission rate	Hose Length	N.W.	G.W.	CUFT
9TU21-20	4 cc/stroke	1.8 m	8.2 Kg	9.4 Kg	2.2'

Oil Transfer Bucket Pump 20L

9TW21

- Lever pump 20 L tank for oil
- Suitable for diesel fuel, lubricating oils up to SAE90 and
- Non-corrosive fluids.
- Included 1.8m length hose & sprayer
- Portable equipment with single pull handle

KT NO.	Deliver Rate	Hose Length	Outlet tube	N.W.	G.W.	CUFT
9TW21-20	65 cc/stroke	1.8m	3/8"	7.8 Kg	8.5Kg	2.2'

Notes

ST
STARTER

Ball Hex Key

ST1120MR new

- Extra long arm with ball point type
- DIN ISO 2936

KT NO.	mm	mm	mm	g	
ST112012MR	H12	57	262	283	8 / 48
ST112014MR	H14	70	294	441	8 / 48
ST112017MR	H17	80	337	740	4 / 32
ST112019MR	H19	89	379	1044	4 / 16

ST1145MR new

- Standard arm type
- Hex head
- DIN ISO 2936

KT NO.	mm	mm	mm	g	
ST114512MR	H12	57	137	166	10 / 120
ST114514MR	H14	70	154	261	6 / 72
ST114517MR	H17	80	177	439	4 / 48
ST114519MR	H19	89	199	619	4 / 32

Hex Key Set

ST20219MR

9 PC.

Spec.	Contents	kg		
Standard arm	ST1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.30	6 / 48

ST20213MR new

13 PC.

Spec.	Contents		kg	
Standard arm hex-head key	ST1145MR	H2, H2.5, H3, H4, H5, H6, H7, H8, H10, H12, H14, H17, H19	1.88	2 / 8

ST20219MY

9 PC.

Spec.	Contents		kg	
Standard arm	ST1145MY	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.30	6 / 48

ST20219MY1

9 PC.

Spec.	Contents		kg	
Standard arm	ST1145MY	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.28	10 / 80

ST20219SY

9 PC.

Spec.	Contents		kg	
Standard arm	ST1145SY	5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8	0.28	10 / 80

ST20209MR

9 PC.

Spec.	Contents		kg	
Extra long arm	ST1125MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.48	8 / 48

ST20207MY

7 PC.

Spec.	Contents		kg	
Extra long arm	ST1125MY	H3, H4, H5, H6, H7, H8, H10	0.54	8 / 48

ST20208MY

8 PC.

Spec.	Contents		kg	
Extra long arm	ST1125MY	H2, H2.5, H3, H4, H5, H6, H8, H10	0.48	8 / 48

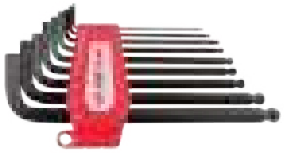
Hex Key Set

ST20139MY

9 PC.

Spec.	Contents	0.37 kg / 8 / 64
long arm / ball	ST1130MY	H1.5, H2, H2.5, H3, H4.5, H6, H8, H10

ST20139SY



9 PC.

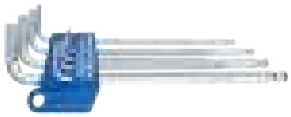
Spec.	Contents	0.39 kg / 8 / 64
long arm / ball	ST1130SY	5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8

ST20120MR

10 PC.

Spec.	Contents	0.35 kg / 6 / 60
long arm / ball	ST1130MR	H1.27, H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

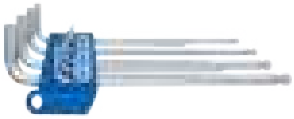
ST20109MR



9 PC.

Spec.	Contents	0.48 kg / 8 / 48
Extra long arm / ball	ST1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

ST20220MR



10 PC.

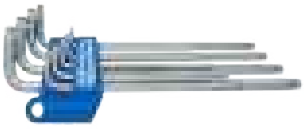
Spec.	Contents	0.48 kg / 8 / 48
Extra long arm / ball	ST1120MR	H1.27, H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

ST20203MR new

13 PC.

Spec.	Contents	3.3 kg / 1 / 3
Extra long arm / ball	ST1120MR	H2, H2.5, H3, H4, H5, H6, H7, H8, H10, H12, H14, H17, H19

ST20419PR



9 PC.

Spec.	Contents	0.47 kg / 8 / 48
Extra long arm / Tamper resistant	ST1127R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

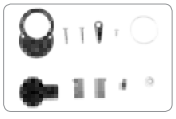
Socket Set

ST2346MR 1/4"

Blow case size (mm) :
254 x 147 x 46 (0.16 cuft)

Contents		1.06 kg / 1 / 12
2335M		4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
2033		T8, T10, T15, T20, T25, T30, T40
2035		H3, H4, H5, H6, H7, H8
2031		PH1, PH2, PH3
2032		4, 5.5, 7
2038		PZ1, PZ2, PZ3
1115-14		H1.27, H1.5, H2, H2.5
2766-55G	2791	2222-02 2222-04
2571-45	2312-06	2179

46 PC.



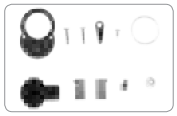
2766DK

Socket Set

ST4028MR | ST4028SR 1/2"

ST4528MR | ST4528SR 1/2"

Blow case size (mm) :
387 x 223 x 58 (0.18 cuft)



4766DK

ST4028MR/ST4528MR

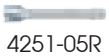
ST4028SR/ST4528SR

24 PC.

KT NO. | Contents | 4.1 kg | 1 / 4

ST4028MR	4330MRC	○ 8, 9, 10, 11, 12, 13, 14, 15, 16 ○ 17, 18, 19, 21, 22, 24, 27, 30, 32	○ 463021HC
ST4028SR	4330SRC	○ 5/16", 3/8", 7/16", 15/32" 1/2",9/16", 19/32", 5/8", 11/16" ○ 3/4", 25/32", 13/16", 7/8" 15/16",1", 1-1/16", 1-3/16", 1-1/4"	
ST4528MR	4335MRC	○ 8, 9, 10, 11, 12, 13, 14, 15, 16 ○ 17, 18, 19, 21, 22, 24, 27, 30, 32	○ 463521HC
ST4528SR	4335SRC	○ 5/16", 3/8", 7/16", 15/32" 1/2",9/16", 19/32", 5/8", 11/16" ○ 3/4", 25/32", 13/16", 7/8" 15/16",1", 1-1/16", 1-3/16", 1-1/4"	

4766-10G



4251-05R
4251-10R

4572-12

4791

Socket & Wrench Set

SC7083MR

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

SC7583MR 1/4"+1/2"

83 PC.

KT NO. | Contents | 5.65 kg | 1 / 4

SC7083MR

- ○ 2330M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
- ○ 4330MRC — 14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32
- ○ 463016R
- ○ 463021R

SC7583MR

- ○ 2335M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
- ○ 4335MRC — 14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32
- ○ 463516HC
- ○ 463521HC

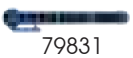
- 1060 — 8, 10, 11, 12, 13, 14, 17, 19
- 2031 — PH1, PH2
- 2032 — 4, 5.5, 6.5
- 2033 — T8, T10, T15, T20, T25, T27, T30
- 2035 — H3, H4, H5, H6
- 2038 — PZ1, PZ2
- 1836P — PH3, PH4
- 1836S — 8x1.2, 10x1.6, 12x2.0
- 1836T — T40, T45, T50, T55
- 1836H — H8, H10, H12, H14
- 1836Z — PZ3, PZ4

4766-10G

2179DF

2766-55G

2222-02
2222-04



79831

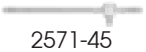
4222-10

4251-05RH

2312-06

7702-25

3824



2571-45

414810S

2791
4791RH

Socket & Wrench Set

SC7096MR

SC7596MR 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

96 PC.

Kg 6.22 | 1 / 4

KT NO.	Contents
SC7096MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 2230M 6, 7, 8, 9, 10, 11, 12, 13 4230MC 14, 15, 17, 19, 22 4330MRC 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 463016R 463021R 2031 PH1, PH2 2032 4, 5.5, 6.5 2033 T8, T10, T15, T20, T25, T27, T30 2035 H3, H4, H5, H6 2038 PZ1, PZ2 1836P PH3, PH4 1836S 8x1.2, 10x1.6, 12x2.0 1836T T40, T45, T50, T55 1836h H7, H8, H10, H12, H14 1836Z PZ3, PZ4 1115-03 1.5, 2, 2.5 2766-55G 4766-10G 2179DF 4222-10 2222-02 2222-04 4251-05RH 2571-45 3824 2791 4791RH 7702-25 414810S 2745
SC7596MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 2235M 6, 7, 8, 9, 10, 11, 12, 13 4235MC 14, 15, 17, 19, 22 4335MRC 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 463516HC 463521HC

Socket & Wrench Set

SC7396MR new 1/4"+1/2"

Metal case size (mm) :
422 x 275 x 85 (0.35cuft)

96 PC.

Contents			5.5	1 / 4
	2335M	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
	2235M	6, 8, 10, 12, 13, 14		
	4335MR	10, 12, 13, 14, 15, 16, 17, 18, 19, 22, 23, 27, 32		
	4535M	15, 16, 17, 19, 24		
	1060	8, 10, 12, 13, 14, 15, 16, 17, 18, 19		
	1800H	H8, H10, H12, H14		
	1800T	T50, T55, T60		
	1025S	3.0, 4.0, 5.0, 6.0		
	1025P	PH1, PH2 x 2, PH3		
	1025Z	PZ1, PZ2 x 2, PZ3		
	1025T	T10, T15, T20, T25, T27, T30, T40		
	1025H	H3, H4, H5, H6		
	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H		
	1025R	RB2		
	753-63			
	7702-25			
	2766-55G	4766-10G		
	2571-45	2179DF		
2221-10	2222-02	2141		
2791	4791	3824	414810S	

Tool Trolley

ST87432-5B

ST87434-7B

5 Drawer & 7 Drawer Tool Trolley

- Heavy duty ball bearing slides
- 5"x1-1/4" casters with locking break
- One piece wall constructed and powder coating
- Central locking system
- Oil can holder / optional side pull handle bar
- 2mm anti-slipping rubber top mat
- Overall size: W670 x D460 x H812 mm

ST87432-5B 52
ST87434-7B 60 CUFT 12.64

ST87432-5B

ST87434-7B

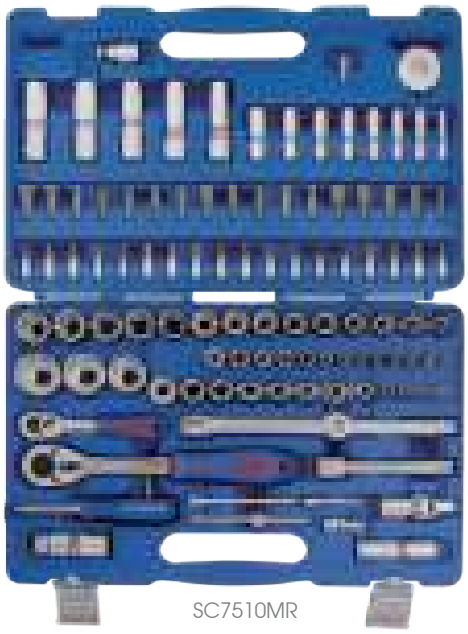
Socket & Wrench Set

SC7010MR

SC7510MR 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

110 PC.


SC7510MR

SC7010MR

KT NO. | Contents | 6.90 | 1 / 4

SC7010MR

- 2330M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
- 2230M — 6, 7, 8, 9, 10, 11, 12, 13
- 4230MC — 14, 15, 17, 19, 22
- 4330M — 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32
- 463016R
- 463021R

SC7510MR

- 2335M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
- 2235M — 6, 7, 8, 9, 10, 11, 12, 13
- 4235MC — 14, 15, 17, 19, 22
- 4335M — 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32
- 463516HC
- 463521HC

Contents

- 2375M — E4, E5, E6, E7, E8
- 4375M — E10, E11, E12, E14, E16, E18, E20, E24
- 2031 — PH1, PH2
- 2032 — 4, 5.5, 6.5
- 2033 — T8, T10, T15, T20, T25, T27, T30
- 2035 — H3, H4, H5, H6
- 2038 — PZ1, PZ2
- 1836P — PH3, PH4
- 1836S — 8x1.2, 10x1.6, 12x2.0
- 1836T — T40, T45, T50, T55, T60
- 1836H — H7, H8, H10, H12, H14
- 1836Z — PZ3, PZ4
- 1115-03 — 1.5, 2, 2.5
- 2766-55G
- 4766-10G
- 2179DF
- 4222-10
- 2571-45
- 2222-02
- 2222-04
- 4251-05RH
- 2791
- 4791RH
- 3824
- 414810S
- 7702-25
- 2745

Socket & Wrench Set

SC9043MR

SC9543MR 1/4"+3/8"+1/2"

Blow case size (mm) :
560 x 400 x 110 (0.87 cuft)

143 PC.

KT NO. | Contents | 13.7 | 1 / 2

SC9043MR

- 2330M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10
- 4330M — 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32
- 463016R
- 463021R
- 2375M — E4, E5, E6, E7, E8
- 3330M — 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22
- 4375MC — E10, E12, E14, E16, E20
- 1025P — PH0, PH1, PH2, PH3
- 1025S — 4, 5.5, 7
- 1025U — T10, T15, T20, T25, T27, T30, T40
- 1025H — H2, H3, H4, H5, H6, H7, H8, H10
- 1025Z — PZ0, PZ1, PZ2, PZ3
- 1060 — 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
- 1930 — 8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19
- 1145MR — H1.5, H2.0, H2.5, H3.0, H4.0, H5.0, H6.0, H8.0, H10
- 2222-02, 2222-04, 2222-06
- 3221-03, 3221-06
- 4251-03R
- 4222-10
- 2312-06
- 2179DF
- 3781-11F
- 4452-18FR
- 2141
- 4581-10
- 79831
- 6111-07
- 2766-55G
- 4766-10G
- 6011-10R
- 79093-03M
- 3824
- 3812
- 2791, 3792, 4791R
- 7821-30

SC9543MR

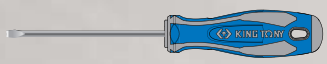
- 2335M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10
- 4335MRC — 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32
- 463516HC
- 463521HC
- 1421 — PH2 x 38, PH1 x 80
- 1461 — PH2 x 100
- 1422 — 6.5 x 38, 5.5 x 75
- 1462 — 6.5 x 150
- 1060 — 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
- 1930 — 8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19
- 1145MR — H1.5, H2.0, H2.5, H3.0, H4.0, H5.0, H6.0, H8.0, H10
- 2222-02, 2222-04, 2222-06
- 3221-03, 3221-06
- 4251-03R
- 4222-10
- 2312-06
- 2179DF
- 3781-11F
- 4452-18FR
- 2141
- 4581-10
- 79831
- 6111-07
- 2766-55G
- 4766-10G
- 6011-10R
- 79093-03M
- 3824
- 3812
- 2791, 3792, 4791R
- 7821-30

Sign List

Internal hexagon	External hexagon	Bi - hexagon	Spline head	Spline head - tamper resistant	Internal torx	External torx	External torx - tamper resistant	Double square
torx plus-tamper resistant	torx plus	Ribe bit socket	Phillips head	Slotted head	Pozidriv	Internal square	External square	Ball hex
External square	Ribe socket 12 mm	Ribe socket 10 mm	Axial lock nut	Square	Crowfoot	Hook wrench	Diameter	(mm) Capacity of open jaw
Max. torque	Air inlet	Free speed	Air pressure	Std. bolt size	Air hose	Anvil type	Avg. air consumption	Sound
Vibration level	Internal circlip	External circlip	Thin serrated	Coarse serrated	With opening spring	Round jaws	Half-round jaws	Flat & point jaws
Soft wire	Medium hard wire	Hard wire	Piano wire	Europe	America & Asia	Australia & New Zealand	English	Australia
Changeable blade	Guide rollers	Cutter wheel	Outside diameter (O.D.)	Wall thickness	Inside diameter (I.D.)			
Center cut	With bevel	With small bevel	With very small bevel	Without bevel	Diesel engine	Petrol engine	Timing belt	Timing chain
HGV	Commercial Vehicles	Small commercial vehicles	Passenger cars	Buses	Construction vehicles	Agricultural machinery	Motorcycles	Engine series
Agricultural machinery-tiller	Chassis	Steel construction	Assembly line	Factory	Strobe	IP Protection	Adjustable lighting	Lumen
USB cable	USB charger	Cable length	Charging time	Lighting for hours	Watt	Adjustment button	Thickness	Magnetic
DC charger	AC charger	Li-ion battery	Battery	Litre capacity	Q'ty / Carton	Q'ty / Box	Q'ty / Blister card	(g)(kg) Weight
Light weight	1000V	ESD	ISO	CE certificate	VDE certificate	G.S. approval	TUV certificate	

Information-General Safety Recommendations

- Please wear proper safety gear while working.



It all fits together

DIN screwdrivers

Slotted screws

		Size	2x0.4	2.5x0.4	3x0.5	3.5x0.6	4x0.8	5.5x1	6.5x1.2	8x1.2	10x1.6
Metric screws											
Flat head	ISO 2009			1.6	2	2.5	3	3.5	4 5		
		DIN 963		1.6	2	2.5	3 3.5	4	5		
Oval head	ISO 2010			1.6	2	2.5	3	3.5	4 5		
		DIN 964		1.6	2	2.5	3 3.5	4	5		
Cheese head	ISO 1207							3.5	4	5	6
		DIN 84		1.6 1.8	2	2.5		4	4	5	6
Pan head	ISO 1580			1.6	2	2.5	3	3.5	4	5	6
		DIN 85					3	3.5	4 5		6
		DIN 920		2.5	3/3.5	4	5	6	8		10
		DIN 921		1.6	2	2.5	3 3.5	4		5	6
Set	ISO 4766 7435	DIN 551 417	2.5 3	3.5	4		5 6		8		
	ISO 4735	DIN 427	2.5 3	3.5	4		5 6		8		14
Self tapping screws											
Flat head	ISO 1482				2.2		2.9	3.5	4.2 4.8		
		DIN 7972			2.2		2.9	3.5 3.9	4.2 4.8		
Oval head	ISO 1483				2.2		2.9	3.5	4.2 4.8		
		DIN 7973			2.2		2.9	3.5 3.9	4.2	4.8	6.3
Pan head	ISO 1481				2.2		2.9	3.5		4.2 4.8	5.5 6.3
		DIN 7971				2.9	2.9	3.5		4.2 4.8	5.5 6.3

Phillips + Pozidriv

			Size	00	0	1	2	3	4
Metric screws									
Flat head	ISO 7046	DIN 965			1.6 2	2.5 3	3.5 5	6	8 10
Oval head	ISO 7047	DIN 966			1.6 2	2.5 3	3.5 5	6	8 10
Pan head	ISO 7045	DIN 7985			1.6 1.8	2.5 3	3.5 5	6	8 10
Self tapping screws									
Flat head	ISO 7049	DIN 7981				2.2 2.9	3.5 4.8	5.5 6.3	
Oval head	ISO 7050	DIN 7982				2.2 2.9	3.5 4.8	5.5 6.3	
Pan head	ISO 7051	DIN 7983				2.2 2.9	3.5 4.8	5.5 6.3	
ANSI screws					0-1	2-4	5-10	12-16	18-...

How to find the correct screwdriver

	Slotted	Phillips	Pozidriv	Torx	Torx	Square	Hex	Nut
Classic Screwdriver	1412	1411						
SoftFinish Screwdriver	1422	1421	1428	1423	1427	1424		
Classic Screwdriver (Heavy Duty)	1482	1481						
SoftFinish Screwdriver (heavy Duty)	1462	1461						
Nutspinner								1450 5450 1453
SoftFinish Electric	1472	1471	1478					
Precision Screwdriver	1432	1432	1433					
erchangeable ratchet Screwdriver	32810	32810		32810				
Two-way screwdriver	2411 1317 2431	2411 1317 2431	1317	1317 2433			1317	32810
Torque Screwdriver							3411	

Internal Torx													
			For torx head screw										
			T5	T6	T7	T8	T9	T10	T15	T20	T25	T27	T30	T40
		mm	1.42	1.70	1.99	2.31	2.50	2.74	3.27	3.86	4.43	4.99	5.52	6.65
Metric screws														
Cheese head M	ISO 4762	DIN 912	*	2	*	2.5		3		4	5	**	6	
Flat head M	ISO 4760	DIN 963 965	*	*	*	2.5		3	3.5	4	5	**	6	8
Oval head M	ISO 7047 2010	DIN 964 966	*	2	*	2.5		3	3.5	4	5	**	6	
Cheese head M		DIN 7984 6912	*	*	*	2.5		3		4	5	**	6	
Oval head M	ISO 7045	DIN 7985	*	2	*	2.5		3	3.5	4	5	**	6	
Flat head M	ISO 10642	DIN 7991	*	*	*	2.5		3		4	5	6	**	8
Self tapping screws														
Pan head B	ISO 7049	DIN 7981 7982	*	2.2	*	2.9		3.5	3.9	4.2 5.5	4.8	**	6.3	
Flat head B	ISO 7050	DIN 7972 7983	*	2.2	*	2.9		3.5	3.9	4.2	4.8 5.5	**	6.3	
Oval head B	ISO 7051	DIN 7973	*	2.2	*			3.5	3.9	4.2	4.8 5.5	**	6.3	8

* Screws for tungsten carbide inserts ** Special screws

Index	
ISO International standard	
DIN German standard	
M Metric screws	Thread diameter
M Set screw metric	Thread diameter
M Metric nut	Thread diameter
B Self tapping screw	Thread diameter
	Symbols
Tool drive = screwdriver socket	
for screws with internal drive	
Took drive = Nutdriver socket	
for screws with head drive	

Bits / Sockets for S size

TORX internal screw		T5	T6	T7	T8	T9	T10	T15	T20	T25	T27
	S(ref.mm)	1.42	1.7	2	2.32	2.5	2.74	3.28	3.86	4.43	4.99
	Screws(ref)	M1.5	M2	M2.5	M2.5	M3	M3/M3.5	M3.5/M4	M4/M5	M4.5/M5	M4.5/M5/M6
		T30	T40	T45	T50	T55	T60	T70	T80	T90	T100
	S(ref.mm)	5.52	6.65	7.82	8.84	11.23	13.26	15.54	17.58	19.95	22.16
	Screws(ref)	M6/M7	M7/M8	M8/M10	M10	M12	M14	M16	M18	M20	M22

SPLINE		M4	M5	M6	M8	M10	M12	M14	M16	M18	M20
	S(ref.mm)	3.6	4.8	6	7.2	9.6	11.41	13.22	15.63	16.85	19.25
	Screws(ref)	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20

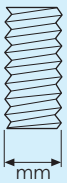
RIBLE		M5	M6	M7	M8	M9	M10	M12	M13	M14	M16
	S(ref.mm)	5	6	7	8	9	10	12	13	14	16
	W(ref.mm)	1.1	1.3	1.4	1.7	1.9	2.2	2.6	3	3.1	3.5
	Screws(ref)	M6	M8		M10	M10	M12				

BIT		IPR8	IPR9	IPR10	IPR15	IPR20	IPR25	IPR27	IPR30	IPR40	IPR45	IPR50	IPR55
	S(ref.mm)	2.19	2.6	2.58	3.1	3.64	4.12	4.71	5.23	6.3	7.38	8.35	10.63

TORX external screw		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20
	S(ref.mm)	3.83	4.72	5.69	6.17	7.47	9.37	10.03	11.12	12.85	14.71	16.64	18.41
	Screws(ref)	M3	M4	M5	M6	M6/M7	M8	M8/M10	M10	M12	M12	M14	M16
		E22	E24	E26	E28	E30	E32	E34	E36	E38	E40	E42	E44
	S(ref.mm)	20.24	22.1	23.85	25.65	27.38	29.16	30.96	32.82	34.67	36.37	38.2	39.98
	Screws(ref)	M18	M18/M20										

SQUARE		0	1	2	3
	S(ref.mm)	1.73	2.26	2.84	3.32

Torque Data

 mm	mm	mm	Bolts and nuts classes (Metric threads, triangular shape, high pitch,0.15 coefficient)					
			4.8 Torque Nm	***5.8*** Torque Nm	***6.8*** Torque Nm	***8.8*** Torque Nm	***10.9*** Torque Nm	***12.9*** Torque Nm
M3	5.5	2.5	0.64	0.8	0.91	1.21	1.79	2.09
M4	7	3	1.48	1.83	2.09	2.78	4.09	4.79
M5	8	4	2.93	3.62	4.14	5.5	8.1	9.5
M6	10	5	5	6.2	7.1	9.5	14	16.4
M8	13	6	12.3	15.2	17.4	23	34	40
M10	16	8	24	30	34	46	67	79
M12	18	10	42	52	59	79	116	136
M14	21	12	67	83	94	127	187	219
M16	24	14	105	130	148	198	291	341
M18	27	14	145	179	205	283	402	471
M20	30	17	206	254	291	402	570	667
M22	34	17	283	350	400	552	783	917
M24	36	19	354	438	500	691	981	1148
M27	41	19	525	649	741	1022	1452	1700
M30	46	22	712	880	1005	1387	1969	2305
M33	50	24	968	1195	1366	1884	2676	3132
M36	55	27	1242	1534	1754	2418	3435	4020
M39	60		1614	1994	2279	3139	4463	5223
M42	65	32	1995	2464	2816	3872	5515	6453
M45	70		2497	3085	3525	4847	6903	8079
M48	75	36	3013	3722	4254	5849	8330	9748
M52	80		3882	4795	5480	7535	10731	12558
M56	85	41	4839	5978	6832	9394	13379	15656
M60	90		6013	7428	8490	11673	16625	19455
M64	95	46	7233	8935	10212	14041	19998	23402

* In order not over-tighten the fastener, please refer manufacturer's service manual, or TORQUE DATA for tightening torque information.
* Torque tightening is refer to "thread dimension" of screw, which is M3~M64 size mention above table.

Torque Conversion

Units to be	***Corresponding unit***					
	lbf.in	**lbf.ft**	**kgf.cm**	**kgf.m**	**cN.m**	**N.m**
1 lbf.in	1	0.083	1.152	0.0115	11.3	0.113
1 lbf.ft	12	1	13.83	0.138	135.6	1.356
1 kgf.cm	0.868	0.072	1	0.01	9.807	0.098
1 kgf.m	86.8	7.233	100	1	980.7	9.807
1 cN.m	0.088	0.007	0.102	0.001	1	0.01
1 N.m	8.851	0.738	10.20	0.102	100	1

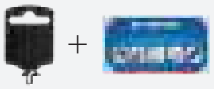
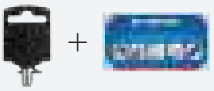
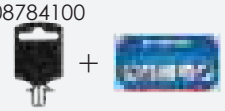
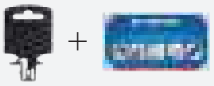
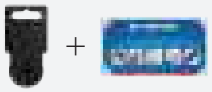
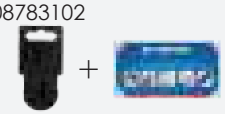
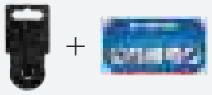
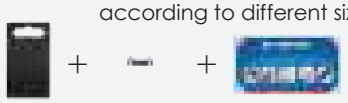
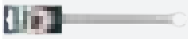
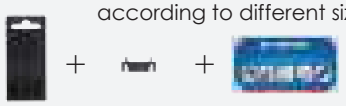
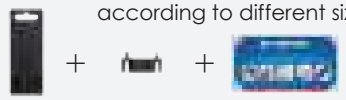
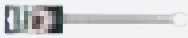
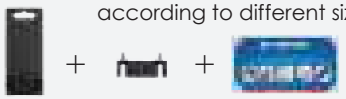
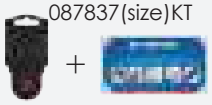
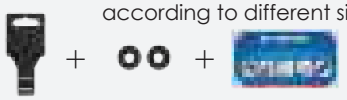
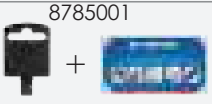
1 Nm = 0.738 ft.lb. = 8.85 In.lb. = 0.10 Kgf.m = 10.20 Kgf.cm

Torque Data

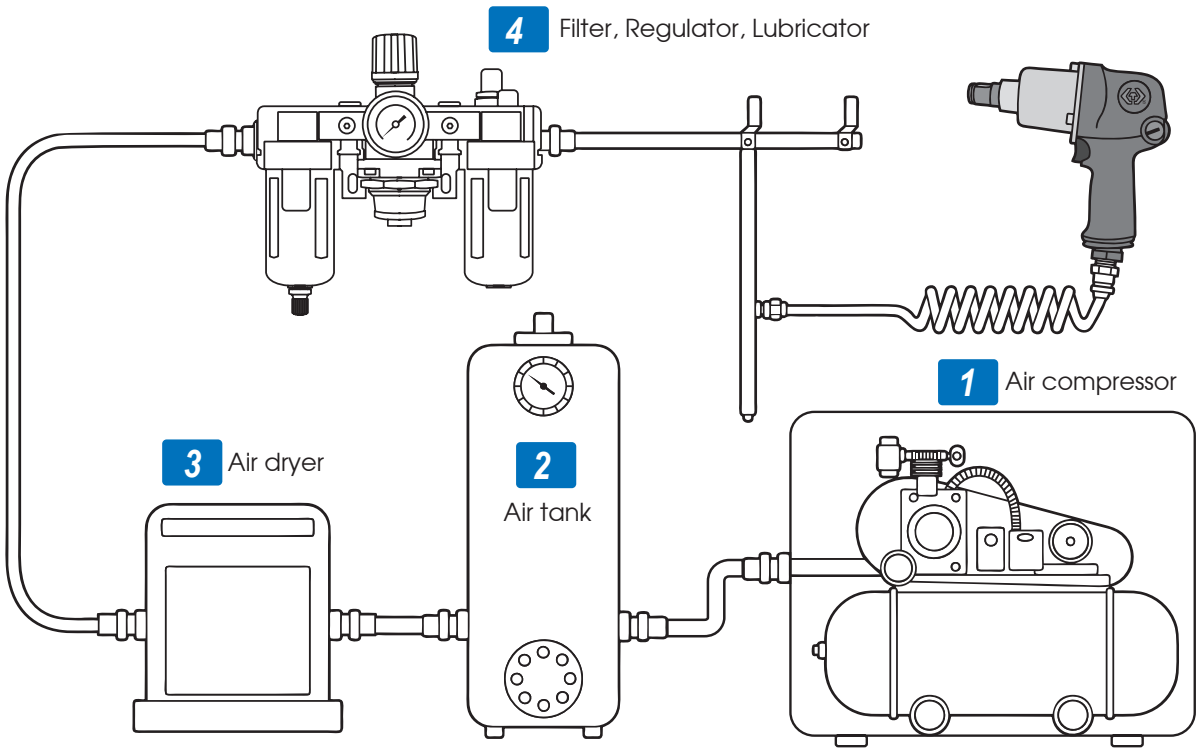
inch	threads per inch	Bolts and nuts classes (SAE threads, triangular shape, high pitch 0.15 coefficient)			
		307A A Torque ft.lb.	5 Torque ft.lb.	8 Torque Nm	9 Torque Nm
Coarse Thread Series					
1/4	20	32 in-lbs	76 in-lbs	107 in-lbs	126 in-lbs
5/16	18	66 in-lbs	157 in-lbs	221 in-lbs	259 in-lbs
3/8	16	10	23	33	38
7/16	14	16	37	52	61
1/2	13	24	57	80	94
9/16	12	35	82	115	135
5/8	11	48	113	159	186
3/4	10	85	200	282	331
7/8	9	136	322	455	533
1	8	204	483	681	799
1-1/4	7	409	840	1363	1597
1-1/2	6	711	1462	2371	2779
Fine Thread Series					
1/4	28	37 in-lbs	87 in-lbs	123 in-lbs	144 in-lbs
5/16	24	73 in-lbs	174 in-lbs	245 in-lbs	287 in-lbs
3/8	24	11	26	37	43
7/16	20	18	41	58	68
1/2	20	27	64	90	105
9/16	18	39	91	128	151
5/8	18	54	127	180	211
3/4	16	94	223	315	369
7/8	14	150	355	502	588
1	14	229	542	765	896
1-1/4	12	453	930	1509	1768
1-1/2	12	800	1645	2668	3127

* note: Torque-Tension relationship for ASTM A307 Grade A(SAE J2), SAE J429 Grade 5, SAE J429 Grade 8 & FNL Grade 9 Bolts.
* note: Torque values for 1/4" and 5/16" are in inch-pounds. All other torque values are in foot-pounds.

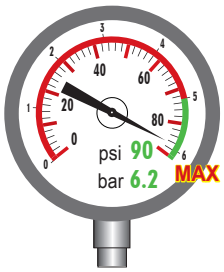
Hanger No. List

	Hanger No.	Suitable Size	Hanger No. (with product)
Socket Hanger for 1/4" DR. Socket	08782100 	1/4"DR. Socket	KT No. & D1
Socket Hanger for 3/8" DR. Socket	08783100 	3/8"DR. Socket	KT No. & D1
Socket Hanger for 1/2" DR. Socket	08784100 	1/2"DR. Socket	KT No. & D1
Socket Hanger for 3/4" DR. Socket	08786100 	3/4"DR. Socket	KT No. & D1
Hanger for 1/4" DR. Accessories	08782102 	1/4"DR. Ratchet, sliding T-handle, flexible handle	KT No. & D1
Hanger for 3/8" DR. Accessories	08783102 	3/8"DR. Ratchet, sliding T-handle, flexible handle	KT No. & D1
Hanger for 1/2" DR. Accessories	08784102 	1/2"DR. Ratchet, sliding T-handle, flexible handle	KT No. & D1
Hanger for Wrench	8781103 choose suitable hangers according to different sizes 	For example,1060 6~9mm	 KT No. & D1
Hanger for Wrench & Nut Spinner	8781100 choose suitable hangers according to different sizes 	For example,1060 10~19mm & nut spinner	KT No. & D1
Hanger for Wrench	8781101 choose suitable hangers according to different sizes 	For example,1060 20~23mm	 KT No. & D1
Hanger for Wrench	8781102 choose suitable hangers according to different sizes 	For example,1060 24~32mm	KT No. & D1
Hanger for Speed Wrench	087837(size)KT 	Speed wrench, open-side speed wrench size, 8~24mm	KT No. & D1
Hanger for Screwdriver	8785100 choose suitable rubber rings according to different sizes 	Screwdriver, hex key, spline L-wrench, star L-wrench, L-type wrench, T-type wrench	KT No. & D1
Hanger for Power Driving	8785001 	Power driving 9.5mm groove	KT No. & D1

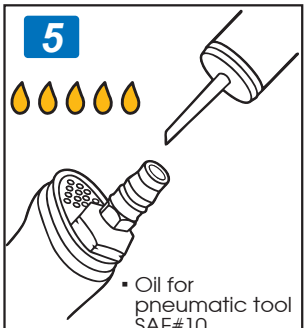
Air supply system :



Preparation

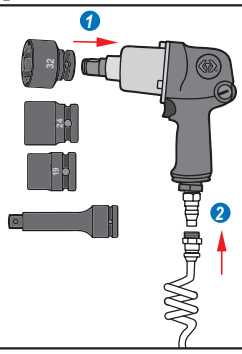


▪ Set the air pressure



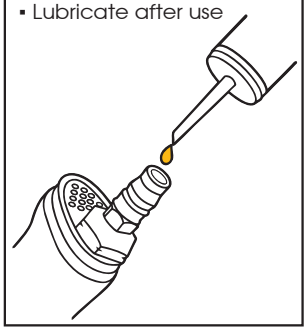
▪ Oil for pneumatic tool SAE#10

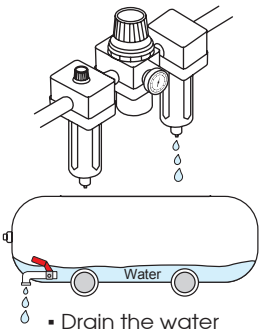
Operation



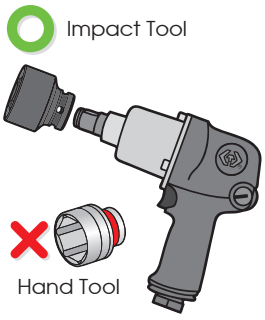
Maintenance

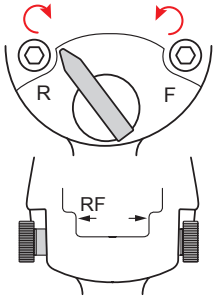
▪ Lubricate after use





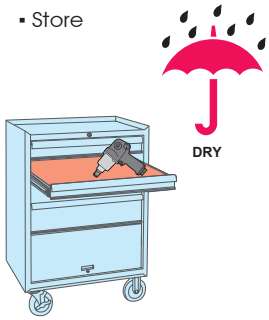
▪ Drain the water

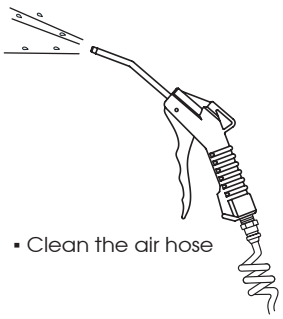




▪ Select the direction

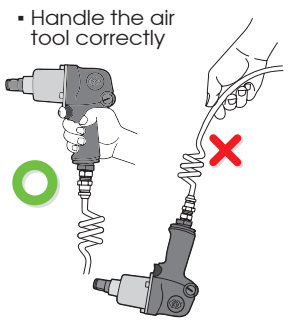
▪ Store

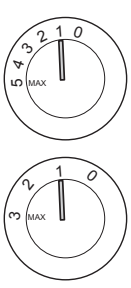




▪ Clean the air hose

▪ Handle the air tool correctly

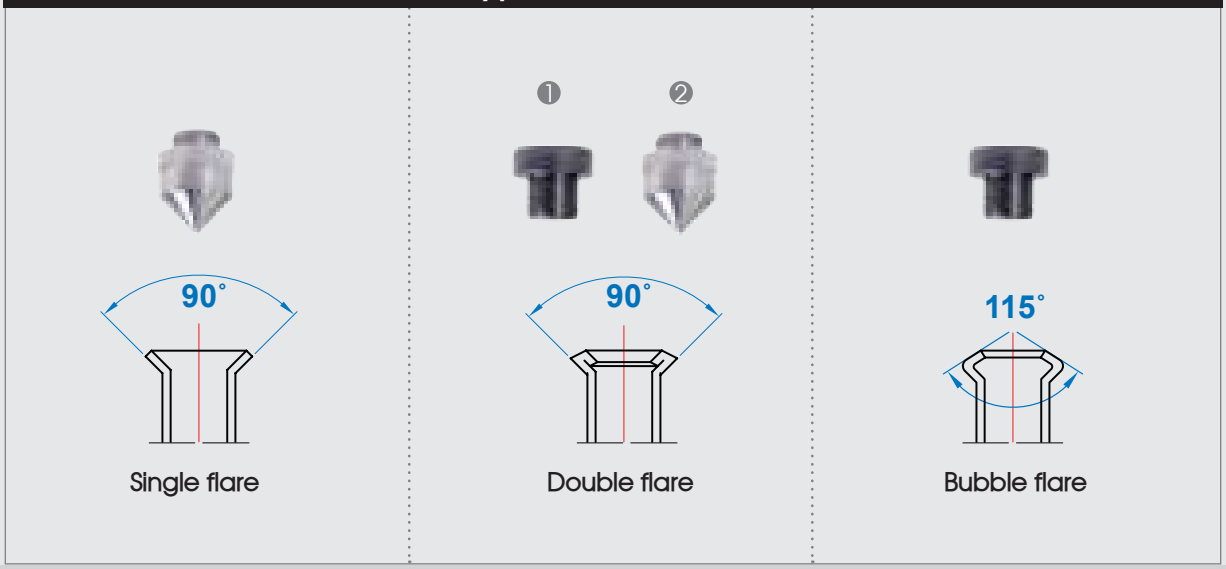




▪ Adjust the torque

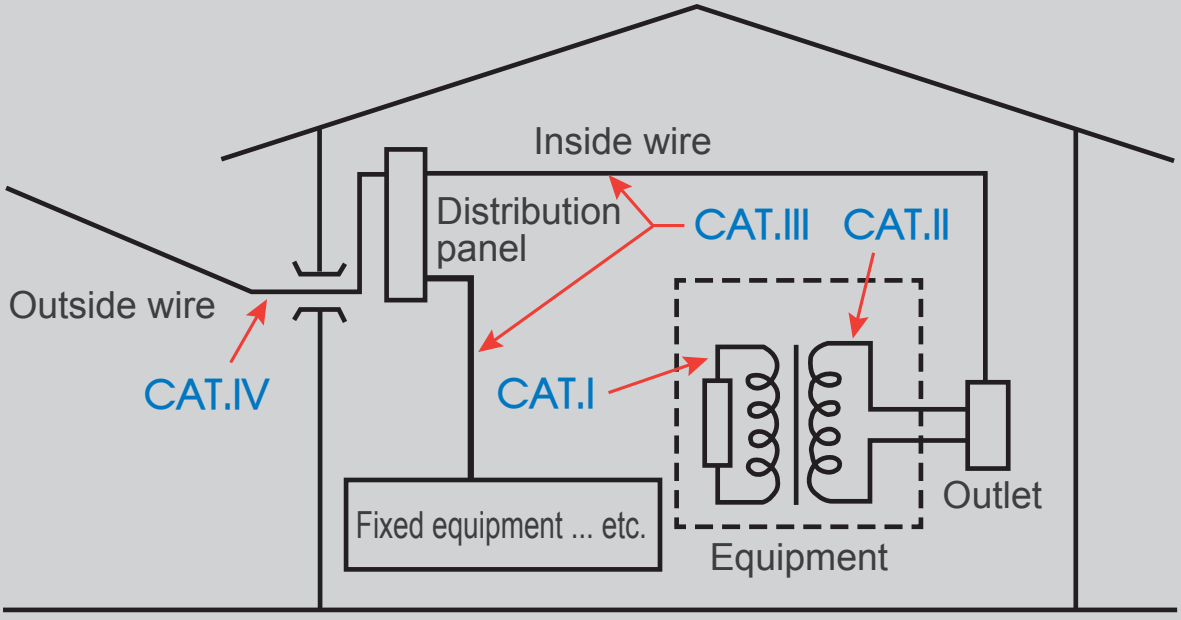
▪ Dispose

Type of the flares



Measurement level

The input voltage should not exceed the maximum value.



Measurement level	Description	Example
CAT.I	Measurement directly connected to the power supply circuit board	The secondary of the transformer measured
CAT.II	Measurement board directly connected to the low voltage devices	Equipment, portable devices
CAT.III	Equipment within the building	Distribution panels, circuit breakers
CAT.IV	Sources of all low voltage installations	Overhead lines, cable facilities

Lit when in DC mode measurement

Lit when in AC mode measurement

Negative polarity indicator-lit when the polarity is negative

AUTO Auto range indicator

Lit when in continuity check

Lit when in diode check

D-H Date hold indication

Lit when the battery is low

MΩ KΩ Ω Unit for resistance measurement

mV V Unit for voltage measurement

1.8.8.8 Numeral date display

hFE Lit when in transistor hFE check

μA mA A Unit for current measurement

LCD DISPLAY

SELECT KEY

DATA HOLD KEY

INPUT TERMINAL 10A USEAGE ONLY

- The Max. protective fuse for μA、μA、mA、mA is 0.5A/250V
- The Max.protective fuse for 10A、10A is 15A/250V

POWER & FUNCTION SWITCH

AC voltage measurement

DC voltage measurement

AC/DC current measurement in micro-amperes

AC/DC current measurement in milli-amperes

AC/DC current measurement in 10 amperes

NPN Transistor in NPN hFE measurement

LED LED test

AC or DC measrement

OFF Turn off the power

PNP Transistor in PNP hFE measurement

Resistance measurement / Diode test / Continuity check

Index .....

10 xxx

1001MR 129
1005APR 412
1005GQ 430
1006APR 412
1006GPN 414
1006PR 413
1006PRN 413
1009GPN 414
1009PR 413
1009PRN 413
1010PR 413
1011MQ 359
1014GPN 414
1015GQ 430
1015MQ 384
1015PQ 359
1020-08 302
1020-09 302
1020-10 302
1020-11 302
1020-12 302
1020-13 302
1020-14 302
1020-15 302
1020-16 302
1020-17 302
1020-18 302
1020-19 302
1023EQ 359
102500P 355
102500P.B 355
102500R 356
102500R.B 356
102501P 355
102501P.B 355
102501R 356
102501R.B 356
102501Z 356
102501Z.B 356
102502P 355
102502P.B 355
102502P-S1 362
102502H 355
102502H.B 355
102502R 356
102502R.B 356
102502Z 356
102502Z.B 356
102502Z-S1 362
102503H 355
102503H.B 355
102503P 355
102503P.B 355
102503R 356
102503R.B 356
102503S1 355
102503S1.B 355
102503Z 356
102503Z.B 356
102504H 355
102504H.B 355
102504M 355
102504P 355
102504P.B 355
102504S1.....355
102504S1.B 355
102504S2 355
102504S2.B 355
102505H 355
102505H.B 355
102505M 355
102505S1 355
102505S1.B 355
102506H 355
102506H.B 355
102506M 355
102506S1.....355
102506S1.B 355
102506T 355
102506T.B 355
102507H 355
102507H.B 355
102507S1 355
102507S1.B 355
102507T 355
102507T.B 355
102507U 355
102507U.B 355
102508H 355
102508H.B 355
102508M 355
102508S1 355
102508S1.B 355
102508S2 355
102508S2.B 355
102508T 355
102508T.B 355
102508U 355
102508U.B 355
102508V 355
102509T 355
102509T.B 355
102509U 355
102509U.B 355
102509V 355
102510H 355
102510H.B 355
102510M 355
102510T 355
102510T.B 355
102510T-S1 362
102510U 355
102510U.B 355
102510V 355
102512P 355
102512P.B 355
102515H 355
102515H.B 355
102515T 355
102515T.B 355
102515T-S1 362
102515U 355
102515U.B 355
102515V 355
102520T 355
102520T.B 355
102520T-S1 362
102520U 355
102520U.B 355
102520V 355
102525H 355
102525H.B 355
102525T 355
102525T.B 355
102525T-S1 355
102525U 355
102525U.B 355
102525V 355
102527T.....355
102527T.B 355
102527U 355
102527U.B 355
102527V 355
102530T 355
102530T.B 355
102530T-S1 362
102530U 355
102530U.B 355
102530V 355
102535S1 355
102535S1.B 355
102535T 355
102535T.B 355
102540T 355
102540T.B 355
102540U 355
102540U.B 355
102540V 355
102545S1 355
102545S1.B 355
102545T 355
102545T.B 355
102550T 355
102550T.B 355
102555S1 355
102555S1.B 355
102555S2 355
102555S2.B 355
102565S1 355
102565S1.B 355
1031-10R 299
1031-11R 299
1031-12R 299
1031-13R 299
1031-14R 299
1031-15R 299
1031-16R 299
1031-17R 299
1031-18R 299
1031-19R 299
1031-22R 299
1031-24R 299
1031-26R 299
1031-27R 299
1031-30R 299
1031-32R 299
1032CQ 361
1032CQ01 361
1035MR 371
1036MR 371
1036ZQ 431
1042CQ 359
1043CQ 359
1044CQ 359
1044MR 371
1045MR 371
1050CQ 361
1060-06 290
1060-07 290
1060-08 290
1060-09 290
1060-10 290
1060-11 290
1060-12 290
1060-13 290
1060-14 290
1060-15 290
1060-16 290
1060-17 290
1060-18 290
1060-19 290
1060-20 290
1060-21 290
1060-22 290
1060-23 290
1060-24 290
1060-25 290
1060-26 290
1060-27 290
1060-28 290
1060-29 290
1060-30 290
1060-32 290
1060-55 290
1061-06 289
1061-07 289
1061-08 289
1061-09 289
1061-10 289
1061-11 289
1061-12 289
1061-13 289
1061-14 289
1061-15 289
1061-16 289
1061-17 289
1061-18 289
1061-19 289
1061-20 289
1061-21 289
1061-22 289
1061-23 289
1061-24 289
1061-25 289
1061-26 289
1061-27 289
1061-28 289
1061-29 289
1061-30 289
1061-32 289
1062-06 287
1062-07 287
1062-08 287
1062-09 287
1062-10 287
1062-11 287
1062-12 287
1062-13 287
1062-14 287
1062-15 287
1062-16 287
1062-17 287
1062-18 287
1062-19 287
1062-20 287
1062-21 287
1062-22 287
1062-23 287
1062-24 287
1062-25 287
1062-26 287
1062-27 287
1062-28 287
1062-29 287
1062-30 287
1062-32 287
1063-06 292
1063-08 292
1063-10 292
1063-11 292
1063-12 292
1063-14 292
1063-15 292
1063-16 292
1063-17 292
1063-18 292
1063-21 292
1063-22 292
1063-27 292
1063-30 292
1063-32 292
1067-06 292
1067-07 292
1067-08 292
1067-09 292
1067-10 292
1067-11 292
1067-12 292
1067-13 292
1067-14 292
1067-15 292
1067-16 292
1067-17 292
1067-18 292
1067-19 292
1067-20 292
1067-21 292
1067-22 292
1067-23 292
1067-24 292
1067-25 292
1067-26 292
1067-27 292
1067-28 292
1067-29 292
1067-30 292
1067-32 292
1071-33 290
1071-34 290
1071-35 290
1071-36 290
1071-38 290
1071-41 290
1071-42 290
1071-44 290
1071-46 290
1071-48 290
1071-50 290
1071-55 290
1071-60 290
1071-65 290
1071-70 290
1071-75 290
1071-80 290
1071-85 290
1080-06 310
1080-07 310
1080-08 310
1080-09 310
1080-10 310
1080-11 310
1080-12 310
1080-13 310
1080-14 310
1080-15 310
1080-16 310
1080-17 310
1080-18 310
1080-19 310
1080-20 310
1080-21 310
1080-22 310
1080-23 310
1080-24 310
1080-25 310
1080-26 310
1080-27 310
1080-28 310
1080-29 310
1080-30 310
1080-32 310
1081-06 310
1081-07 310
1081-08 310
1081-09 310
1081-10 310
1081-11 310
1081-12 310
1081-13 310
1081-14 310
1081-15 310
1081-16 310
1081-17 310
1081-18 310
1081-19 310
1081-20 310
1081-21 310
1081-22 310
1081-23 310
1081-24 310
1081-25 310
1081-26 310
1081-27 310
1081-28 310
1081-29 310
1081-30 310
1081-32 310
1084-08 309
1084-09 309
1084-10 309
1084-11 309
1084-12 309
1084-13 309
1084-14 309
1084-15 309
1084-16 309
1084-17 309
1084-18 309
1084-19 309
1090PR1 412
10A0-24 303
10A0-27 303
10A0-30 303
10A0-32 303
10A0-36 303
10A0-41 303
10A0-46 303
10A0-50 303
10A0-55 303
10A0-60 303
10A0-65 303
10A0-70 303
10A0-75 303
10A0-80 303
10A0-85 303
10A0-90 303
10A0-95 303
10A0-A0 303
10A0-A5 303
10A0-B0 303
10A0-B5 303
10A0-C0 303
10A0-C5 303
10B0-24 303
10B0-26 303
10B0-27 303
10B0-30 303
10B0-32 303
10B0-36 303
10B0-41 303
10B0-46 303
10B0-50 303
10B0-55 303
10B0-60 303
10B0-65 303
10B0-70 303
10B0-75 303
10B0-80 303
10B0-85 303
10B0-90 303
10B0-95 303
10B0-A0 303
10B0-A5 303
10B0-B0 303
10B0-B5 303
10B0-C0 303
10C0-24 303
10C0-27 303
10C0-30 303
10C0-32 303
10C0-36 303
10C0-41 303
10C0-46 303
10C0-50 303

Index

10C0-55 303
10C0-60 303
10C0-65 303
10D0-08 293
10D0-09 293
10D0-10 293
10D0-11 293
10D0-12 293
10D0-13 293
10D0-14 293
10D0-15 293
10D0-16 293
10D0-17 293
10D0-18 293
10D0-19 293
10F0-17P 293
10F0-19P 293
10F0-21P 293
10F0-22P 293
10F0-23P 293
10F0-24P 293
10F0-26P 293
10F0-27P 293
10F0-29P 293
10F0-30P 293
10F0-32P 293
10F0-36P 293
10F0-38P 293
10F0-41P 293
10F0-46P 293
10F0-50P 293
10F0-55P 293
10F0-60P 293
10F0-65P 293
10F0-70P 293
10F0-75P 293

11 xxx

1106MR 294
1108MR 294
1108SR 294
11101SQ 372
11104PR 414
11104PR10 414
1110MR 294
1110SR 294
1112MR 294
1112MRN 294
1112SR 294
111946 303
112002MR 374
112003MR 374
112004MR 374
112005MR 374
112006MR 374
112007MR 374
112008MR 374
112010MR 374
112015MR 374
112025MR 374
11205SQ 426
11208SQ 426
11225SQ 426
112261 303
112310R 375
112315R 375
112320R 375
112325R 375
112327R 375
112330R 375
112340R 375
112345R 375
112350R 375
112502MR 372
112502SR 372
112503MR 372
112503SR 372
112504MR 372
112504SR 372
112505MR 372
112505SR 372
112506MR 372
112506SR 372
112507MR 372
112508MR 372
112508SR 372
112510MR 372
112510SR 372
112512MR 372
112512SR 372
112514MR 372
112515MR 372
112516SR 372
112517MR 372
112518SR 372
112519MR 372
112522MR 372
112525MR 372
112525SR 372
112576 303
112605MR 373
112606MR 373
112608MR 373
112610MR 373
112612MR 373
112710R 375
112715R 375
112720R 375
112725R 375
112727R 375
112730R 375
112740R 375
112745R 375
112750R 375
113002MR 374
113002SR 374
113003MR 374
113003SR 374
113004MR 374
113004SR 374
113005MR 374
113005SR 374
113006MR 374
113006SR 374
113007SR 374
113008MR 374
113008SR 374
113010MR 374
113010SR 374
113012SR 374
113015MR 374
113025MR 374
113025SR 374
11305SQ 502
113086 303
11311MQ 431
11409SQ02 415
11409SQ03 415
11409SQ04 415
11409SQ05 415
11409SQ06 415
11409SQ08 415
11427SQ02 415
11427SQ03 415
11427SQ04 415
11427SQ05 415
11427SQ06 415
11427SQ08 415
114310R 375
114315R 375
114320R 375
114325R 375
114327R 375
114330R 375
114340R 375
114345R 375
114350R 375
114502MR 372
114502SR 372
114503SR 372
114504SR 372
114505SR 372
114506SR 372
114508SR 372
114510SR 372
114512SR 372
114516SR 372
114518SR 372
114520SR 372
114524SR 372
114525SR 372
114503MR 372
114504MR 372
114505MR 372
114506MR 372
114507MR 372
114508MR 372
114510MR 372
114515MR 372
114525MR 372
114555MR 372
114605MR 373
114606MR 373
114608MR 373
114610MR 373
114612MR 373
114710R 375
114715R 375
114720R 375
114725R 375
114727R 375
114730R 375
114740R 375
114745R 375
114750R 375
115002MR 378
115003MR 378
115004MR 378
115005MR 378
115006MR 378
115008MR 378
115010MR 378
115025MR 378
11509SQ05 415
11527SQ05 415
115310R 379
115315R 379
115320R 379
115325R 379
115327R 379
115330R 379
115340R 379
115345R 379
115350R 379
1153A05R 380
1153A06R 380
1153A07R 380
1153A08R 380
1153A09R 380
1153A10R 380
1153A15R 380
1153A20R 380
115502MR 378
115503MR 378
115503SR 378
115504MR 378
115504SR 378
115505MR 378
115505SR 378
115506MR 378
115506SR 378
115508MR 378
115508SR 378
115510MR 378
115510SR 378
115512SR 378
115525MR 378
115525SR 378
115H05M-10 315
115H06M-10 315
115H07M-10 315
115H08M-10 315
115H08M-14 315
115H09M-10 315
115H10M-10 315
115H10M-14 315
115H11M-10 315
115H12M-10 315
115H13M-10 315
115H13M-14 315
116002MR 377
116003MR 377
116004MR 377
116005MR 377
116006MR 377
116007MR 377
116008MR 377
116010MR 377
116025MR 377
116310R 377
116315R 377
116320R 377
116325R 377
116327R 377
116330R 377
116340R 377
116345R 377
116350R 377
1163A05R 380
1163A06R 380
1163A07R 380
1163A08R 380
1163A09R 380
1163A10R 380
1163A15R 380
1163A20R 380
116502MR 377
116503MR 377
116504MR 377
116505MR 377
116506MR 377
116507MR 377
116508MR 377
116510MR 377
116525MR 377
118406M 315
118407M 315
118408M 315
118409M 315
118410M 315
118411M 315
118412M 315
118413M 315
118414M 315
118417M 315
118508M 315
118509M 315
118510M 315
118511M 315
118512M 315
118513M 315
118514M 315
118517M 315
118519M 315
119502M 379
119503M 379
119504M 379
119505M 379
119506M 379
119508M 379
119510M 379
119525M 379
11A310R 379
11A315R 379
11A320R 379
11A325R 379
11A327R 379
11A330R 379
11A340R 379

12 xxx

1207MR 291
1207SR 291
1208MR 291
1210MR 291
12107MRN 306
12107MRN01 ...306
1211MR 291
1211MRN 291
1211SR 291
1211SR01 291
1211SR02 291
12112MRN 306
12114MRN 306
1212MR 291
1212MR01 291
1213SRN 291
1214MR 291
1214MR01 291
1214MRN01 291
1214MRN05 291
1214SR 291
1214SRN01 291
1215MR 291
1215MR01 291
1215MR02 291
1215MRN01 291
1215MRN02 291
1216SR 291
1216SRN 291
1218MR01 291
1218MRN 291
12207MRN 306
12207MRN01 ...306
12207SRN 306
12212MRN 306
12214MRN 306
1224CRN 291
1226MR 291
1226MRN 291
1266MR 292
12706MR 307
12709MRN 307
1271MR 292
1271MRN 292
1272MR 292
1272MR01 292
1275MR 292
1275MRN 292
12807MR 308
1282MR 293
12916MQ1 432
12939MQ1 432
12939MQ-A 432
12939MQ-A01 ..432
12939MQ-A02 ..432
12939MQ-A03 ..432
12939MQ-A04 ..432
12939MQ-A05 ..432
12939MQ-A06 ..432
12939MQ-A07 ..432
12939MQ-A08 ..432
12939MQ-A09 ..432
12939MQ-A10 ..432
12939MQ-A11 ..432
12939MQ-A12 ..432
12939MQ-A13 ..432
12939MQ-A14 ..432
12939MQ-A15 ..432
12939MQ-A16 ..432
12939MQ-A17 ..432
12939MQ-A18 ..432
12939MQ-A19 ..432
12939MQ-A20 ..432
12939MQ-A21 ..432
12939MQ-A22 ..432
12939MQ-A23 ..432
12939MQ-A24 ..432
12939MQ-A25 ..432
12939MQ-A26 ..432
12939MQ-A27 ..432
12939MQ-A28 ..432
12939MQ-A29 ..432
12939MQ-A30 ..432
12939MQ-A31 ..432
12939MQ-A32 ..432
12939MQ-A33 ..432
12939MQ-A34 ..432
12939MQ-A35 ..432
12939MQ-A36 ..432
12939MQ-A37 ..432
12939MQ-A38 ..432
12939MQ-A39 ..432
12939SQ1 432
12939SQ-A 432
12939SQ-A03 ..432
1296MRN 291
12A0MRN 289
12A1MRN 289
12A3MRN 289
12A4MRN 289
12B4MRN 289
12C7MRN 289
12C8MRN 289

13 xxx

13012MR 305
13013MR 305
1306CR 301
1306MR 301
1306MRN 301
1306SR 301
131101P 367
131102P 367
131103P 367
13113MR 306
131501P 367
131502P 367
131503P 367
1317012PN 351
1317012ZN 351
1317046SN 351
1317057SN 351
1317115TN 351
1317225TN 351
1317340TN 351
1317401PN 351
131744BHN 351
1317501ZN 351
131755BHN 351
1317602PN 351
131766BHN 351
1317702ZN 351
13213MR 306
134501P 367
134502P 367

Index

134503P 367
1360012P 356
1360012Z 356
1360022P 356
1360022Z 356
1360023P 356
1360023Z 356
1360451P 356
1360451Z 356
1360552P 356
1360552Z 356
1360703P 356
1360703Z 356
136501P 367
136502P 367
136503P 367
13A6502P 367
13B6502P 367

14 xxx

1406PR 300
14103GP 258
14108SRN 308
14111MRN 308
14110003 346
14110104 346
14110204 346
14110204-E* 346
14110205-E* 346
14110206 346
14110206-E* 346
14110208-E* 346
14110214 346
14110306 346
14110308 346
14120303 346
14120404 346
14120806 346
14120808 346
14125504 346
14126504 346
14126504-E* 346
14126506 346
14126506-E* 346
14126514 346
14210023 342
14210104 342
14210112 342
14210116 342
14210132 342
14210204 342
14210206 342
14210212 342
14210214 342
14210216 342
14210306 342
14220303 342
14220404 342
14220503 342
14220504 342
14220512 342
14220516 342
14220806 342
14220807 342
14220808 342
14221008 342
14225503 342
14225504 342
14225505 342
14225506 342
14226504 342
14226506 342
14226512 342
14226514 342
14226516 342
14230602 343
14230702 343
14230803 343
14230903 343
14231003 343
14231503 343
14231510 343
14232004 343
14232010 343
14232504 343
14232510 343
14232704 343
14233005 343
14233010 343
14234006 343
14240105 343
14240204 343
14240206 343
14270803 343
14270903 343
14271003 343
14271503 343
14272004 343
14272504 343
14272704 343
14273005 343
14274006 343
14280023 343
14280104 343
14280132 343
14280204 343
14280306 343
14311003 387
14311015 387
14311103 387
14311115 387
14312003 387
14312015 387
14313003 387
14313015 387
14320615 387
14320815 387
14321003 387
14321015 387
14321503 387
14321515 387
14321803 387
14321815 387
14322003 387
14322015 387
14322503 387
14322515 387
14323003 387
14323015 387
14323503 387
14323515 387
14324003 387
14324015 387
14330403 387
14330415 387
14330503 387
14330515 387
14330603 387
14330615 387
14330703 387
14330715 387
14330803 387
14330815 387
14330902 387
14330903 387
14331002 387
14331003 387
14331502 387
14331503 387
14332002 387
14332003 387
1450-04 352
1450-05 352
1450-06 352
1450-07 352
1450-08 352
1450-09 352
1450-10 352
1450-11 352
1450-12 352
1450-13 352
1450-45 352
1450-55 352
1453-05 352
1453-05 482
1453-06 352
1453-06 482
1453-07 352
1453-07 482
1453-08 352
1453-08 482
1453-10 352
1453-10 482
14610103 347
14610204 347
14610206 347
14610306 347
14620806 347
14620807 347
14621008 347
14621012 347
14621210 347
14625504 347
14626504 347
14626506 347
14710003 353
14710104 353
14710204 353
14710306 353
14720303 353
14720404 353
14720807 353
14723504 353
14725505 353
14726506 353
14740105 353
14740206 353
14780003 353
14780104 353
14780204 353
14780306 353
14810103 348
14810204 348
14810204-E* 348
14810205 348
14810205-E* 348
14810306 348
14810412 348
14825503 349
14826504 349
14826504-E* 349
14826505-E* 349
14826506 349
14820806 349
14821012 349
14A10132 345
14A10204 345
14A10214 345
14A10306 345
14A20303 345
14A20404 345
14A20808 345
14A25504 345
14A25505 345
14A26506 345
14A26514 345
14A80132 345
14A80204 345
14B10103 348
14B10204 348
14B10206 348
14B10306 348
14B20807 348
14B25504 348
14B26506 348

15 xxx

15001012P 309
15001113P 309
15001214P 309
15001317P 309
15001415P 309
15001417P 309
15001719P 309
15001721P 309
15001921P 309
15001922P 309
15001924P 309
15002123P 309
15002224P 309
15002326P 309
15002427P 309
15002430P 309
15002632P 309
15002730P 309
15002732P 309
15003032P 309
15003236P 309
15003638P 309
15003641P 309
15003841P 309
151001P 367
151002P 367
151003P 367
151501P 367
151502P 367
151503P 367
155001P 367
155002P 367
155003P 367
15631612 315
15631615 315
15631618 315
15631818 315
15632112 315
15632115 315
15632118 315
15661612 315
15661615 315
15661618 315
15661818 315
15662112 315
15662115 315
15662118 315
157501P 367
157502P 367
157503P 367
1586-09 502
158902ERA.....364
1596-09 502

16 xxx

1606MR 295
1609MR 295
1611MR 295
1626MR 295
163604H 357
163605H 357
163605M 358
163606H 357
163606M 358
163607H 357
163608H 357
163608M 358
163609H 357
163609M 358
163610E 358
163610H 357
163610M 358
163610T 357
163610U 358
163612H 357
163612M 358
163614M 358
163615E 358
163615T 357
163615U 358
163620E 358
163620T 357
163620U 358
163625E 358
163625T 357
163625U 358
163627E 358
163627T 357
163627U 358
163630E 358
163630T 357
163630U 358
163640E 358
163640T 357
163640U 358
163645E 358
163645T 357
163645U 358
163650E 358
163650T 357
163650U 358
163655E 358
163655T 357
163655U 358
163660E 358
163660T 357
163660U 358
168004H 357
168005H 357
168005M 358
168006H 357
168006M 358
168007H 357
168008H 357
168008M 358
168009H 357
168009M 358
168010E 358
168010H 357
168010M 358
168010T 357
168010U 358
168012H 357
168012M 358
168014M 358
168015E 358
168015T 357
168015U 358
168020E 358
168020T 357
168020U 358
168025E 358
168025T 357
168025U 358
168027E 358
168027T 357
168027U 358
168030E 358
168030T 357
168030U 358
168040E 358
168040T 357
168040U 358
168045E 358
168045T 357
168045U 358
168050E 358
168050T 357
168050U 358
168055E 358
168055T 357
168055U 358
168060E 358
168060T 357
168060U 358

17 xxx

1706MR 296
1707SR 296
1708MR 296
1708MR01 296
1710MR 296
1712MR 296
1712MRN 296
174010H 211
174010H 222
174012H 211
174012H 222
174014H 211
174014H 222
174017H 211
174017H 222
174019H 211
174019H 222
174022H 211
174022H 222

18 xxx

1805MR 311
1808MR 311
1812MR 311
181202P 356
181203P 356
1826MR 311
183203H 356
183204H 356
183205H 356
183206H 356
183207H 356
183208H 356
183210H 356
183212H 356
183215T 357
183220T 357
183225T 357
183227T 357
183230T 357
183240T 357
183245T 357
183250T 357
183601P 356
183602P 356
183602Z 357
183603P 356
183603Z 357
183604H 356
183604P 356
183604Z 357
183605H 356
183606H 356
183607H 356
183608H 356
183608S 356
183609S 356
183610H 356
183610S 356
183611S 356
183612H 356
183612S 356
183614H 356
183614S 356

Index

183620T 357
183625T 357
183627T 357
183630T 357
183635T 357
183640T 357
183645T 357
183650T 357
183655T 357
183660T 357
1839MR 309
1842MR 309
187015T 357
187020T 357
187025T 357
187027T 357
187030T 357
187040T 357
187045T 357
187050T 357
188002P 356
188003P 356
188004P 356
188008S 356
188010S 356
188012S 356

19 xxx

19000607 294
19000708 294
19000809 294
19000810 294
19000911 294
19001011 294
19001012 294
19001113 294
19001213 294
19001214 294
19001314 294
19001317 294
19001415 294
19001417 294
19001617 294
19001618 294
19001719 294
19001819 294
19001921 294
19001922 294
19002022 294
19002123 294
19002224 294
19002326 294
19002426 294
19002427 294
19002430 294
19002528 294
19002632 294
19002729 294
19002730 294
19002732 294
19003032 294
19003036 294
19003236 294
19003436 294
19004146 294
19005507 294
19100607 302
19100809 302
19100810 302
19101011 302
19101012 302
19101213 302
19101214 302
19101415 302
19101417 302
19101617 302
19101719 302
19101819 302
19101921 302
19102022 302
19102123 302
19102427 302
1912MR 311
1912MRN 311
19200608 300
19200711 300
19201012 300
19201418 300
19201622 300
19202024 300
1926MR 311
19300810 300
19300911 300
19301011 300
19301012 300
19301113 300
19301213 300
19301214 300
19301417 300
19301719 300
19301922 300
19312224 301
19312427 301
19313032 301
19500810 298
19501012 298
19501113 298
19501214 298
19501315 298
19501417 298
19501618 298
19501719 298
19501922 298
19510810 299
19511011 299
19511012 299
19511113 299
19511214 299
19511416 299
19511517 299
19511719 299
19511922 299
195404R 222
195419H 227
195419H 222
195422H 227
195422H 222
195424H 227
195424H 222
195427H 227
195427H 222
195430H 227
195430H 222
195432H 227
195432H 222
19600607 295
19600809 295
19600810 295
19601011 295
19601012 295
19601113 295
19601213 295
19601214 295
19601415 295
19601417 295
19601617 295
19601719 295
19601819 295
19601921 295
19602022 295
19602123 295
19602224 295
19602326 295
19602426 295
19602427 295
19602732 295
19603032 295
19610809 295
19611011 295
19611213 295
19611415 295
19611617 295
19611819 295
19700607 296
19700809 296
19700810 296
19701011 296
19701012 296
19701113 296
19701213 296
19701214 296
19701314 296
19701415 296
19701417 296
19701617 296
19701719 296
19701819 296
19701921 296
19701922 296
19702022 296
19702123 296
19702224 296
19702326 296
19702426 296
19702427 296
19702528 296
19703032 296
199104R 313
19911722 313
199306R 313
19932433 313
19932427 313
19961721 314
19980016 314
19991921 314
19991921A 314
199920R 314
19992224 314
19992224A 314
19992427 314
19992427A 314
19992432 314
19992432A 314
199925R 314
19992730 314
19992730A 314
19992732 314
19992732A 314
19992733 314
19992733A 314
19992833 314
19992833A 314
19993032 314
19993032A 314
19993233 314
19993233A 314
19993238 314
19993238A 314
19993821 314
19993821A 314
19993822 314
19993822A 314
19994121L 314
19994121LA 314
19A00607 304
19A00809 304
19A01011 304
19A01213 304
19A01415 304
19A01617 304
19A01819 304
19A02022 304
19A02123 304
19A02426 304
19A02528 304
19A02729 304
19A03032 304
19A0-09 304
19A0-15 304
19B00810 297
19B01011 297
19B01012 297
19B01113 297
19B01214 297
19B01315 297
19B01417 297
19B01618 297
19B01719 297
19B01921 297
19B02224 297
19C00607 297
19C00809 297
19C01011 297
19C01213 297
19C01415 297
19C01617 297
19C01819 297
19C02022 297
19C02123 297
19C02426 297
19C02528 297
19C03032 297

1A xxx

1A06MR 302

1B xxx

1B06MR 302

1C xxx

1C08MR 297
1C12MR 297

1F xxx

1F06MRN 298

1E xxx

1E10MR 299
1E11MR 299

20 xxx

20107MR01 374
20107SR 374
20108MR 374
20109MR 374
20110MR.....374
201101X 124
201102X 124
201103X 124
201104X 124
201208X 124
201235X 124
201255X 124
20129SR 374
201308X 125
201309X 125
201310X 125
201315X 125
201320X 125
201325X 125
201327X 125
201330X 125
201340X 125
201503MX 124
201504MX 124
201504SX 124
201505MX 124
201506MX 124
201506SX 124
201507SX 124
201508MX 124
201508SX 124
201510MX 124
201510SX 124
201512SX 124
201801X 125
201802X 125
201803X 125
201804X 125
2019MR 133
2019SR 133
20208MR 373
20208MR01 373
20208SR01 373
20209MR 373
20209SR02 373
2021MR 134
20210MR 373
20218MR 373
20219MR 373
20219SR 373
2025MRE01 134
2030CR 135
20306PR 377
20307PR 376
20308PR 376
20309PR 376
2031MR 135
203101 125
203102 125
203103 125
203104 125
20317MR 377
20318PR 376
20319PR 376
203204 125
203207 125
203208 125
203210 125
203235 125
203255 125
203265 125
203308 125
203309 125
203310 125
203315 125
203320 125
203325 125
203327 125
203330 125
203340 125
203503 125
203504 125
203505 125
203506 125
203507 125
203508 125
203510 125
203708 125
203709 125
203710 125
203715 125
203720 125
203725 125
203727 125
203730 125
203740 125
20407PR 376
20409PR 376
20419PR 376
2044SRV 137
2048MRV 137
20505PR01 373
20515PR01 373
20A16MR 376
20A17MR 376

21 xxx

2104PR 132
2107PR 132
2109PR 132
21108MR 379
2119PR 132
21-20-07MR 421
21-20-101 421
21-20-102 421
21208MR 379
21208SR 379
2121-12 535
2121-18 535
2121A-15.....535
2124-18 536
2126-18 536
2127-06M 426
2127-08M 426
2127-11M 426
2127-14M 426
2127-18M 426
2127A-06M 426
2127A-08M 426
2127A-11M 426
2127A-14M 426
2127A-18M 426
2127A-24M 426
2127A-33M 426
2127A-50M 426
2127PR 131
2128-26 536
2128PR 364
2129-24 536
21-30-09MR 422
21309PR 379
213312DF 130
2138PR 364
2141 131
2142 131
2166DF 360
2177DF 130
2178DF 130
2178TG 130
2179DF 130
21A107 317

22 xxx

22106MR 378
22108MR 378
22118MR 378
22208MR 378
22218MR 378
2221-02 129
2221-03 129
2221-04 129
2221-06 129
2221-10 129
2221-12 129
2223-02 129
2223-04 129
22306PR 378
22309PR 378
223004M 124
223005M 124
223006M 124
223007M 124
223008M 124
223009M 124
223010M 124
223011M 124
223012M 124
223013M 124
223014M 124

Index

223045M 124
223055M 124
22319PR 338
223504M 123
223505M 123
223505S 123
223506M 123
223506S 123
223507M 123
223507S 123
223508M 123
223508S 123
223509M 123
223509S 123
223510M 123
223510S 123
223511M 123
223511S 123
223512M 123
223512S 123
223513M 123
223514M 123
223514S 123
223515M 123
223516S 123
223518S 123
223545M 123
223555M 123
227504M 124
227505M 124
227506M 124
227507M 124
227508M 124
2293-02 130
2293-03 130
2293-04 130
2293-06 130

23 xxx

231008M 124
231010M 124
231010S 124
231012S 124
2311-06 130
2311-12 130
2311-18 130
2311MR 131
2312-06 130
2313MR 132
233004M 123
233005M 123
233005S 123
233006M 123
233006S 123
233007M 123
233007S 123
233008M 123
233008S 123
233009M 123
233009S 123
233010M 123
233010S 123
233011M 123
233011S 123
233012M 123
233012S 123
233013M 123
233014M 123
233014S 123
233015S 123
233016S 123
233045M 123
233055M 123
23308PR 380
233504M 123
233505M 123
233505S 123
233506M 123
233506S 123
233507M 123
233507S 123
233508M 123
233508S 123
233509M 123
233509S 123
233510M 123
233510S 123
233511M 123
233511S 123
233512M 123
233512S 123
233513M 123
233514M 123
233514S 123
233515M 123
233515S 123
233516S 123
233518S 123
233532M 123
233545M 123
233555M 123
237504M 124
237505M 124
237506M 124
237507M 124
237508M 124
237510M 124

24 xxx

24110204 346
24110214 346
2413MP8 202
24308PR 380
24311030 388
24311140 388
24312020 388
24330610 388
24330715 388
24330820 388
24330915 388
2452-05F 130
2452DK 130
2452DK 131
2453-05F 131

25 xxx

2501MR 129
2509MR 131
2509SR 131
2510SR 132
2511MR 132
2513MR 131
2513MRD1 131
2515MR 129
2516MR 133
2516MRV03 136
2516SR 133
2517MR 361
2518MR 133
2518MR01 133
2518SR 133
2519MR 133
2519SR 133
2521MR 134
2524MRV 136
2525MRE 134
2526CR 135
2526MR 134
2526SR 134
2528MRV 136
2530CR 135
2531MR 135
2534MRV 136
253504M 202
253505M 202
253506M 202
253507M 202
253508M 202
253509M 202
253510M 202
253511M 202
253512M 202
253513M 202
253514M 202
253545M 202
253555M 202
2539MR 135
2540MR 135
2544SRV 137
2548MRV 137
2550MRV 137
2551MR 136
2551MR01 136
2553MRV 138
2553MRV01 138
2555MR 360
2565MRV 138
2571-45 131
2575MR 135

27 xxx

2725-55F 126
2725-55G 126
2725DK 126
2745 129
2752-06G 126
2752DK 126
2752-45G 126
2755-55G 126
2755DK 126
2756-55G 126
2756DK 126
2760-04 128
2760DK 128
2761-55F 127
2761-55P 127
2761DK 127
2765-04G 128
2765DK 128
2766DK 546
2769-55F 127
2769-55P 127
2769DK 127
276A-04G 128
276ADK 128
2771-55F 127
2771-55G 127
2771DK 127
2774-55F 127
2774-55G 127
2774DK 127
2779-55F 127
2779-55G 127
2779DK 127
2781-06F 128
2781-06P 128
2781DK 128
2789-06P 128
2789DK 128
2792 130

28 xxx

2813 130

30 xxx

3007MR01 150
30106AMRB 345
30107AMRB 345
30115MR 344
30116AMRB 345
30117MR 344
30118MR 344
30127MR 344
3013MR 148
3013SR 148
3020MR 151
3020MR02 151
30206AMRB 348
30206MR 347
3020SR 151
3020SR02 151
302102 144
302103 144
302104 144
302205 144
302208 144
302210 144
302308 144
302309 144
302310 144
302315 144
302320 144
302325 144
302327 144
302330 144
302340 144
302345 144
302350 144
3023MR 151
3024MR 152
3024SR 152
302503 144
302504 144
302505 144
302506 144
302507 144
302508 144
302509 144
302510 144
302512 144
302708 144
302709 144
302710 144
302715 144
302720 144
302725 144
302727 144
302730 144
302740 144
302745 144
302750 144
3027MR 152
3027SR 152
302D08 144
302D09 144
302D10 144
302D15 144
302D20 144
302D25 144
302D27 144
302D30 144
302D40 144
302D45 144
302D50 144
302D55 144
302D60 144
30307PR 344
30309PR 344
30315PR 344
30316PR 344
30317PR 344
30319PR 344
3034MR 152
3036CR 152
303904 144
303905 144
303906 144
303907 144
303908 144
303909 144
303910 144
305101 203
305102 203
305103 203
305104 203
305208 203
305210 203
305255 203
305310 204
305315 204
305320 204
305325 204
305327 204
305330 204
305340 204
305345 204
305350 204
305355 204
305360 204
3054MR 153
305504M 203
305505M 203
305504S 203
305505S 203
305506M 203
305506S 203
305507M 203
305507S 203
305508M 203
305508S 203
305510M 203
305510S 203
305512M 203
305512S 203
305514M 203
305516M 203
305516S 203
305517M 203
305545S 203
30605MR 354
30607MR 354
30607MR02 354
30615MR 354
30617MR 354
306504M 204
306505M 204
306506M 204
306508M 204
306510M 204

31 xxx

3103PR 150
3105PR 149
3106PR 148
3108PR8 149
3109PR8 149
31107MR 344
31116MR 344
3113PR 150
3116PR 148
3118PR 149
3119PR8 149
31216MR 344
3121PR 149
3129PR 148
3131PR8 149
31416MR 350
31416MR-A 350
31416MR-D 350
31419MR 389
31419MR-A 389
31419MR-D 389
3146PR 149
314708S 204
314710M 204
314710S 204
314808S 148
314810S 148
314810M 148
3149PR8 149
31512MR 350
31512MR01 350
31512MR-A 350
31512MR01-A ...350
31512MR-D 350
31512MR01-D ..350
31516MR 350
31516MR-A 350
31516MR-D 350
31519MR 350
31519MR-A 350
31519MR-D 350

32 xxx

3203 312
3203 487
320300 312
320300 487
320301 312
3203A0 312
3203A0 487
3204 312
3204 488
320540 488
320560 488
320600 312
320600 487
320670 312
320670 488
320760 488
32108MR 388
32118MR 388
3213MR 150
3214-35 424
3214-60 424
321510M 111
321510M 139
321512M 111
321512M 139
32209MR 388
32218MR 388
3221-03 147
3221-06 147
3221-10 147
3221-16 147
3221-18 147
3221-24 147
3223-02 147
3223-03 147
3223-06 147
3223-10 147
3223-14 147
323007M 140
323008M 140
323008S 140
323009M 140
323010M 140
323010S 140
323011M 140
323012M 140
323012S 140
323013M 140
323014M 140
323014S 140
323015M 140
323016M 140
323016S 140
323017M 140

Index

323018M 140
323018S 140
323019M 140
323020S 140
323021M 140
323022M 140
323022S 140
323024M 140
323024S 140
323026S 140
323028S 140
323030S 140
323032S 140
32309PR 388
323506M 140
323507M 140
323508M 140
323508S 140
323509M 140
323510M 140
323510S 140
323511M 140
323512M 140
323512S 140
323513M 140
323514M 140
323514S 140
323515M 140
323516M 140
323516S 140
323517M 140
323518M 140
323518S 140
323519M 140
323520S 140
323521M 140
323522M 140
323522S 140
323524M 140
323524S 140
323526S 140
323528S 140
323530S 140
323532S 140
32518MR 351
32518MR01 352
32518MR02 352
3260-03P 204
3260-04P 204
3260-05P 204
3260-06P 204
3260-08P 204
3260-10P 204
32607MR 388
327504M 140
327505M 140
327506M 140
327507M 140
327508M 140
327510M 140
327511M 140
327512M 140
327514M 140
327516M 140
327518M 140
32809MR 360
3293-03 147
3293-06 147
3293-10 147

33 xxx

33108MR 344
3311-06 147
3311-12 147
33111 253
33112 253
33121 253
33122 253
333006M 139
333007M 139
333008M 139
333008S 139
333009M 139
333010M 139
333010S 139
333011M 139
333011S 139
333012M 139
333012S 139
333013M 139
333014M 139
333014S 139
333015M 139
333015S 139
333016M 139
333016S 139
333017M 139
333018M 139
333018S 139
333019M 139
333019S 139
333020M 139
333020S 139
333021M 139
333022M 139
333022S 139
333023M 139
333024M 139
333024S 139
333026S 139
333028S 139
333030S 139
333032S 139
33311-020 237
33311-021 237
333506M 139
333507M 139
333508M 139
333508S 139
333509M 139
333510M 139
333510S 139
333511M 139
333511S 139
333512M 139
333512S 139
333513M 139
333514M 139
333514S 139
333515M 139
333515S 139
333516M 139
333516S 139
333517M 139
333518M 139
333518S 139
333519M 139
333519S 139
333520M 139
333520S 139
333521M 139
333522M 139
333522S 139
333523M 139
333524M 139
333524S 139
333526S 139
333528S 139
333530S 139
333532S 139
33411-020 237
33411-021 237
33411-040 240
33411-041 240
33411-050 240
33411-051 240
33411-71 258
33412-040 240
33412-041 240
33412-050 240
33412-051 240
33421-040 240
33421-041 240
33431-050 239
33431-051 239
33431-065 241
33431-066 241
33451-045 237
33451-046 237
33481-095 242
33481-096 242
33491-030 238
33491-031 238
335008M 143
335009M 143
335010M 143
335011M 143
335012M 143
335013M 143
335014M 143
335015M 143
335016M 143
335017M 143
335018M 143
335019M 143
335108M 143
335109M 143
335110M 143
335111M 143
335112M 143
335113M 143
335114M 143
335115M 143
335116M 143
335117M 143
335118M 143
335119M 143
33611-055 241
33611-056 241
33612-055 241
33612-056 241
33621-075 241
33621-076 241
33622-075 241
33622-076 241
33631-110 242
33631-111 242
33632-110 242
33632-111 242
33671-160 244
33672-160 244
33681-100 242
33681-101 242
337504M 140
337505M 140
337506M 140
337507M 140
337508M 140
337510M 140
337511M 140
337512M 140
337514M 140
337516M 140
337518M 140
33811-150 245
33812-150 245
33831-180 245
33832-180 245
33841-180 243
33842-180 243
33851-120 243
33851-121 243
33851-250 247
33852-120 243
33852-121 243
33852-250 247
33861-200 246
33862-200 246
33871-160 244
33872-160 244
33911-250 247
33912-250 247
33921-300 247
33922-300 247

34 xxx

3406MP 205
3410MP 205
34101-040M 512
34111-1DG 278
34111-1EG 278
34111-2DG 278
34111-2EG 278
341118-17M 339
341142-22M 339
341155-26M 339
341165-29M 339
3411003MR01...339
341214M 512
3419PP 205
34207-1A 276
34211-3DG.....278
34223-1A 273
34223-1B 273
34223-1C 273
34223-1DK1 273
34262-1CG 263
34262-1DG 263
34262-1DK 263
34262-1EG 263
34262-1GG 263
34262-2DG 263
34262-3DG 263
3426A-1DG 266
3426A-1DK 266
3426A-1DK 268
3426A-1DK01 ...268
3426A-1EG 266
3426A-2DG 266
3426A-2EG 266
3426C-1DF 265
3426C-1DK 265
3426C-2DF 265
3426E-1DK 271
3426E-1HG 271
34307-1A 276
34323-1A 273
34323-1B 273
34323-1C 273
34323-1DK1 273
34323-2A 273
34323-2B 273
34323-2C 273
34323-2DK1 273
3432F-1KF 272
3432F-3KF 272
343506M 202
343507M 202
343508M 202
343508S 203
343509M 202
343510M 202
343510S 203
343511M 202
343512M 202
343512S 203
343513M 202
343514M 202
343514S 203
343515M 202
343516M 202
343516S 203
343517M 202
343518M 202
343518S 203
343519M 202
343520M 202
343520S 203
343521M 202
343522M 202
343522S 203
343523M 202
343524M 202
343524S 203
343526S 203
343528S 203
34362-1CG 263
34362-1DG 263
34362-1DK 263
34362-1EG 263
34362-1GG 263
34362-2CG 263
34362-2DG 263
34362-2DK 263
34362-2EG 263
34362-2GG 263
34362-3DG 263
34367-2AG 275
3436A-2DG 266
3436A-2DK 266
3436A-2DK 268
3436A-2DK01 ...266
3436A-2DK01 ...268
3436A-2EG 266
3436C-1DF 265
3436C-1DK 265
3436C-2DF 265
3436E-1DK 271
3436E-1HG 271
3436E-2HG 271
3436E-3HG 271
34387-2AG 275
34407-1A 276
34407T-1A 276
34423-1A 273
34423-1B 273
34423-1C 273
34423-1DK1 273
34423-2A 273
34423-2B 273
34423-2C 273
34423-3DK 273
3442F-1KF 272
3442F-3KF 272
34440 278
34440A 278
3445G-1FB 274
34462-1CG 263
34462-1DG 263
34462-1DK 263
34462-1EG 263
34462-1FG 263
34462-1GG 263
34462-2CG 263
34462-2DG 263
34462-3DG.....263
34462-3DK.....263
34462-4DG 263
34462-2EG 263
34462-2FG 263
34462-2GG 263
34462-3GG 263
34464-1DK 272
34464-1FG 272
34464-2FG 272
34467-1AG 275
3446A-1DG 266
3446A-1DK 266
3446A-1DK01 ...266
3446A-1DK01 ...268
3446A-1DK 268
3446A-1EG 266
3446A-2DG 266
3446A-2EG 266
3446E-1DK 271
3446E-1HG 271
3446E-2HG 271
3446E-3HG 271
34486 279
34486-05A 279
34486-P03 279
34487-1AG 275
34488 279
34488-05A 279
34488-26 280
34488-P03 279
34501107M 268
34501108M 268
34501108S 268
34501109M 268
34501110M 268
34501110S 268
34501111M 268
34501112M 268
34501112S 268
34501113M 268
34501114M 268
34501114S 268
34501115M 268
34501116M 268
34501116S 268
34501117M 268
34501118M 268
34501118S 268
34501119M 268
34501120S 268
34501121M 268
34501122M 268
34501122S 268
34501124M 268
34501124S 268
34501127M 268
34501130M 268
34501132M 268
34501136M 268
34501213M 269
34501214M 269
34501215M 269
34501216M 269
34501216S 269
34501217M 269
34501218M 269
34501218S 269
34501219M 269
34501220S 269
34501221M 269
34501222M 269
34501222S 269
34501223M 269
34501224M 269
34501224S 269
34501225M 269
34501226M 269
34501226S 269
34501227M 269
34501228S 269

Index .....

34501230M 269
34501230S 269
34501232M 269
34501232S 269
34501234M 269
34501236M 269
34501236S 269
34501238M 269
34501240M 269
34501240S 269
34501241M 269
34501248S 269
34501410M 269
34501411M 269
34501412M 269
34501413M 269
34501414M 269
34501416M 269
34501417M 269
34501418M 269
34501419M 269
34501421M 269
34501422M 269
34502107M 269
34502108M 269
34502108S 269
34502110M 269
34502110S 269
34502111M 269
34502112M 269
34502112S 269
34502113M 269
34502114M 269
34502114S 269
34502115M 269
34502116M 269
34502116S 269
34502117M 269
34502118M 269
34502118S 269
34502119M 269
34502120S 269
34502121M 269
34502122M 269
34502122S 269
34502124S 269
34502126S 269
34502128S 269
34502213M 270
34502214M 270
34502215M 270
34502216M 270
34502216S 270
34502217M 270
34502218M 270
34502218S 270
34502219M 270
34502220S 270
34502221M 270
34502222M 270
34502224M 270
34502224S 270
34502227M 270
34502230M 270
34502232M 270
34502234M 270
34502236M 270
34502241M 270
34503102R 268
34503103R 268
34503104R 268
34503203R 268
34503204R 268
34503206R 268
345101E08MR..270
345102D08MR..270
345102E08MR..270
345104D08MR..270
34512-1CG 267
34512-1DG 267
34512-1EG 267
34512-1FG 267
34512-2CG 267
34512-2DG 267
34512-2EG 267
34512-2FG 267
34512-3CG 267
34512-3DG 267
34512-3EG 267
34512-3FG 267
34512-4DG 267
3452-08F 147
3452-08G 147
3452-10F 147
3452-10G 147
345201D11MR..270
345201E11MR..270
345202D11MR..270
345202E11MR..270
345203D11MR..270
345203E11MR..270
34522-1CG 267
34522-1DG 267
34522-1EG 267
34522-1FG 267
34522-2CG 267
34522-2DG 267
34522-2EG 267
34522-2FG 267
34522-3CG 267
34522-3DG 267
34522-3EG 267
34522-3FG 267
34522-4DG 267
34522-5DG 267
34522-6DG 267
34522-7DG 267
34522-8DG 267
34522-9DG 267
3452DK 147
34607-1A 277
3465G-1FB 274
3465G-2FB 274
3465G-3FB 274
34660 278
34660A 278
34662-1CG 263
34662-1DG 263
34662-1DK 263
34662-1EG 263
34662-1GG 263
34662-2CG 263
34662-2DG 263
34662-2EG 263
34662-2GG 263
34662-3CG 263
34662-3DG 263
34662-3DK1 263
34662-3EG 263
34662-4EG 263
34662-3GG 263
3466A-1DK 268
3466A-1DK01 ...268
3466E-1DK.....271
3466E-1HG.....271
3466E-2HG.....271
34688 279
34688-05A 279
34688-P01 279
34688-P02 279
34688-P03 279
3485G-1DB 274
3485G-2DB 274
34862-1CG 263
34862-1DG 263
34862-1DK 263
34862-1DK 264
34862-1EG 263
34862-1GG 263
34862-2CF 264
34862-2CG 264
34862-2DF 264
34862-2DG 264
34862-2DK 263
34862-2DK 264
34862-2EF 264
34862-2EG 264
34862-2FF 264
34862-1FG 263
34862-2FG 264
34862-2GG 264
34862-3CF 265
34862-3DK.....265
34862-3DK90....265
34862-3DK91....265
34862-3DK92....265
34862-3FF 265
3488A03MP 281

35 xxx

3508MR 150
3508MR10 148
3508SR 150
35105MR 346
35107MR 346
3511-06 317
3511-10 317
35114MR 349
35114MR01 349
35116MR01 346
3513MR 148
3520MR ... .151
3520MR02 151
35208MR 347
3523MR 151
3523MRV10 151
3524MR 152
3527MR 152
3534MR 152
353506M 202
353507M 202
353508M 202
353508S 202
353509M 202
353510M 202
353510S 202
353511M 202
353512M 202
353512S 202
353513M 202
353514M 202
353514S 202
353515M 202
353516M 202
353516S 202
353517M 202
353518M 202
353518S 202
353519M 202
353520S 202
353522S 202
353524S 202
3537MR 153
3568MR 153
3568MR-A 153
3568MR-D 153
3571-08 147
357505M 203
357506M 203
357507M 203
357508M 203
357510M 203
357512M 203
357514M 203

36 xxx

3602MR 143
3611-06P 311
3611-06R 311
3611-08P 311
3611-08R 311
3611-10P 311
3611-10R 311
3611-12P 311
3611-12R 311
3611-15HP 311
3611-15HR 311
3611-18HP 311
3611-18HR 311
3611-24HP 311
3611-24HR 311
3612MR 143
3616-10 312
36206MR 349
363016 142
363016 501
363021 142
363021 501
3631-10R 311
363516 142
363516 501
363521 142
363521 501
3641-35 312
3641-50 312
3641-80 312
3641-C0 312
3641-I0 312
365014A 141
365014B 141
365016A 141
365016B 141
366016 501
366016 142
366021 501
366021 142
366516 142
366516 501
366521 142
366521 501
367014 142
367016 142
367018 142
367021 142
367514 142
367516 142
367518 142
367521 142
36B014 141
36B014 501
36B018 141
36B018 501
36B514 141
36B514 501
36C014 141
36C014 501
36D014 141
36D014 501

37 xxx

3716MR 142
372108M 308
372110M 308
372110S 308
372111M 308
372112M 308
372112S 308
372113M 308
372114M 308
372114S 308
372115M 308
372116M 308
372116S 308
372117M 308
372118M 308
372118S 308
372119M 308
372120S 308
372122S 308
372124S 308
37221-030 252
37221-031 252
37235-030 252
37235-031 252
3725-08F 145
3725-08G 145
3725DK 145
373008M 304
373009M 304
373010M 304
373011M 304
373012M 304
373013M 304
373014M 304
373015M 304
373016M 304
373017M 304
373018M 304
373019M 304
373108M 305
373109M 305
373110M 305
373111M 305
373112M 305
373113M 305
373114M 305
373115M 305
373116M 305
373117M 305
373118M 305
373119M 305
373121M 305
373122M 305
373124M 305
373127M 305
373130M 305
373132M 305
373202H 309
373202R 309
373203R 309
373204R 309
373207M 305
373208M 305
373209M 305
373210M 305
373210S 305
373211M 305
373212M 305
373212S 305
373213M 305
373214M 305
373214S 305
373215M 305
373216M 305
373216S 305
373217M 305
373218M 305
373218S 305
373219M 305
37321-050 252
37321-051 252
373220S 305
373221M 305
373222M 305
373222S 305
373224M 305
373224S 305
373225H 309
373228S 305
373230S 305
37323-080 251
37323-081 251
37334-080 252
37334-081 252
37335-030 252
37335-075 252
37335-076 252
37360809M 307
37361011M 307
37361013M 307
37361213M 307
37361415M 307
37361618M 307
37361719M 307
37370607M 307
37370809M 307
37371011M 307
37371213M 307
37371415M 307
37371618M 307
37371719M 307
37372123M 307
37372224M 307
373810M 308
373811M 308
373812M 308
373813M 308
373814M 308
373815M 308
373816M 308
373817M 308
373819M 308
373A08M 306
373A10M 306
373A12M 306
373A13M 306
373A14M 306
373A17M 306
373A19M 306
37423-080 251
37423-081 251
37434-080 252
37434-081 252
37435-075 252
37435-076 252
375010M 143
375011M 143
375012M 143
375012S 143
375013M 143
375014M 143
375014S 143
375015M 143
375016M 143
375016S 143
375017M 143
375018M 143
375018S 143
375019M 143
375020S 143
375022S 143
375024S 143
3752-09G 145
3752DK 145
3755-08G 145
3755DK 145
3756-08G 145

Index

3756DK 145
3760-05G 431
3760-45 145
3760DK 145
3761-08F 146
3761-08P 146
3761DK 146
3769-08F 146
3769-08P 146
3769DK 146
3771-08F 146
3771-08G 146
3771DK 146
3774-08F 146
3774-08G 146
3774DK 146
3779-08F 146
3779-08G 146
3779DK 146
3781-11F 147
3781-11P 147
3781DK 147
378508M 142
378509M 142
378510M 142
378512M 142
378514M 142
378516M 142
3789DK 153
3792 148
3794 148
3795-15 317
3795-18 317
3795-24 317
3795-30 317
3796P 204

38 xxx

3812 148
3814 148
3862P 204
3864P 204

39 xxx

39110312M 431
39123010M 431
39123012M 431
39124012M 431

40 xxx

4010MR 166
4010SR 166
4012MR 170
4012SR 170
401408M 156
401409M 156
401410M 156
401411M 156
401412M 156
401413M 156
401414M 156
401419M 156
401505M 211
401506M 211
401507M 211
401508M 211
401508S 211
401509M 211
401510M 211
401510S 211
401512M 211
401512S 211
401513M 211
401514M 211
401516S 211
401517M 211
401519M 211
4016SR 170
402102 159
402103 159
402104 159
402208 159
402210 159
402212 159
402214 159
402216 159
402320 160
402325 160
402327 160
402330 160
402340 160
402345 160
402350 160
402355 160
402360 160
402370 160
4024MR 171
4024SR 171
402503 159
402504 159
402505 159
402506 159
402506S 159
402507 159
402507S 159
402508 159
402508S 159
402509 159
402509S 159
402510 159
402510S 159
402512 159
402512S 159
402514 159
402514S 159
402516S 159
402517 159
402518S 159
402519 159
402520S 159
402524S 159
402605 159
402606 159
402608 159
402610 159
402612 159
402614 159
402616 159
402618 159
4026MR 172
4026MR03 172
4026MR04 172
4026SR 172
4026SR03 172
402720 160
402725 160
402727 160
402730 160
402740 160
402745 160
402750 160
402755 160
402760 160
4028MR 173
4028SR 173
402A10 160
402B16 160
402B18 160
4030CR 171
4030CR01 171
4032MR 173
4032SR 173
403320 160
403325 160
403327 160
403330 160
403340 160
403345 160
403350 160
403355 160
403360 160
403370 160
4033MR 171
4033SR 171
4034MR 173
403504 159
403505 159
403506 159
403507 159
403508 159
403509 159
403510 159
403511 159
403512 159
403514 159
403517 159
403519 159
403605 159
403606 159
403608 159
403610 159
403612 159
403614 159
403720 160
403725 160
403727 160
403730 160
403740 160
403745 160
403750 160
403755 160
403760 160
404108 160
4042CR 174
4042CR02 174
4044CR 174
404605 159
404607 159
404608 159
404610 159
404612 159
404614 159
404904 160
404905 160
404906 160
404907 160
404908 160
404909 160
404910 160
404912 160
404913 160
404914 160
404916 160
404925 160
405320 211
405325 211
405327 211
405330 211
405340 211
405345 211
405350 211
405355 211
405360 211
405370 211
405504M 210
405505M 210
405506M 210
405506S 210
405507M 210
405508M 210
405508S 210
405510M 210
405510S 210
405512M 210
405512S 210
405513M 210
405514M 210
405514S 210
405516M 210
405516S 210
405517M 210
405518M 210
405519M 210
405608M 211
405610M 211
405612M 211
40603GP 327
406325 211
406327 211
406330 211
406340 211
406345 211
406350 211
406355 211
406360 211
406504M 211
406505M 211
406506M 211
406508M 211
406510M 211
406512M 211
406514M 211
406608 159
406609 159
406610 159
406612 159
406614 159
406616 159
4066MR 157
4066MR-A 157
4066MR-D 157
4066SR 157
4066SR-A 157
4066SR-D 157
4072MR 155
4072MR-A 155
4072MR-D 155
4072SR 155
4072SR-A 155
4072SR-D 155
407505M 212
407506M 212
407508M 212
407510M 212
407512M 212
407514M 212
409616M 211
40D006 159
40D008 159
40D010 159
40D506 159
40D508 159
40D510 159

41 xxx

41026MR 175
4104PR 164
4105PR 167
4106PR 166
4108FR 175
4108PR10 167
4109PR 169
4109PR10 167
4110PR 169
4110PR10 166
4110SR10 166
4111FR 175
4112FR 175
4116PR 167
4117PR 169
4118MR 166
4119PR 169
4119PR10 167
4120PR 169
4120PR10 167
4121-11GR 164
4126PR 167
4128PR 169
4136PR 167
414708S 212
414710M 212
414710S 212
414808S 165
414810M 165
414810S 165
414A08S 212
41526MR 175

42 xxx

4208MR 168
4208MR10 166
4208SR 168
42104GP 326
42104GP01 326
42107GX 404
42114GP 326
42116GP 326
4213MR 168
42124GP 326
42124GP01 326
4215MR 168
42154GP 326
4216MR 168
4220MR 170
4221-18 164
4221-24 164
4221-30 164
4221-36 164
42213GP01 326
4223-02R 164
4223-05R 164
4223-10R 164
423008M 155
423009M 155
423010M 155
423010S 155
423011M 155
423012M 155
423012S 155
423013M 155
423014M 155
423014S 155
423015M 155
423016M 155
423016S 155
423017M 155
423018M 155
423018S 155
423019M 155
423020M 155
423020S 155
423021M 155
423022M 155
423022S 155
423023M 155
423024M 155
423024S 155
423025M 155
423026M 155
423026S 155
423027M 155
423028M 155
423028S 155
423029M 155
423030M 155
423030S 155
423032M 155
423032S 155
423033M 155
423034S 155
423036M 155
423036S 155
423038S 155
423040S 155
423508M 156
423509M 156
423510M 156
423510S 156
423511M 156
423512M 156
423512S 156
423513M 156
423514M 156
423514S 156
423515M 156
423516M 156
423516S 156
423517M 156
423518M 156
423518S 156
423519M 156
423520M 156
423520S 156
423521M 156
423522M 156
423522S 156
423523M 156
423524M 156
423524S 156
423525M 156
423526M 156
423526S 156
423527M 156
423528M 156
423528S 156
423529M 156
423530M 156
423530S 156
423532M 156
423532S 156
423533M 156
423534S 156
423536M 156
423536S 156
423538M 156
423538S 156
423540S 156
423541M 156
423542S 156
423544S 156
423546S 156
423548S 156
424508M 156
424509M 156
424510M 156
424512M 156
424513M 156
424514M 156
4251-02R 164
4251-03R 164
4251-04R 164
4251-05R 164
4251-06R 164
4251-08R 164
4251-10R 164
425508M 156
425509M 156

Index

425510M 156
425512M 156
425513M 156
425514M 156
4260-03 212
4260-03P 212
4260-04 212
4260-04P 212
4260-05 212
4260-05P 212
4260-06 212
4260-06P 212
4260-08 212
4260-08P 212
4260-10 212
4260-10P 212
4260-12 212
4260-12P 212
4260-16 212
4260-16P 212
4269-08-90 213
4269-08-A0 213
4269-08-B0 213
4269-08-C0 213
4269-08-D5 213
4269-08-F0 213
4269-08-G0 213
4269-08-H5 213
4269-08-J0 213
4269-08-K0 213
427508M 157
427510M 157
427512M 157
427514M 157
427516M 157
427518M 157
427520M 157
427522M 157
427524M 157
4293-02 164
4293-05 164
4293-10 164

43 xxx

4308MR 168
4308MR10 166
4311-16F 164
4311-16G 164
4311MR 166
4313MR01 168
4315MR 168
4316MR 168
4320MR 170
4325MR 170
43250115Y 534
43260115Y 535
43270115Y 535
43290115Y 535
43280212 534
432A0113 535
432A0213 535
433008MR 154
433009MR 154
433010MR 154
433010SR 154
433011MR 154
433012MR 154
433012SR 154
433013MR 154
433013SR 154
433014MR 154
433014SR 154
433015MR 154
433015SR 154
433016MR 154
433016SR 154
433017MR 154
433018MR 154
433018SR 154
433019MR 154
433019SR 154
433020MR 154
433020SR 154
433021MR 154
433022MR 154
433022SR 154
433023MR 154
433024MR 154
433024SR 154
433025MR 154
433025SR 154
433026MR 154
433026SR 154
433027MR 154
433028MR 154
433028SR 154
433029MR 154
433030MR 154
433030SR 154
433032MR 154
433032SR 154
433033MR 154
433034MR 154
433034SR 154
433036MR 154
433036SR 154
433038SR 154
433040SR 154
433044SR 154
433506MR 154
433507MR 154
433508MR 154
433509MR 154
433510MR 154
433510SR 154
433511MR 154
433512MR 154
433512SR 154
433513MR 154
433514MR 154
433514SR 154
433515MR 154
433515SR 154
433516MR 154
433516SR 154
433517MR 154
433518MR 154
433518SR 154
433519MR 154
433519SR 154
433520MR 154
433520SR 154
433521MR 154
433522MR 154
433522SR 154
433523MR 154
433524MR 154
433524SR 154
433525MR 154
433525SR 154
433526MR 154
433526SR 154
433527MR 154
433528MR 154
433528SR 154
433529MR 154
433530MR 154
433530SR 154
433532MR 154
433532SR 154
433533MR 154
433534MR 154
433534SR 154
433536MR 154
433536SR 154
433538MR 154
433538SR 154
433539MR 154
433540SR 154
433541MR 154
433546MR 154
437508M 157
437510M 157
437512M 157
437514M 157
437516M 157
437518M 157
437520M 157
437522M 157
437524M 157

44 xxx

4405MX 217
4406MX 217
4407MP 218
4408MP 215
4408SP 215
4410MP 216
4410MP01 216
4410SP 216
44116MP 248
44116MP04 248
44116MP10 248
44118MP 248
44118MP04 248
44118MP10 248
4412MP 215
4413MP 215
4414MP 215
4414SP 215
441517M 209
441519M 209
441521M 209
441522M 209
4415MP 215
4415MP03 215
4416SP 215
4417PP 218
4418MP 218
4423MP 215
443008M 207
443009M 207
443010M 207
443011M 207
443012M 207
443013M 207
443014M 207
443015M 207
443016M 207
443017M 207
443018M 207
443019M 207
443020M 207
443020S 207
443021M 207
443022M 207
443023M 207
443024M 207
443024S 207
443027M 207
443028S 207
443030M 207
443030S 207
443032M 207
443032S 207
443034S 207
443036M 207
443036S 207
443040S 207
443042S 207
443048S 207
443508M 207
443509M 207
443510M 207
443510S 207
443511M 207
443512M 207
443512S 207
443513M 207
443514M 207
443514S 207
443515M 207
443516M 207
443516S 207
443517M 207
443518M 207
443518S 207
443519M 207
443520M 207
443520S 207
443521M 207
443522M 207
443522S 207
443523M 207
443524M 207
443524S 207
443525M 207
443526M 207
443526S 207
443527M 207
443528M 207
443528S 207
443529M 207
443530M 207
443530S 207
443532M 207
443532S 207
443533M 207
443534M 207
443534S 208
443536M 207
443536S 208
443538M 207
443538S 208
443540S 208
443541M 207
443542S 208
443546M 207
4440MP 217
4440SP 217
4450MP 217
4450SP 217
44506MP 248
44506MP01 248
44506MP10 248
4452-15FR 164
4452-18FR 164
4452-24FR 164
4452DK 164
4452DK1 164
4453-15F.....164
4453-18F.....164
4457MP 218
4462-18F 164
4462-24F 164
4462DK 164
4466MP 208
4466MP-A 208
4466MP-DA 208
4466MP-DB 208
4466SP 208
4466SP-A 208
4466SP-D 208
4467PP 218
4472MP 206
4472SP 206
4476MP 218
44801AMP 249
44801AMP01 249
44801BMP 249
44801BMP01 249
44801FMP 249
44801FMP01 249
44802AMP 250
44802BMP 250
44802FMP 250
4481PP1 213
44K928M 158
44K932M 158
44K938M 158

45 xxx

4501MR 169
4503MR 313
4505MR 175
4505SR 175
4506MR 313
4510MR 166
4510SR 166
4511-06 317
4511-10 317
45115PP 537
4511MR 169
4511SR 169
4512MR 170
4512SR 170
4516MR 170
4516SR 170
45211PP 537
4523MRV01 171
4524MR 171
4524SR 171
452513M 206
452514M 206
452517M 206
452519M 206
452521M 206
452522M 206
452524M 206
4526MR 172
4526MR03 172
4526MR15 172
4526SR 172
4526SR03 172
4528MR 173
4528SR 173
453008M 205
453009M 205
453010M 205
453011M 205
453012M 205
453013M 205
453014M 205
453015M 205
453016M 205
453016S 205
453017M 205
453018M 205
453018S 205
453019M 205
453020M 205
453020S 205
453021M 205
453022M 205
453022S 205
453023M 205
453024M 205
453024S 205
453025M 205
453026M 205
453026S 205
453027M 205
453028M 205
453028S 205
453029M 205
453030M 205
453030S 205
453032M 205
453032S 205
453033M 205
453034M 205
453034S 205
453036M 205
453036S 205
453038M 205
453038S 205
453041M 205
4532MR 173
4532SR 173
4533MR 171
4533SR 171
4534MR 173
453508M 206
453509M 206
453510M 206
453510S 206
453511M 206
453512M 206
453512S 206
453513M 206
453514M 206
453514S 206
453515M 206
453516M 206
453516S 206
453517M 206
453518M 206
453518S 206
453519M 206
453520M 206
453520S 206
453521M 206
453522M 206
453522S 206
453523M 206
453524M 206
453524S 206
453525M 206
453526M 206
453526S 206
453527M 206
453528M 206
453528S 206
453529M 206
453530M 206
453530S 206
453532M 206
453532S 206
453533M 206
453534M 206
453534S 206
453535M 206
453536M 206
453536S 206
453537M 206
453538M 206
453538S 206
453539M 206
453540S 206
453541M 206
453546M 206
4535MR 174
4542CR 174
4542CR02 174
4544CR 174
4566MR 157

Index

4566MR-A 157
4566MR-D 157
4572-10 164
4572-12 164
4572DK 164
4572MR 155
4572MR-A 155
4572MR-D 155
4572SR 155
4572SR-A 155
4572SR-D 155
4573-10R 165
4573DK 165
457510M 209
457512M 209
457514M 209
457516M 209
457518M 209
457520M 209
4581-10 165
4583-12R 165
4584-12R 165

46 xxx

463014RC 158
463016R 158
463021R 158
463514RC 158
463516R 158
463521R 158
466016 158
466021 158
466516 158
466521 158
467014C 158
467016 158
467021 158
467514C 158
467516 158
467521 158

47 xxx

4724-01 339
4724-11G 339
4725-10FR 161
4725-10GR 161
4725-12BR 161
4725-12FR 161
4725-12GR 161
4725DKR01 161
4752-12G 161
4752DK 161
4755-10G 161
4755DK 161
4756-10G 161
4756DK 161
4760-05 162
4760-05G 162
4760DK 162
4762-10F 162
4762-10G 162
4762-10P 162
4762-15F 162
4762-15G 162
4762-15P 162
4762DK 162
4766DK 547
4767-10F 162
4767DK 162
4768-10F 162
4768-10G 162
4768-10P 162
4768-15F 162
4768-15G 162
4768-15P 162
4768DK 162
4771-10BR 162
4771-10FR 162
4771-10GR 162
4771DK 162
4772-10F 163
4772-10FS 163
4772-10G 163
4772-10GS 163
4772DK 163
4772DK01 163
4774-10F 163
4774-10G 163
4774DK01 163
4779-10BR 163
4779-10FR 163
4779-10GR 163
4779DK01 163
4781-12F 163
4781-12P 163
4781DK 163
4791R 165
4794 165
4795-18 317
4795-24 317
4795-30 317
4795-36 317
4796 214
4796P 214
4797 214
4797P 214
4798 214
4798P 214
479AP 214

48 xxx

4813 165
4815MP04 216
4815MP05 216
4816 165
48280180 534
483510M 208
483511M 208
483512M 208
483513M 208
483514M 208
483516M 208
483517M 208
483519M 208
483521M 208
483522M 208
483523M 208
483524M 208
483526M 208
483527M 208
483530M 208
483535M 208
4863 214
4863P 214
4866 214
4866P 214
4873 214
4873P 214

49 xxx

49151719M 209
49151921M 209
49152122M 209
49152123M 209
49152426S 209
493008M 208
493009M 208
493010M 208
493011M 208
493012M 208
493013M 208
493014M 208
493015M 208
493016M 208
493017M 208
493018M 208
493019M 208
493020M 208
493021M 208
493022M 208
493023M 208
493024M 208
493027M 208
493030M 208
493032M 208
493036M 208
493510M 208
493510S 209
493511M 208
493512M 208
493512S 209
493513M 208
493514M 208
493514S 209
493516M 209
493516S 209
493517M 209
493518S 209
493519M 209
493520S 209
493521M 209
493522M 209
493522S 209
493523M 209
493524M 209
493524S 209
493526M 209
493526S 209
493527M 209
493528S 209
493530M 209
493530S 209
493532S 209
493534S 209
493536S 209
493538S 209
493540S 209
494517MX 209
494519MX 209
494521MX 209

4A xxx

4A5510M 210
4A5511M 210
4A5512M 210
4A5512S 210
4A5513M 210
4A5514M 210
4A5514S 210
4A5515M 210
4A5516M 210
4A5516S 210
4A5517M 210
4A5518M 210
4A5518S 210
4A5519M 210
4A5520S 210
4A5521M 210
4A5522M 210
4A5522S 210
4A5524M 210
4A5524S 210
4A5526S 210
4A5528S 210
4A5530S 210

4B xxx21

4B5510M 210
4B5511M 210
4B5512M 210
4B5512S 210
4B5513M 210
4B5514M 210
4B5514S 210
4B5515M 210
4B5516M 210
4B5516S 210
4B5517M 210
4B5518M 210
4B5518S 210
4B5519M 210
4B5520S 210
4B5521M 210
4B5522M 210
4B5522S 210
4B5524M 210
4B5524S 210
4B5526S 210
4B5528S 210
4B5530S 210

50 xxx

5022MR 182
5022SR 182
502503H 355
502503H.B 355
502504H 355
502504H.B 355
502505H 355
502505H.B 355
502506H 355
502506H.B 355
502507H 355
502507H.B 355
502508H 355
502508H.B 355
502509H 355
502509H.B 355
502510H 355
502510H.B 355
5039CR 183
5060-08 290
5060-10 290
5060-12 290
5060-14 290
5060-16 290
5060-18 290
5060-20 290
5060-22 290
5060-24 290
5060-26 290
5060-28 290
5060-30 290
5060-32 290
5060-34 290
5060-36 290
5060-40 290
5071-42 290
5071-44 290
5071-46 290
5071-48 290
5071-50 290
5071-52 290
5071-54 290
5071-56 290
5071-58 290
5071-60 290
5071-62.....290
5071-64 290
5084-16 309
5084-18 309
5092CR 183

51 xxx

5169PR 360

54 xxx

5450-08 352
5450-10 352

55 xxx

5522MR 182

57 xxx

572210M 316
572212M 316
574208M 316
574212M 316
574213M 316
574214M 316
574217M 316
575208M 316
575210M 316
575212M 316
575213M 316
575214M 316
575217M 316
576208M 316
576210M 316
576212M 316
576213M 316
576214M 316
576217M 316
577208M 316
577210M 316
577212M 316
577213M 316
577214M 316
577217M 316
577406M 316
577407M 316
577408M 316
577409M 316
577410M 316
577411M 316
577412M 316
577413M 316
577414M 316
577415M 316
577416M 316
577417M 316
577418M 316
577419M 316

59 xxx

59000810 294
59001012 294
59001214 294
59001416 294
59001618 294
59001820 294
59002022 294
59002224 294
59002628 294
59003032 294
59003034 294
59003236 294
59003640 294
59301012 300
59301214 300
59301618 300
59301820 300
59302224 300
59302428 300
59601214 295
59601618 295
59602022 295
59602428 295
59603032 295
59700810 296
59701012 296
59701214 296
59701416 296
59701618 296
59701820 296
59702022 296
59702224 296
59702428 296
59702628 296
59703032 296
59703436 296
59703640 296
59703842 296

60 xxx

6011-05R 328
6011-07N 328
6011-07R 328
6011-10N 328
6011-10R 328
6012-07N 328
6012-10N 328
6014MR 179
6014MR12 180
601514M 221
601517M 221
601519M 221
601521M 221
601522M 221
601524M 221
601527M 221
6016MR 179
6016SR 179
602360 177
602370 177
602380 177
602390 177
6023A0 177
602514 178
602517 178
602519 178
602522 178
6023MR 179
6023SR 179
6031-07N 328
6031-07R 328
6031-10N 328
6031-10R 328
609616M 222
609616M10H 222
609616M12H 222
609616M14H 222
609616M17H 222
609616M19H 222
609616M22H 222
609622M 222
609622M19H 222
609622M22H 222
609622M24H 222
609622M27H 222
609622M30H 222
609622M32H....222

61 xxx

6111-06 321
6111-07 321
6111-07C 321
6111-08 321
6111-08C 321
6112-09 321
6112-09C 321
6114-05 321
6116-07A 327
6116-08A 327
6121-06X 329
6121-09X 329
6122-06X 329
6122-09X 329
6131-12 324
6131-12P01 324
6131-14 324
6131-14P01 324

Index .....

6131-18 324
6131-18P01 324
6131-24 324
6131-24P01 324
6131-30 324
6131-30P01 324
6131-36 324
6131-36P01 324
6131-42 324
6131-42P01 324
6133-08 324
6141-06C 399
6141-08C 399
6146-08A 327

62 xxx

6207-05 384
6211-06 321
6213-06 321
6214-05 321
6214-45 321
6216-06A 327
6217-05 384
6224CR 179
6226CR 180
623017M 177
623018M 177
623019M 177
623020M 177
623021M 177
623022M 177
623023M 177
623024M 177
623025M 177
623026M 177
623027M 177
623028M 177
623029M 177
623030M 177
623031M 177
623032M 177
623033M 177
623036M 177
623039M 177
623041M 177
623046M 177
623050M 177
6231-07 321
6231-08 321
6232-08 321
623517M 177
623518M 177
623519M 177
623520M 177
623521M 177
623522M 177
623523M 177
623524M 177
623525M 177
623526M 177
623527M 177
623528M 177
623529M 177
623530M 177
623531M 177
623532M 177
623533M 177
623534M 177
623535M 177
623536M 177
623537M 177
623538M 177
623539M 177
623540M 177
623541M 177
623542M 177
623543M 177
623544M 177
623545M 177
623546M 177
623547M 177
623548M 177
623549M 177
623550M 177
623551M 177
623552M 177
623553M 177
623554M 177
623555M 177
623556M 177
623557M 177
623558M 177
623559M 177
623560M 177
623563M 177
623565M 177
623570M 177
6236-07A 327
6247-05 384
6251-04 178
6251-08 178
6251-16 178
6260-04 223
6260-04P 223
6260-07 223
6260-07P 223
6260-10 223
6260-10P 223
6260-13 223
6260-13P 223
6271-05C 385
6271-65C 385

63 xxx

6311-06 322
6311-08 322
6313-06 322
6314-05 322
6314MR 179
6314MR12 180
6315-06 328
6315-09 328
6316MR 179
6317-06 385
6318-08A 327
6319-11C 322
6323MR 179
6329-13C 322
633017M 176
633019M 176
633021M 176
633022M 176
633022S 176
633023M 176
633024M 176
633024S 176
633026M 176
633026S 176
633027M 176
633028M 176
633028S 176
633029M 176
633030M 176
633030S 176
633032M 176
633032S 176
633033M 176
633034M 176
633034S 176
633035M 176
633036M 176
633036S 176
633038M 176
633038S 176
633040S 176
633041M 176
633042M 176
633042S 176
633044S 176
633046M 176
633046S 176
633048M 176
633048S 176
633050M 176
633054M 176
633055M 176
633050S 176
633052S 176
633054S 176
633056S 176
633058M 176
633058S 176
633060M 176
633060S 176
633062S 176
633063M 176
633064S 176
633065M 176
633066S 176
633068S 176
633070M 176
633070S 176
633072S 176
633074S 176
633076S 176
633078S 176
633080S 176
633082S 176
633084S 176
633086S 176
633088S 176
6331-06 323
6331-08 323
6334-05 322
633517M 176
633518M 176
633519M 176
633520M 176
633521M 176
633522M 176
633523M 176
633524M 176
633525M 176
633526M 176
633527M 176
633528M 176
633529M 176
633530M 176
633531M 176
633532M 176
633533M 176
633534M 176
633535M 176
633536M 176
633537M 176
633538M 176
633539M 176
633540M 176
633541M 176
633542M 176
633543M 176
633544M 176
633545M 176
633546M 176
633547M 176
633548M 176
633549M 176
633550M 176
633551M 176
633552M 177
633553M 177
633554M 177
633555M 177
633556M 177
633557M 177
633558M 177
633559M 177
633560M 177
633562M 177
633563M 177
633564M 177
633565M 177
633570M 177
6336-08A 327
6337-06 386
6339-13C 322
6347-05 386
6367-06 385
6377-55 385
63A7-05 386
63B7-05 386

64 xxx

6408MP 224
6408MP10 224
6408SP10 224
6409MP 224
6409MP03 224
6409SP10 224
6410MP 224
6410SP 224
6411-06 323
64111MP 250
64111MP01 250
64111MP12 250
64115MP 251
64115MP01 251
64115MP12 251
6411MP 223
6431-10C 323
6431-11C 323
643519M 220
643521M 220
643522M 220
643523M 220
643524M 220
643524S 220
643525M 220
643526M 220
643526S 220
643527M 220
643528M 220
643528S 220
643529M 220
643530M 220
643530S 220
643532M 220
643532S 220
643533M 220
643534M 220
643534S 220
643535M 220
643536M 220
643536S 220
643538M 220
643538S 220
643540M 220
643540S 220
643541M 220
643542M 220
643542S 220
643543M 220
643544M 220
643544S 220
643546M 220
643546S 220
643548M 220
643548S 220
643550M 220
643550S 220
643552S 220
643554S 220
643555M 220
643556S 220
643558S 220
643560M 220
643560S 220
643562S 220
643564S 220
643565M 220
6452-18F 178
6452-30F 178
6452DK 178
6463-08C 323
647518M 221
647520M 221
647522M 221
647524M 221
64801AMP 250
64801BMP 250
64801FMP 250
64K975M 178

65 xxx

651017M 218
651018M 218
651019M 218
651021M 218
651022M 218
651023M 218
651024M 218
651026M 218
651027M 218
651028M 218
651029M 218
651030M 218
6511-10 324
6511-10C 324
6511-13C 324
6511-17C 324
651417M 221
651419M 221
651420M 221
651421M 221
651514M 219
651515M 219
651516M 219
651517M 219
651518M 219
651519M 219
651521M 219
651522M 219
651523M 219
651524M 219
651525M 219
651526M 219
651527M 219
651528M 219
651529M 219
651530M 219
6516-10 323
6516-10C 323
6516-10A 327
6517-08C 323
6517-10C 323
6517-12C 323
6521-09 335
6521-13 335
6521-16 335
6521-21 335
6521-26 335
653017M 219
653019M 219
653021M 219
653022M 219
653023M 219
653024M 219
653026M 219
653027M 219
653028M 219
653029M 219
653030M 219
653032M 219
653033M 219
653034M 219
653035M 219
653036M 219
653038M 219
653040M 219
653041M 219
653042M 219
653046M 219
653063M 219
653065M 219
653070M 219
6531-10 335
6531-12 335
6531-14 335
6531-18 335
6531-24 335
6531-36 335
6531-48 335
6532-08 336
6532-10 336
6532-12 336
6532-14 336
6532-18 336
6532-24 336
6532-36 336
6532-48 336
653513M 219
653517M 219
653518M 219
653519M 219
653521M 219
653522M 219
653522S 220
653523M 219
653524M 219
653524S 220
653526M 219
653526S 220
653527M 219
653528M 219
653528S 220
653529M 219
653530M 219
653530S 220
653531M 219
653532M 219
653532S 220
653533M 219
653534M 219
653534S 220
653535M 219
653536M 219
653536S 220
653538M 219
653538S 220
653540M 219
653540S 220
653541M 219
653542M 219
653542S 220
653543M 219
653544M 219

Index .....

653544S 220
653545M 219
653546M 219
653546S 220
653548M 219
653548S 220
653550M 219
653550S 220
653552M 219
653552S 220
653554M 219
653554S 220
653555M 219
653556S 220
653557M 219
653558M 219
653558S 220
653560M 219
653560S 220
653562S 220
653563M 219
653564S 220
653565M 219
653566S 220
653568S 220
653570M 219
653570S 220
653572S 220
653574S 220
653576S 220
6541-14L 336
6541-18L 336
6572-20 178
6572DK 178
657524M 221
657526M 221
657528M 221
657530M 221
657532M 221
6581-12 178
6581-18 178
6585-19 178

66 xxx

6605-08 328
6615-06 329
6615-11 329
6615-18 329
6625-06 329
6625-11 329
6625-18 329
6655-09 328
6665-09 328
66SB-07 325
66SS-07 325
66HB-07 325
66HS-07 325

67 xxx

6711-06 323
6716-06A 327
6721-10 406
6724-20F 178
6724DK 178
6732-09 406
6741-06 406
6751-44 401
6755-05 401
6756-05 402
6762-08 401
6779-20F 178
6779DK 178
6791 178
6797 222
6797P 222
6798 222
6798P 222
67A1-07 401
67B2-05 402
67B3-55 402
67E2-08 402
67F1-08 404
67G 405
67G0005 404
67G1-09 405
67G1P01 405
67G2-09 405
67G2P01 405
67G3-09 405
67G3P01 405
67G4-09 405
67G4P01 405
67G5-09 405
67G5P01 405
67G6-09 405
67G6P01 405
67G7-09 405
67G7P01 405
67G8-09 405
67G8P01 405
67G9-09 405
67G9P01 405
67GA-09 405
67GAP01 405
67GB-09 405
67GBP01 405
67GC-09 405
67GCP01 405
67GD-09 405
67GDP01 405
67GE-09 405
67GEP01 405
67GF-09 405
67GFP01 405
67GG-09 405
67GH-09 405
67GHP01 404
67GHP01 405
67GJ-09 405
67GJP01 404
67GJP01 405
67GK-09 405
67GKP01 404
67GKP01 405
67GL-09 405
67GLP01 404
67GLP01 405
67GN-09 404
67GN-09 405
67GNP01 404
67GNP01 405
67HB-07 325
67HS-07 325
67SB-07 325
67SS-07 325

68 xxx

6814 178
6818 178
683517M 221
683519M 221
683521M 221
683522M 221
683523M 221
683524M 221
683526M 221
683527M 221
683529M 221
683530M 221
683532M 221
6864 223
6864P 223
6868 223
6868P 223
6874 223
6874P 223
68GB-01 537
68GB-02 537
68GR-01 537
68GS-11 537
68GS-16 537
68GQ-01 537
68GQ-02 537
68GZ-01.....537
68GZ-02.....537
68HB-05 325
68HB-07 325
68HB-10 325
68HS-05 325
68HS-07 325
68HS-10 325
68RB-01 537
68RB-02 537
68RR-01 537
68RS-11 537
68RS-16 537
68RQ-01 537
68RQ-02 537
68RZ-01.....537
68RZ-02.....537
68SB-05 325
68SB-07 325
68SB-10 325
68SS-05 325
68SS-07 325
68SS-10 325
68ZZ-01 537
68ZZ-02 537

69 xxx

6921-05 321
6921-05C 321
6921-06 321
6921-06C 321
6921-07 321
6921-07C 321
6927-05 384
693519M 221
693521M 221
693522M 221
693523M 221
693524M 221
693524S 221
693526M 221
693526S 221
693527M 221
693528S 221
693529M 221
693530M 221
693530S 221
693532M 221
693532S 221
693534S 221
693536S 221
693538S 221
693540S 221

6A xxx

6AB12-55 398
6AB13-06 398
6AB21-65 398
6AB31-75 398
6AB31-85 398
6AC51-22 407
6AC51-26 407
6AC52-11 407
6AC52-12 407
6AD10-325 399
6AD10-3P01 399
6AD17-150 399
6AD23-400 399
6AF11-125 391
6AF21-165 391
6AG11-20 392
6AH01-1 392
6AH01-2 392
6AH01-3 392
6AH01-4 392
6AH11 392
6AH12 392
6AH13 392
6AH14 392

6B xxx

6BC100 391
6BC200 391
6BC210A 389
6BC210B 389
6BC210C 389
6BC210D 389
6BC210F 389
6BC23-1 389
6BC23A 389
6BC23B 389
6BC23C 389
6BC23D 389
6BC23F 389
6BC24A 389
6BC24B 389
6BC24C 389
6BC24F 389
6BC26-1 389
6BC26-3 389
6BC26A 389
6BC26B 389
6BC26C 389
6BC26F 389
6BC3007 390
6BC372 390
6BC372-1 390
6BC372-2 390
6BC372-3 390
6BC372-4 390
6BC372-5 390
6BD11 390
6BD22 390
6BE11-07 391
6BE12-07 391
6BE16-07 391
6BF11-17 390
6BF21-17 390

6C xxx

6CB02 396
6CB21 396
6CB31 395

70 xxx

7003MR 191
7010MR 192
7011MR 193
7028MR 194
7053MR01 195
7077MR 185
7081MR 186
7081MR01.....186
7082MR 187
7087MR 188
7096MR 189
7098MR 190

71 xxx

711002P 363
711002P-S1 365
711102H 363
711102H-S1 365
711103H 363
711103H-S1 365
711104H 363
711104H-S1 365
711105H 363
711105H-S1 365
711106H 363
711106H-S1 365
711107H 363
711107H-S1 365
711108H 363
711110H 363
711110T 363
711110T-S1 365
711110U 364
711110U-S1 366
711115T 363
711115T-S1 365
711115U 364
711115U-S1 366
711120T 363
711120T-S1 365
711120U 364
711120U-S1 366
711125H 363
711125H-S1 365
711125T 363
711125T-S1 365
711125U 364
711125U-S1 366
711127T 363
711127T-S1 365
711127U 364
711127U-S1 366
711130T 363
711130T-S1 365
711130U 364
711130U-S1 366
711140T 363
711140T-S1 365
711140U 364
711140U-S1 366
7112PR 182
7113PR 182
711501P 363
711501P-S1 365
711502P 363
711502P-S1 365
711503P 363
711503P-S1 365
711505H 363
711505H-S1 365
711506T 363
711506T-S1 365
711507H 363
711507H-S1 365
711507T 363
711507T-S1 365
711508T 363
711508T-S1 365
711509T 363
711509T-S1 365
711510T 363
711510T-S1 365
711512SH 363
711512SH-S1 ...365
711515T 363
711515T-S1 365
711520T 363
711520T-S1 365
711525T 363
711525T-S1 365
711527T 363
711527T-S1 365
711530T 363
711530T-S1 365
711540T 363
711540T-S1 365
7120PR 183
7120PR01 183
715000P 363
715000P-S1 365
715001P 363
715001P-S1 365
715002P 363
715002P-S1 365
715003P 363
715003P-S1 365
715004P 363
715004P-S1 365
715000R 364
715000R-S1 366
715001R 364
715001R-S1 366
715001Z 364
715001Z-S1 366
715002H 363
715002H-S1 365
715002R 364
715002R-S1 366
715002Z 364
715002Z-S1 366
715003H 363
715003H-S1 365
715003R 364
715003R-S1 366
715003S1 363
715003S1-S1 365
715003Z 364
715003Z-S1 366
715004H 363
715004H-S1 365
715004S1 363
715004S1-S1 365
715004S2 363
715004S2-S1 365
715005H 363
715005H-S1 365
715005S1 363
715005S1-S1 365
715006H 363
715006H-S1 365
715006S1 363
715006S1-S1 365
715006T 363
715006T-S1 365
715006U 364
715006U-S1 366
715007H 363
715007H-S1 365
715007T 363
715007T-S1 365
715007U 364
715007U-S1 366
715008H 363
715008H-S1 365
715008T 363
715008T-S1 365
715008U 364
715008U-S1 366
715009T 363
715009T-S1 365
715009U 364
715009U-S1 366
715010T 363
715010T-S1 365
715010U 364
715010U-S1 366
715012SH 363
715012SH-S1 ...365
715014SH 363
715014SH-S1 ...365
715015T 363
715015T-S1 365

Index

715015U 364
715015U-S1 366
715020T 363
715020T-S1 365
715020U 364
715020U-S1 366
715025H 363
715025H-S1 365
715025T 363
715025T-S1 365
715025U 364
715025U-S1 366
715027T 363
715027T-S1 365
715027U 364
715027U-S1 366
715030T 363
715030T-S1 365
715030U 364
715030U-S1 366
715035S1 363
715035S1-S1 365
715040T 363
715040T-S1 365
715040U 364
715040U-S1 366
715045S1 363
715045S1-S1 365
715050T 363
715050T-S1 365
715055S1 363
715055S1-S1 365
715055S2 363
715055S2-S1 365
715065S1 363
715065S1-S1 365
716502P 363
716502P-S1 365
717000R 364
717000R-S1 366
717001P 363
717001P-S1 365
717001R 364
717001R-S1 366
717001Z 364
717001Z-S1 366
717002P 363
717002P-S1 365
717002R 364
717002R-S1 366
717002Z 364
717002Z-S1 366
717003P 363
717003P-S1 365
717003R 364
717003R-S1 366
717003Z 364
717003Z-S1 366
717005H 363
717005H-S1 365
717006H 363
717006H-S1 365
717006T 363
717006T-S1 365
717007H 363
717007H-S1 365
717007T 363
717007T-S1 365
717008H 363
717008T 363
717008T-S1 365
717009T 363
717009T-S1 365
717010T 363
717010T-S1 365
717010U 364
717010U-S1 366
717015T 363
717015T-S1 365
717015U 364
717015U-S1 366
717020T 363
717020T-S1 365
717020U 364
717020U-S1 366
717025T 363
717025T-S1 365
717025U 364
717025U-S1 366
717027T 363
717027T-S1 365
717027U 364
717027U-S1 366
717030T 363
717030T-S1 365
717030U 364
717030U-S1 366
717040T 363
717040T-S1 365
717040U 364
717040U-S1 366
719001P 363
719001P-S1 365
719001Z 364
719001Z-S1 366
719002P 363
719002P-S1 365
719002Z 364
719002Z-S1 366
719003P 363
719003P-S1 365
719003Z 364
719003Z-S1 366

72 xxx

721102P 364
721102P-S1 366
726502P 364
726502P-S1 366
727502P 364
727502P-S1 366

73 xxx

731101P 364
731101P-S1 366
731102P 364
731102P-S1 366
731103P 364
731103P-S1 366
731152P 367
731502P 364
731502P-S1 366
731503P 364
731503P-S1 366
731552P 367
734501P 364
734501P-S1 366
734502P 364
734502P-S1 366
734503P 364
734503P-S1 366
734551P 367
734552P 367
736501P 364
736501P-S1 366
736502P 364
736502P-S1 366
736503P 364
736503P-S1 366
736552P 367

74 xxx

74010 428
74020 428
74030 428
74040 428
74060 428
741002P 364
741002P-S1 366
7411PP 215
741502P 364
741502P-S1 366
742002P 364
74250 428
74260 428
74270 428
743002P 364
743003P.....364
74410 429
74412 429
74414 429
74416 429
745002P 364
745002P-S1 366
74512 429
74514 429
74613 429
747501P 364
747501P-S1 366
747502P 364
747502P-S1 366
747503P 364
747503P-S1 366

75 xxx

750-100 367
750-150 367
750-50A 367
750-60 367
750-75 367
75035-06.....431
7503MR 191
751-60 367
751-75 367
75101-08G 430
75101-10G 430
75102-08G 430
75102-10G 430
7510MR 192
7511MR 193
75135-06.....431
752-100 368
752-150 368
752-300 368
752-60 368
752-75 368
75201-08G 430
75201-10G 430
75202-08G 430
75202-10G 430
75235-06.....431
7528MR 194
7528MR01 194
753-63 368
75302-08G 430
75302-10G 430
753-370 368
75335-06.....431
754-90 368
75402-08G 430
75402-10G 430
75435-06.....431
755-300 368
755-400 368
75501-08G 430
75501-10G 430
75502-08G 430
75502-10G 430
75535-06.....431
7553MR01 195
7558MR 183
7582MR 187
7577MR 185
7581MR 186
7581MR01 186
7582MR 187
7587MR 188
7587MR01 188
7587SR 188
7596MR 189
7598MR 190
759-140 368
75A105M 369
75A106M 369
75A108M 369
75A110M 369
75A112M 369
75A114M 369
75A116M 369

76 xxx

7601012M 369
7601013M 369
7605512M 369
7606508S 369
7606510S 369
7606512M 369
7606512S 369
7607510M 369
76103-04 411
76104-05 411
76104-74G 413
76105-06 411
76106-74G 413
76108-74G 413
7611006M 369
7611008M 369
76110-74G 413
7611010M 369
7611012M 369
7611013M 369
7611014M 369
7611506M 369
7611507M 369
7611508M 369
7611510M 369
7611512M 369
7611513M 369
7611514M 369
7612006M 369
7612008M 369
7612010M.....369
7612012M 369
7612014M 369
76125-74G 413
7614208S 369
7614210S 369
7614512S 369
7616505M 369
7616506M 369
7616507M 369
7616508M 369
7616508S 369
7616510M 369
7616510S 369
7616512M 369
7616513M 369
7616512S 369
7616514M 369
7616514S 369
76213-04 412
76215-05 412
76217-06 412
76218-75G 413
76219-75G 413
76220-84G 413
76222-84G 413
76220-07 412
76223-08 412
76224-10 412
76226-12 412
76301-05 411
76302-05 411
76302-74G 413
76303-05 411
76303-74G 413
76304-05 411
76304-74G 413
76305-05 411
76305-74G 413
76306-05 411
76306-74G 413
76307-05 411
76308-05 411
76308-74G 413
76309-06 411
76310-06 411
76402-45 412
76402-55G 413
76403-05 412
76403-06 412
76403-06G 413
76404-06 412
76404-07G 413
76405-65 412
76405-08G 413
76406-07 412
76406-84G 413
76407-84G 413
76408-08 412
76408-88G 413
76409-88G 413
76410-85 412
76410-09G 413
76410-14G 413
76412-09 412
76412-10G 413
76412-14G 413
76414-10 412
76414-11G 413
76414-14G 413
76416-12G 413
76416-14G 413
76505-05.....412
76717-05 414
76721-06 414
76724-08 414
76729-10 414
76804-05 414
76807-06 414
76B808M 370
76B809M 370
76B810M 370
76B811M 370
76B812M 370
76B813M 370
76B814M 370
76B815M 370
76B816M 370
76B817M 370
76B819M 370
76B821M 370
76B822M 370
76B824M 370
76C1108M 370
76C1109M 370
76C1110M 370
76C1111M 370
76C1112M 370
76C1113M 370
76C1114M 370
76C1117M 370
76C1119M 370
76C1121M 370
76C1124M 370

77 xxx

7702-25 370
7702-50 370
7702-75 370
7703-50 370
7704-50 370
7712-02 370
7712-03 370
77121-08 423
7713-02 370
77131-06 423
77131-08 423
77141-06 423
77141-08 423
77328-26 424
77335-25 423
77340-20 423
7743-56 370
7744-60 370
7753-78 370
7754-85 370

78 xxx

7811-08 410
7811-12 410
7811-16 410
7811-24 410
7811-32 410
7811-40 410
7821-30 410
7821-50 410
7821-80 410
7822-25 410
7822-30 410
7822-35 410
7822-40 410
7822-45 410
7822-50 410
7823-10 410
7823-15 410
7823-20 410
7833-10 410
7833-12 410
7833-15 410
7833-20 410
7834-50 410
7842-22 411
7842-28 411
7842-35 411
7842-45 411
7842-60 411
7848-60 411
7848-80 411
7851-08 411
7851-16 411
7851-24 411
7851-32 411
7851-40 411
7851-48 411
7851-64 411
7852-23 410
7852-55 410
7861-16 410
7861-20 410
7861-24 410

79 xxx

79062-12 422
79063-06 423
79063-12 423
79063-20 423
79063-40 423

Index

79093-02M 422
79093-03C 422
79093-03M 422
79093-05C 422
79093-05M 422
79093-05M1 422
79093-08M.....422
79093-08C.....422
79094-02M 422
79094-03C 422
79094-03M 422
79094-05C 422
79094-05C1 422
79094-05M 422
79094-08M 422
79094-08C 422
7911-12 429
7912-0111 332
7912-21 332
7912-22 332
7912-23 332
7912-2311 332
7913-42 335
7913-4211 335
7913A-63 335
7913A-6311.....335
7913B-35 334
7913B-3511.....334
7914A-35 333
7914A-0111.....332
7914A-0111.....333
7914B-45 333
7914B-4521.....333
7914C-70 333
7914C-7021 333
7915-30 334
7915-3011.....334
7915A-19 332
7915A-28 332
7916-0111.....334
7916-12M 334
7916-15M 334
7916-21M 334
7916-22M 334
7918-50 334
7918-5011.....334
7918-A0 334
7918-A011.....334
7921-12 430
7932-04 400
7933-45 400
7934-45 400
7962-03 418
7962-04 418
7962-06 418
7962-08 418
7962-12 418
7962B-05 418
7962B-06 418
7962B-08 418
7962B-10 418
7962B-35 418
7963-03 418
7963-04 418
7963-06 418
7963-08 418
7963-12 418
796401MR 420
79711 421
7971-07 400
79721 421
79731 421
7976-65 400
79814 441
79815 411
79830DQ 442
79831 442
79831-S 442
79832 442
79832-S 442
79900-04 254
79900-10 254
79900-13 254
79900-20 254
79901-04 254
79901-10 254
79901-13 254
79901-20 254
79910-10 256
79910-15 256
79911-10 256
79911-15 256
79912-10 256
79912-15 256
79953-10 256
79953-15 256
79960-10 256
79960-15 256
79960-20 256
79962-10 256
79962-15 256
79962-20 256
799A0-23C 257
799A0-33C 257
799A0-43C 257
799A1-23C 257
799A1-33C 257
799A1-43C 257
79A21-30 424
79A22-30 424

7C xxx

7CA0107M 336
7CA0110S 336
7CA0309S 337
7CA0606S 338
7CA0606S1 338
7CA11-08 338
7CA11-10M 338
7CA11-12M 338
7CA11-12S 338
7CA11-15M 338
7CA11-16M 338
7CA11-16S 338
7CA11-20S 338
7CA11-24S 338
7CA21-24S 337
7CA22BP01 336
7CA22BP10M ..336
7CA22P01 336
7CA22P20S 336
7CA23-14 337
7CA23-A08S 337
7CA23-A12S 337
7CA23-A16S 337
7CA23-A20S 337
7CA23-A24S 337
7CA23-A28S 337
7CA23-A32S 337
7CA23-A36S 337
7CA61-A01 338
7CA61-A011 338
7CA61-A02 338
7CA61-A021 338
7CA61-A03 338
7CA61-A031 338
7CA61-A04 338
7CA61-A041 338
7CA61-B01 338
7CA61-B011 338
7CA61-B02 338
7CA61-B021 338
7CA61-B03 338
7CA61-B031 338
7CA61-B04 338
7CA61-B041 338
7CA61P01 338
7CA61P02 338
7CA61P03 338

7E xxx

7E61001 431
7E111 371

7H xxx

7HA03 339
7HA11 339

80 xxx

8015MR 181
801519M 227
8015SR 181
809622M 227
809622M19H 227
809622M22H 227
809622M24H 227
809622M27H 227
809622M30H 227
809622M32H 227

82 xxx

820001 55
820002 55
820003 55
820005 55
820011 55
8251-08 181
8251-16 181
8260-07 228
8260-07P 228
8260-10 228
8260-10P 228
8260-13 228
8260-13P 228
827011 55

83 xxx

833036M 180
833038M 180
833041M 180
833046M 180
833046S 180
833048S 180
833050M 180
833054M 180
833054S 180
833055M 180
833058M 180
833060M 180
833060S 180
833063M 180
833064S 180
833065M 180
833067M 180
833070M 180
833071M 180
833072S 180
833075M 180
833076S 180
833077M 180
833080M 180
833084S 180
833094S 180
8330A0S 180

84 xxx

84087637BKT 35
8408MP 228
8408MP02 229
8409MP 229
8410MP 229
8410SP 229
843524M 226
843527M 226
843528M 226
843530M 226
843530S 226
843532M 226
843532S 226
843533M 226
843534M 226
843534S 226
843535M 226
843536M 226
843536S 226
843538M 226
843538S 226
843540M 226
843540S 226
843541M 226
843542M 226
843542S 226
843544S 226
843546M 226
843546S 226
843548M 226
843548S 226
843550M 226
843550S 226
843552M 226
843552S 226
843554M 226
843554S 226
843555M 226
843556S 226
843558M 226
843558S 226
843560M 226
843560S 226
843562S 226
843564S 226
843565M 226
843566S 226
843568S 226
843570S 226
843570M 226
843572S 226
84700002B 55
84700003B 55
84700011B 55

85 xxx

851417M 226
851419M 226
851420M 226
851421M 226
851422M 226
851426S 226
852421M 226
853417M 227
853419M 227
853421M 227
853519M 225
853521M 225
853522M 225
853523M 225
853524M 225
853524S 225
853525M 225
853526M 225
853526S 225
853527M 225
853528M 225
853528S 225
853529M 225
853530M 225
853530S 225
853532M 225
853532S 225
853533M 225
853534M 225
853534S 225
853535M 225
853536M 225
853536S 225
853537M 225
853538M 225
853538S 225
853540M 225
853540S 225
853541M 225
853542M 225
853542S 225
853544M 225
853544S 225
853545M 225
853546M 225
853546S 225
853548M 225
853548S 225
853550M 225
853550S 225
853552M 225
853552S 225
853553M 225
853554M 225
853554S 225
853555M 225
853556S 225
853558M 225
853558S 225
853560M 225
853560S 225
853562S 225
853563M 225
853564S 225
853565M 225
853566M 225
853566S 225
853568M 225
853568S 225
853570M 225
853570S 225
853571M 225
853572S 225
853574S 225
853575M 225
853576S 225
853578S 225
853580M 225
853580S 225
853582S 225
853584S 225
853585M 225
853586S 225
853588S 225
853590M 225
853590S 225
853595M 225
853592S 225
853594S 225
853596S 225
8535A0S 225
8535A0M 225
8535A4S 225
8535A8S 225
8535B2S 225
85451735M 227
85451941M 227
85452038M 227
85452041M 227
85452141M 227
8572-25 181
8572DK 181
8581-26 181

87 xxx

870208 132
870311 150
870406 132
870406 150
870406 167
870410 167
870422 132
870422 150
870422 167
87102 19
87103 19
87104 18
87104 351
87105 18
87106 19
87106 259
87107.....18
87108 19
87108 414
87110 18
87111 18
87116 19
87116 326
87118 19
87118 422
87119 19
87119 375
8711B 19
8711B 412
8711B-1 412
87137 52
87140 19
87152 18
87153 18
87160 18
87160 425
87162 439
8720 132
87201 49
87203.....18
8730 150
87301 18
87301-494A 18
87301-496A 18
87301-498A 18
87301-499A 18
87352 19
87352 358
8740 167
87401-2 51
87401-3 51
87401-3H 51
87402 52
87404 52
87407 52
87408 52
87411-6B 50
87411-9B 50
87412-4B 50
87412-6B 50
87417-10B 50
87419-5B 50
87421-3B 51
87430A 46
87430A-K 46
87430A1 46
87430A1-K 46
87430A2 46
87430A2-K 46
87430A4 46
87430A4-K 46
87431-5BE 38

Index

87432-15 35
87432-17 35
87432-23 35
87432-24 35
87432-31 35
87432-32 35
87432-33 35
87432-34 35
87432-41 35
87432-52 35
87432-5B 37
87432-5G 39
87434-7B 37
87434-7G 39
87435-13B 38
87437-8B 37
87437-10B.....37
87438-3B 37
87439-7B 38
87441-1B 44
87441-3B 44
87442-16-K 45
87442-36 45
87442-3B 45
87452A-B.....56
87452A1-B.....56
87452B-B.....56
87452C-B.....56
87502 48
87502-01 47
87502-02 47
87502-05 47
87502-06 47
87502-050 46
87502-050 47
87502-051 46
87502-051 47
87502-054 47
87502-058 47
87502-061 46
87502-061 47
87502-064 47
87502-068 47
87502-11 47
87502-12 47
87502P01 48
87502P02 47
87502P03 47
87502P011 48
87502P012 48
87502P90 48
87502P91 48
87512 49
87512P01 49
87512P02 49
87512P03 49
87632-5B 41
87634-7B 41
87711C 53
87721B 53
87722B 53
8779-32F 181
8779DK 181
87934-31 43
87934-32 43
87934-7BF 43
87934-7BF-B 43
87934-7BF-G 43
8797 228
8797P 228
87A05 52
87A05-KB 52
87C23-B 538
87C24-B 539
87C25-B 539
87D11-01A-KB ...29
87D11-01A-KG ...29
87D11-02A-KB ...28
87D11-02A-KG ...28
87D11-03A-KB ...30
87D11-03A-KG ...30
87D11-04A-KB ...30
87D11-04A-KG ...30
87D11-05A-KB ...30
87D11-05A-KG ...30
87D11-06A-B 31
87D11-06A-G 31
87D11-07A-B 32
87D11-07A-G 32
87D11-071A-B ...32
87D11-071A-G ...32
87D11-08A 31
87D11-08SA 31
87D11-09A 31
87D11-09SA 31
87D11-11A-KB ...31
87D11-11A-KG ...31
87D11-12A-KB ...31
87D11-12A-KG ...31
87D11-13A-KB ..33
87D11-13A-KG ...33
87D11-14A 33
87D11-14SA 33
87D11-15A-KB ...33
87D11-15A-KG ...33
87D11-16A-B 33
87D11-16A-G 33
87D11-17A-KB ...29
87D11-17A-KG ...29
87D11-18A-KB ...29
87D11-18A-KG ...29
87D11A-KB 27
87D11A-KG 27
87D11X01SA-KB...23
87D11X01SA-KG...23
87D11X02SA-KB...24
87D11X02SA-KG...24
87D11X03A-KB ..25
87D11X03A-KG ..25
87D11X04A-KB ..26
87D11X04A-KG ..26
87D11X05A-KB ..26
87D11X05A-KG ..26
87D11X06A-KB.....33
87D11X06A-KG.....33
87D11X06SA-KB...33
87D11X06SA-KG...33

88 xxx

8816 181
883524M 226
883527M 226
883529M 226
883530M 226
883532M 226
883533M 226
883534M 226
883535M 226
883536M 226
883538M 226
883541M 226
8866 228
8866P 228
8869 228
8869P 228

9- xxx

9-1011GP 114
9-10112MR 110
9-10112MRV 71
9-10115MR 105
9-10212MR 110
9-10215MR 105
9-1044CQV 78
9-1112MRV 74
9-1205MR 102
9-12110MR 113
9-12120MR 105
9-1215MR03 119
9-1216MR 102
9-1216MR01 102
9-1216MR03 102
9-1217MR 118
9-1218MR 102
9-1219MR01 102
9-1220MRV 74
9-1272MR 103
9-1282MR 103
9-12A1MR 115
9-12A1MRV 74
9-12C7MR 113
9-1303MR 109
9-1606MR 117
9-1606MR01 117
9-1608MR 103
9-1609MR 103
9-1709MR 103
9-1711MR 104
9-1716MR 118
9-1812MR 104
9-1838MR 104
9-1905MR 104
9-1905MR 298
9-1912MR 104
9-1C08MR 105
9-20110MR 110
9-2044SRV 76
9-2048MRV 76
9-21-20-07MRV ..79
9-22108MR 107
9-22108MRV 75
9-22124MRV50 ...69
9-22308PR 107
9-2516MRV03 79
9-2524MRV 79
9-2526MR 109
9-2528MRV 79
9-2534MRV 71
9-2544SRV 76
9-2548CR 97
9-2548CR01 97
9-2548CRV 66
9-2548MRV 76
9-2550MRV 72
9-2553MRV 77
9-2553MRV01 77
9-2565MRV 71
9-30106MR 118
9-30110CR 108
9-30206MR 118
9-30208MRV.....75
9-30216MRV 78
9-3023MR01.....100
9-30904AY 113
9-30904AY 535
9-31006MR 116
9-31106MR 110
9-31124MRV 70
9-31110MR 108
9-31110MRV.....76
9-31909PR 108
9-31919MR 111
9-34128FR 108
9-3523MR 100
9-3523MRV10 77
9-3544MRV 72
9-3612MR 113
9-40102GP 97
9-40102GPV 66
9-40103GP 110
9-40104GPV 78
9-40112GPV 66
9-40113GPV 78
9-40122GPV 66
9-40203GP 118
9-4026MR02 96
9-40207GP 106
9-40207GP01 ...106
9-4029CR 119
9-4057MR 112
9-40604GP 106
9-40618GP 114
9-4116FR 117
9-4116FR03 117
9-4119PR 109
9-4120PR 109
9-4128FR 110
9-4129PRV 71
9-4138PR 112
9-4143FRV 71
9-4147PRV 77
9-4156PR 119
9-42102GPV 66
9-42114GP 97
9-42114GPV 66
9-42116GPV 75
9-42144GP 106
9-4219MR 117
9-4219MR07 117
9-4219SR08 117
9-4235MR 114
9-4319MR 117
9-4319MR01 117
9-4319MR02 117
9-4319MR05 117
9-4328MR 100
9-4333MR 100
9-4333MR03 100
9-4335MR 114
9-4338MR 115
9-4338MR01 115
9-4338MR03 115
9-4401MPV 77
9-44214GPV 78
9-4427MP 112
9-4435MP 114
9-4516MR 99
9-4522MR 99
9-4526MR 96
9-4527MRV02 72
9-4537MRV 73
9-4557MR 112
9-4827MP 112
9-5575MR 101
9-6010MR 119
9-6010MR01.....119
9-6314MRV 68
9-6414MP 115
9-6414MPV 73
9-6414SP 115
9-7069CR 96
9-7069CR01 96
9-7069CRV 65
9-7078CR 96
9-7078CR01 96
9-7128PR 112
9-7537MR 101
9-7540MR 101
9-7560MRV01 ...73
9-7576MR 111
9-9003MRV01 68
9-90103PP 107
9-90103PP01 ...107
9-90103PP02 ...107
9-90103RR 107
9-90104GP 116
9-90106SR 107
9-90109MN 105
9-90111MR 119
9-90113MA 116
9-90114MR 113
9-90115MR 118
9-90118PRV 79
9-90119MRV 74
9-90120MR 118
9-90121MR 116
9-90125MR 118
9-90126MR 116
9-90128SR 97
9-90129CR 98
9-90129CRV 67
9-90131MR 102
9-90135MRV 78
9-90138CR 98
9-90145CRV 67
9-90154CR 99
9-90154CR01 99
9-90205GN 106
9-90205GN01 ...106
9-90217GRV 69
9-90220MR 98
9-90220MR01 98
9-90305TQV 79
9-90310MR 108
9-90315MR 104
9-90329CR 98
9-90408TQ 111
9-9040SRV 73
9-90413TQV 70
9-9077CRV 65
9-91016MR 114
9-91026PR 109
9-91120MR 105
9-91122MRV 69
9-91124MRV 70
9-91126SRV 67
9-91131MRV 67
9-91190CRV 75
9-91217MRV 70
9-93523MR 101
9-94435MP 111
9-94437MRV 69
9-99430MFV 68

90 xxx

901-068MR 87
901-069MR 87
901-073MR 87
902-062MR 90
902-062MRD 90
902-065MR 91
902-065MRD 91
902-068MR 91
902-068MRD 91
902-084MR01 92
902-084MR01D ..92
902-084SR 92
902-084SRD 92
902-089MR01 93
902-089MR01D ..93
902-103MR 93
902-103MRD 93
902-109MR 94
902-109MRD 94
902-132CR 94
902-132CRD 94
902-164MR 90
902-164MRD 90
90217PQ 392
90217PQ01 392
90217PQ02 392
90217PQ03 392
9033CR 184
90401 214
90402 214
90403 223
9043MR 196
90404 223
90405 223
90405 228
90406 228
90408 204
90409 204
90601 214
90602 214
90603 223
90604 223
90605 228
90606 228
90607 223
90608 204
90609 204
9063MR 184
9063MR01 184
908-077CR 95

91 xxx

91038MY01 393
911-000CR 88
911-000CR02 88
911-000CRV 63
911-002CR 88
911-003CR 89
911-003CR01 89
911-004CRV 63
91230 388
91232 351
91333MQ 393
91431 18
91431 411
91432 18
91451-01A 19
91451-01A 259
91451-01B 19
91451-01B 259
91451-01F 259
91522H 411
91528H 411
91535H 411
91545H 411
91560H 411
91522S 411
91528S 411
91535S 411
91545S 411
91560S 411
919-001CRV 64

92 xxx

92543MR 198
92543MR01 198
9260-13 299
9260-13P 299

93 xxx

932-000MR 84
932-000MRD 84
932-000MR-B 84
932-000MR-G 84
932-008MR 85
932-008MRD 85
932-008MR-B 85
932-008MR-G 85
932-009MR 81
932-009MRD 81
932-009MR-B 81
932-009MR-G 81
932-010MR 82

Index

932-010MRD 82
932-010MR-B 82
932-010MR-G 82
934-001MR 86
934-001MRD 86
934-001MR-B 86
934-001MR-G 86
934-010MRV 59
934-010MRV 446
934-010MRVD.....59
934-010MRVD.....446
934-010MRV-B.....59
934-010MRV-B.....446
934-010MRV-G 59
934-010MRV-G.....446
934-011MRV.....60
934-011MRVD.....60
934-011MRV-B.....60
934-011MRV-G.....60
934-019MRV 61
934-019MRVD 61
934-019MRV-B ...61
934-019MRV-G ...61
934-235MRV.....58
934-235MRVD.....58
934-235MRV-B.....58
934-235MRV-G.....58
935-525CRV 62
935-525CRVD 62

94 xxx

941-101MRD 83
941-101MR 83
9415GR 161

95 xxx

9519MR50 197
953532M 230
953533M 230
953534M 230
953536M 230
953538M 230
953541M 230
953542M 230
953546M 230
953550M 230
953555M 230
953560M 230
953564S 230
953565M 230
953566S 230
953568S 230
953570M 230
953570S 230
953572S 230
953574S 230
953575M 230
953576S 230
953578S 230
953580M 230
953580S 230
953582S 230
953584S 230
953585M 230
953586S 230
953588S 230
953590M 230
953590S 230
953592S 230
953594S 230
953595M 230
953596S 230
953598S 230
9535A0M 230
9535A0S 230
9535A2S 230
9535A4S 230
9535A5M 230
9535A6S 230
9535A8S 230
9535B0M 230
9535B0S 230
9535B2S 230
9535B4S 230
9535B5M 230
9535B6S 230
9535B8S 230
9535C0M 230
9535C0S 230
9535C2S 230
9535C4S 230
9535C5M 230
9535C6S 230
9535C8S 230
9535D0M 230
9535D0S 230
9535D2S 230
9535D4S 230
9535D5M 230
9535D6S 230
9535D8S 230
9535E0M 230
9535E0S 230
9535E2S 230
9535E4S 230
9535E8S 230
9535F0M 230
9535F2S 230
9535F6S 230
9535G0S 230
9535G4S 230
9535G8S 230
9535J2S 230
9543MR 196
9563MR 184
9563MR01 184

96 xxx

9632-000MR 84
9632-000MR-B ...84
9632-000MR-G ...84
9632-008MR 85
9632-008MR-B ...85
9632-008MR-G ...85
9632-009MR 81
9632-009MR-B ...81
9632-009MR-G ...81
9632-010MR 82
9632-010MR-B ...82
9632-010MR-G ...82
9634-000MR 84
9634-000MR-B ...84
9634-000MR-G ...84
9634-001MR 86
9634-001MR-B ...86
9634-001MR-G ...86
9634-008MR 85
9634-008MR-B ...85
9634-008MR-G ...85
9634-009MR 81
9634-009MR-B ...81
9634-009MR-G ...81
9634-010MR 82
9634-010MR-B ...82
9634-010MR-G ...82
9634-010MRV ...59
9634-010MRV ...446
9634-010MRV-B 59
9634-010MRV-B ..446
9634-010MRV-G ...59
9634-010MRV-G .446
9634-011MRV-...60
9634-011MRV-B..60
9634-011MRV-G..60
9634-019MRV 61
9634-019MRV-B .61
9634-019MRV-G .61
9634-235MRV 58
9634-235MRV-B..58
9634-235MRV-G.58
9641-101MR 83
9644-101MR 83

98 xxx

9868 229
9868P 229

99 xxx

9934F-019MRV ..61
9934F-019MRV-B 61
9934F-019MRV-G 61
9934F-000MR 84
9934F-000MR-B 84
9934F-000MR-G 84
9934F-001MR 86
9934F-001MR-B 86
9934F-001MR-G 86
9934F-008MR 85
9934F-008MR-B 85
9934F-008MR-G 85
9934F-009MR 81
9934F-009MR-B 81
9934F-009MR-G 81
9934F-010MR 82
9934F-010MR-B 82
9934F-010MR-G 82
9934F-010MRV 59
9934F-010MRV 446
9934F-010MRV-B...59
9934F-010MRV-B.446
9934F-010MRV-G...59
9934F-010MRV-G.446
9934F-011MRV 60
9934F-011MRV-B ...60
9934F-011MRV-G ..60
9934F-235MRV 58
9934F-235MRV-B ...58
9934F-235MRV-G ..58

9A xxx

9A05-062MR 90
9A05-062MR-KB ...90
9A05-065MR 91
9A05-065MR-KB ...91
9A05-068MR 91
9A05-068MR-KB ...91
9A05-084MR01 ..92
9A05-084MR01-KB....92
9A05-084SR 92
9A05-084SR-KB ...92
9A05-089MR01 ..93
9A05-089MR01-KB....93
9A05-103MR 93
9A05-103MR-KB....93
9A05-109MR 94
9A05-109MR-KB....94
9A05-132CR 94
9A05-132CR-KB....94
9A05-164MR 90
9A05-164MR-KB ...90
9AA01 485
9AA11 483
9AA13 483
9AA15 484
9AA16 483
9AA17 484
9AA21 483
9AA25 484
9AA31 484
9AA32 484
9AB11 485
9AB12 485
9AC125-32 486
9AC125-40 486
9AC175-32 486
9AC175-40 486
9AC175-66 486
9AD11 486
9AE1-6414 489
9AE2002 489
9AE2004 490
9AE2016 491
9AE2-10615 491
9AE2-10815 491
9AE2-10818 491
9AE2-6514 489
9AE2-6567 489
9AE2-6606 490
9AE2-6606 491
9AE2-7476 491
9AE2-7608 490
9AE2-7608 491
9AE2-7612 491
9AE2-7614 490
9AE2-7614 491
9AE2-8616 491
9AE2-8618 491
9AE2-9210 491
9AE2-9315 490
9AE2-9315 491
9AE2-9345 491
9AE2-9618 491
9AE221 491
9AE221 492
9AE221 494
9AE31-73 486
9AE31-85 486
9AE31-95 486
9AE31-111 486
9AE31-121 486
9AE31-134 486
9AE32-110 487
9AE32-155 487
9AE33-110 487
9AE33-110-S 487
9AE33-155 487
9AE33-155-S 487
9AE42 494
9AE423 491
9AE423 494
9AE43 494
9AE433 492
9AE433 494
9AE52 494
9AE53-115 494
9AE53-80 494
9AE6002 490
9AE6030 492
9AE6-6514 490
9AE6-6514 492
9AE6-6514A 489
9AE6-6567 489
9AE6-6567 490
9AE6-6606 492
9AE6-6814 492
9AE6-7314 492
9AE6-7414 489
9AE6-7415 492
9AE6-7476 492
9AE6-7577 492
9AE6-7608 492
9AE6-7612 492
9AE6-7614 492
9AE6-7630 492
9AE6-7815 492
9AE6-8015 492
9AE6-8082 492
9AE6-8414 489
9AE6-8616 492
9AE6-8618 492
9AE6-9015 492
9AE6-9210 492
9AE6-9315 492
9AE6-9336 492
9AE6-9345 492
9AE6-9515 492
9AE6-9618 492
9AE6-10015 492
9AE6-10615 492
9AE6-10815 492
9AE6-10818 492
9AE71-90 495
9AE71-115 495
9AE71-140 495
9AE72 495
9AE8006 493
9AE8-24 493
9AE8-27 493
9AE8-30 493
9AE8-32 493
9AE8-36 493
9AE8-38 493
9AF11-15 495
9AF11-30 495
9AF11-60 495
9AF113 495
9AF204 496
9AG11 496
9AG12 496
9AG13 496
9AH12 497
9AH025 497
9AH0311 497
9AH0321 498
9AH31 497
9AJ017 498
9AJ3122 498
9AJ3122A 498
9AJ3127 498
9AJ3222 498
9AJ3322 498
9AJ4122 498
9AJ4227 498
9AJ4229 498
9AJ4322 498
9AK11 489
9AK21 499
9AL11 499
9AL12 499
9AM010 499
9AM011 499
9AM012 499
9AN021 497
9AP100 500
9AP120 500
9AP160 500
9AR11 500
9AR21 500
9AR29-S 500
9AS11 500
9AT1002E 460
9AT1002E 476
9AT1003E 447
9AT1004E 469
9AT1004E 476
9AT1005E 463
9AT1005E 466
9AT1005E 480
9AT1008E 448
9AT1009E 449
9AT1010E 453
9AT1010E 458
9AT1012E 471
9AT1016E 457
9AT1018E 448
9AT1021E 458
9AT1102E 450
9AT1103E 470
9AT1104E 470
9AT1105E 462
9AT1106E 450
9AT1108E 454
9AT1112E 451
9AT1202 456
9AT1202 477
9AT1206E 452
9AT1303E 451
9AT1306E 472
9AT1406E 461
9AT1506E 472
9AT1606E 457
9AT1706E 454
9AT1-A01 474
9AT1-A02 456
9AT1-A03 467
9AT1-A04 474
9AT1-E01 461
9AT1-E01 465
9AT2004E 469
9AT2004E 477
9AT2005E 469
9AT2005E 478
9AT2006E 447
9AT2006E 460
9AT2006E 464
9AT2007E 452
9AT2007E 465
9AT2007E 468
9AT2007E 478
9AT2008E 466
9AT2008E 468
9AT2008E 479
9AT2011E 462
9AT2012E 473
9AT2026E 459
9AT2106E 465
9AT2106E 453
9AT2106E 479
9AT2107E 455
9AT2-A01 459
9AT2-A01 461
9AT2-A01 464
9AT2-A01 467
9AT2-A01 479
9AT2-C01 462
9AT2-C01 475
9AT2-D01 456
9AT2-D01 466
9AT2-D01 480
9AT2-E01 480
9AT3-A01 480
9AT3-A02 481
9AT3-A03 467
9AT3-A04 481
9AT3-B01 481
9AT3-F01 481
9AT3-F02 481
9AT3-E01 464
9AT3-E02 459
9AT3-E02 461
9AT3-E02 468
9AW4901 502
9AW4911 502

9B xxx

9BA01 419
9BA02 419
9BA03 419

Index

9BA11 502
9BA21 418
9BA21P01 418
9BA21P011 418
9BA21P02 418
9BA21P04 418
9BA21P05 418
9BA21P06 418
9BA21P07 418
9BA22 419
9BA22P01 419
9BA22P011 419
9BA22P02 419
9BA22P04 419
9BA31 420
9BA32 420
9BA33 420
9BA41 503
9BB11 503
9BB12 503
9BB13 504
9BB31 504
9BC11 504
9BC121 504
9BC122 504
9BC124 505
9BC21 505
9BC22 505
9BC23 505
9BC24A 506
9BC25 506
9BC26 506
9BC31 506
9BE11 507
9BE21 507
9BE41 507
9BE42 507
9BE43 507
9BE44 507
9BE45 507
9BE52 509
9BE62 509
9BE63 509
9BF11 510
9BF21 510
9BF31 510
9BG11 510
9BJ11 510
9BK11 511
9BK2008 511
9BK31 511
9BK32 511
9BK41 511
9BK41-20 511
9BK41-28 511
9BK41-38 511
9BK41-53 511
9BK41-65 511
9BK41-73 512
9BK43-65 511
9BK51 512
9BM120 512
9BM2-01 255
9BM2-02 255
9BM2110 255
9BM2111 255
9BM2210 255
9BM2210A 255
9BM2211 255
9BM2211A 255
9BP11 504
9BQ01 518
9BQ11 519
9BT250 518
9BU111 516
9BU111T 517
9BU112 516
9BU112T 517
9BU141T 517
9BU142T 517
9BU151T 517
9BU152T 517
9BU241 517
9BU242 517
9BU251 517
9BU252 517
9BU241T 518
9BU242T 518
9BU251T 518
9BU252T 518
9BU41 518
9BU8109 518
9BU8109 254
9BU8112 518
9BU8112 254
9BU8209 518
9BU8212 254
9BV1410 253
9BV1410T 254
9BV1420 253
9BV1420T 254
9BV1411 253
9BV1411T 254
9BV1421 253
9BV1421T 253
9BW0120 514
9BW0123 514
9BW0220 514
9BW0221 514
9BW4501 516
9BW4502 516
9BW4801 516

9C xxx

9CD14 524
9CD21 524
9CD31 524
9CF-107 520
9CF110 519
9CF120 519
9CF130 519
9CF131 519
9CF132 519
9CF-207 520
9CF210 519
9CF220 519
9CF230 520
9CF240 520
9CF241 520
9CF-307 520
9CH01 521
9CH212 521
9CI016 524
9CI1101 523
9CI1102 523
9CI1103 523
9CI1201 523
9CI1202 523
9CI1203 523
9CJ013 522
9CJ023 522
9CJ033 523
9CJ1112 521
9CJ1120 521
9CJ1130 522
9CJ2112 522
9CJ2120 522
9CJ2212 522
9CJ3104 522
9CJ3105 522
9CJ3106 523
9CJ61-40 523
9CK-101 532
9CK-102 532
9CM01 521
9CM209 521
9CM212 521
9CW01 525
9CW21 525
9CW22 525
9CZ101 532

9D xxx

9DA022 526
9DA103 525
9DA104 525
9DB201 526
9DC22 526
9DC23 526
9DC242 527
9DC243 527
9DD21 528
9DH11 528
9DM1361 394
9DM1381 394
9DM1A1 528
9DM2351 395
9DN12 396
9DP1101 529
9DP1301 529
9DP1302 529
9DP2301 530
9DP3201 530
9DS11-16A 531
9DS11-16B 531
9DS11-16D 531
9DT11 532
9DT11E 532
9DT11-1 532
9DT11-2 532
9DT11-3 532
9DT11-4 532
9DT11-5 532
9DT11-6 532
9DT11-7 532
9DT11-8 532
9DT11-9 532
9DT11-10 532
9DT11-11 532
9DT11-12 532

9H xxx

9HBE083 508
9HBE4-30 508
9HBE4-39 508
9HBE4-47 508
9HBE4-58 508
9HBE4-62 508
9HBE4-67 508
9HBE81 508
9HBL11-05 513
9HBL12-05 513
9HBN01 509

9T xxx

9TA24A 436
9TA24B 436
9TA24D 436
9TA25A 437
9TA25B 437
9TA25D 437
9TA261A 437
9TA261B 437
9TA261D 437
9TA27A 436
9TA27B 436
9TA27D 436
9TA28 441
9TA28-S 441
9TA31A 438
9TA31B 438
9TA31D 438
9TA42A 438
9TA42B 438
9TA42D 438
9TA51 439
9TA52A 440
9TA52B 440
9TA52D 440
9TB225 533
9TB500 533
9TBA650 533
9TC101 533
9TD014MR 427
9TD034MR 427
9TD035MR 427
9TD036MR 427
9TD062 426
9TD064 426
9TD401-06M 427
9TD401-08M 427
9TD401-10M 427
9TD401-12M 427
9TD403-10M 427
9TD403-12M 427
9TD403-13M 427
9TD403-14M 427
9TD403-17M 427
9TD403-19M 427
9TD403-21M 427
9TD403-22M 427
9TD403-23M 427
9TD403-24M 427
9TD403-27M 427
9TD601 426
9TD602 426
9TD603 426
9TD604 426
9TE11 46
9TE11 425
9TE21 19
9TE21 46
9TE21 317
9TE31 19
9TE31 46
9TE31 259
9TE41 18
9TE41 212
9TG11 538
9TG12 538
9TG21 538
9TH21XL 259
9TH21XL 425
9TH31-XL 259
9TH31-XL 425
9TH31-2L 259
9TH31-2L 425
9TK014 534
9TK024 534
9TK108 534
9TK112 534
9TK118 534
9TK124 534
9TK225A 534
9TK225B 534
9TK236A 534
9TK236B 534
9TP11 539
9TP12 539
9TP22 539
9TQ01 536
9TQ03 533
9TQ31 533
9TT11-18 540
9TT21-03 540
9TT31-20 540
9TU11-20 542
9TU21-20 542
9TV12-020 541
9TV12-021 541
9TV13-100 541
9TV21-09 541
9TW21-20 542
9TZ11-04 425
9TZ11-05 425
9TZ11-06 425
9TZ11-08 425
9TZ11-10 425

9X xxx

9XAH1 497

A5 xxx

A535041M 231
A535046M 231
A535050M 231
A535051M 231
A535055M 231
A535057M 231
A535060M 231
A535065M 231
A535070M 231
A535075M 231
A535076M 231
A535076S 231
A535077M 231
A535078S 231
A535080M 231
A535080S 231
A535082S 231
A535084S 231
A535085M 231
A535086M 231
A535088S 231
A535090M 231
A535090S 231
A535094S 231
A535095M 231
A535096S 231
A535100M 231
A535100S 231
A535105M 231
A535108S 231
A535110M 231
A535112S 231
A535115M 231
A535120M 231
A535120S 231
A535124S 231
A535125M 231
A535126S 231
A535130M 231
A535132S 231
A535135M 231
A535136S 231
A535138S 231
A535140M 231
A535144S 231
A535145M 231
A535148S 231
A535150M 231
A535155M 231
A535156S 231
A535160M 231
A535160S 231
A535164S 231
A535165M 231
A535168S 231
A535170M 231
A535172S 231
A535175M 231
A535180M 231
A535180S 231
A535184S 231
A535185M 231
A535188S 231
A535190M 231
A535192S 231
A535196S 231
A535200M 231
A535200S 231
A535204S 231
A535208S 231
A535210M 231
A535212S 231
A535215M 231
A535216S 231
A535220S 231
A535224S 231
A535225M 231
A535235M 231
A535240S 231
A535244S 231
A535252S 231
A535256S 231

AD xxx

ADCV-01 17
ADCV-02 17
ADFLAG 17
ADFLAG1 17
ADFLAG2 17
ADSTK21KT 17
ADSTK22KT 17
ADSTK23KT 17
ADSTK-C1 17
ADSTK-H1 17

B5 xxx

B535105M 232
B535110M 232
B535115M 232
B535120M 232
B535125M 232
B535130M 232
B535132S 232
B535135M 232
B535136S 232
B535140M 232
B535140S 232
B535144S 232
B535145M 232
B535148S 232
B535150M 232
B535152S 232
B535156S 232
B535160M 232
B535160S 232
B535164S 232
B535165M 232
B535168S 232
B535170M 232
B535172S 232
B535175M 232
B535176S 232
B535180M 232
B535180S 232
B535184S 232
B535185M 232
B535188S 232
B535190M 232
B535192S 232
B535196S 232
B535200M 232
B535200S 232
B535204S 232
B535208S 232
B535210M 232
B535212S 232

Index

B535215M 232
B535216S 232
B535220S 232
B535224S 232
B535225M 232
B535228S 232
B535232S 232
B535235M 232
B535236S 232
B535240S 232
B535244S 232
B535248S 232
B535252S 232
B535256S 232
B535260S 232
B535264S 232
B535268S 232
B535272S 232
B535276S 232
B535280S 232
B535284S 232

LU xxx

LUBE15 249
LUBE15 250

SC xxx

SC7083MR 547
SC7096MR 548
SC7010MR 550
SC7396MR 549
SC7510MR 550
SC7583MR 547
SC7596MR 548
SC9043MR 551
SC9543MR 551

ST xxx

ST112012MR 545
ST112014MR 545
ST112017MR 545
ST112019MR 545
ST114512MR 545
ST114514MR 545
ST114517MR 545
ST114519MR 545
ST20109MR 546
ST20120MR 546
ST20139MY 546
ST20139SY 546
ST20203MR 546
ST20207MY 545
ST20208MY 545
ST20209MR 545
ST20213MR 545
ST20219MR 545
ST20219MY 545
ST20219MY1 545
ST20219SY 546
ST20220MR 546
ST20419PR 546
ST2346MR 546
ST4028MR 547
ST4028SR 547
ST4528MR 547
ST4528SR 547
ST87432-5B 549
ST87434-7B 549

SY xxx

SY-210H 258
SY-210M 258
SY-211F 258
SY-211H 258
SY-211M 258
SY-220H 258
SY-221H 258
SY-221M 258
SY-221F 258
SY-230M 258
SY-231M 258
SY-231F 258
SY-260M 258
SY-310H 258
SY-311H 258
SY-320H 258
SY-321H 258
SY-410H 258
SY-411H 258

WS xxx

WSB012802-5...515
WSB013006-5 ..515
WSB022701-5 ..515
WSN043601-5 ..515
WSN043602-5 ..515
WSN143601-5 ..515
WSN143602-5 ..515

ZS xxx

ZS104 16
ZS105 16
ZS106 16
ZS107 16
ZS108 17
ZS109-L 16
ZS109-XL 16
ZS109-2L 16
ZS109-3L 16
ZS110 17
ZS111-M 16
ZS111-L 16
ZS111-XL 16
ZS111-2L 16
ZS111-3L 16
ZS111A-S 16
ZS111A-M 16
ZS111A-L 16
ZS111A-XL 16
ZS111A-2L 16
ZS111A-3L 16
ZS112-L 16
ZS112-XL 16
ZS112-2L 16
ZS112-3L 16
ZS116 17
ZS119 17
ZS120-S.....17
ZS141-S 16
ZS141-M 16
ZS141-L 16
ZS141-XL 16
ZS141-2L 16
ZS141-3L 16
ZS142B-S 16
ZS142B-M 16
ZS142B-L 16
ZS142B-XL 16
ZS142B-2L 16
ZS142B-3L 16
ZS142G-S 16
ZS142G-M 16
ZS142G-L 16
ZS142G-XL 16
ZS142G-2L 16
ZS142G-3L 16
ZS142W-S 16
ZS142W-M 16
ZS142W-L 16
ZS142W-XL 16
ZS142W-2L 16
ZS142W-3L 16
ZS306 16
ZS307 17
ZS402 16
ZS403 16
ZS405 16
ZS408 16
ZS409 16
ZS410 16
ZS411 16
ZS510 16
ZS511 17
ZS512 16
ZS516.....17
ZS522 17
ZS524 17
ZS530 17
ZS533 17
ZS539.....17
ZS540 17

ZV xxx

ZV011 282
ZV011A 282
ZV011B 282
ZV011D 282
ZV012 282
ZV012A 282
ZV012B 282
ZV012D 282
ZV013 282
ZV013A 282
ZV013B 282
ZV013D 282
ZV101 257

KING TONY Tools Corporation

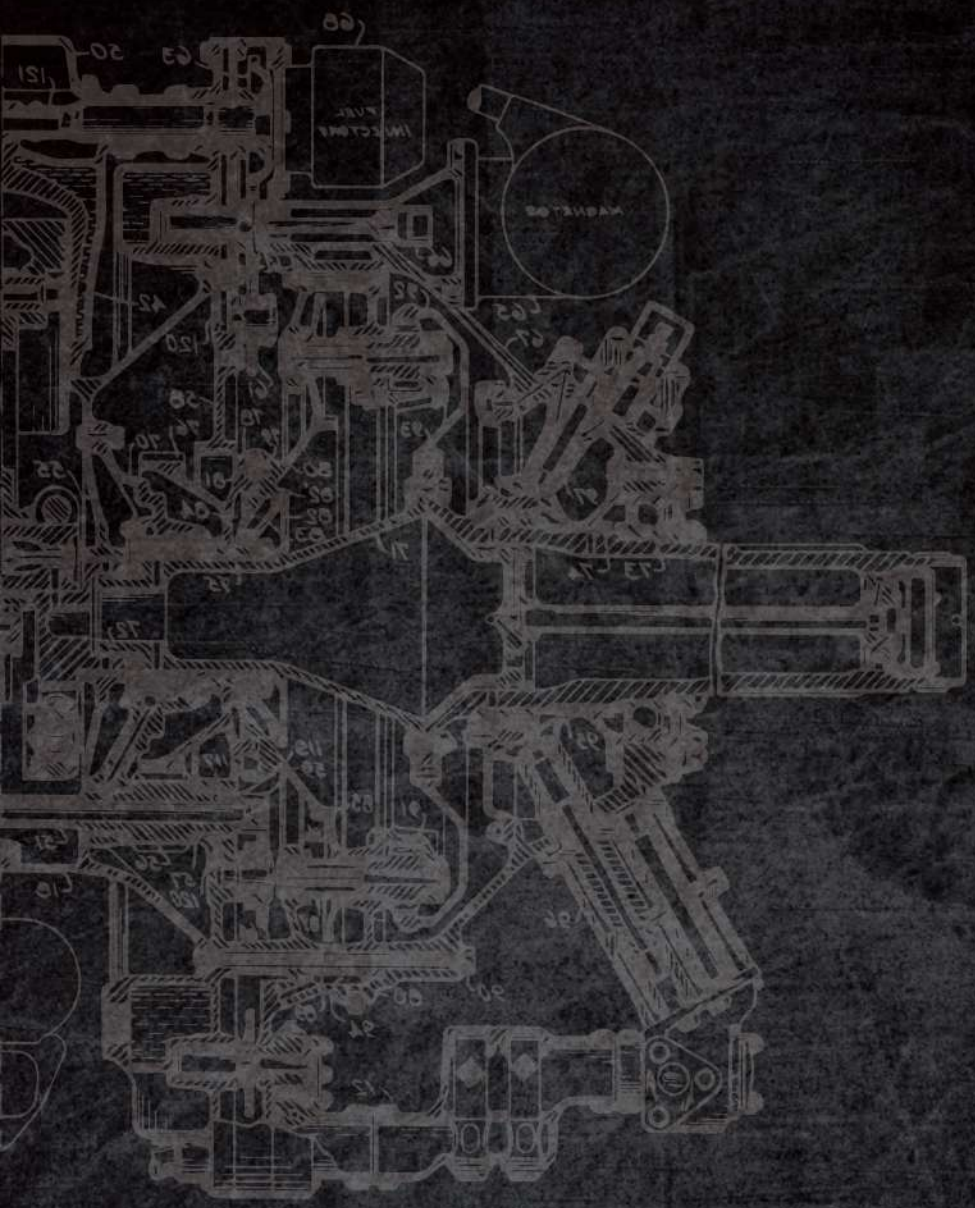
Gree Space for The Mind

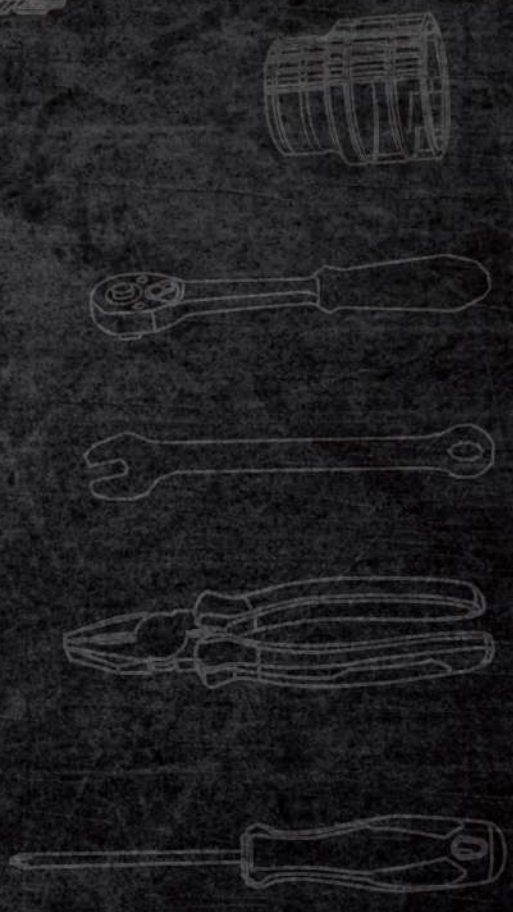
The tall rich green grasses around us grow and give us a sense of a fresh, free feeling, as the gentle winds blow. As the tall grasses grow to reach the blue sky, so do our desires, minds, and work to reach the highest quality of service.

- KING TONY reserve the revising right to the listing product in this catalogue for improving or technical reasons.
- All products listed in catalogues before this version are null and void unless items confirming remain available by KING TONY.
- Do not copy or extract any listing in the cataloque without our approval.

Quality
Innovation
Health
Enjoyment

2018.11





KING TONY TOOLS CO.,LTD.

http://www.kingtony.com
https://www.facebook.com/KingTonyTool/
customer service e-mail: service@kingtony.com.tw

CAT2019-0