Tools Category

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)

Torque Control & Multipliers

Wrenches

Pliers

Pipe Tools

Screwdrivers & Hex Key & Bits

Electronic & Electrical

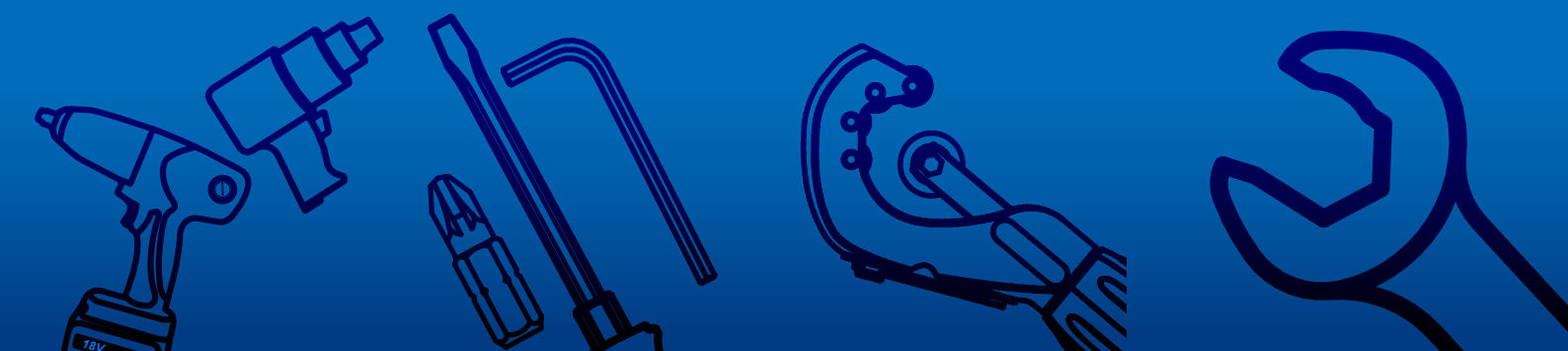
Hammers & Striking Tools

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

Pneumatic & Power Tools

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

ST Series Tools



26
108
214
256
278
320
338
354
400
440
450
474
500
611

Brand Vision

KING TONY

Enjoy your work

King Tony engaged in supplying professional tools for more than 32 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.

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.

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

Algeria / Australia / Austria / Bahrain / Belarus / Belgium / Benin / Bolivia / Brazil / Bulgaria / Burkina Faso / Cameroon / Central African Republic / Combodia / Costa Rica / Chile / China / Cyprus / Czech / Denmark / Dominican Republic / Egypt / Estonia / Ethiopia / Equatorial Guinea / Finland / France / Gabon / Germany / Ghana / Greece / Guatemala / Hungary / India / Indonesia / Iran / Ireland / Israel / Italy / Japan / Jordan / Kazakhstan / Kenya / Kuwait / Laos / Latvia / Lebanon / Leberia / Libya / Lithuania / Luxembourg / Malaysia / Malta / Mauritius / Mexico / Moldova / Morocco / Myanmar / Netherlands / New Zealand / Niger / Nigeria / North Korea / Oman / Papua New Guinea / Pakistan / Portugal / Poland / Peru / Qatar / Romania / Russian Federation / Saudi Arabia / Senegal / Serbia / Sierra Leone / Singapore / Slovakia / Slovenia / South Korea / South Africa / Spain / Swaziland / Sweden / Switzerland / Syria / Taiwan / Thailand / Tanzania / Togo / Ivory Coast / Tunisia / U.S.A. / U.A.E. / United Kingdom / Ukraine / Vietnam / Yemen

2010
TAIWAN SUPERIOR BRANDS

2011
NATIONAL BRAND YUSHAN AWARD

KING TONY GLOBAL

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

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)

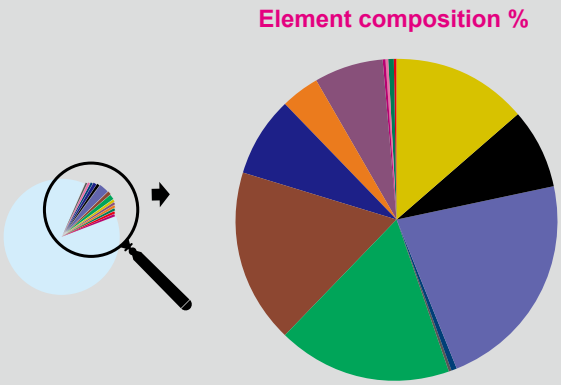
Heat treatment involves the use of heating or chilling on experience and time control. King Tony controls heat treatment system to ensure the right hardness without the brittleness. From microstructural picture you can see elements are well- distributed.

Professional production & quality control

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

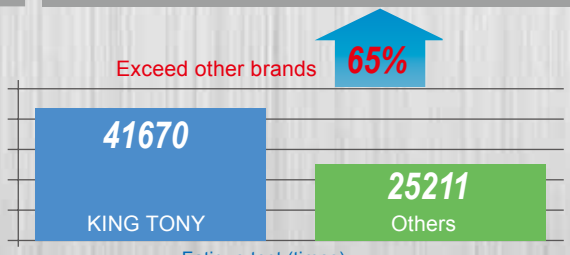


Fe	97.1025%	Mo	0.2325%	P	0.0125%
Mn	0.6485%	Si	0.2301%	S	0.0104%
Ni	0.5089%	Cu	0.1970%	Co	0.0092%
Cr	0.5058%	V	0.1130%	W	0.0088%
C	0.4000%	Al	0.0196%	B	0.0012%

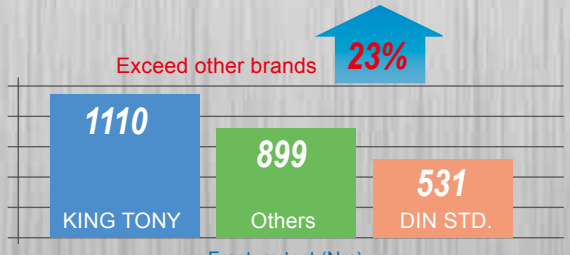
Tools are made to extend hand work. King Tony selects different material depends on its difference of nature for tightening, power impacting, cutting, rotating, and locking. Choose qualified material to meet required lifetime for professional use and consumption.

Durability

Extremely hard-wearing performance



Fatigue test (times)



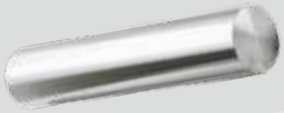
Fracture test (Nm)

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.

Wrench Made

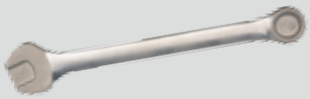
01 Raw material



02 Hot forge

03 Barreling

04 Polishing



05 Punching & Broaching

06 Marking

07 Heat treatment

08 Vibrating

09 Sand blast

10 Plating

Socket Made

01 Hot forge

02 Lathing

03 Marking

04 Heat treatment

05 Sand blast

06 Grinding

07 Plating

08 Rubber stripe assembly

01 Spectrometer

Metal material elements analysis

02 Gauge measurement

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

03 Rockwell hardness tester

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

06 Torque tester

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

07 Precise cutting machine

Cut for a smooth section

08 Mounting press machine

In order to fix tiny and multilateral workpiece

Inspection Equipment

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

12 Tension tester

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

13 Hammering test machine

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

16 Micro torque tester

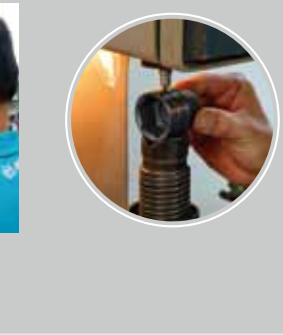
Test products with smaller torque such as bits for their durability

17 Vision measuring machine

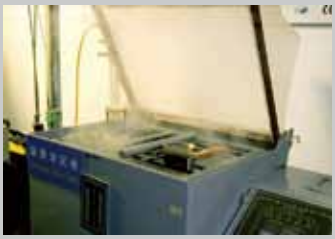
Measure parts for difficult angle or in the narrow space

18 Carton busting strength tester

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

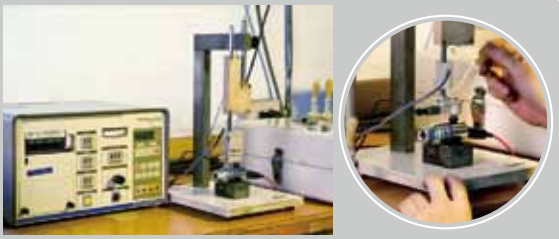


04 Salt-water spray tester

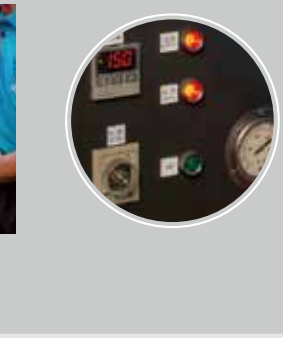


48 HRs environmental simulation test to check product's durability from being rusty

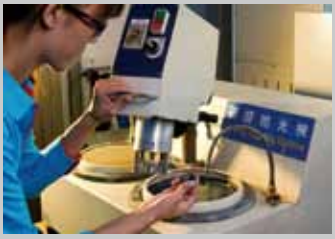
05 Thickness test of plating



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

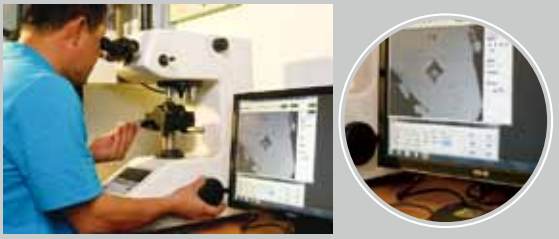


09 Grinding & polishing machine



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

KING TONY
Enjoy your work

14 Pliers class measure tester

Test the cutting force and durability

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

19 Insulated test machine

Ensure products are insulated under the voltage 1000V

01 Hot forge

Heat to take shape and complete fibers to improve durability

02 Grinding

Remove oxide layer and ensure sockets roundness for follow process precision

05 Machining (CNC)

Finish complicated process to ensure product the precision

06 De-burring

Remove the burrs and chamfer on square hole

Production Process

09 Heat treatment

Enhance product performance to achieve max. hardness

10 Vibrating

Remove oxide layer and burrs for surface coating

13 Phosphate sunk

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

14 Silk printing

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

03 Lathing

Control sockets external diameter and the roundness

04 Drilling

Drilling pin hole on the groove to offer socket safety operation

07 Punching & Broaching

Make accurate dimension for the spanner

08 Marking

Stamp dimensions, material and manufacturer

KING TONY
Enjoy your work

11 Sand blast

Remove oxide layer and burrs for surface coating

12 Plating

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

15 Rubber strip assembly

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

Effectiveness of KING TONY

Color identification system

Registered color identification system is smart innovation for tool history. King Tony built the sockets in two colors - BLUE for metric size, RED for imperial size- make selection much easier. Extend idea for tool storage and management help professionals save time.

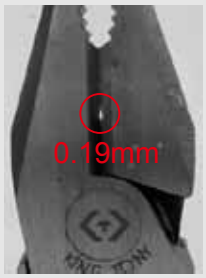
Precise tolerance on dimension

High-grated tools with minimum tolerance make a greater difference on skilled maintenance.

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.

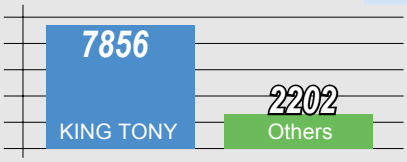
Over 2000 times cutting result for 1.6mm piano wire (2200N/mm2, HRC48)



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.

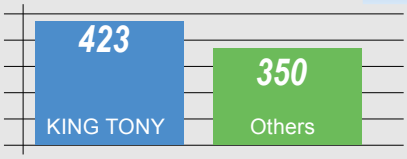
Advanced structure saves time

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.

Marca King Tony (bom)

Outras marcas (mau)

Exceed other brands **20%**



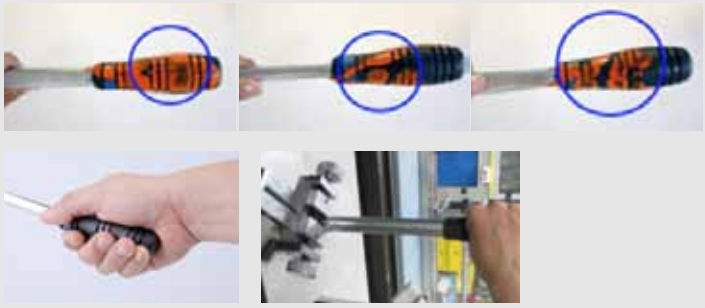
KING TONY speed wrench is 20% stronger than others.

Comfort of KING TONY

The ergonomic and safe handle

The continuous movement in professional job always brings fatigue and muscle tension. And it results increasing discomfort or injury to the users. King Tony treats the health and safety of the users as first majority of concern. We try to design a more comfortable and safe handling on the products. For example, we select TRB insert molding process to supply better and safer handling for working.

Punho testado para melhor manuseamento



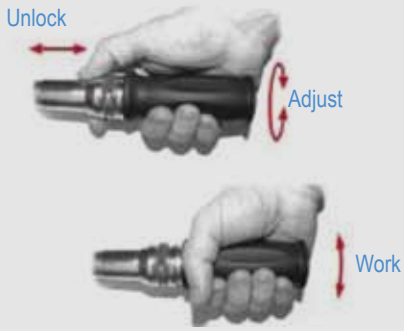
ISO 14001 cleaner production factory

Less affect by environmental considerations to every aspect of the product lifecycle including planning, design, choice of materials, manufacturing, distribution, usage, and recycling. King Tony always follows the rule of relative standard such as RoHS the European standard for non-toxic and recyclable contents. We concern the environment and human while we supply the best quality tools.

Recycleable

From prototype to mass production

The quality is one of the most important things and is taken care since the beginning of design. King Tony makes details clearly on 2D dimension engineering drawing & 3D shape picture communicate on production. We create mold precisely to make sure satisfaction of designed performance. Then after checking and testing from trial production, we arrange mass production for on-time delivery to global customers.



Exhibitions

We visited customers every year to exchange ideas and collect market information and trends. Meanwhile, we attend major exhibitions around the world to increase our brand visibility and reputation.

We are selling to more than 130 countries. We also build branches around the world. Customers can easily acquire service from local distributors in their countries.

We build professional brand image for exhibitions. Visitors can experience KING TONY's excellent quality and understand our brand vision.

Sponsor & Partnership

When using KING TONY tools, you can quickly, easily, and perfectly finish your works. You will feel more confident and joyful about what you do.

We sponsor our customers to promote KING TONY in Motorsports around the world.

KING TONY focuses on international brand marketing. We raise brand exposure & professional image to strengthen our position in the market.

Branding to Target Users

KING TONY focuses on international brand marketing while developing other potential markets.

Billboard, King Tony van, King Tony store, magazine & newspaper, King Tony gifts.

KING TONY has been specializing in professional tools and serving as the "tool expert with the best service". In addition to create effective marketing strategies with the concept of "customer first" in mind in the future.

Brindes & Publicidade

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)

ZS306
Size: 18x18x0.3cm
Mouse Pad

ZS403
Ballpoint Pen

ZS405
Ball-Bearing Pen

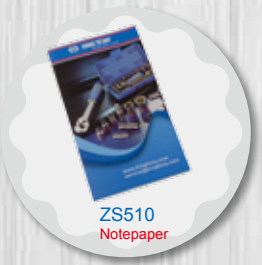
ZS408
Ruler 30 cm

ZS512
Note Book

ZS409
Size: 310x220mm
A4 L Shape Clear File

ZS410
Size: 310x495x17mm
A4 Clear File

ZS411
Size: 530x367x2mm
Mat



ZS510
Notepaper

ZS529
Paper Clip Of
Dr.Q Toy Figure

	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"

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

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

T-shirt

Brindes & Publicidade

ZS108
Leather Belt (Male)

ZS520
Necktie

ZS521
Necktie Clip

ZS110
Work Hat

ZS116
Size: 68x8K
Golf Umbrella

ZS516
Corkscrew

ZS539
Opener

ZS511
Paper Cup

ZS119
Handbag

ZS120-S
Personal Cooler Bag

ZS522
Key Ring

ZS524
Key Ring

ZS530
Key Ring

ZS533
Key Ring

ADFLAG
Size: 25.4 x 16 cm
Small Flag

ADFLAG1
Size: 930 x 1430 mm
Big Flag

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
Canvans Strip

ADCV-02
Size: 300 x 80 cm
Canvans Strip

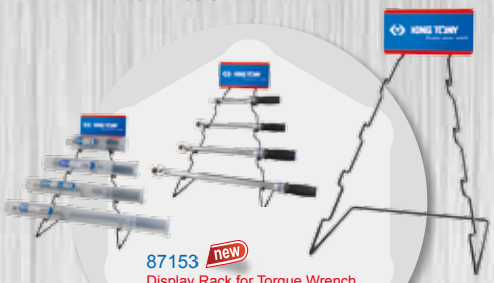
Tool Display

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

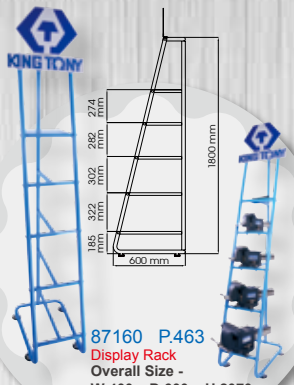
87301
Display Stand
Overall Size -
W 950 x D 500 x H 2230 mm
Attachment-
1 PC. lamp case
2 PC. angled steel frame
2 PC. shelve
4 PC. steel plate with hole
40 PC. hooks

87302
Display Board
Wall hanging type 30 PC. hook included
Overall Size -W 725 x D 14 x H 900 mm
Weight - 11.5 Kg / Cuft - 0.328

87152 new
Display Stand
Overall Size -W400 x D230 x H470 mm
Weight - 1.2 Kg / Cuft - 1.53



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



87160 P.463
Display Rack
Overall Size -
W 400 x D 600 x H 2070 mm

91431 P.445
Hammer Hook
Overall Size -
W 40 x D 210 x H 240 mm
Weight - 411.6 g / Cuft - 0.072

9TE41 P.230
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

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.149
4072MR / 4572MR	P.152
4072SR / 4572SR	P.152
4066MR / 4566MR	P.155
4066SR	P.155
4472MP/4472SP	P.222
4466MP/4466SP	P.222

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 - 2.5 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.365)
(31516MR P.365)
87107 (31419MR P.407)
87110 (31512MR P.365)
87111 (31519MR P.365)

87104 P.366
Screwdriver Shelf
Overall Size -
W 325 x D 205 x H 270 mm
Weight - 1.2 Kg
Cuft - 0.3

87116 P.331 new
Display Stand for Grip Pliers
Capacity: 12 PC.
Size: 243 x 205 x 200 mm

87118 P.455
Display Stand for Measuring Tape
Capacity: 12 PC.
For all measuring tape (79093 / 79094 Series)
Size: 309 x 237 x 189mm

87119 P.392
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.374
Bit Display Box
Overall Size -
W 318 x D 235 x H 183 mm
Weight - 1.3 Kg
Cuft - 0.4

8711B
Metal Holder
Overall Size -
W 600 x D 240 x H 60 mm
Weight - 6.2 Kg
Cuft - 0.9
Reference:
1090PR1 P.446

87108 P.448
Metal Holder for Flat Chisel

9TE31 P.494
Magnetic Holder for Impact Wrench
Overall Size -
W 101 x D 101.5 x H 394 mm
Weight -1.3 Kg

91451-01A(1/4"x19 BSP)
91451-01B(1/4"x18 BSP)
Impact Wrench Hook
Reference: P.494

87106 P.494
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.318
T-type Wrench Hanger
Overall length - 120 mm
Weight - 533g

Sign List & Index

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	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	Center cut	External circlip	Internal circlip
Max. torque	Air inlet	Free speed	Air pressure	Std. bolt size	Air hose	Anvil type	Avg. air consumption	Sound
Vibration level	Thin serrated	Coarse serrated	With opening spring	Round jaws	Half-round jaws	Flat & point jaws	Diameter	Capacity of open jaw (mm)
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.)			
With bevel	With small bevel	With very small bevel	Without bevel	Diesel engine	Petrol engine	Timing belt	Timing chain	
HGV	Small commercial vehicles	Construction vehicles	Buses	Chassis	Passenger cars	Factory	Engine series	Agricultural machinery
Agricultural machinery-tiller	Motorcycles	Steel construction	Assembly line	410 lumen	15 watt	Adjustment button	11 mm thickness	Magnetic
USB cable	USB changer 5V, 1000mA	3.7V-2200mAh Li-ion battery	Charging time for 4 hours	Lighting for 2.5 hours				
Q'ty / Carton	Q'ty / Box	Q'ty / Blister card	Weight	ISO	CE certificate	VDE certificate	G.S. approval	TUV certificate
1000V Insulated	ESD							

Information-General Safety Recommendations

▪ Please wear proper safety gear while working.

TOOLS STORAGE & TOOLS SYSTEM SETS

- 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
Enjoy your work
KING TONY
Enjoy your work

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

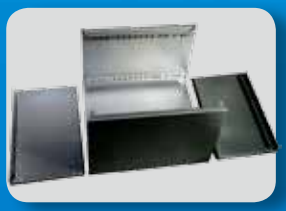
(Produce with minimum quantity)

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 For Trolley

87432-15

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

87432-17

- Flat side panel
- Size : 456 x 370mm

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

- Side tray

87432-33

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

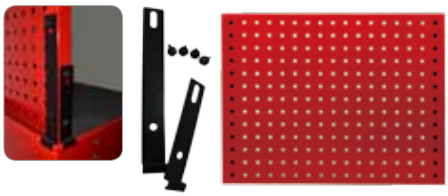
87432-34

- Bottle side tray

87432-41

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

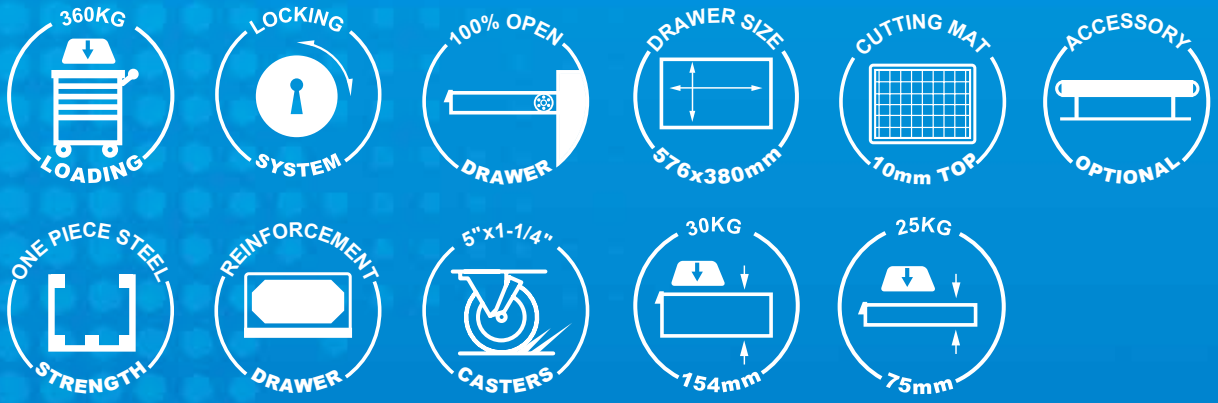
CAUTION Can't install side tray(87432-32) at the same time



87432-52

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

Tool Trolley



Tool Trolly Set

P.53-55
P.70-75

EVA Foam

P.58-68

Plastic Tray

P.83-107

Selective colors:

-B

-G

(Other colors are optional, produce with minimum quantity)

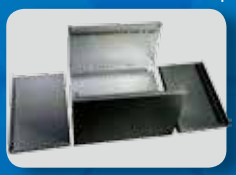
87438-3B

87432-5B

87434-7B

87437-8B

87437-10B

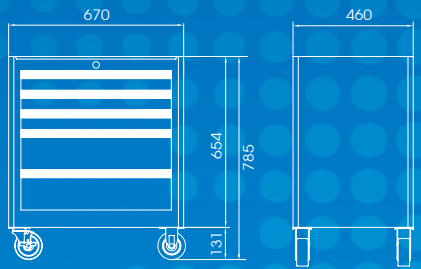


KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87432-5B	4 Drawer	576 x 380 x 75	5"x1-1/4"	360 Kg	56	12.24
	1 Drawer	576 x 380 x 154				
	Bulk Drawer	603 x 404 x 234				
87434-7B	5 Drawer	576 x 380 x 75			64	
	2 Drawer	576 x 380 x 154				
87437-8B	7 Drawer	576 x 380 x 75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

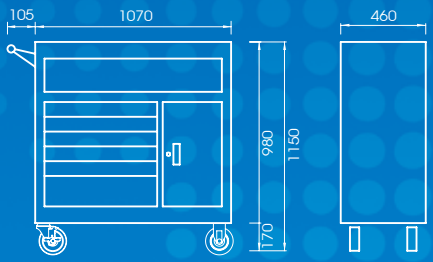
- Specifically collocate with workbench

87431-5BE



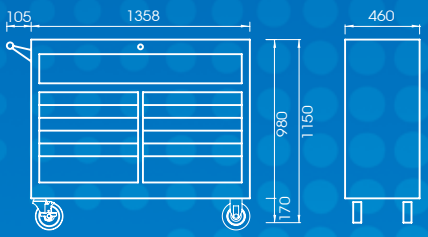
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87431-5BE	3 Drawer	576 x 380 x 75	4" x 1-1/4"	250 Kg	50	10.03
	2 Drawer	576 x 380 x 154				

87439-7B



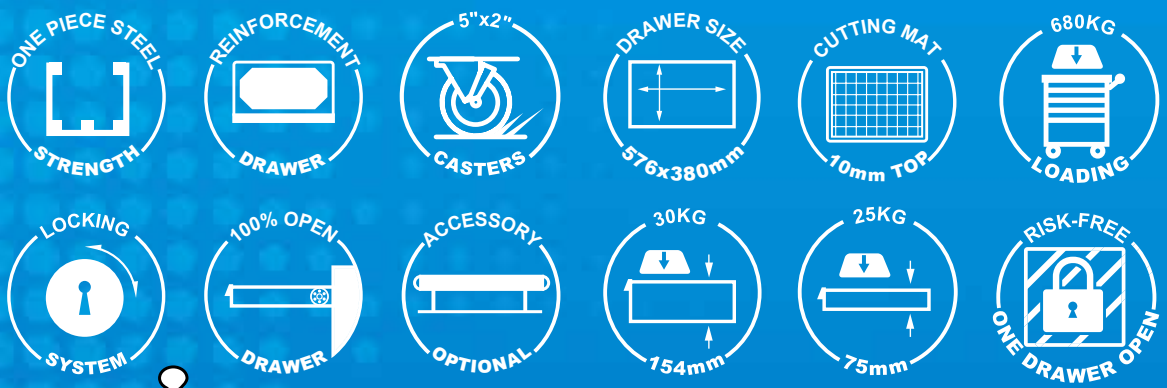
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87439-7B	5 Drawer	576 x 380 x 75	6" x 2"	600 Kg	129	25
	1 Drawer	576 x 380 x 154				
	1 Drawer	927 x 380 x 173				
	1 Door	317.5 x 404 x 554				

87435-13B



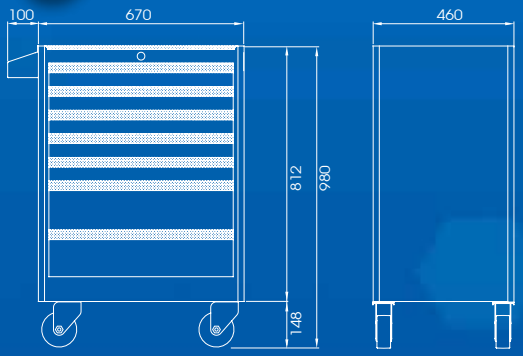
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87435-13B	10 Drawer	576 x 380 x 75	6" x 2"	600 Kg	166	31.54
	2 Drawer	576 x 380 x 154				
	1 Drawer	1215 x 390 x 173				

Risk-Free Tool Trolley



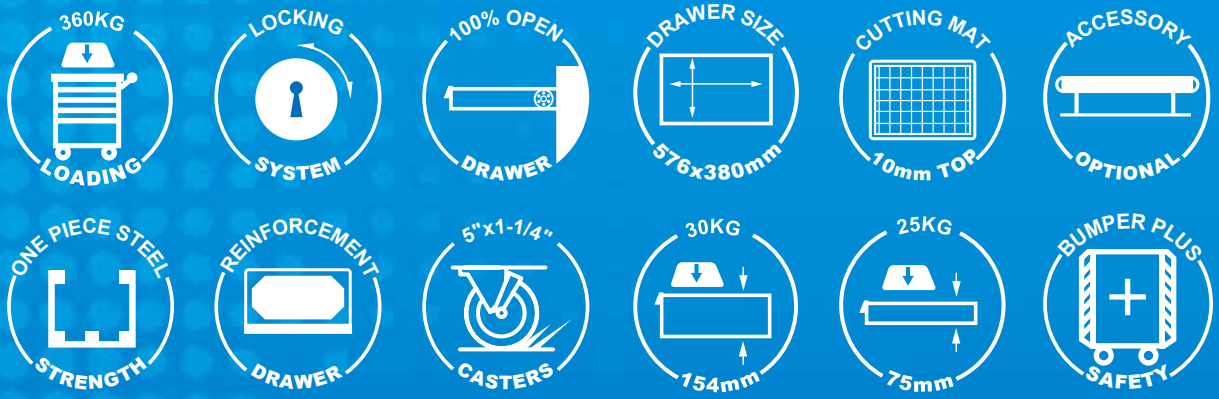
Selective colors:

(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 Trolly Set

P.53-55
P.70-75

EVA Foam

P.58-68

Plastic Tray

P.83-107

• Multipole space bar to hold other tools

• With bottle tray and side tray

• Embossed & hammed edge drawer increase strength

• Industrial TPR floor brake casters

87632-5B

87634-7B

- Soft bumpers each side avioding scratch or damage vehicle
- More space for bottles & hanging
- Easy moving 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)

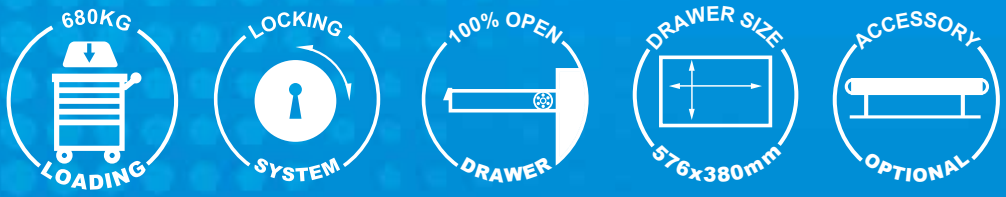
• Ball bearing drawer

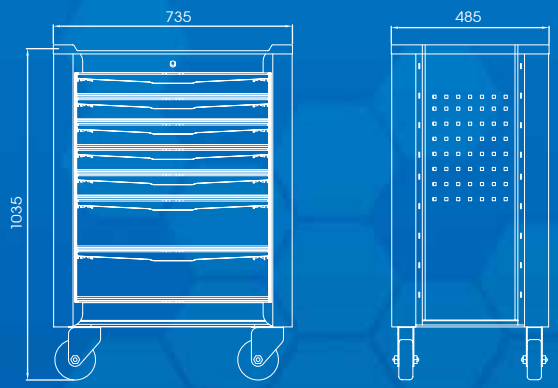
• Black anodized aluminum strip

• 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 Trolly Set

P.53-55
P.70-75

EVA Foam

P.58-68

Plastic Tray

P.83-107

• Industrial TPR floor brake casters

• Soft bumpers side adviding damage vehicle

• Black anodized aluminum strip

87934-7B

87934-7BF

- 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:

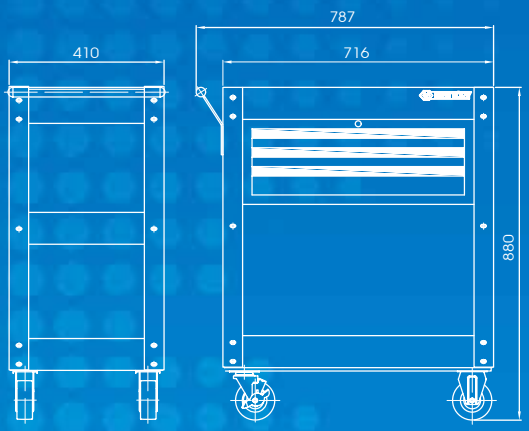
-B

-G

(Other colors are optional, produce with minimum quantity)

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Contents		Casters	Static load	Kg	CUFT
87934-7B	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	69.70	12.43
			87934-32	Tool bin & oil can holder x 1				
87934-7BF			87502-051	Single hook x 4			75.00	12.70

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 + 3" Casters	716 x 410 x 855		
	1 Drawer	569 x 275 x 75		
87441-3B	overall	716 x 410 x 750	33.0	4.95
	overall + 3" x 1-1/4" Casters	716 x 410 x 855		
	1 Drawer	569 x 275 x 75		
	2 Drawer	569 x 275 x 50		

Shelf Trolley new

- Especially developed for the demands of paint shops and workshops
- Rubber top handle for placement auto body
- Round corners prevent damage of the vehicle
- Industrial NBR casters with high loading capacity and maneuverability
- Loading capacity per shelf 80 kgs
- Resistant to solvent plastic
- Hanging solutions accessories for two side panels

Optional accessories:

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

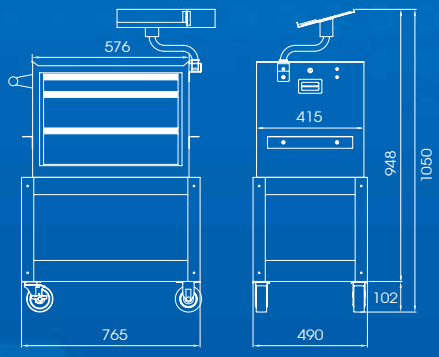
KT NO.	Overall	Overall + 4" casters	Casters	Kg	CUFT
87440	850 x 480 x 1000	7850 x 480 x 1136	4" x 1-1/4"	15.5	4

3 Reversible Drawers Ball Bearing Type Shelf Trolley

87442-3B

87442-16-K

87442-36



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 E.V.O.R

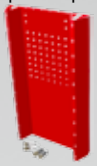
Evolution Roller

- 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 kg	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

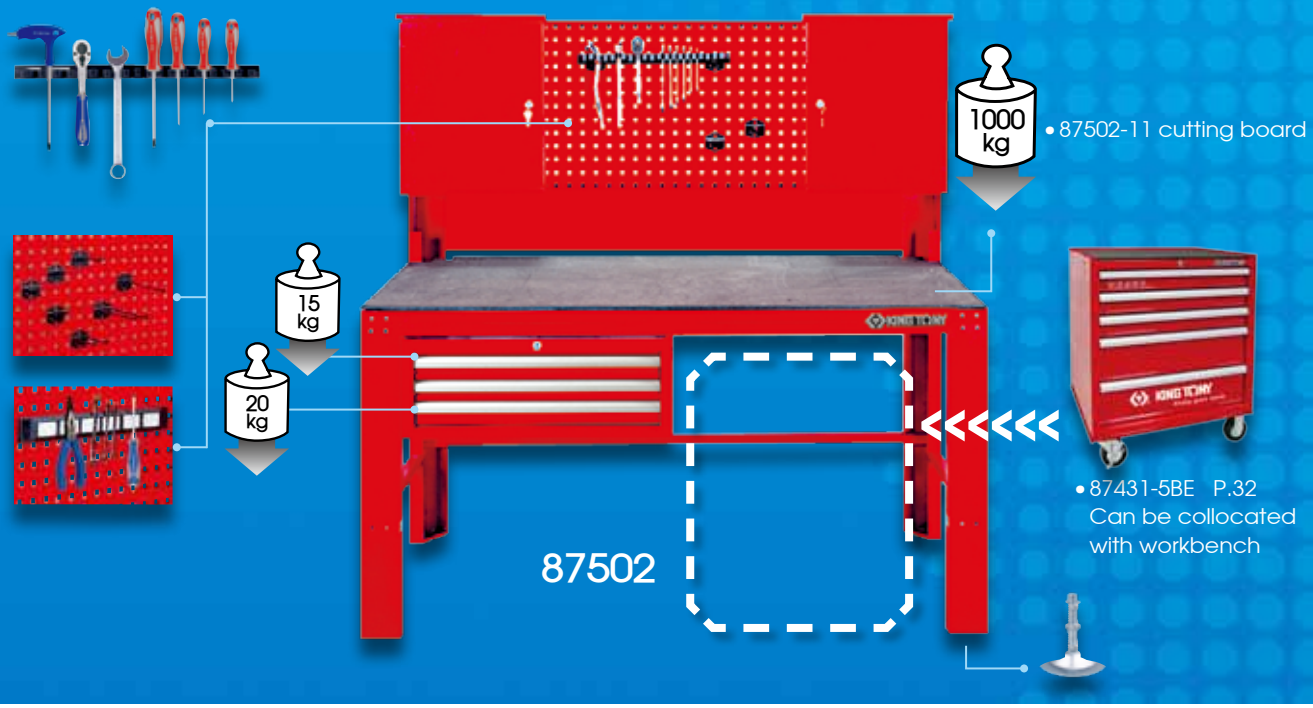
87502-061
1" Double hook

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

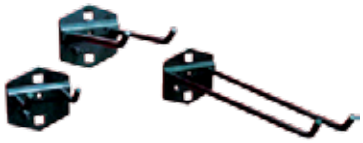
- Magnetic tool holder for workbench backpanel
  Size: 458 x 52 x 17mm

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. of adjusting device
- Included 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	2.7
	2 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		

87502P03

- 2 PC. wall cabinets

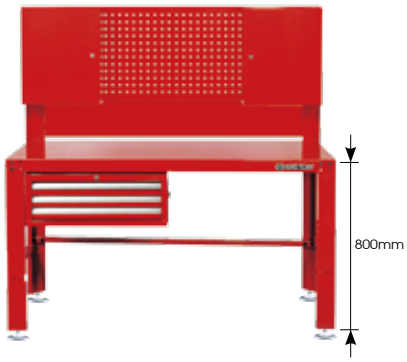
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	kg	CUFT
87502P03	Overall	400 x 200 x 500	14	4.5

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	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	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	6.5
		B-400 x200 x 500	14	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	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	6.5

87502P012

- Back panel

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87502P012	Overall	1525 x 20 x 700	13.5	2.7

Workbench

87512

- Workbench - 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	130.1	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 new

- Workbench

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87512P01	Overall	1565 x 766 x 800	71.5	7.22'

87512P02 new

- 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 new

- Back panel

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87512P03	Overall	1559 x 203 x 603	43.3	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	8

Tool Chest

87411-6B

87411-9B

87419-5B
(Extra deep)

87412-4B

87412-6B

87417-10B
(Extra deep)

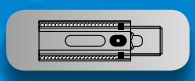
- Powder coating
- Ball bearing slide
- Central locking system
- Hemed edge design to improve strength and safety
- Drawer quick release and detent design

Selective colors:

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

(Produce with minimum quantity)

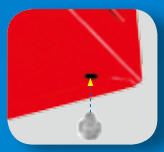
• Ball bearing slides



• 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	25.4	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	30.2	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	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	21.0	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	23.3	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	51.2	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		

Accessory for Tool Chest

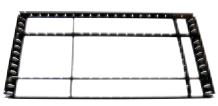
87411-23

87411-24

- Drawer divider for 87411

KT NO.	Frame(mm) Width x Depth x Height	Material	Divider size mm
87411-23	568 x 255 x 40	Steel	Long: 555x40(2PC.) Short: 265x40(2PC.)
87411-24	-	Plastic	Long: 570x40(2PC.) Short: 272x40(2PC.)

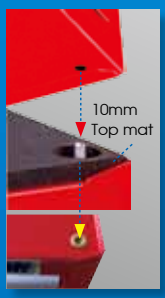
87411-23



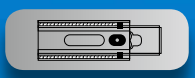
87411-24

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	2.7
	2 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		

Selective colors:

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

(Produce with minimum quantity)

Portable Tool Chest

- Heavy gauge steel plus flange reinforced design
- Cover closing synchronously locks all of the drawer
- 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	8.8	2.05
87401-3	3 Drawer	504 x 195 x 52	10.2	
87401-3H	3 Drawer	504 x 195 x 52	11.2	

87401-2

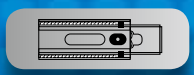
87401-3

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	5 compartments	530 x 220 x 260	6.7	1.3

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	2.4	1.75
87407	2 compartments	445 x 240 x 206	1.74	0.79

Fabric Tool Box

87711C

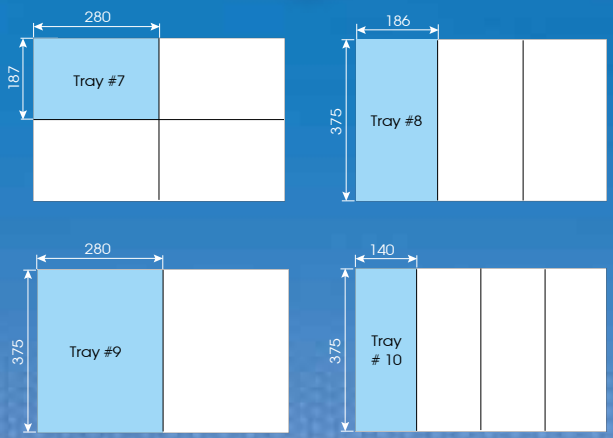
- Waterproof 1200D Nylon Oxford
- Light weight stainless bar & comfortable EVA handle
- Velcro cover for easy access & quickly take out tools
- Adjustable ambi-bag with soft padded shoulder strap
- 39 inner pockets for multiple-tools storage
- 50% Light Weight compare with metal box

KT NO.	Dimension(mm) Width x Depth x Height	Kg	
87711C	550 x 285 x 370	3	1 / 1

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 designed is based on the user perspective , easy to carry and storage, make every user enjoy their work.



#7

820001
289 x 230 x 66mm

#10

820002
389 x 185 x 66mm

#8

820003
389 x 230 x 66mm

#9

820011
422 x 372 x 92mm

- 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 provide 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

- 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

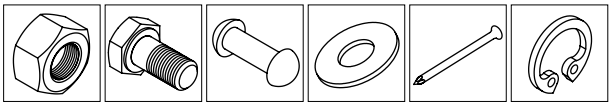
• Extra space for thumb taking out

KT NO.	Size mm	EVA / Tray	g	
820001	289 x 230 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

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 & storage bolts, nuts
- Mini case (278x87x42mm)



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

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

Plastic Tray

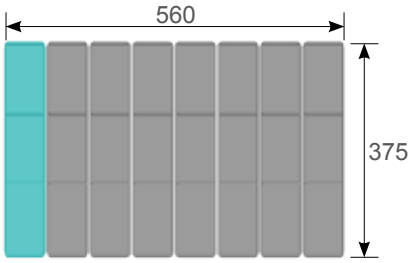
847000

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

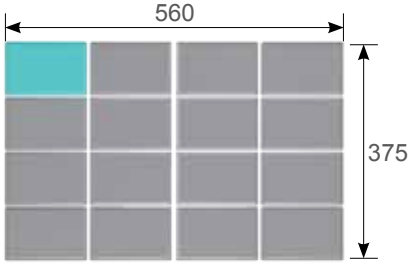
KT NO.	Size	g	
84700011B	283 x 93 x 43	113.2	1 / 40
84700002B	140 x 93 x 43	60.0	1 / 80
84700003B	187 x 47 x 43	50.2	1 / 80

84700011B 84700002B 84700003B

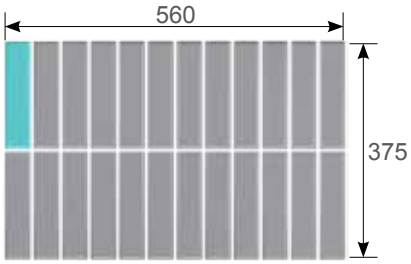
8PC.



16PC.

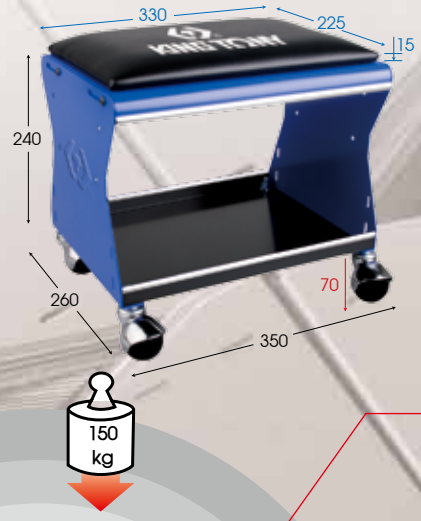


24PC.



Mobile Work Chair

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



- Four 360° Rotation Spherical Castors

Drawer

Size : 345 x 195 x 65mm

87452A-B

Tray / EVA #2 — 263 x 163

Tray / EVA #5 — 265 x 185

Tray / EVA #7 — 280 x 187.5

Metal tray with rack funciton

87452B-B

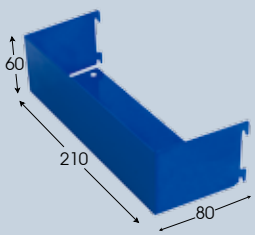
Metal tray

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

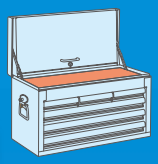
87452A1-B

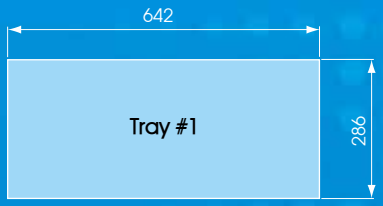


Tools Control & Security Storage System

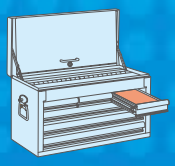
How to complete your tool trolley set and tool chest set

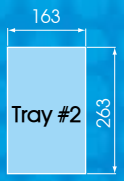
Drawer A1 (646x290 mm)



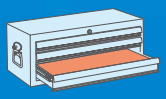


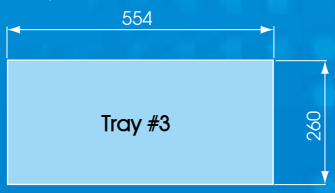
Drawer B1 (172x275 mm)



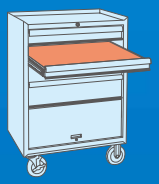


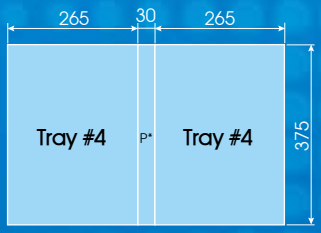
Drawer B2 (572x275 mm)

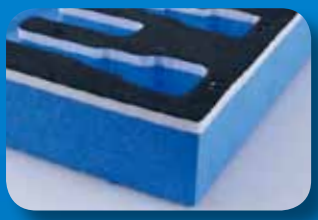




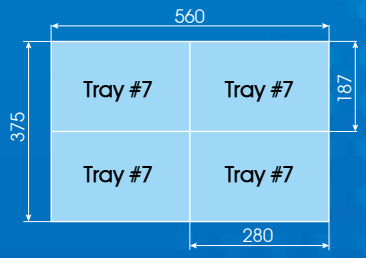
Drawer B3 (579x380 mm)

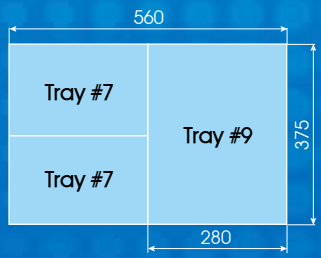






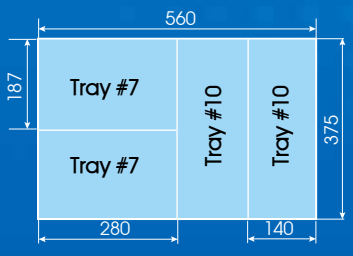
Trie-colors fabricatuon

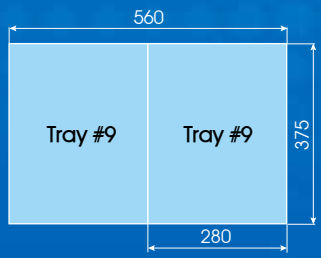


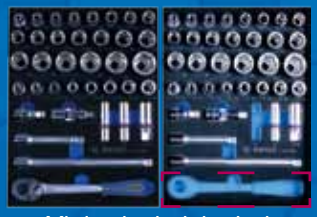


Water resistant

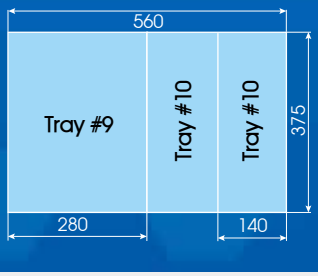
Laser marking

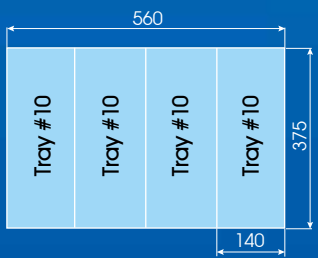






Missing tools detected





- **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

286 PC. Tool Trolley Contents

Contents No. 934-010MRVD

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.64 | 9-4537MRV #9 P.64

9-4147PRV #10 P.67 | 9-4401MPV #10 P.67 | 9-2565MRV #7 P.63 | 9-4129PRV #7 P.63

9-90119MRV #9 P.65 | 9-1220MRV #9 P.65

9-31124MRV #6 P.61

9-40104GPV #10 P.67 | 9-40113GPV #10 P.67 | 9-90135MRV #10 P.67 | 9-90118PRV #10 P.68

286 PC. Tool Trolley Set

7 92.8 kg CUFT 15.21	934-010MRV (87434-7B P.31)	934-010MRV-G (87434-7B-G P.31)	934-010MRV-B (87434-7B-B P.31)
7 94.94 kg CUFT 18.61	9634-010MRV (87634-7B P.35)	9634-010MRV-G (87634-7B-G P.35)	9634-010MRV-B (87634-7B-B P.35)
7 98.5 kg CUFT 15.4	9934-010MRV (87934-7B P.37)	9934-010MRV-G (87934-7B-G P.37)	9934-010MRV-B (87934-7B-B P.37)
7 103.8 kg CUFT 15.67	9934F-010MRV (87934-7BF P.37)	9934F-010MRV-G (87934-7BF-G P.37)	9934F-010MRV-B (87934-7BF-B P.37)

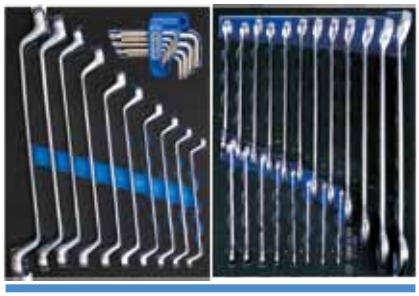
325 PC. Tool Trolley Contents

Contents No. 934-011MRVD

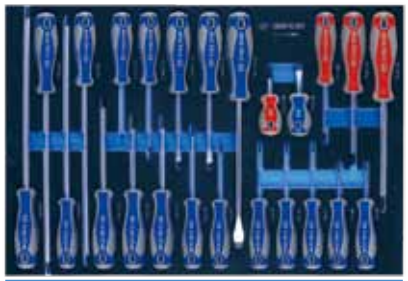
33.35 CUFT 3.73

9-3544MRV #9 P.64 | 9-4537MRV #9 P.64

9-2565MRV #7 P.63
9-4143FRV #7 P.63
9-1112MRV #9 P.64



9-90119MRV #9 P.65 | 9-1220MRV #9 P.65



9-31124MRV #6 P.61

9-40104GPV #10 P.67 | 9-40113GPV #10 P.67 | 9-90135MRV #10 P.67 | 9-90118PRV #10 P.68

9-90413TQV #6 P.62

7962-04 P.452

9DC23 P.597

2121-18 P.605

7963-04 P.452

14210212 P.358
14226512 P.358

9-44214GPV 9-22108MRV #9 P.66
#10 P.67

325 PC. Tool Trolley Set

7 CUFT 97.35 / 15.97	934-011MRV (87434-7B P.31)	934-011MRV-G (87434-7B-G P.31)	934-011MRV-B (87434-7B-B P.31)
7 CUFT 99.49 / 19.37	9634-011MRV (87634-7B P.35)	9634-011MRV-G (87634-7B-G P.35)	9634-011MRV-B (87634-7B-B P.35)
7 CUFT 103.05 / 16.16	9934-011MRV (87934-7B P.37)	9934-011MRV-G (87934-7B-G P.37)	9934-011MRV-B (87934-7B-B P.37)
7 CUFT 108.35 / 16.43	9934F-011MRV (87934-7BF P.37)	9934F-011MRV-G (87934-7BF-G P.37)	9934F-011MRV-B (87934-7BF-B P.37)

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 passanger car

9-4537MRV #9 P.64 | 9-2565MRV #7 P.63 | 9-4129PRV #7 P.63

9-4147PRV #10 P.67 | 9-90135MRV #10 P.67 | 9-1220MRV #9 P.65

9-31124MRV #6 P.61

9-90119MRV #9 P.65 | 9-40104GPV #10 P.67 | 9-40113GPV #10 P.67

9-44214GPV #10 P.67 | 9-90118PRV #10 P.68

235 PC. Tool Trolley Set

7 · 88.15 KG · 15.21 CUFT	934-235MRV (87434-7B P.31)	934-235MRV-G (87434-7B-G P.31)	934-235MRV-B (87434-7B-B P.31)
7 · 90.29 KG · 18.61 CUFT	9634-235MRV (87634-7B P.35)	9634-235MRV-G (87634-7B-G P.35)	9634-235MRV-B (87634-7B-B P.35)
7 · 93.85 KG · 15.4 CUFT	9934-235MRV (87934-7B P.37)	9934-235MRV-G (87934-7B-G P.37)	9934-235MRV-B (87934-7B-B P.37)
7 · 99.15 KG · 15.67 CUFT	9934F-235MRV (87934-7BF P.37)	9934F-235MRV-G (87934-7BF-G P.37)	9934F-235MRV-B (87934-7BF-B P.37)

187 PC. Tool Chest Set

911-004CRV

47.38 CUFT 6.51

9-9077CRV #1 P.58

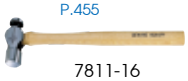
9-42102GPV #2 P.59 | 9-40122GPV #2 P.59 | 9-40112GPV #2 P.59

9-91131MRV #3 P.60

9-91126SRV #3 P.60

9-90145CRV #3 P.60

79093-05C P.455



7811-16 P.442

87411-6B P.45

219 PC. Tool Chest Set

911-000CRV

48.27 CUFT 6.10

9-7069CRV #1 P.58

9-42114GPV #2 P.59 | 9-40102GPV #2 P.59 | 9-2548CRV #2 P.58

9-90129CRV #3 P.60

9-90128SR #3 P.84

9-90138CR #3 P.85

7911-12 P.469

87411-6B P.45

306 PC. Tool Chest Set

919-001CRV

66.01 CUFT 11.05

9-9003MRV01 #6 P.61

9-9040SRV #9 P.64

9-1220MRV #9 P.65

9-90217GRV #6 P.62

9-31110MRV #9 P.66

9-91190CRV #9 P.65

9-91124MRV #6 P.62

79094-08C
P.455

7911-12
P.469

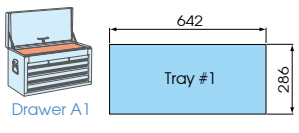
87419-5B P.45

Tool Set Content

9-7069CRV

Tray category #1 (642 x 286mm)

Contents	7.5 kg	1 / 4
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	



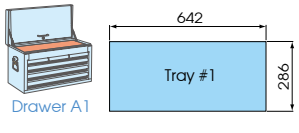
70 PC.

7911-12

9-9077CRV

Tray category #1 (642 x 286mm)

Contents	7.95 kg	1 / 3
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		

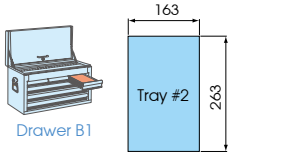


77 PC.

9-2548CRV

Tray category #2 (163 x 263mm)

Contents	1.28 kg	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		

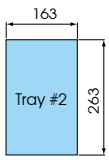


48 PC.

Tool Set Content

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

2 PC.



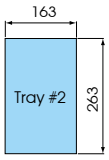
Contents | 1.0 | 1 / 10

6011-10R

6511-10

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

2 PC.



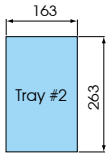
Contents | 0.32 | 1 / 10

68HS-07

68SS-07

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

2 PC.



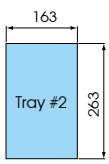
Contents | 0.69 | 1 / 10

6231-08

6311-08

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

2 PC.



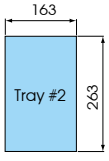
Contents | 0.95 | 1 / 10

6111-08

6011-10R

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

4 PC.



Contents | 0.6 | 1 / 10

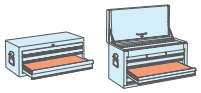
68HS-07

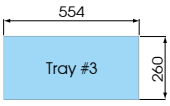
68SS-07

68HB-07

68SB-07

Tool Set Content





9-91126SRV

Tray category #3 (554 x 260mm)

Contents		3.28 kg	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 kg	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.

9-90129CRV

Tray category #3 (554 x 260mm)

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			

29 PC.

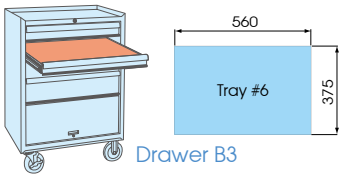
9-90145CRV

Tray category #3 (554 x 260mm)

Contents		4.04 kg	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.

Tool Set Content



9-6314MRV

Tray category #6 (560 x 375mm)

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	

14 PC.

9-9003MRV01

Tray category #6 (560 x 375mm)

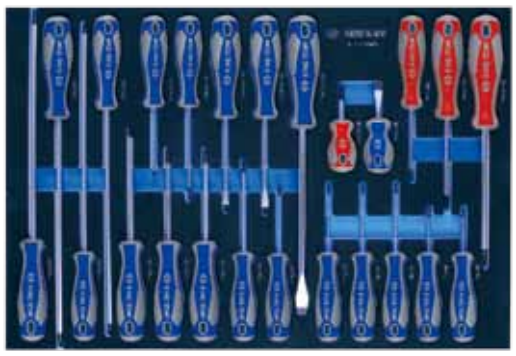
Contents			kg 7.30	1 / 3
	2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		
	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		
	3023	T10,T15,T20,T25,T27,T30,T40,T45,T50		
	3025	H3,H4,H5,H6,H8,H10,H12		
	3235M	10,12,13,14,15,16,17,18,19,21		
	3330M	8,10,11,12,13,14,15,16,17,18,19,20,21,22		
	4330MR	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

103 PC.

9-31124MRV

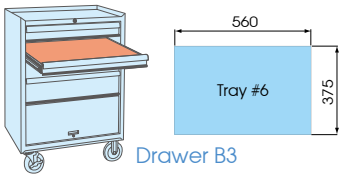
Tray category #6 (560 x 375mm)

Contents			kg 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		



24 PC.

Tool Set Content



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.

9-91124MRV

Tray category #6 (560 x 375mm)

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	
11409SQ	79061-12	

24 PC.

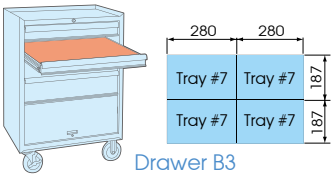
9-90413TQV

Tray category #6 (560 x 375mm)

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

13 PC.

Tool Set Content



Drawer B3

9-2565MRV

Tray category #7 (280 x 187mm)

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

65 PC.

9-4129PRV

Tray category #7 (280 x 187mm)

Contents		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		

29 PC.

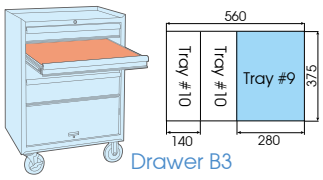
9-4143FRV

Tray category #7 (280 x 187mm)

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

43 PC.

Tool Set Content



9-3544MRV

Tray category #9 (280 x 375mm)

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	

44 PC.

9-4537MRV

Tray category #9 (280 x 375mm)

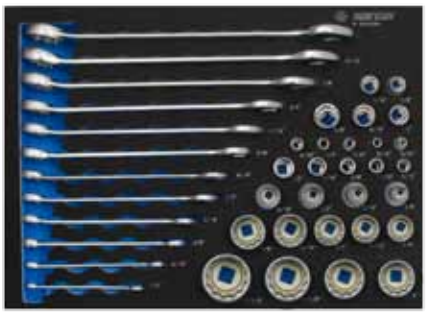
Contents			kg 4.39	1 / 5
○	4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 30, 32		
✪	4375M	E10, E12, E14, E16, E18, E20, E22, E24		
	4779-10GR		4293-02	
	4251-05R 4251-10R		463516R 463521R	
	4791R		463014RC	

37 PC.

9-9040SRV

Tray category #9 (280 x 375mm)

Contents			kg 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		



40 PC.

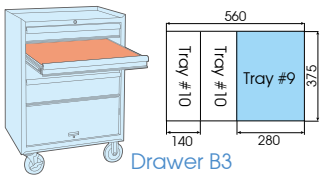
9-1112MRV

Tray category #9 (280 x 375mm)

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

12 PC.

Tool Set Content



Drawer B3

9-1220MRV

Tray category #9 (280 x 375mm)

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.

9-90119MRV

Tray category #9 (280 x 375mm)

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.

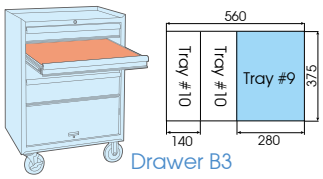
9-91190CRV

Tray category #9 (280 x 375mm)

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	
	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		

90 PC.

Tool Set Content



9-22108MRV

Tray category #9 (280 x 375mm)

Contents	0.89	1 / 5
1160MR	H2, H2.5, H3, H4, H5, H6, H8, H10	

8 PC.

9-30208MRV

Tray category #9 (280 x 375mm)

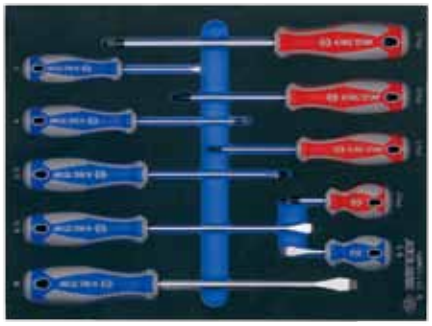
Contents	1.41	1 / 5
1461	PH1 x 75, PH2 x 100, PH3 x 150	
1462	5.5 x 100, 6.5 x 100, 6.5 x 150, 8 x 150, 8 x 175	

8 PC.

9-31110MRV

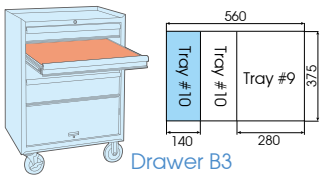
Tray category #9 (280 x 375mm)

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.

Tool Set Content



Drawer B3

9-4147PRV

Tray category #10 (140 x 375mm)

Contents			1.81	1 / 5
	40D0	H6, H8, H10		
	4066	M8, M9, M10, M12, M14		
	4023	T20, T25, T27, T30, T40 T45, T50, T55, T60		

17 PC.

9-4401MPV

Tray category #10 (140 x 375mm)

Contents			2.23	1 / 6
	4945MX	17, 19, 21		
	4535M	17, 19, 32, 34, 36		
	4415M	17, 19, 21		

11 PC.

9-90135MRV

Tray category #10 (140 x 375mm)

Contents			1.81	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 (140 x 375mm)

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

4 PC.

9-40113GPV

Tray category #10 (140 x 375mm)

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

3 PC.

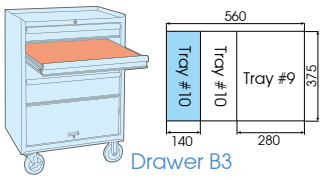
9-44214GPV

Tray category #10 (140 x 375mm)

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

4 PC.

Tool Set Content



9-90118PRV

Tray category #10 (140 x 375mm)

Contents	0.91 kg	1 / 6
76104-05	7821-30	
76217-06 76220-07	76403-05 76404-06 76405-65 76406-07	

8 PC.

9-90305TQV

Tray category #10 (140 x 375mm)

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

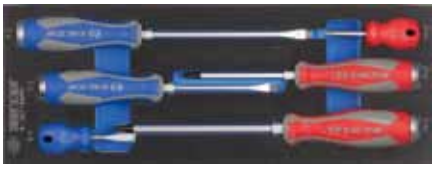
5 PC.

9-30216MRV

new

Tray category #10 (140 x 375mm)

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	



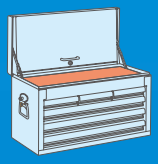
6 PC.

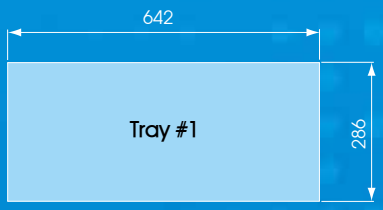
The Way To Fill Your Drawer

How to complete your tool trolley set and tool chest set

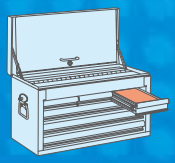
The drawer of tool chest includes one top drawer and different size

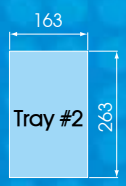
Drawer A1 (646x290 mm)



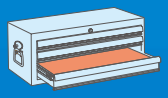


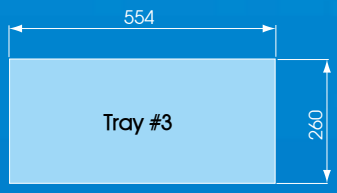
Drawer B1 (172x275 mm)

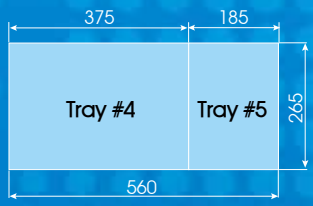


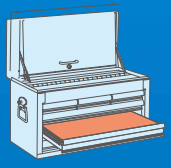


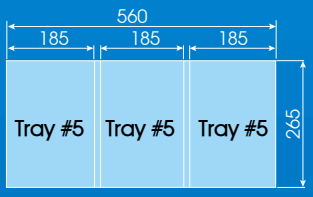
Drawer B2 (572x275 mm)



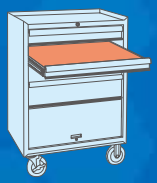


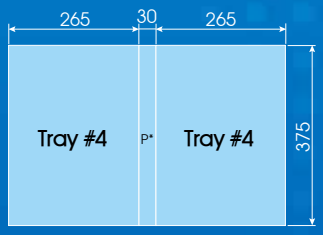


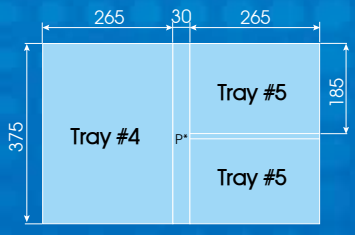


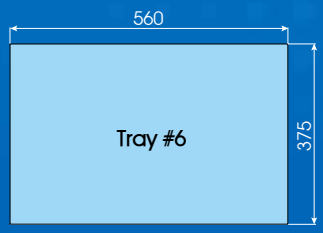


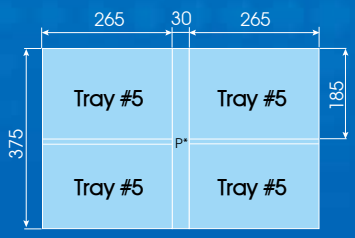
Drawer B3 (579x380 mm)

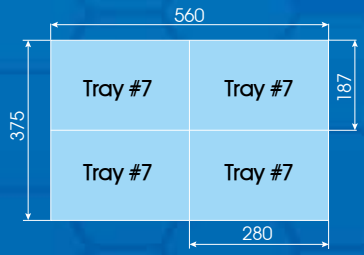


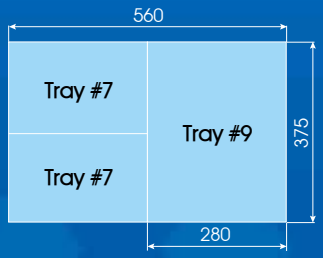


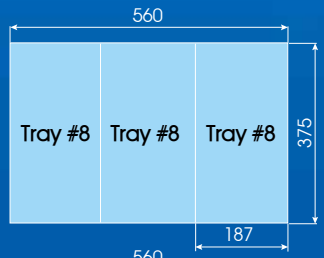


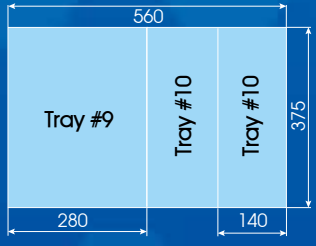


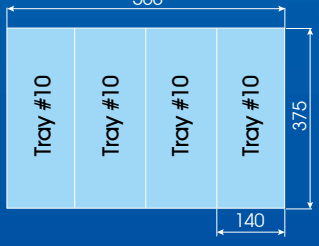












CAUTION

- Do not move the tool 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

101 PC. Tool Trolley Contents

Contents No. 932-009MRD — 19.8 CUFT 2.41

9-4333MR #4 P.87 — 9-4120PR #5 P.97, 9-4119PR #5 P.97

84700612B P*

9-1219MR01 #4 P.90 — 9-1711MR #4 P.91

84700612B P*

9-90106SR #4 P.95 — 9-40103GP #5 P.98

84700612B P*

1110MR P.290

34423-1A P.269

101 PC. Tool Trolley Set

5 — 75.8 CUFT 14.65	932-009MR (87432-5B P.31)	932-009MR-G (87432-5B-G P.31)	932-009MR-B (87432-5B-B P.31)
5 — 78.8 CUFT 18.05	9632-009MR (87632-5B P.35)	9632-009MR-G (87632-5B-G P.35)	9632-009MR-B (87632-5B-B P.35)
7 — 85.94 CUFT 18.05	9634-009MR (87634-7B P.35)	9634-009MR-G (87634-7B-G P.35)	9634-009MR-B (87634-7B-B P.35)
7 — 89.5 CUFT 14.84	9934-009MR (87934-7B P.37)	9934-009MR-G (87934-7B-G P.37)	9934-009MR-B (87934-7B-B P.37)
7 — 94.8 CUFT 15.11	9934F-009MR (87934-7BF P.37)	9934F-009MR-G (87934-7BF-G P.37)	9934F-009MR-B (87934-7BF-B P.37)

144 PC. Tool Trolley Contents

Contents No. 932-010MRD — 17.5 CUFT 1.86

9-4328MR #4 P.86 | 9-5575MR #4 P.88
84700612B P*

9-1216MR01 #4 P.89 | 9-1709MR #4 P.91
84700612B P*

9-90106SR #4 P.95 | 9-31106MR #5 P.98 | 9-40103GP #5 P.98
84700612B P*

34423-1A P.269

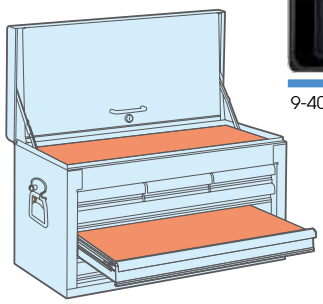
144 PC. Tool Trolley Set

5 — 73.5 kg / CUFT 14.1	932-010MR (87432-5B P.31)	932-010MR-G (87432-5B-G P.31)	932-010MR-B (87432-5B-B P.31)
5 — 76.5 kg / CUFT 17.5	9632-010MR (87632-5B P.35)	9632-010MR-G (87632-5B-G P.35)	9632-010MR-B (87632-5B-B P.35)
7 — 83.64 kg / CUFT 17.5	9634-010MR (87634-7B P.35)	9634-010MR-G (87634-7B-G P.35)	9634-010MR-B (87634-7B-B P.35)
7 — 87.2 kg / CUFT 14.29	9934-010MR (87934-7B P.37)	9934-010MR-G (87934-7B-G P.37)	9934-010MR-B (87934-7B-B P.37)
7 — 92.5 kg / CUFT 14.56	9934F-010MR (87934-7BF P.37)	9934F-010MR-G (87934-7BF-G P.37)	9934F-010MR-B (87934-7BF-B P.37)

170 PC. Tool Trolley Contents

Contents No. 941-101MRD

Kg 24.8 CUFT 2.54



9-4026MR02 #1 P.83

9-3023MR01 #4 P.86

9-2526MR #5 P.97

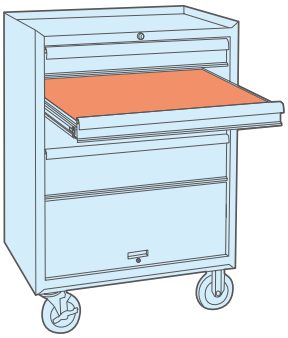
9-22308PR #4 P.95

9-31106MR #5 P.98

9-4120PR #5 P.97

9-4119PR #5 P.97

9-1303MR #5 P.97



9-1711MR #4 P.91

9-1216MR #4 P.89

84700612B P*

9-90103RR #4 P.95

9-20110MR #5 P.98

9-40103GP #5 P.98

84700612B P*

9-4128FR #5 P.98

1010PR P.446

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.45
87432-5B P.31)

9641-101MR
(87411-6B P.45
87632-5B P.35)

9644-101MR
(87411-6B P.45
87634-7B P.35)

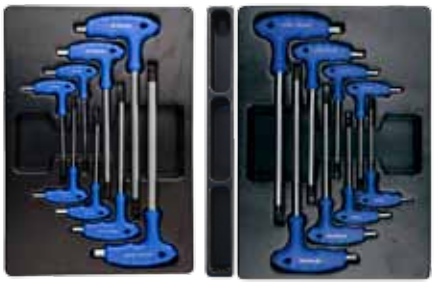
173 PC. Tool Trolley Contents

Contents No. 932-000MRD — Kg 24.7 CUFT 2.10

9-4333MR #4 P.87 | 9-7540MR #4 P.88
84700612B P*

9-1216MR01 #4 P.89 | 9-1711MR #4 P.91
84700612B P*

9-90131MR #4 P.89 | 9-31110MR #4 P.96
84700612B P*



9-22108MR #4 P.95 | 9-22308PR #4 P.95
84700612B P*

9-90103PP #4 P.94 | 9-40207GP #4 P.93
84700612B P*

1006PR #4 P.446

173 PC. Tool Trolley Set

5 — Kg 80.70 CUFT 14.34	932-000MR (87432-5B P.31)	932-000MR-G (87432-5B-G P.31)	932-000MR-B (87432-5B-B P.31)
5 — Kg 83.7 CUFT 17.74	9632-000MR (87632-5B P.35)	9632-000MR-G (87632-5B-G P.35)	9632-000MR-B (87632-5B-B P.35)
7 — Kg 90.84 CUFT 17.74	9634-000MR (87634-7B P.35)	9634-000MR-G (87634-7B-G P.35)	9634-000MR-B (87634-7B-B P.35)
7 — Kg 94.4 CUFT 14.53	9934-000MR (87934-7B P.37)	9934-000MR-G (87934-7B-G P.37)	9934-000MR-B (87934-7B-B P.37)
7 — Kg 99.7 CUFT 14.8	9934F-000MR (87934-7BF P.37)	9934F-000MR-G (87934-7BF-G P.37)	9934F-000MR-B (87934-7BF-B P.37)

173 PC. Tool Trolley Contents

Contents No. 932-008MRD — 20.52 CUFT 2.41

9-4522MR #4 P.87 | 9-3523MR #4 P.86
84700612B P*

9-1219MR01 #4 P.90 | 9-90315MR #4 P.91
84700612B P*

9-91120MR #4 P.93 | 9-31909PR #4 P.96
84700612B P*

9-90103PP01 #4 P.94 | 9-40207GP #4 P.93
84700612B P*

9-4120PR #5 P.97 | 9-31106MR #5 P.98
9-4119PR #5 P.97 | 9-2526MR #5 P.97
84700612B P*

1010PR #4 P.446

9DC23 P.597

173 PC. Tool Trolley Set

5 — 76.52 CUFT 14.65	932-008MR (87432-5B P.31)	932-008MR-G (87432-5B-G P.31)	932-008MR-B (87432-5B-B P.31)
5 — 79.52 CUFT 18.05	9632-008MR (87632-5B P.35)	9632-008MR-G (87632-5B-G P.35)	9632-008MR-B (87632-5B-B P.35)
7 — 86.66 CUFT 18.05	9634-008MR (87634-7B P.35)	9634-008MR-G (87634-7B-G P.35)	9634-008MR-B (87634-7B-B P.35)
7 — 90.22 CUFT 14.84	9934-008MR (87934-7B P.37)	9934-008MR-G (87934-7B-G P.37)	9934-008MR-B (87934-7B-B P.37)
7 — 95.52 CUFT 15.11	9934F-008MR (87934-7BF P.37)	9934F-008MR-G (87934-7BF-G P.37)	9934F-008MR-B (87934-7BF-B P.37)

197 PC. Tool Trolley Contents

Contents No. 934-001MRD — 28.7 CUFT 3.7

9-90408TQ #6 P.99

9-4516MR #4 P.87 | 9-5575MR #4 P.88

84700612B P*

9-1711MR #4 P.91 | 9-1218MR #4 P.90

84700612B P*

9-22108MR #4 P.95 | 9-31909PR #4 P.96

84700612B P*

9-90310MR #4 P.96 | 9-90106SR #4 P.95

84700612B P*

9-90205GN01 #4 P.94

9-4128FR #5 P.98

9-40103GP #5 P.98

84700612B P*

197 PC. Tool Trolley Set

7 — 92.7 KG / 15.94 CUFT	934-001MR (87434-7B P.31)	934-001MR-G (87434-7B-G P.31)	934-001MR-B (87434-7B-B P.31)
7 — 94.84 KG / 19.34 CUFT	9634-001MR (87634-7B P.35)	9634-001MR-G (87634-7B-G P.35)	9634-001MR-B (87634-7B-B P.35)
7 — 98.4 KG / 16.13 CUFT	9934-001MR (87934-7B P.37)	9934-001MR-G (87934-7B-G P.37)	9934-001MR-B (87934-7B-B P.37)
7 — 103.7 KG / 16.4 CUFT	9934F-001MR (87934-7BF P.37)	9934F-001MR-G (87934-7BF-G P.37)	9934F-001MR-B (87934-7BF-B P.37)

69 PC. Tool Chest Set

901-068MR

18.8 CUFT 1.98

9-4338MR #510 x 205mm P.103 (901-069MR use)

9-90121MR #500 x 190mm P.104

87401-3 P.46

901-069MR

18.4 CUFT 1.98

9-4338MR01 #510 x 205mm P.103 (901-068MR use)

9-90104GP #500 x 190mm P.104

9-31006MR #500 x 190mm P.104

74 PC. Tool Chest Set

901-073MR

19.5 CUFT 1.98

9-4338MR03 #510 x 205mm P.103

9-90126MR #500 x 190mm P.104

87401-3 P.46

9-90104GP #500 x 190mm P.104

9-31006MR #500 x 190mm P.104

219 PC. Tool Chest Set

911-000CR

50.5 CUFT 6.10

9-7069CR #1 P.83 (911-000CR use)

911-000CR02

50.8 CUFT 6.10

9-7069CR01 #1 P.83 (911-000CR02 use)

9-90129CR #3 P.85

9-90138CR #3 P.85

9-2548CR #2 P.84 (911-000CR use)

9-2548CR01 #2 P.84 (911-000CR02 use)

9-42114GP #2 P.84

9-40102GP #2 P.84

9-90128SR #3 P.84

7911-12 P.469

87411-6B P.45

107 PC. Tool Chest Set

911-002CR

40.5 CUFT 5.12

4042CR #476 x 282mm P.182

20107SR P.390

20109MR P.390

9-42144GP #4 P.94

9-31106MR #5 P.98

9-90138CR #3 P.85

87411-6B P.45

7811-16 P.442

235 PC. Tool Chest Set

911-003CR

46.16 CUFT 6.10

87411-6B P.45

9-7078CR #1 P.83 (911-003CR use)

9-90220MR #3 P.85 (911-003CR use)

9-90154CR #3 P.86 (911-003CR use)

9-90329CR #3 P.85

911-003CR01

46.16 CUFT 6.10

9-7078CR01 #1 P.83 (911-003CR01 use)

9-90220MR01 #3 P.85 (911-003CR01 use)

9-90154CR01 #3 P.86 (911-003CR01 use)

9-2548CR01 #2 P.84 (911-003CR use)

9-2548CR #2 P.84 (911-003CR01 use)

9-42114GP #2 P.84

9-40102GP #2 P.84

Tool Box Set

902-052MR

87402 P.47-Overall size (mm) : 470 x 220 x 260

52 PC.

Contents	kg 13.18	CUFT 1.22
1060	17, 19	
3611-12R		
9-4116FR P.105		
9-90120MR P.106		
9-4319MR P.105		
9-40203GP P.106		

902-062MR

87402 P.47-Overall size (mm) : 470 x 220 x 260

62 PC.

Contents	kg 14.4	CUFT 1.22
9-4116FR P.105		
9-1217MR P.105		
9-90120MR P.106		
9-30206MR P.106		
9-4319MR P.105		
9-40203GP P.106		

902-164MR

87402 P.47-Overall size (mm) : 470 x 220 x 260

63 PC.

Contents	kg 14	CUFT 1.22
1060	8, 10, 12, 13, 14, 17, 19, 21, 22, 24	
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	
1421	PH1 x 80, PH2 x 38, PH3 x 150	
1422	5.5 x 100, 6.5 x 38, 8 x 175	
6111-07	6311-06	6511-10
7811-16	3611-08R	76104-05
76217-06 76223-08	76403-05 76404-06	76405-65 76406-07
9-4116FR P.105	9-4219MR P.105	

Tool Box Set

902-065MR

902-065MR04

87402 P.47-Overall size (mm) : 470 x 220 x 260

65 PC.

KT NO.	Contents					
				14.7 kg	CUFT 1.22	
902-065MR	9-90115MR P.106	9-4116FR P.105	9-4319MR P.105			
	9-1716MR P.105	1421	PH1 x 80, PH2 x 38, PH3 x 150			
		1422	5.5 x 100, 6.5 x 38, 8 x 175			
902-065MR04	9-1606MR01 P.105	3611-08P	6111-07	76403-05 76404-06 76405-65 76406-07		
	9-90125MR P.106	6311-06	6511-10			
		7811-16	76104-05	76217-06 76223-08		

902-068MR

87402 P.47-Overall size (mm) : 470 x 220 x 260

68 PC.

Contents						
				15.9 kg	CUFT 1.22	
1060	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24					
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10					
1421	PH1 x 80, PH2 x 38, PH3 x 150					
1422	5.5 x 100, 6.5 x 38, 8 x 175					
6111-07	6311-06	6511-10				
7821-30	3611-12P	76104-05				
76217-06 76223-08	76403-05 76404-06	76405-65 76406-07				
7911-12	9-4116FR P.105	9-4319MR01 P.105				

902-084MR01

87402 P.47-Overall size (mm) : 470 x 220 x 260

81 PC.

Contents						
				19.24 kg	CUFT 1.22	
4230M	16, 17, 18, 19, 20, 21, 22, 24, 25, 26					
1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24					
1421	PH1 x 100, PH2 x 150, PH3 x 150					
1422	6.5 x 100, 6.5 x 150, 8 x 150					
6231-07	6311-06	6516-10C				
6031-07R	6463-08C	3611-08R 3611-12R				
7811-16	7851-16	76104-05 76105-06				
76213-04 76215-05 76220-07	76306-05	76403-05 76404-06				
20218MR	9-4116FR03 P.105	9-4319MR07 P.105				

Tool Box Set

902-084SR

87402 P.47-Overall size (mm) : 470 x 220 x 260

84 PC.

Contents		kg 21.55 CUFT 1.22
4230S		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
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, 1-1/16, 1-1/8, 1-1/4
1421		PH1 x 100, PH2 x 150, PH3 x 150
1422		6.5 x 100, 6.5 x 150, 8 x 150
1130SR		3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8
6231-07	6311-06	6516-10C
6031-07R	6463-08C	3611-08R 3611-12R
7811-16	7851-16	76104-05 76105-06
76213-04 76215-05 76220-07	76306-05	76403-05 76404-06

9-4116FR03 P.105 9-4319SR08 P.105

902-089MR01

87402 P.47-Overall size (mm) : 470 x 220 x 260

88 PC.

Contents		kg 19.5 CUFT 1.22
1060		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24
1900		6 x 7, 8 x 10, 11 x 13, 12 x 13, 17x19, 22 x 24
1120MR		H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
1147R		T10H, T15H, T20H, T25H, T27H, T30H, T40H
1421		PH2 x 38, PH3 x 150
1422		3 x 75, 5 x 100
6111-07	6311-06	6516-10C
7821-80	3611-08R	7911-12

1812MR P.309 9-4116FR P.105 9-4319MR01 P.105

902-103MR

87402 P.47-Overall size (mm) : 470 x 220 x 260

103 PC.

Contents		kg 24.8 CUFT 1.22
1060		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32
1120MR		H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
1147R		T10H, T15H, T20H, T25H, T27H, T30H, T40H
1421		PH0 x 60, PH1 x 100, PH2 x 100, PH3 x 150
1422		3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175
6111-07	6311-06	6516-10C
7821-80	3611-12R	7911-12
6231-08	6431-10	6011-10R
76220-07 76226-12	79093-03C	
76402-45 76403-05	76404-06 76405-65	76406-07 76408-08 76412-09 76414-10

1812MR P.309 9-4116FR P.105 9-4319MR01 P.105

Tool Box Set

902-109MR

87402 P.47-Overall size (mm) : 470 x 220 x 260

Contents

kg 24.99 CUFT 1.22

109 PC.

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

6111-07 6311-06 6516-10C 7811-16 3611-12R 7911-12

6231-08 6431-10 6011-10R 76220-07 76226-12 79093-05C

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

9-4116FR P.105

9-4319MR01 P.105

1812MR P.309

1306MR P.296

902-132CR

87402 P.47-Overall size (mm) : 470 x 220 x 260

Contents

kg 24.55 CUFT 1.22

132 PC.

1421	PH0 x 60, PH1 x 100, PH2 x 100, PH3 x 150
1422	3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175

3611-08P 3611-12P 6711-06 79093-03C 20419PR

6111-07 6311-06 6516-10C 7811-12 6011-10R 7911-12

6231-07 76220-07 76104-05 6721-10 7971-07 2121-18

1005GQ P.471

1226MR P.286

1812MR P.309

30617MR P.369

20208MR01 20208SR01 P.388

11205SQ P.464

9-4116FR P.105

9-4319MR01 P.105

908-077CR

87408 P.47-Overall size (mm) : 530 x 220 x 260

Contents

77 PC.

9-90111MR P.107

9-4156PR P.106

9-4029CR P.106

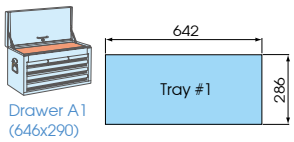
9-30206MR P.106

9-1215MR03 P.107

9-6010MR P.107

KT NO.	SPEC.	kg	CUFT
908-077CR-A	87408	6.7	1.3
908-077CR-D	77 PC. tool box contents	19.82	0.99

Tool Set Content



9-4526MR 9-4026MR02

Tray category #1 (642 x 286mm)

26 PC.

KT NO. | Contents | 4.6 kg | 1 / 5

KT NO.		Contents				
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)

69 PC.

KT NO. | Contents | 8.8 kg | 1 / 4

KT NO.		Contents						
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		
		3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11 /16, 3/4, 13 /16	3452-08F	4452-15FR	4251-05R 4251-10R		
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	4572-10	3221-03 3221-06			
		4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11 /16, 3/4, 13 /16, 7/8, 15/16, 1	3792	4791R	3812	4813	

9-7078CR 9-7078CR01

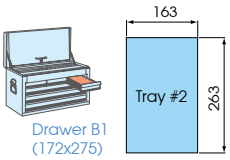
Tray category #1 (642 x 286mm)

78 PC.

KT NO. | Contents | 8.67 kg | 1 / 2

KT NO.		Contents						
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		
		3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16	4462-18F	3221-03 3221-10	4251-05R 4251-10R		
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	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, 1-1/8, 1-1/4					

Tool Set Content



9-2548CR 9-2548CR01

Tray category #2 (163 x 263mm)

9-2548CR 9-2548CR01

48 PC.

KT NO. Contents 1.28 1 / 10

KT NO.		Contents
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 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 2221-02 2221-04
9-2548CR01	2769-55P	

9-40102GP

Tray category #2 (163 x 263mm)

2 PC.

Contents 1.0 1 / 10

6011-10R

6511-10

9-42114GP

Tray category #2 (163 x 263mm)

4 PC.

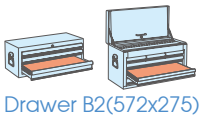
Contents 0.6 1 / 10

68HS-07

68SS-07

68HB-07

68SB-07



9-90128SR

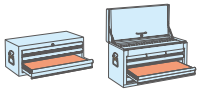
Tray category #3 (554 x 260mm)

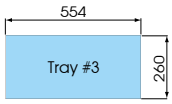
Contents 4.8 1 / 4

28 PC.

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





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)

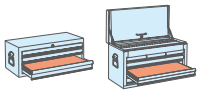
20 PC.

9-90220MR

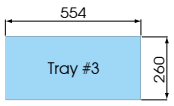
9-90220MR01

KT NO.		Contents		2.51 kg	1 / 4
9-2548CR	14280204 14240204	3025 3023	H3, H4, H5, H6, H8, H10, H12 T30, T40	1421 1422	PH1x80, PH2x100 4x100, 5.5x125, 6.5x150, 8x175
9-2548CR01	14232004 14232504	6111-08 6231-08 6311-08			

Tool Set Content



Drawer B2(572x275)



9-90154CR

9-90154CR01

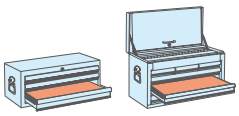
Tray category #3 (554 x 260mm)

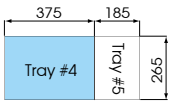
54 PC.

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

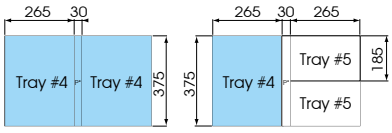
2.86 kg | 1 / 4

- 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 B2(572x275)



Drawer B3(579x380)

9-3523MR

9-3023MR01

Tray category #4 (375 x 265mm)

23 PC.

9-3523MR

9-3023MR01

KT NO.	Contents
9-3523MR	3335M
9-3023MR01	3330M

6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22

1.38 kg | 1 / 10

- 3769-08F
- 3769-08P
- 3221-03, 3221-06
- 3792
- 3452-08F
- 3571-08

9-4328MR

Tray category #4 (375 x 265mm)

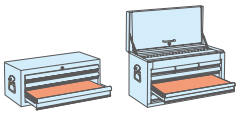
28 PC.

Contents

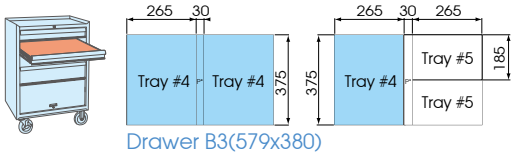
4.6 kg | 1 / 6

- 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

Tool Set Content



Drawer B2(572x275)



Drawer B3(579x380)

9-4333MR

9-4333MR03

Tray category #4 (375 x 265mm)

9-4333MR

9-4333MR03

33 PC.

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

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

4572-10 | 4251-05R, 4251-10R

16 PC.

9-4522MR

Tray category #4 (375 x 265mm)

Contents

2.96 | 1 / 10

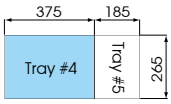
4335MR: 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24

463521R | 463516R | 4791R

4768-10F | 4251-03R, 4251-05R, 4251-10R

22 PC.

Tool Set Content



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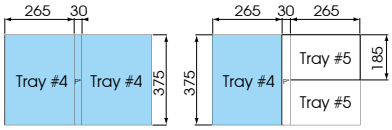


Drawer B3(579x380)

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 3789-11F
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.

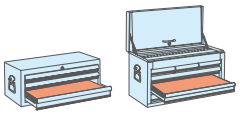
9-93523MR

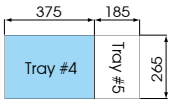
Tray category #4 (375 x 265mm)

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

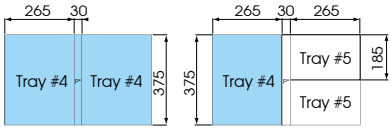
31 PC.

Tool Set Content





Drawer B2(572x275)



Drawer B3(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.

9-91024MR50

Tray category #4 (375 x 265mm)

Contents		2.2	1 / 5
4025	H6, H7, H8, H10, H12		
4036	M8, M10, M12, M14		
4049	M10, M12, M13		
3039	M7, M8, M9		
4813	1/2"F x 3/8"M		
ST20208MY			

24 PC.

9-1205MR

Tray category #4 (375 x 265mm)

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

5 PC.

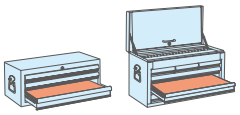
9-1216MR 9-1216MR01 9-1216MR03

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.

Tool Set Content



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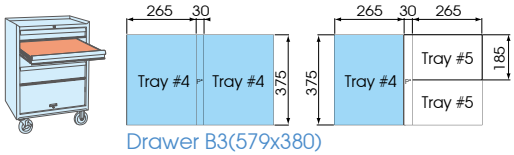


Drawer B3(579x380)

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.

9-1272MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	1.45	1 / 5
1063	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.

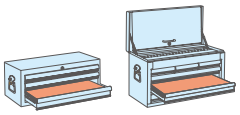
9-1608MR

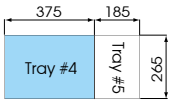
Tray category #4 (375 x 265mm)

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		

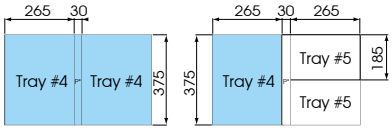
8 PC.

Tool Set Content





Drawer B2(572x275)



Drawer B3(579x380)

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.

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)

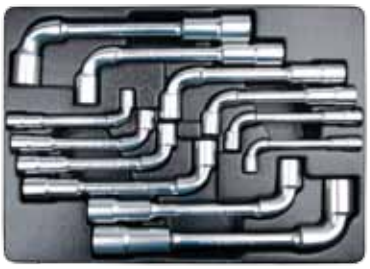
KT NO.		Contents	2.6	1 / 6
	1900	8 x 10, 10 x 12, 12 x 14, 14 x 17, 17 x 19, 21 x 23, 22 x 24		
	1970	8 x 10, 10 x 12, 12 x 14, 14 x 17, 17 x 19, 21 x 23, 22 x 24		
	79093-05C			

15 PC.

9-1812MR 9-1912MR

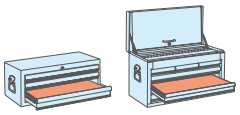
Tray category #4 (375 x 265mm)

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			

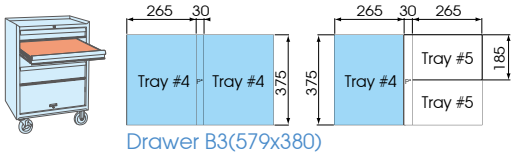


12 PC.

Tool Set Content



Drawer B2(572x275)

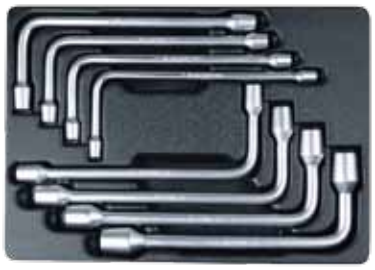


Drawer B3(579x380)

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.

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.

9-10112MR 9-10212MR

Tray category #4 (375 x 265mm)

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.

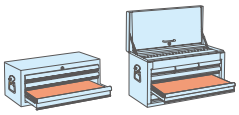
9-10115MR 9-10215MR

Tray category #4 (375 x 265mm)

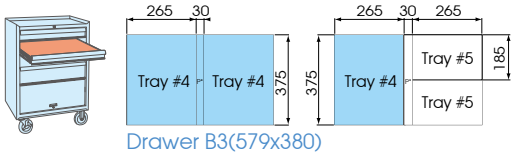
KT NO.		Contents	1.9	1 / 10
9-10115MR	3731M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	373202R	
9-10215MR	3732M		373203R	
			373204R	

15 PC.

Tool Set Content



Drawer B2(572x275)



Drawer B3(579x380)

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.

9-40207GP

9-40207GP01

Tray category #4 (375 x 265mm)

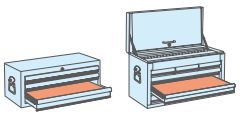
9-40207GP

9-40207GP01

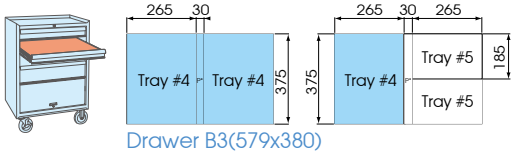
7 PC.

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

Tool Set Content



Drawer B2(572x275)



Drawer B3(579x380)

9-40604GP

Tray category #4 (375 x 265mm)

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

4 PC.

9-42144GP

Tray category #4 (375 x 265mm)

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

4 PC.

9-90205GN / 9-90205GN01

Tray category #4 (375 x 265mm)

5 PC.

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

9-90205GN

9-90205GN01

9-90103PP / 9-90103PP01 / 9-90103PP02

Tray category #4 (375 x 265mm)

9-90103PP

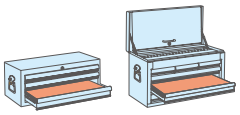
9-90103PP01

9-90103PP02

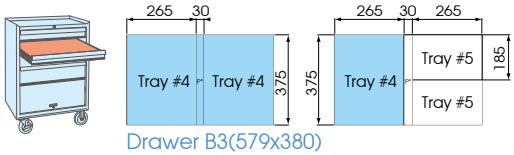
3 PC.

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

Tool Set Content



Drawer B2(572x275)



Drawer B3(579x380)

9-90103RR

Tray category #4 (375 x 265mm)

3 PC.

Contents	2.3 kg	1 / 5
3611-12R	6511-10	7821-30

9-90106SR

Tray category #4 (375 x 265mm)

6 PC.

Contents	2.05 kg	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	1.10 kg	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	1.10 kg	1 / 10
1163R	T10H, T15H, T20H, T25H, T30H, T40H, T45H, T50H		

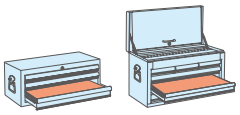
9-30110CR

Tray category #4 (375 x 265mm)

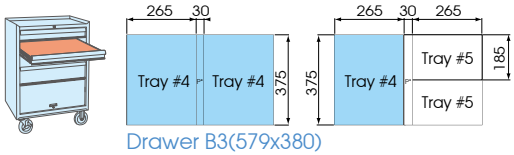
10 PC.

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

Tool Set Content



Drawer B2(572x275)



Drawer B3(579x380)

9-31110MR

Tray category #4 (375 x 265mm)

KT NO.		Contents	1.0	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	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	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

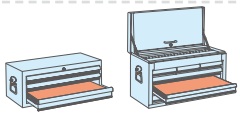
Tray category #4 (375 x 265mm)

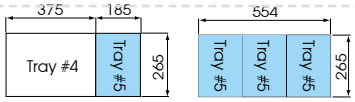
Contents			1.98	1 / 6
⊕	1836P	PH2, PH3		
⊖	1836S	9, 11		
⊕	1880P	PH2, PH3		
⊖	1880S	8, 10		
	1930	8 x 10, 11 x13, 12 x 14		

4112 414810S 3204

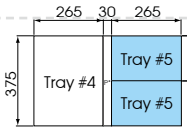
14 PC.

Tool Set Content

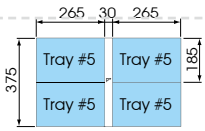




Drawer B2(579x270)



Drawer B3(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.

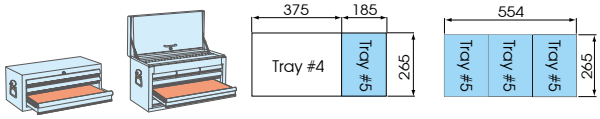
9-1303MR

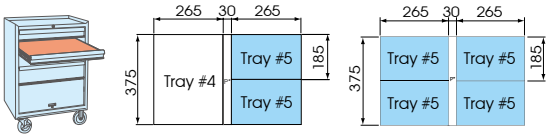
Tray category #5 (265 x 185mm)

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

3 PC.

Tool Set Content





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.

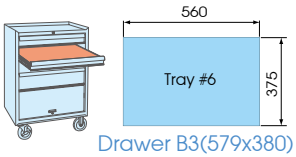
9-20110MR

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 B3(579x380)

9-7576MR

Tray category #6 (560 x 375mm)

Contents						kg 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	
		4251-03 4251-05 4251-10		3221-03 3221-06 3221-10			

76 PC.

9-94435MP

Tray category #6 (560 x 375mm)

Contents						kg 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			kg 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.

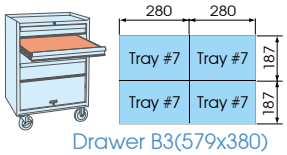
9-90408TQ

Tray category #6 (560 x 375mm)

Contents				kg 2.06	1 / 5
▮	75102-08G	◖	75202-08G		
●	75302-08G	▲	75402-08G		
■	75502-08G		79061-12		
	79093-05C		7911-12		

8 PC.

Tool Set Content



Drawer B3(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.

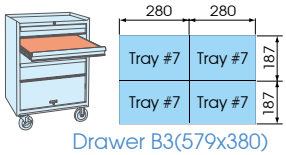
9-4827MP

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 B3(579x380)

9-3602MR

Tray category #7 (280 x 187mm)

12 PC.

Contents — 1.27 kg — 1 / 10

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

9-3612MR

Tray category #7 (280 x 187mm)

12 PC.

Contents — 1.27 kg — 1 / 10

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

9-30904AY

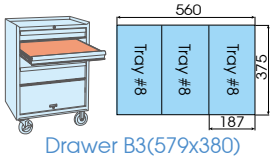
Tray category #7 (280 x 187mm)

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

4 PC.

Contents — 0.43 kg — 1 / 8

43250115Y		43270115Y	
43260115Y		43290115Y	



Drawer B3(579x380)

9-12110MR

Tray category #8 (375 x 187mm)

10 PC.

Contents — 1.89 kg — 1 / 12

3731M	8, 10, 12, 13, 14, 17, 19, 21, 22, 24	

9-90114MR

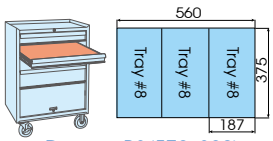
Tray category #8 (375 x 187mm)

14 PC.

Contents — 1.75 kg — 1 / 12

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

Tool Set Content



Drawer B3(579x380)

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		

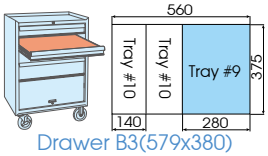
11 PC.

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 B3(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.

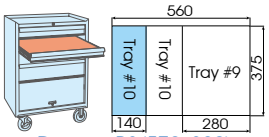
9-4435MP

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 B3(579x380)

9-3421PP Tray category #10 (375 x 140mm)

21 PC.

Contents — 1.63 kg — 1 / 6

3051	PH1, PH2, PH3, PH4
3052	5.5, 8, 10
3053	T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, T60
3761-08F	3571-08
3260-03P	

9-4413PP Tray category #10 (375 x 140mm)

13 PC.

Contents — 2.27 kg — 1 / 6

4053	T20, T25, T27, T30, T40, T45, T50, T55, T60, T70
4572-12	4762-10F
4260-03P	

9-3432MP Tray category #10 (375 x 140mm)

12 PC.

Contents — 1.44 kg — 1 / 6

3055M	H4, H5, H6, H7, H8, H10, H12, H14, H16, H17
3761-08F	3571-08

9-4432MP Tray category #10 (375 x 140mm)

12 PC.

Contents — 2.47 kg — 1 / 6

4055M	H4, H5, H6, H8, H10, H12, H14, H17, H19
4572-12	4762-10F
4260-03P	

Tool Chest Set Content

9-4338MR 9-4338MR01 9-4338MR03 Tray size 510 x 205 mm

▪ For Top drawer of 87401-2 / 87401-3 / 87401-3H P.46

38 PC.

9-4338MR

9-4338MR01 / 9-4338MR03

KT NO. Contents — 5.96 kg — 1 / 5

KT NO.					
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.46

9-90121MR Tray size 500 x 190 mm

21 PC.

Contents		2.1 kg	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	

9-90126MR Tray size 500 x 190 mm

26 PC.

Contents		2.38 kg	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	

9-90104GP Tray size 500 x 190 mm

4 PC.

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

9-31006MR Tray size 500 x 190 mm

6 PC.

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

9-90113MA Tray size 500 x 190 mm

13 PC.

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

Tool Box Set Content

▪ For 87402 only P.47

9-4219MR

Tray size 460 x 105 mm

9-4319MR | 9-4319MR01 | 9-4319MR02 | 9-4319MR05 | 9-4219MR07 | 9-4219SR08

20 PC.

2.5 | 1 / 8

KT NO.	Contents			
9-4219MR	4768-10F	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	4791R
9-4319MR		4335MR		
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	
9-4219MR07	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	

9-4116FR

Tray size 460 x 105 mm

9-4116FR03

6 PC.

2.2 | 1 / 8

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

9-1606MR

Tray size 460 x 105 mm

9-1606MR01

6 PC.

1.1 | 1 / 8

KT NO.	Contents	
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

9-1217MR

Tray size 460 x 105 mm

7 PC.

1.5 | 1 / 8

Contents		
1060	17, 18, 19, 20, 21, 22, 24

9-1716MR

Tray size 460 x 105 mm

6 PC.

1.1 | 1 / 8

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

Tool Box Set Content

▪ For 87402 only P.47

9-90115MR Tray size 460 x 105 mm

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	

9-30106MR Tray size 460 x 105 mm

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	

9-90120MR Tray size 460 x 105 mm

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	

9-30206MR Tray size 460 x 105 mm

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	

9-90125MR Tray size 460 x 105 mm

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	

▪ For 87408 only P.47

9-4029CR Tray size 520 x 93 mm

29 PC.

Contents	kg 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		

9-40203GP Tray size 460 x 105 mm

3 PC.

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

9-4156PR Tray size 520 x 93 mm

6 PC.

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

Tool Box Set Content

▪ For 87408 only P.47

9-6010MR Tray size 510 x 200 mm

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 size 465 x 183 mm

15 PC.

Contents — 3.12 kg — 1 / 2

1060	8, 10, 11, 12, 13, 14, 17, 18, 19, 21, 22, 24, 27, 30, 32

9-90111MR Tray size 520 x 93 mm

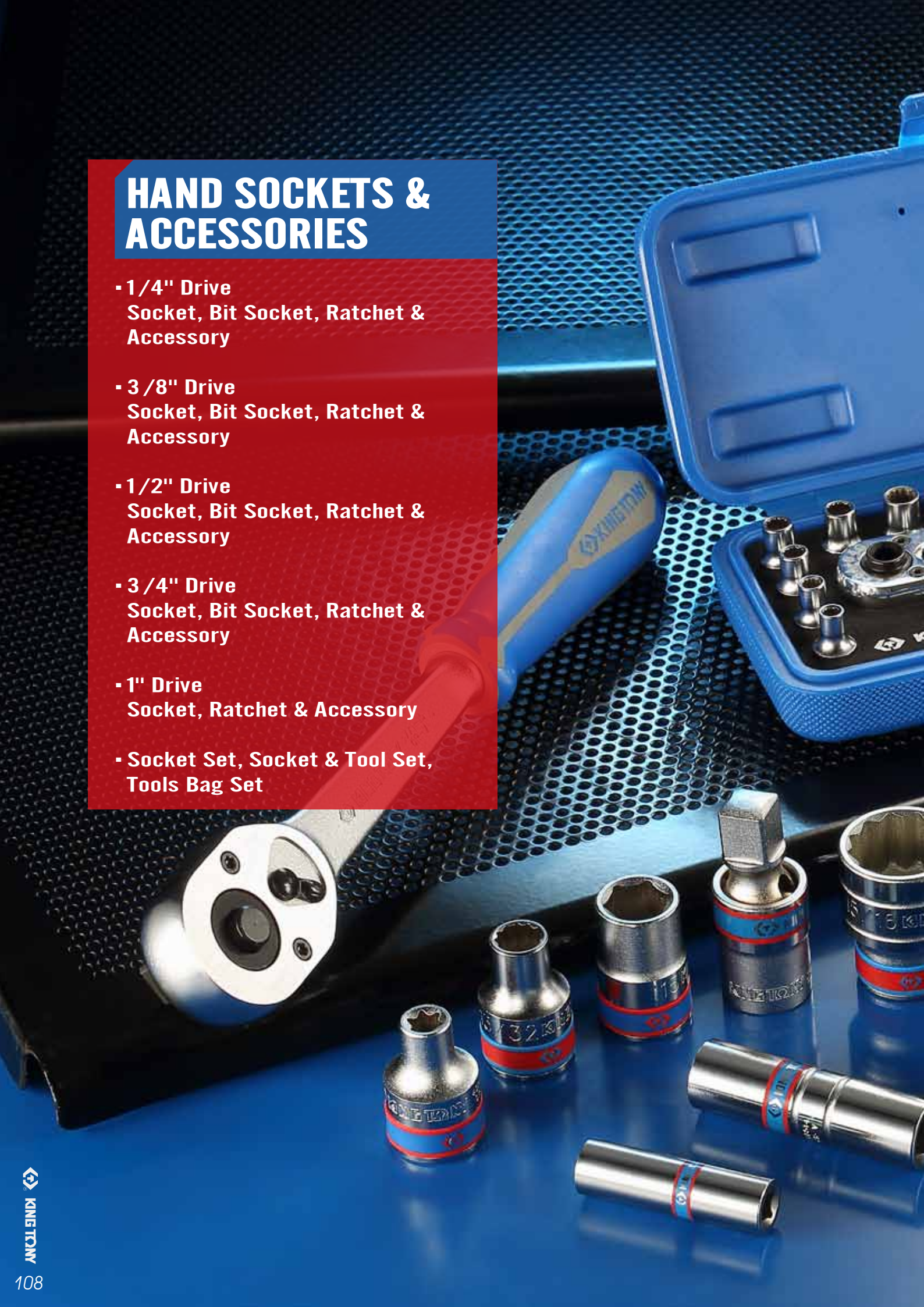
11 PC.

Contents — 1.25 kg — 1 / 5

1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
3611-10P	6511-10C

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



KING TONY
2178TG
2221-04
KING TONY
2025MRE01
T40
T45

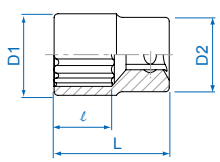
Standard Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

2330M 1/4"

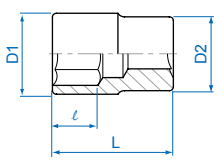
▪ DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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

2335M 1/4"

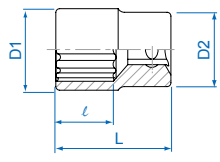
▪ DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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

2330S 1/4"

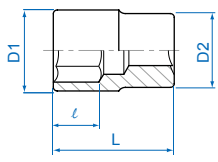
▪ ANSI/ASME B107.1



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
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

2335S 1/4"

▪ ANSI/ASME B107.1



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
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

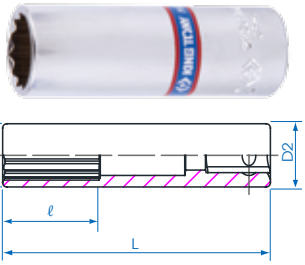
Deep Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

2230M 1/4"

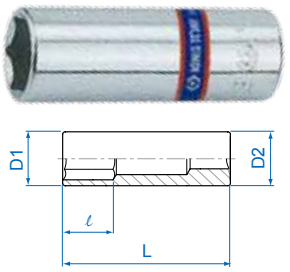
▪ DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
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	11.9	11.8	15	50	24	20 / 320
223009M	9	13.1	13.0	15	50	30	15 / 240
223010M	10	14.6	14.5	15	50	38	15 / 240
223011M	11	15.9	15.8	21	50	44	15 / 240
223012M	12	16.9	16.8	21	50	53	15 / 300
223013M	13	17.9	17.8	21	50	51	15 / 240
223014M	14	19.9	19.8	21	50	67	15 / 240

2235M 1/4"

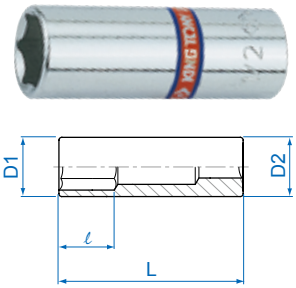
▪ DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
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 / 300
223513M	13	17.8	17.8	21	50	51	15 / 240
223514M	14	19.8	19.8	21	50	68	15 / 240

2235S 1/4"

▪ ANSI/ASME B107.1

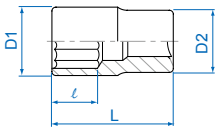


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
223505S	5/32	6.8	11.8	6	50	24	20 / 320
223506S	3/16	7.9	11.8	7	50	24	20 / 320
223507S	7/32	8.7	11.8	9	50	25	20 / 320
223508S	1/4	9.5	11.8	9	50	25	20 / 320
223509S	9/32	10.3	11.8	15	50	25	20 / 320
223510S	5/16	11.8	11.8	15	50	24	20 / 320
223511S	11/32	13.0	13.0	15	50	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

Double Square Socket

2310M 1/4"

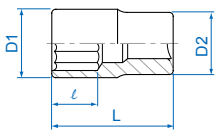
▪ DIN 3120



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
231008M	8	14.3	13.0	9	24	14	12 / 360
231010M	10	17.6	16.5	9	24	14	12 / 360

2310S 1/4"

▪ ANSI/ASME B107.1



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

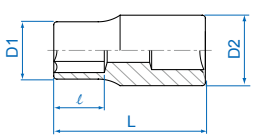
Star Socket

- Chrome vanadium steel
- Polished, chrome plated

KT No. & D1

2375M 1/4"

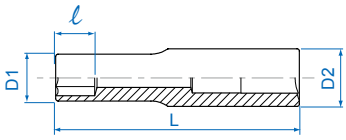
▪ DIN 3120



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
237504M	E4	6.0	11.8	3.6	24	13	20 / 360
237505M	E5	7.0	11.8	4.0	24	13	20 / 360
237506M	E6	8.0	11.8	6.0	24	13	20 / 360
237507M	E7	8.5	11.8	7.0	24	13	20 / 360
237508M	E8	9.8	11.8	8.0	24	13	20 / 360
new 237510M	E10	11.8	11.8	9.0	24	13	20 / 360

2275M 1/4"

▪ DIN 3120



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
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

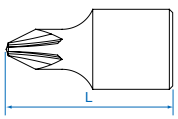
Bit Socket

- Bit Socket made from silicon alloy steel (S2)
- Polished, chrome plated
- Mini type

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

2011X 1/4"

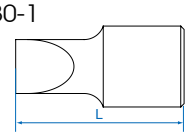
▪ Phillips head
▪ DIN ISO 8764-1



KT NO.	No.	L mm		
201101X	PH1	25	9.0	20 / 600
201102X	PH2	25	10.0	20 / 600
201103X	PH3	25	10.5	20 / 600
201104X	PH4	25	12.0	20 / 600

2012X 1/4"

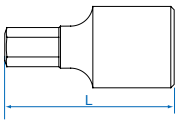
▪ Slotted head
▪ DIN ISO 2380-1



KT NO.	Tip width mm	Tip thickness mm	L mm		
201235X	3.5	0.6	25	8	20 / 600
201255X	5.5	1	25	9	20 / 600
201208X	8	1.2	25	10	20 / 600

2015X 1/4"

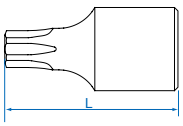
▪ Hexagon head
▪ DIN ISO 2380-1



KT NO.	mm	L mm		
201503MX	H3	25	8.5	20 / 600
201504MX	H4	25	9	20 / 600
201505MX	H5	25	10	20 / 600
201506MX	H6	25	10.5	20 / 600
201508MX	H8	25	12	20 / 600
201510MX	H10	25	12.5	20 / 600
new 201504SX	1/8	25	8.5	20 / 600
new 201506SX	3/16	25	9	20 / 600
new 201507SX	7/32	25	10	20 / 600
new 201508SX	1/4	25	10.5	20 / 600
new 201510SX	5/16	25	12	20 / 600
new 201512SX	3/8	25	12.5	20 / 600

2013X 1/4"

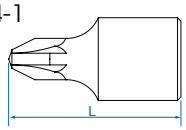
▪ For torx internal screw



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	8.5	20 / 600
201325X	T25	25	9	20 / 600
201327X	T27	25	9	20 / 600
201330X	T30	25	9.5	20 / 600
201340X	T40	25	10.5	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

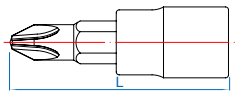
Bit Socket

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

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

2031 1/4"

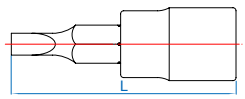
- Phillips head
- DIN ISO 8764-1



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"

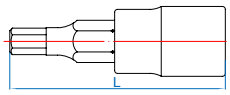
- Slotted head
- DIN ISO 8764-1



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"

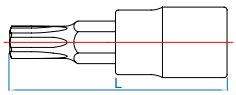
- Hexagon head
- DIN 7422/3120



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"

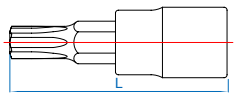
- For torx internal screw
- DIN 3120



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	Overall length 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

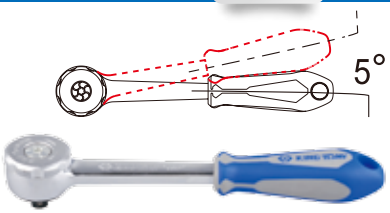
2755

FINE GEAR 1/4"

- Reversible ratchet
- 5° gear action degree (72 teeth)
- DIN3122

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

2755DK



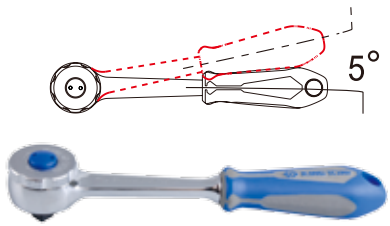
2756 new

FINE GEAR 1/4"

- Reversible ratchet
- 5° gear action degree (72 teeth)
- DIN3122

KT NO.	Overall length inch	Overall length mm	g	
2756-55G	5-1/2	140	120.0	5 / 90
2756DK	renewal kits		-	-

2756DK



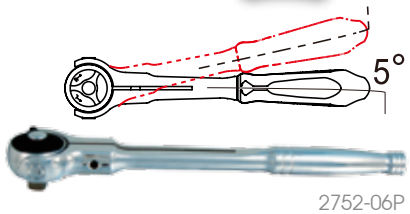
2752

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	Overall length mm	g	
2752-06P	6	150	141	6 / 108
2752-06G	6	150	127	6 / 108
2752DK	renewal kits		-	-

2752DK



2752-06P

quick release

2752-06G

2752-45G

FINE GEAR 1/4"

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

KT NO.	Overall length inch	Overall length mm	g	
2752-45G	4-1/2	114	123.8	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 1/4"

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

KT NO.	Overall length inch	Overall length mm	g	box/box
2761-55F	5-1/2	140	169.0	6 / 108
2761-55P	5-1/2	140	158.0	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	Overall length mm	g	box/box
2769-55F	5-1/2	140	126.0	6 / 108
2769-55P	5-1/2	140	125.0	6 / 108
2769DK	renewal kits		-	-

2769DK

2769-55F

2769-55P

2771 1/4"

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

KT NO.	Overall length inch	Overall length mm	g	box/box
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

2779 1/4"

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

KT NO.	Overall length inch	Overall length mm	g	box/box
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

2781 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	box/box
2781-06F	6	150	155	6 / 108
2781-06P	6	150	148	6 / 108
2781DK	renewal kits		-	-

2781DK

2781-06F

2781-06P

Ratchet

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

KT No. & D1

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	
2789-06F	6	150	140	6 / 108
2789-06P	6	150	140	6 / 108
2789DK	renewal kits		-	-

2789DK

2789-06F

2789-06P

2760 — MINI RATCHET — 1/4"

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

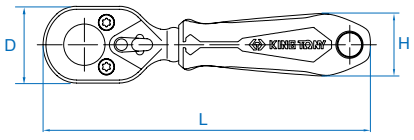
KT NO.	Overall length inch	Overall length mm	g	
2760-04	4	100	73.4	8 / 128
2760DK	renewal kits		-	-

2760DK

2760-04

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	
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

2765-04G

276ADK

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	5 / 60
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.

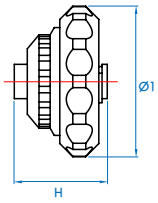
Contents	0.26	6 / 36
2335M	5, 5.5, 6, 7, 8	
1025P	PH1, PH2	
1025T	T10, T15, T20	
1025H	H3, H4, H5, H6	
276A-04G		

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



Accessory

- 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

2223 1/4"

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

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

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

2293 1/4"

- Munti-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	
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

Accessory

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

2311 1/4"

- Flexible extension bar

KT No. & D1

KT NO.	Overall length inch	Overall length mm	g	
2311-06	6	150	68	12 / 240
2311-12	12	300	92	12 / 120
2311-18	18	450	120	20 / 200

2312 1/4"

- Flexible extension bar

KT No. & D1

KT NO.	Overall length inch	Overall length mm	g	
2312-06	6	150	59.6	12 / 240

2792 1/4"

- Universal joint
- DIN 3123

KT No. & D1

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

2813 1/4"

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

KT No. & D1

3/8" drive (M) ← 1/4" drive (F)

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

213312DF 1/4"

- Screwdriver driver
- DIN 3126

KT No. & D1

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

2177DF 1/4"

- Spinner handle
- DIN 3122

KT No. & D1

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

2178AE 2178DF 1/4"

- Spinner handle
- DIN 3122

KT No. & D1

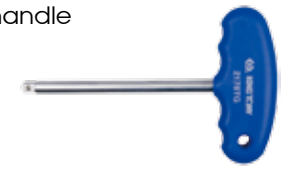
2178AE (Polycarbonates)

2178DF (PP + TPR)

KT NO.	Overall length inch	Overall length mm	g	
2178AE	6	150	76	6 / 120
2178DF	6	150	75	6 / 120

2178TG 1/4"

- Spinner handle
- DIN 3122



KT No. & D1

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

2452 1/4"

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

KT No. & D1

2452DK

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

2453 new 1/4"

- 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

2452DK

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

Accessory

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

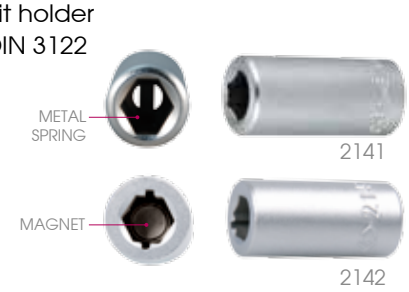
2571 1/4"

- Sliding T-handle
- DIN 3122

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

2141 2142 1/4"

- Bit holder
- DIN 3122



KT NO.	Size inch	Overall length mm	g	
2141	1/4	25	14	20 / 360
2142	1/4	25	14.2	20 / 360

Socket Rail Set

2509MR 1/4"

- Socket rail 150mmL

Contents	kg	
	0.17	50

2335M	4, 5, 6, 7, 8, 9, 10, 11, 13
8720609	

2509SR 1/4"

- Socket rail 150mmL

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	

2127PR 1/4"

- Socket rail 130mmL

Contents	kg	
	0.15	50

2035	H3, H4, H5, H6, H7, H8, H10
8720507	

2109PR 1/4"

- Socket rail 150mmL

Contents	kg	
	0.12	50

2033	T8, T9, T10, T15, T20, T25, T27, T30, T40
8720609	

2107PR 1/4"

- Socket rail 130mmL

Contents	kg	
	0.12	50

2037	T10H, T15H, T20H, T25H, T27H, T30H, T40H
8720507	

2119PR 1/4"

- Socket rail 150mmL

Contents	kg	
	0.12	50

2037	T8H, T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H
8720609	

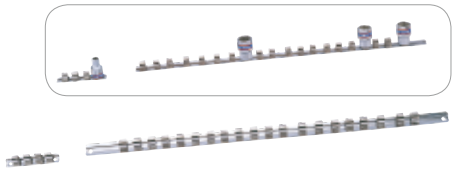
Socket Rail

872 1/4"

- Rail length from 160 mm to 560 mm

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

Customer Selected



Extension Bar Set

2104PR 1/4"

4 PC.

Contents — 0.17 kg — 1 / 80

	2221	2", 3", 4", 6"

2113PR new 1/4"

- Extension bar
- DIN 3122

3 PC.

Contents — 0.21 kg — 35

	2221	3", 6", 10"

Socket Set

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.

KT NO.		Contents	Kg 1.10	1 / 18
2516MR	○ 2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13	2779-55G, 2221-04, 2178AE, 2571-45, 2792	
2516SR	○ 2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2		

2518MR

2518SR

2518MR01 1/4"

Metal case size (mm):
198x105x32 (0.023cuft)

18 PC.

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

Socket Set

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

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

2019MR/2519MR

2019SR/2519SR

18 PC.

KT NO.

Contents

0.92 | 1 / 20

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

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, 2571-45, 2452-05F, 2792, 2141
2521MR	○	2335M		

Socket Set

2025MRE01 1/4"

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

26 PC.

Contents — 0.6 kg — 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 kg — 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 kg — 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.

KT NO. | Contents | 1.30 | 1 / 18

KT NO.			Contents
2526CR	○	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.

KT NO. | Contents | 1.30 | 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, 2452-05F, 2221-02, 2221-02, 2792, 2571-45

Socket Set

2031MR / 2531MR 1/4"

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

31 PC.

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	2779-55G	2221-03 2221-06	
2531MR	2335M		2035	H3, H4, H5, H6, H8, H10	2178AE	2792	
					2571-45		

1.60 | 1 / 15

2539MR 1/4"

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

39 PC.

Contents				
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	2178AE			
2571-45	2221-02 2221-04	2792		

1.52 | 1 / 15

2540MR 1/4"

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

39 PC.

Contents				
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		

1.36 | 1 / 12

Socket Set

2044SRV

2544SRV

EVA Tray #10 1/4"

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

2044SRV

2544SRV

44 PC.

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	
2544SRV	2335S		1025S	3, 4.5, 5, 6.5, 8		2792	
			1025P	PH0, PH1, PH2, PH3		2223-02 2223-04	
			5025H	H3/64, H1/16, H5/64, H3/32, H7/64, H1/8, H9/64, H5/32		2752-06G	
						2178DF	

2048MRV

2548MRV

EVA Tray #10 1/4"

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

2048MRV

2548MRV

48 PC.

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	
2548MRV	2335M		1025S	3, 4.5, 5, 6.5, 8		2792	
			1025P	PH0, PH1, PH2, PH3		2223-02 2223-04	
			1025H	H3, H4, H5, H6, H7, H8, H10		2178DF	
						2752-06G	

Socket Set

2550MRV

EVA Tray #8 1/4"

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

50 PC.

Contents		kg 2.2	1 / 6
2335M		4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
2375M		4, 5, 6, 7, 8	
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	

2553MRV

EVA Tray #10 1/4"

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

53 PC.

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

Socket Set

2551MR | 2551MR01 | 1/4"

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

2551MR

2551MR01

51 PC.

KT NO.		Contents		
				1.30 / 1 / 18
2551MR	2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2755-55G	2178DF, 7702-25, 2223-02, 2223-04
	1025S	3, 4, 5, 6		
	1025P	PH1, PH2 x 2, PH3		
	1025H	H3, H4, H5, H6		
2551MR01	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H	2761-55F	2813, 753-63, 2142, 2792
	1025Z	PZ1, PZ2 x 2, PZ3		
	1025T	T10, T15, T20, T25, T27, T30, T40		

2575MR | 1/4"

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

Contents		1.24 / 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	2178AE	2142

45 PC.

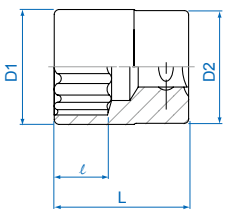
Standard Socket

- Chrome vanadium alloy steel,
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

3330M 3/8"

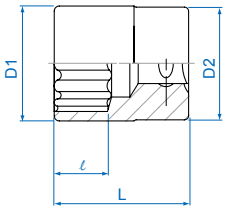
▪ DIN 3124, ISO 2725-1



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
333024M	24	31.8	26.0	17.0	32	78	8 / 160

3330S 3/8"

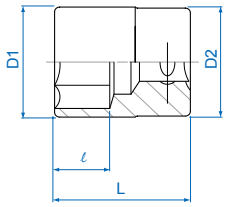
▪ ANSI/ASME B107.1



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 3/8"

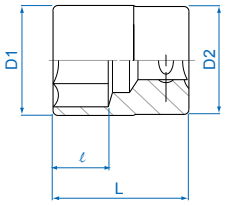
▪ DIN 3124, ISO 2725-1



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

3335S 3/8"

▪ ANSI/ASME B107.1



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

Deep Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

3230M 3/8"

▪ DIN 3124, ISO 2725-1

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

3230S 3/8"

▪ ANSI/ASME B107.1

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
323008S	1/4	10.0	16.8	10.0	63	50.4	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

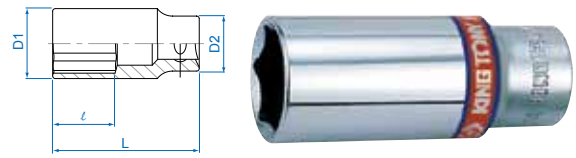
3235M 3/8"

▪ DIN 3124, ISO 2725-1

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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

3235S 3/8"

▪ ANSI/ASME B107.1



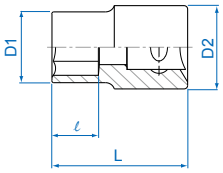
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
323508S	1/4	10.0	16.8	10.0	63	50.4	20 /320
323510S	5/16	12.0	17.8	12.0	63	52	18 / 288
323512S	3/8	14.0	17.8	12.0	63	60	15 / 240
323514S	7/16	15.8	17.8	15.0	63	68	15 / 240
323516S	1/2	17.8	16.8	15.0	63	68	15 / 240
323518S	9/16	19.7	18.0	16.0	63	72	12 / 192
323520S	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

KT No. & D1

3375M — 3/8"

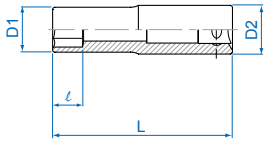
- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120



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"

- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	
327504M	E4	6.0	16.8	3.6	63	46	20 / 400
327505M	E5	7.0	16.8	4.0	63	48	20 / 400
327506M	E6	8.0	16.8	5.0	63	49	20 / 400
327507M	E7	8.9	16.8	6.0	63	51	20 / 320
327508M	E8	10.0	16.8	6.5	63	53	20 / 320
327510M	E10	12.0	16.8	7.0	63	57	18 / 288
327511M	E11	12.8	16.8	8.0	63	59	18 / 288
327512M	E12	14.3	16.8	9.0	63	62	18 / 288
327514M	E14	15.9	16.8	9.5	63	68	15 / 240
327516M	E16	17.8	17.8	10.5	63	85	15 / 240
327518M	E18	19.8	19.8	11.0	63	90	10 / 160

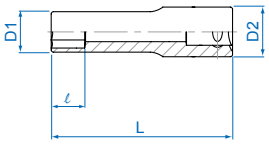
Thin Wall Deep Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

3215M — 3/8"

- Specifically for heat plug, glow plug



Thin walled design (D1)

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

Spark Plug Socket

KT No. & D1

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

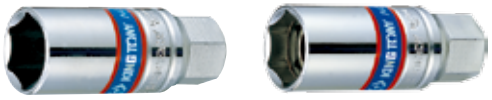
- 6 / 12 points
- Size combined- 16.0mm (5/8") - 20.8mm (13/16")
- Inside sleeve - rubber / magnet
- DIN 3120

KT NO.	Type	Size inch	Size mm	D mm	L mm	g	
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

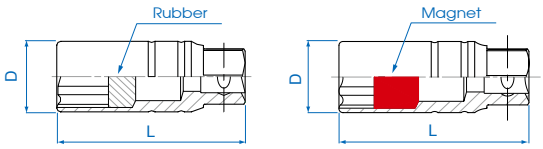
363016 366016

363021 366021

363516 366516



363521 366521



36A0 | 36A5 | 3/8"

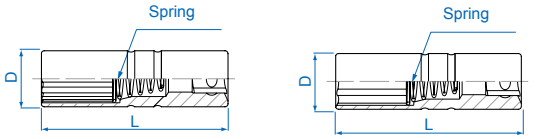
- 6 / 12 points
- Size combined - 14.0mm, 18.0mm
- Inside sleeve - spring
- DIN 3120

Spring

KT NO.	Type	Size mm	D mm	L mm	g	
36A014	12 points	14.0	18.5	63	65.4	12 / 192
36A018	12 points	18.0	23.8	63	98.0	8 / 128
36A514	6 points	14.0	18.5	63	69.4	12 / 192
36A518	6 points	18.0	23.8	63	98.2	8 / 128

33A018 36A518

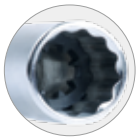
36A014 36A514



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



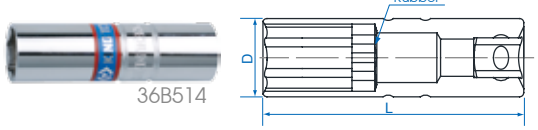
rubber

KT NO.	Type	Size mm	D mm	L mm	g	
36B514	6 points	14.0	18.5	63	80.3	12 / 192
36B014	12 points	14.0	18.5	63	80.3	12 / 192
36B018	12 points	18.0	24.7	65	106.5	8 / 128
36C014	12 points	14.0	18.5	90	112.8	12 / 144
36D014	12 points	14.0	18.5	250	291.4	6 / 54

36B014 36C014

36B018 36D014

Rubber



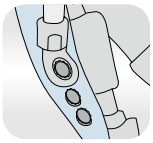
Flexible Ring Socket Wrench & Set

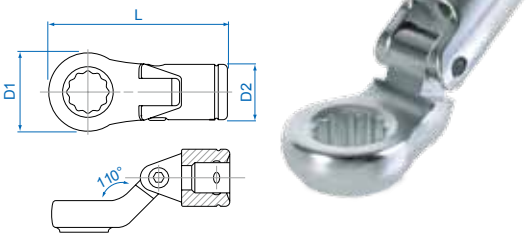
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

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	
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

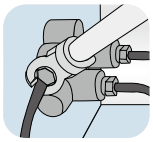
Flexible Crowfoot Socket Wrench & Set

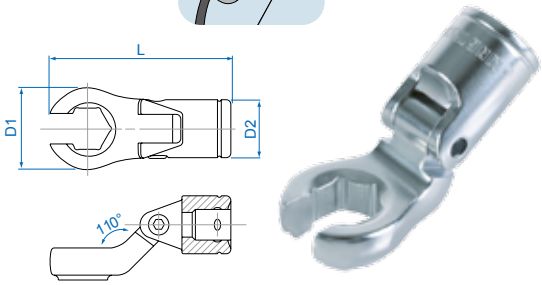
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

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	
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

3602MR — 3/8"

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

12 PC.

Contents	kg 1.89	1 / 10
3350M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

3612MR — 3/8"

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

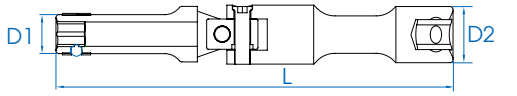
12 PC.

Contents	kg 1.89	1 / 10
3351M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

Glow Plug Socket & Set

3785MR — 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	g	
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 — kg 1.23 — 1 / 10

3785M	8, 9, 10, 12, 14, 16

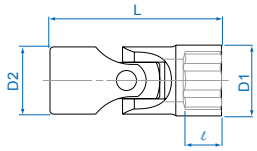
Universal Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

3750M — 3750S — 3/8"

- DIN 3120



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
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

Bit Socket

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

KT No. & D1

CAUTION

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

3025 3/8"

- Hexagon head
- DIN 7422/3120

KT NO.	mm	Overall length mm		
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		
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

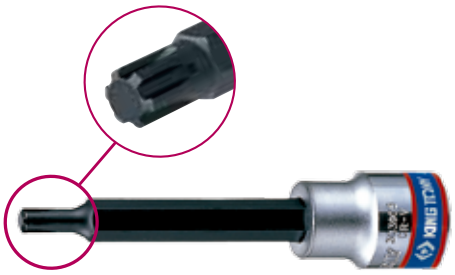
3027 3/8"

- For tamper resistant torx screw
- DIN 3120

KT NO.	mm	Overall length mm		
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		
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		
302D08	IPR8	50	33.2	20 / 400
302D09	IPR9	50	33.2	20 / 400
302D10	IPR10	50	34.0	20 / 400
302D15	IPR15	50	34.0	20 / 400
302D20	IPR20	50	34.0	20 / 400
302D25	IPR25	50	34.0	20 / 400
302D27	IPR27	50	34.0	20 / 400
302D30	IPR30	50	34.8	20 / 400
302D40	IPR40	50	38.8	20 / 400
302D45	IPR45	50	38.8	20 / 400
302D50	IPR50	50	40.0	20 / 400
302D55	IPR55	50	47.4	15 / 300
302D60	IPR60	50	51.2	12 / 240

Ratchet

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

KT No. & D1

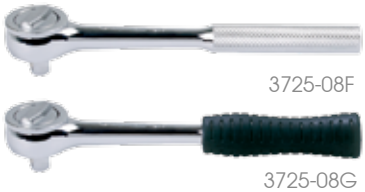
3725

FINE GEAR 3/8"

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

KT NO.	Overall length inch	Overall length 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

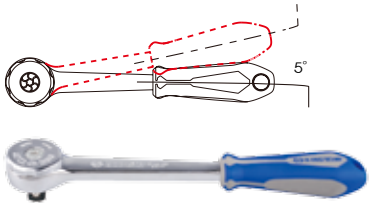
3755

FINE GEAR 3/8"

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

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

3755DK



3755-08G

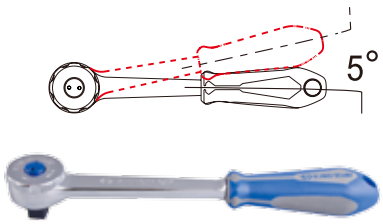
3756 new

FINE GEAR 3/8"

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

KT NO.	Overall length inch	Overall length mm	g	pcs / box
3756-08G	8	200	387.0	2 / 40
3756DK	renewal		-	-

3756DK



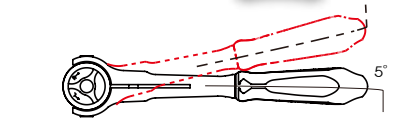
3752

FINE GEAR 3/8"

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

KT NO.	Overall length inch	Overall length mm	g	pcs / box
3752-09P	9	235	409	2 / 32
3752-09G	9	235	378	2 / 32
3752DK	renewal kits		-	-

3752DK



3752-09P

quick release

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	Overall length mm	g	pcs / box
3760-45	4-3/8	110	120.2	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

FINE GEAR 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	358.0	2 / 40
3761-08P	8	200	333.0	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	358.0	2 / 40
3769-08P	8	200	358.0	2 / 40
3769DK	renewal kits		-	-

3769DK

3769-08F

3769-08P

3771

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

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

3781

3/8"

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

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

3781DK

3781-11F

3781-11P

Ratchet

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

KT No. & D1

3789 — 3/8"

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

KT NO.	Overall length inch	Overall length mm	g	
3789-11F	11	280	480	2 / 40
3789-11P	11	280	490	2 / 40
3789DK	renewal kits		-	-

3789DK

3789-11F

3789-11P

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	Overall length 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	Overall length mm	g	
3223-14	1-1/2	38	41	12 / 360
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

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

1.offset extension bar
or
2.extension bar

Accessory

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

3311 — 3/8"

- Flexible extension bar
- DIN 3120

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

KT No. & D1

3452 — 3/8"

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

KT NO.	Overall length inch	Overall length mm	g	pcs / box
3452-08F	8	205	259	4 / 80
3452-08G	8	205	278	2 / 40
3452-10F	10	250	319	4 / 80
3452-10G	10	250	325	4 / 48

3452DK

3452-08F
3452-10F

3452-08G
3452-10G

KT No. & D1

3571 — 3/8"

- Sliding T-handle
- DIN3122

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

KT No. & D1

3792 — 3/8"

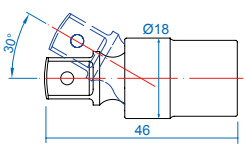
- Universal joint
- DIN3123

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

KT No. & D1

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	pcs / box
3794	1-4/5	46	45	15 / 300

Accessory

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

KT No. & D1

3812 | 3814 | 3/8"

- Adapter
- Convert to 1/4" drive or 1/2" drive
- 3812→Max. torque:81 Nm
- DIN 3123, ISO3316

KT NO.	Spec.	g	
3812	3/8"Fx1/4"M	31.5	12 / 192
3814	3/8"Fx1/2"M	47	12 / 360

3812 / 3814

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 | 3513MR | 3/8"

- Socket rail 290mmL

13 PC.

KT NO.		Contents	kg 0.52 / 35
3013MR	3330M	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	8731213
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	
3513MR	3335M	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

Socket Rail Set

3508MR10 3/8"

- Socket rail 210mmL

8 PC.

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

3106PR 3/8"

- Socket rail 150mmL

6 PC.

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

3116PR 3/8"

- Socket rail 150mmL

6 PC.

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

3121PR 3/8"

- Socket rail 290 mmL

11 PC.

Contents	0.32	35
3375M	E4, E5, E6, E7, E8, E10, E11, E12, E14, E16, E18	
8731213		

3105PR 3/8"

- 3/8" + 1/2" drive ribe bit socket set
- Socket rail 150mmL

5 PC.

Contents	0.75	30
3039	M7, M8	
4049	M10, M12, M13	
8740606		

3108PR8 3/8"

- Socket rail 210mmL

8 PC.

Contents	0.34	50
3025	H3, H4, H5, H6, H7, H8 H10, H12	
8730808		

Socket Rail Set

3118PR 3/8"

- Socket rail 210mmL

Contents	0.34	50
3023	T15, T20, T25, T27, T30, T40, T45, T50	
8730808		

3109PR8 3/8"

- Socket rail 210mmL

Contents	0.36	50
3023	T10, T15, T20, T25, T27, T30, T40, T45, T50	
8730809		

3119PR8 3/8"

- Socket rail 210mmL

Contents	0.36	50
3027	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	
8730809		

3131PR8 3/8"

- Socket rail 210mmL

Contents	0.4	48
3027	T8H, T9H, T10H, T15H,T20H, T25H, T27H, T30H, T40H, T45H, T50H	
8730811		

3109PR8 / 3119PR8 / 3149PR8 / 3131PR8

Packing

3146PR 3/8"

- Socket rail 150mmL

Contents	0.36	50
302D	PR10, PR15, PR20, PR25, PR27, PR30	
8730606		

3149PR8 3/8"

- Socket rail 210mmL

Contents	0.36	50
302D	IPR10, IPR15, IPR20, IPR25, IPR27, IPR30, IPR40, IPR45, IPR50	
8730809		

Socket Set

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

3007MR01 3/8"

Contents	0.98	20
366516	3789-11F	
366021	3221-06 3221-16	

Extension Bar Set

3113PR 3/8"

3 PC.

Contents		0.5	35
3221	3", 6", 10"		

3103PR 3/8"

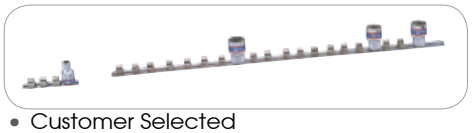
3 PC.

Contents		0.4	35
3223	3", 6", 10"		

Socket Rail

873 3/8"

- Rail length from 160 mm to 560 mm



- Customer Selected

KT NO.		L (mm)
870406		160
870311		280
870422		560
8730		-

Socket Set

3508MR 3/8"

Metal case size (mm):
203 x 79 x 41 (0.023 cuft)

8 PC.

Contents		1.0	1 / 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	1 / 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)

3020MR / 3520MR

3020MR02 / 3520MR02

20 PC.

3020SR

3020SR02

KT NO.		Contents					
3020MR	3330M: 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 22	363021	3769-08F	3452-08F	3221-03 3221-06 3571-08 3792	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		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		2.5	
3520MR02			3779-08F	3452-08G		2.8	

3023MR | 3023MR04 | 3523MR | 3523MR04 3/8"

Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

3023MR / 3523MR

3023MR04 / 3523MR04

22 PC.

KT NO.		Contents				
3023MR	3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22	3769-08F	3221-03 3221-06 3571-08	2.8	1/6
3523MR	3335M					
3023MR04	3330M		3755-08G	3452-08F 3792	3.0	1/6
3523MR04	3335M					

Socket Set

3523MRV10

EVA Tray #10 3/8"

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

Contents

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		

23 PC.

3024MR

3024SR

3524MR

3/8"

Metal case size (mm) :
318 x 147 x 46 (0.076 cuft)

3024MR/3524MR

3024SR

24 PC.

KT NO. | Contents | 2.2 | 1 / 10

KT NO.			
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
3524MR	○ 3335M		
3024SR	○ 3330S	1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	3779-08G 3221-06 3792

Socket Set

3027MR | 3027SR | 3527MR | 3/8"

Metal case size (mm) :
318 x 147 x 46 (0.076 cuft)

3027MR/3527MR

3027SR

26 PC.

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, 3812, 3221-03, 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		

3034MR | 3534MR | 3/8"

Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

36 PC.

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 ✪ 3023 T8, T9, T10, T15, T20, T25, T27, T30, T40, T45 3779-08G, 3221-03, 3221-06, 3792, 3571-08, 3452-10F
3534MR	○ 3335M		

Socket Set

3036CR 3/8"

Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

36 PC.

3.27 1 / 6

Contents

○ 3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22	3769-08F, 3452-08F, 3221-03, 3221-06, 3571-08, 3792
○ 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	

3537MR 3/8"

Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

39 PC.

3.17 1 / 6

Contents

✱ 3023	T8, T9, T10, T15, T20, T25, T27, T30, T40, T45	3779-08G, 3221-03, 3221-06, 3792, 3452-10F, 3571-08
○ 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	

Socket Set

3050MR 3/8"

Blow case size (mm) :
405 x 310 x 80 (0.36 cuft)

50 PC.

Contents			kg 4.65	1 / 4
○		3235M	8, 10, 12, 13	
○		3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 22	
		1060	8, 10, 12, 13, 14, 17, 19	
⊕		1421	PH2 x 100	
⊖		1422	5.5 x 100	
◉		1120MR	H3, H4, H5, H6, H7, H8, H10	
✪		1832T	T15, T20, T25, T30, T40, T45, T50	
○		363516	6111-06	3734-10F
○		363021	3221-03 3221-06	
		3792	314810S	3571-08

3568MR 3/8"

Metal shelf size (mm) :
415 x 336 x 320 (1.58 cuft)

268 PC.

Contents		Each Q'ty
	8,9,10,11,12,13	10
○ 3335M	14,15,16,17,18,19	8
	21,22,23,24	6
	7,8,9,10,11,12,13	10
○ 3235M	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

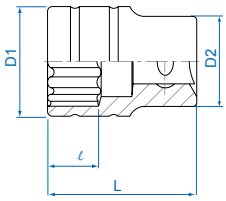
Standard Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

4330MR 1/2"

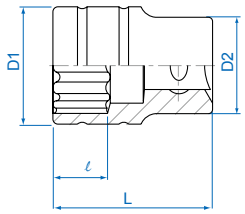
▪ DIN 3124, ISO 2725-1



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

4330SR 1/2"

▪ ANSI/ASME B107.1



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
new 433044SR	1-3/8	46.0	33.0	24.0	46	248	6 / 96

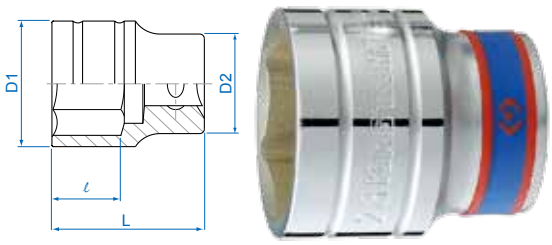
Standard Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

4335MR 1/2"

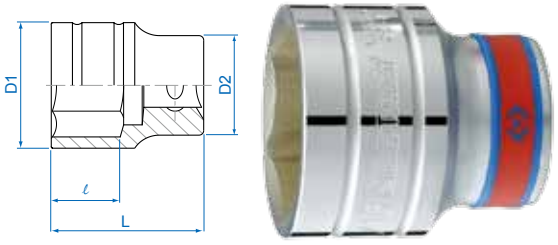
▪ DIN 3124, ISO 2725-1



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 / 60
433546MR	46	59.0	40.0	30.0	58	500	4 / 32

4335SR 1/2"

▪ ANSI/ASME B107.1



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	KT NO.	Spec.	Kg	Cuft
4072MR	○ 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	8 7	4072MR 4572MR -A	87103	6.37	0.67
4572MR	○ 4335MR		6 5	4072MR 4572MR -D	172 PC. socket content	17.73	0.38
4072SR	○ 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, 1-1/8, 1-3/16, 1-1/4	8 7	4072SR 4572SR -A	87103	6.37	0.67
4572SR	○ 4335SR		6 5	4072SR 4572SR -D	136 PC. socket content	13.0	0.28

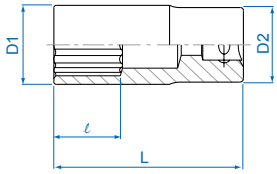
Deep Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

4230M 1/2"

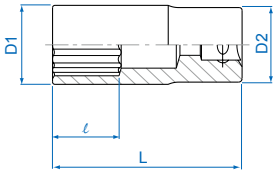
▪ DIN 3124, ISO 2725-1



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
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
423036M	36	46.8	40.5	36	77	443	2 / 40

4230S 1/2"

▪ ANSI/ASME B107.1



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

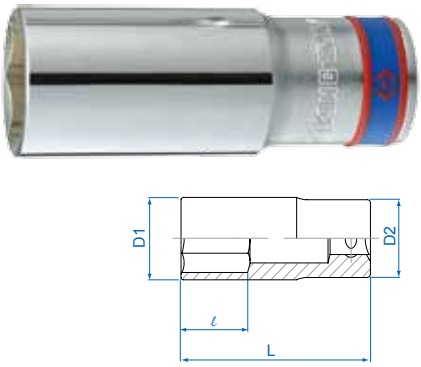
Deep Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

4235M 1/2"

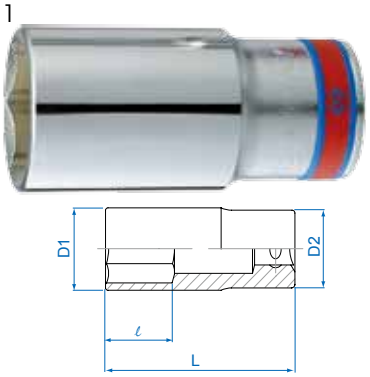
▪ DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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

4235S 1/2"

▪ ANSI/ASME B107.1



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
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

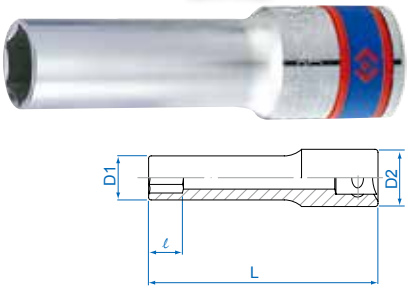
Deep Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

4245M EXTENDED LENGTH 1/2"

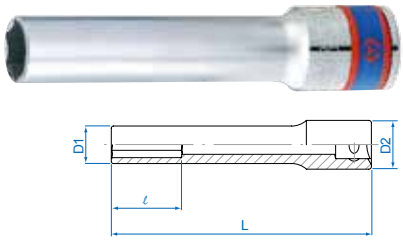
▪ DIN 3120



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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	
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

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 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30 32	8 7
4566MR	4235M		6 5
4066SR	4230S	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, 1-3/16, 1-1/4	8 7 6 5

KT NO.	Spec.	Kg	Cuft
4066MR -A 4566MR	87103	5.87	0.62
4066MR -D 4566MR	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

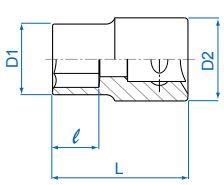
Star Socket

- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

4375M — 1/2"

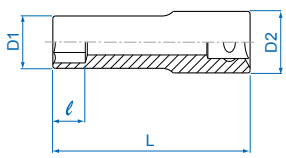
- For torx external screw
- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
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



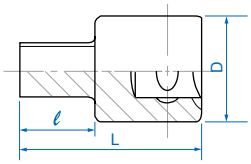
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
427510M	E10	13.2	23.8	7.5	77	109	6 / 120
427512M	E12	15.0	23.8	9.0	77	119	6 / 120
427514M	E14	16.4	23.8	10.0	77	125	6 / 120
427516M	E16	18.8	23.8	11.0	77	138	6 / 120
427518M	E18	20.5	23.8	12.5	77	149	6 / 120
427520M	E20	22.8	23.8	14.0	77	167	6 / 120
427522M	E22	24.6	23.8	16.0	77	172	6 / 96
427524M	E24	26.5	23.8	16.0	77	191	6 / 96

Square Socket

KT No. & D1

4014M — 1/2"

- 4 ball retaining grooves
- Chrome vanadium steel
- Polished, chrome plated
- 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

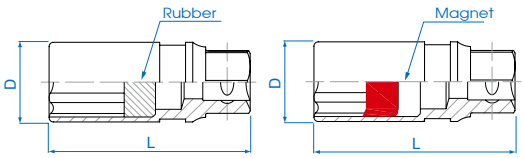
Spark Plug Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

4630 | 4635 | 4660 | 4665 | 1/2"

- 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



463014RC - Thin walled design

463514RC - Thin walled design

463016R- Thin walled design

466016 - Thin walled design

463516R - Thin walled design

466516 - Thin walled design

KT NO.	Type	Size inch	Size mm	D mm	L mm	g	pcs
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

463021R

466021

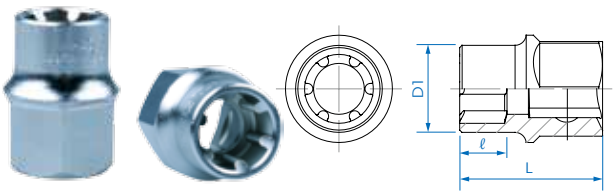
463521R

466521

Ribe Socket M10S

9AW4911 | 1/2"

- Used for replacing and removing idler pulley center screw on TOYOTA ALTIS



KT NO.	D1 mm	ℓ mm	L mm	g	pcs
9AW4911	19	10	33.8	16	10 / 200

Ribe Socket M12S

9AW4901 | 1/2"

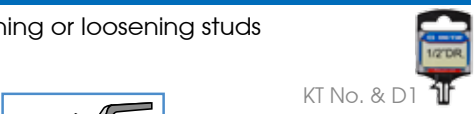
- Used for replacing and removing engine head screw and flywheel center screw on NISSAN models

KT NO.	D1 mm	ℓ mm	L mm	g	pcs
9AW4901	22	14	38	72.0	10 / 200

Roller Stud Extractor Socket & Set

9TD401 1/2"

- For tightening or loosening studs



KT NO.	mm	D1 mm	D2 mm	L mm	g	pc / box
9TD401-06M	6	24.5	21	60.0	150.0	10 / 180
9TD401-08M	8	24.5	21	60.0	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"

- Roller stud extractor socket set
- Supplied in a box

4 PC.

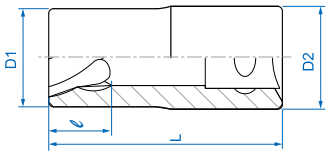
Contents 1.10 kg 1 / 20

9TD401	M6, M8, M10, M12

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 nozzle, and studs
- No need for pounding, chisels or torches



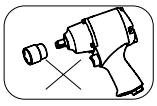
KT NO.	D1 mm	D2 mm	ℓ mm	L mm	g	pc / box
9TD403-12M	18.0	22	11	50	77.0	10 / 180
9TD403-13M	20.0	22	11	50	84.0	10 / 180
9TD403-14M	21.0	22	11	50	85.0	10 / 180
9TD403-17M	24.5	25	15	50	117.0	10 / 180
9TD403-19M	27.0	27	15	50	135.0	8 / 80
new 9TD403-21M	29.4	27	16	50	138.4	8 / 80
new 9TD403-22M	30.5	27	17	50	140.6	8 / 80

9TD035MR 1/2"

5 PC.

Contents 0.52 kg 4 / 36

9TD403	12, 13, 14, 17, 19
8740705	



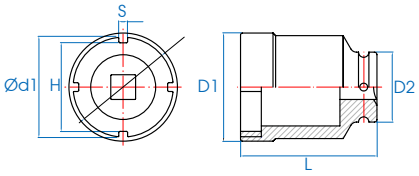
CAUTION Can't be used with pneumatic wrench

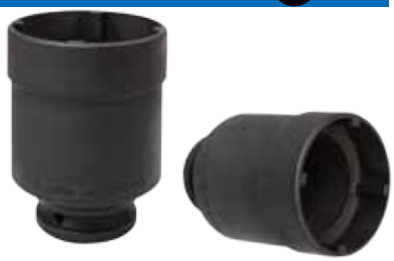
Axial Lock Nut Socket

- 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	g	
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

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

KT No. & D1

CAUTION

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

4021 — 1/2"

- Phillips head
- DIN ISO 8764-1

KT NO.	No.	Overall length mm	g	
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	g	
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

40D5 — 1/2"

- Hexagon head
- DIN 7422

KT NO.	mm	Overall length mm	g	
40D506	H6	140	102	6 / 120
40D508	H8	140	104	6 / 120
40D510	H10	140	133	6 / 120

4025 — 1/2"

- Hexagon head
- DIN 7422

KT NO.	mm / Inch	Overall length mm	g	
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
new 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

Bit Socket

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

KT No. & D1

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

4035 1/2"

- Hexagon head
- DIN 7422

KT NO.	mm	Overall length mm	g	
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
new 403509	H9	80	97	6 / 120
403510	H10	80	107	6 / 120
new 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

40D0 1/2"

- Hexagon with ball point head

KT NO.	mm	Overall length mm	g	
40D006	H6	140	101	6 / 120
40D008	H8	140	103	6 / 120
40D010	H10	140	132	6 / 120

4026 4036 4046 4066 1/2"

- Spline head
- DIN 3120

KT NO.	Size	Overall length mm	g	
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
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
new 404607	M7	100	97	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

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	129.4	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

Bit Socket

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

CAUTION

KT No. & D1

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

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

4027 4037 1/2"

- For tamper resistant torx screw
- DIN 3120

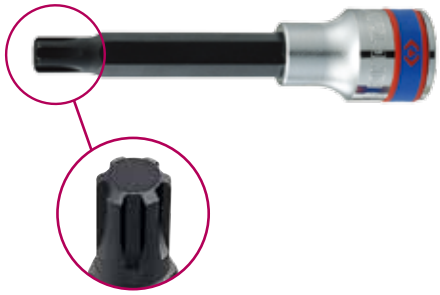
4027

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

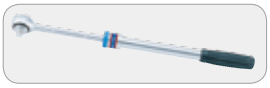
KT No. & D1

4725

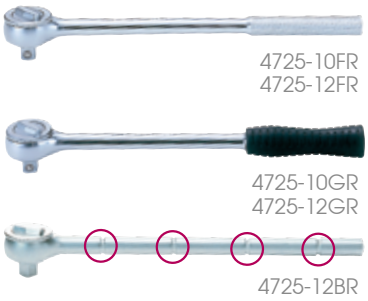
FINE GEAR 1/2"

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

KT NO.	Overall length inch	mm	g	
4725-10FR	10	250	573.0	2 / 40
4725-10GR	10	250	617.0	1 / 20
4725-12FR	12	300	642.0	2 / 40
4725-12GR	12	300	762..0	1 / 20
4725-12BR	12	300	644.0	2 / 40
4725DKR01	renewal kits		-	-



4 725DK



4725-10FR
4725-12FR
4725-10GR
4725-12GR
4725-12BR

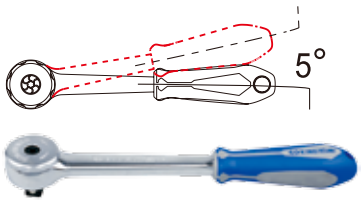
4755

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		-	1 / 20

4755DK



4755-10G

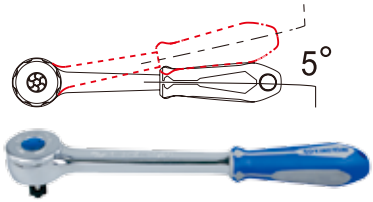
4756

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		-	1 / 20

4756DK



4756-10G

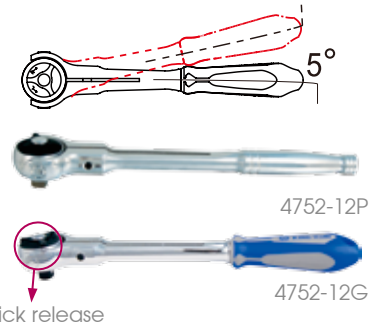
4752

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	
4752-12P	12	300	668	1 / 20
4752-12G	12	300	635	1 / 20
4752DK	renewal kits		-	-

4752DK



4752-12P
4752-12G
quick release

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	5.9 kg	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
- DIN3122

KT NO.	Overall length inch	mm	g	
4760-05	4-3/4	120	222.4	5 / 108
4760-05G	5-1/2	140	210	4 / 72
4760DK	renewal kits		-	-

4260DK

4760-05

4760-05G

4762 1/2"

- Quick release reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action
- DIN3122

KT NO.	Overall length inch	mm	g	
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	mm	g	
4767-10F	10	250	563	6 / 36
4767DK	renewal kits		-	-

19mm 12 point

4267DK

Ratchet

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

KT No. & D1

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	
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

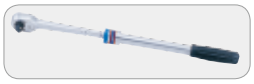
4768-10G / 4768-15G

4768-10F / 4768-15F

4768-10P / 4768-15P

4771 — 1/2"

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



4771DK

KT NO.	Overall length inch	Overall length mm	g	
4771-10BR	10	250	624	2 / 40
4771-10FR	10	250	659	2 / 40
4771-10GR	10	250	548	1 / 20
4771DK	renewal kits		-	-

4771-10BR

4771-10FR

4771-10GR

Ultra-Light Aluminium Ratchet

- Material
  - Aluminum Alloy
  - chrome molybdenum steel (gear) driver
- Finishing
  - anodic treatment
  - black driver by phosphate sunk

KT No. & D1

4772 new — 1/2"

- Design spec. similar to DIN 3122, ISO 3315
- Made from special-purpose drop-forged and hardened aluminium
- The mechanism as in all 4771/9 ratchets is made from high-quality steel

KT NO.	Overall length inch	Overall length mm	g	
4772-10G	10	250	336	1 / 20
4772-10F	10	250	353	1 / 20
4772DK01	renewal kits		-	-
4772-10GS	10	250	336	1 / 20
4772-10FS	10	250	353	1 / 20
4772DK	push renewal kits		-	-

4772DK01

4772-10G

4772-10F

4772DK

4772-10GS

4772-10FS

Ratchet

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

KT No. & D1

4779 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	
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

4779-10BR

4779-10FR

4779-10GR

4781 1/2"

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

KT NO.	Overall length inch	Overall length mm	g	
4781-12F	12	300	792	1 / 20
4781-12P	12	300	758	1 / 20
4781DK	renewal kits		-	-

4781DK

4781-12F

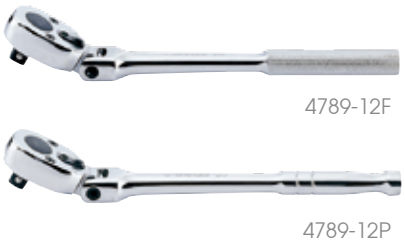
4781-12P

4789 1/2"

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

KT NO.	Overall length inch	Overall length mm	g	
4789-12F	12	300	792	1 / 20
4789-12P	12	300	758	1 / 20
4789DK	renewal kits		-	-

4789DK



4789-12F

4789-12P

4783 FINE GEAR 1/2"

- Stem change ratchet wrench
- Quick release flexible and reversible ratchet
- 5° gear action degree (72 teeth)
- Two teeth pawl action
- Body shifting direction design
- Change direction by shifting the body instead of switch button, easier & faster

KT NO.	Overall length inch	Overall length mm	g	
4783-10G	10	250	530	1 / 20

4783DK

Accessory

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

4121 1/2"

- Adjustable handle
- Push-Lock design

KT NO.	Overall length inch	Overall length mm	g	
4121-11GR	11-1/2	295	544	1 / 20

Extension Bar & Set

4251 1/2"

- Extension bar
- DIN 3123

KT No. & D1

KT NO.	Overall length inch	Overall length 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 / 64
4251-10R	10	250	433	4 / 64

4104PR 1/2"

- Extension bar

4 PC.

Contents	kg 0.84	1 / 20
4251	3" 5" 6" 10"	

Accessory

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

4221 1/2"

- Extension bar
- DIN 3123

KT NO.	Overall length inch	Overall length 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

Accessory

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

4223 1/2"

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

KT No. & D1

- Offset extension bar
- Max. torque:320 Nm
- DIN 3123

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 / 64

4293 1/2"

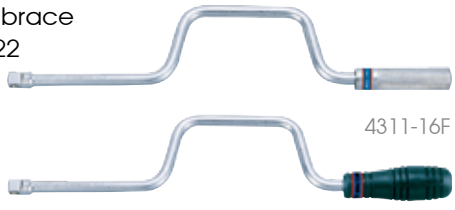
- Multi-function of extension bar and offset extension bar
- Max. torque:320 Nm
- DIN 3123

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

KT No. & D1

4452DK

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	250 / 250
4452DK1	renewal kits(for 24F)			

4453 new 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

4453-15FR

4453-18FR

KT NO.	Overall length inch	mm	g	
4453-15FR	15	375	600	2 / 24
4453-18FR	18	450	700	2 / 20
4452DK	renewal kits(for 15F/18F)		62	250 / 250

4462 1/2"

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

KT No. & D1

4462DK

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

KT No. & D1

4572DK

KT NO.	Overall length inch	mm	g	
4572-10	10	250	370	2 / 40
4572-12	12	300	433	2 / 40
4572DK	renewal kits		-	-

Accessory

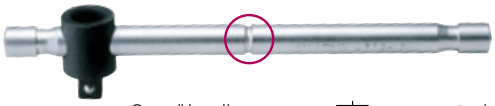
- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated

4573 1/2"

- Sliding T-handle
- DIN 3120

KT No. & D1

4573DK



KT NO.	Overall length inch	Overall length mm	g	
4573-10R	10	250	497	2 / 40
4573DK	renewal kits		-	-

4581 1/2"

- 90° L-handle
- DIN 3122

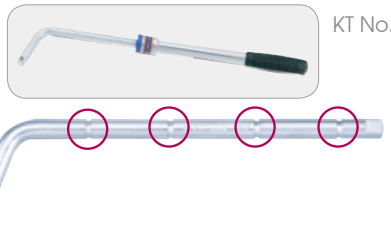
KT No. & D1

KT NO.	Overall length inch	Overall length mm	g	
4581-10	10	250	429	1 / 40

4583 1/2"

- 105° L-handle
- DIN 3120

KT No. & D1

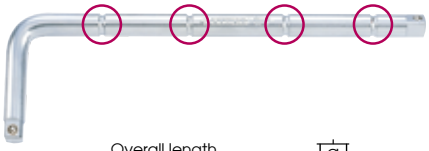


KT NO.	Overall length inch	Overall length mm	g	
4583-12R	12-1/2	315	545	1 / 40

4584 1/2"

- 90° L-handle
- DIN 3120

KT No. & D1

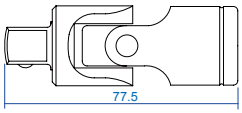


KT NO.	Overall length inch	Overall length mm	g	
4584-12R	12	300	550	1 / 40

4791R 1/2"

- Univesal joint
- DIN 3120, ISO 3316

KT No. & D1

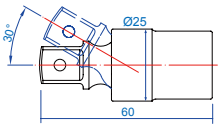


KT NO.	Overall length inch	Overall length mm	g	
4791R	3	77.5	163	5 / 100

4794 1/2"

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

KT No. & D1



KT NO.	Overall length inch	Overall length 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(M)

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

4010SR/4510SR

4010MR/4510MR

8 PC.

KT NO.		Contents	0.64 kg / 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		

4106PR 1/2"

▪ Socket rail 230mmL

6 PC.

Contents	0.51 kg / 40
4375M	E10, E12, E14, E16, E18, E20
8740906	

4208MR10 1/2"

▪ Socket rail 240mmL

8 PC.

Contents	1.22 kg / 14
4230M	12, 13, 14, 17, 19, 21, 22, 23
8741108	

Socket Rail Set

4308MR10 1/2"

- Socket rail 240mmL

8 PC.

Contents			1.22	14
○	4235M	12, 13, 14, 17, 19, 21, 22, 23		
	8741108			

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	
	4251-05		8740908	

Bit Socket Rail Set

4110PR10 1/2"

- Socket rail 240mmL

9 PC.

Contents			0.77	14
■	4025	H3, H4, H5, H6, H7, H8, H10, H12, H14		
	8741009			

4110SR10 1/2"

- Socket rail 240mmL

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			

4120PR10 1/2"

- Socket rail 240mmL

9 PC.

Contents			1.0	14
■	4035	H4, H5, H6, H7, H8, H10, H12, H14, H17		
	8741009			

4108PR10 new 1/2"

- Socket rail 240mmL

8 PC.

Contents			0.96	14
■	4025	H6, H7, H8, H10, H12, H14, H17, H19		
	8741009			

Bit Socket Rail Set

4126PR 1/2"

▪ Socket rail 127mmL

4 PC.

Contents — 0.38 kg — 50

4026	M6, M8, M10, M12
8740504	

4105PR 1/2"

▪ Socket rail 150mmL

5 PC.

Contents — 0.57 kg — 50

4026	M8, M10, M12, M14
402B	M16
8740605	

4136PR 1/2"

▪ Socket rail 127mmL

4 PC.

Contents — 0.46 kg — 30

4036	M6, M8, M10, M12
8740504	

4109PR10 1/2"

▪ Socket rail 240mmL

9 PC.

Contents — 0.74 kg — 14

4023	T20, T25, T27, T30, T40, T45, T50, T55, T60
8741009	

4119PR10 1/2"

▪ Socket rail 240mmL

9 PC.

Contents — 0.84 kg — 14

4033	T20, T25, T27, T30, T40, T45, T50, T55, T60
8741009	

4116PR 1/2"

▪ Socket rail 180mmL

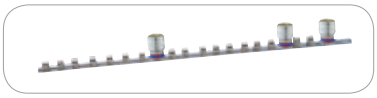
6 PC.

Contents — 0.38 kg — 20

4049	M9, M10, M12, M13, M14, M16
8740706	

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 Set

4208MR | 4208SR | 4308MR 1/2"

Metal case size (mm) :
246 x 103 x 38 (0.034 cuft)

4208MR / 4308MR

4208SR

8 PC.

KT NO.		Contents	1.93	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		

4215MR 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.107 cuft)

15 PC.

Contents	3.80	1 / 6
4230M	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32	

4216MR 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.107 cuft)

16 PC.

Contents	3.68	1 / 6
4230M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	

4315MR 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.107 cuft)

15 PC.

Contents	3.80	1 / 6
4235M	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32	

4316MR 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.107 cuft)

16 PC.

Contents	3.68	1 / 6
4235M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	

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 / 18

4026	M5, M6, M8, M10
402B	M16
4036	M8, M10, M12

Socket Set

4501MR 1/2"

Metal case size (mm) :
392 x 90 x 50 (0.062 cuft)

Contents		3.40	1 / 6
○	4335MR	8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24, 27	
4779-10FR		4251-05R	
4452-15FR			

15 PC.

4511MR 4511SR 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)

4511MR 4511SR

24 PC.

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 4251-05R 4251-10R	4725-12GR 4572-10	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			

4012MR 4012SR 4512MR 4512SR 1/2"

Metal case size (mm) :
445x 135 x 50 (0.106 cuft)

4012MR / 4512MR 4012SR / 4512SR

14 PC.

KT NO.		Contents		3.50	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		

Socket Set

4014MR | 4014SR | 4514MR | 4514SR 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.106 cuft)

14 PC.

4014SR / 4514SR

4014MR / 4514MR

KT NO.		Contents		
				3.5 kg / 1 / 6
4014MR	○ 4330MR	10, 11, 12, 13, 14, 17, 19, 21, 22, 24	○ 463021R	4572-12
4514MR	○ 4335MR		○ 463521R	4725-12FR
4014SR	○ 4330SR	3/8, 7/16, 15/32, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 15/16	○ 463021R	4251-05R
4514SR	○ 4335SR		○ 463521R	

4016SR | 4516MR | 4516SR 1/2"

Metal case size (mm) :
370 x 150 x 54 (0.105 cuft)

16 PC.

4016SR / 4516SR

4516MR

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

Socket Set

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, 4251-05R, 4251-10R, 4791R
4320MR	○ 4335MR		

4325MR 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)

Contents	5.01 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	

24 PC.

4030CR 4030CR01 4530CR 4530CR01 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)

4030CR / 4530CR

4030CR01 / 4530CR01

30 PC.

KT NO.		Contents			1 / 4
4030CR	○ 4330MR	10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 30, 32 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	4768-10P	4452-15FR	4.90 kg
4030CR01	○ 4330SR		4779-10GR	4251-05R	4.92 kg
4530CR	○ 4335MR		4768-10P	4791R	4.90 kg
4530CR01	○ 4335SR		4779-10GR	4813	4.92 kg

Socket Set

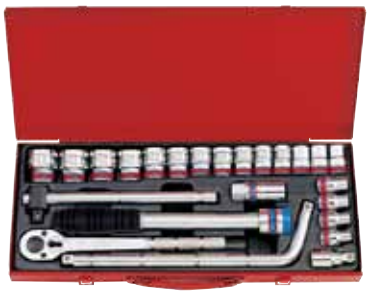
4024MR **4024SR** **4524MR** **4524SR**
4033MR **4033SR** **4533MR** **4533SR** 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 cuft)

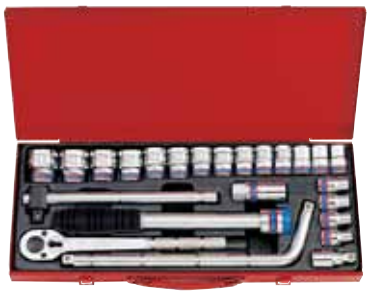
24 PC.

4024SR / 4524SR

4024MR / 4524MR



4033SR / 4533SR



4033MR / 4533MR

KT NO.		Contents		5.7 kg / 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		4573-10
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	4583-12R
4524SR	○ 4335SR		○ 463521R		
4024MR	○ 4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	○ 463021R		
4524MR	○ 4335MR		○ 463521R		

Socket Set

4523MRV01 EVA Tray #8 1/2"

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

23 PC.

Contents — 3.88 kg — 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	

4527MRV02 EVA Tray #9 1/2"

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

27 PC.

Contents — 6.11 kg — 1 / 2

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	

4526MR15 new 1/2"

Metal 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		4251-05R 4251-10R	
4791R			

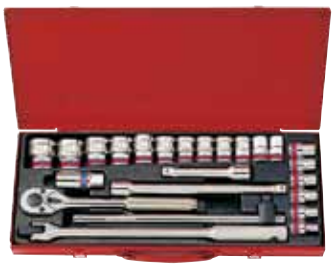
Socket Set

4026MR **4026SR** **4526MR** **4526SR**
4026MR03 **4026SR03** **4526MR03** **4526SR03**
4026MR04 **4526MR04** **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 / 4526MR04

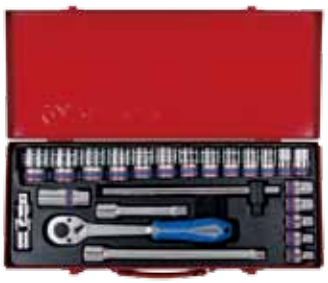
KT NO.		Contents			
4026MR	○ 4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	○ 463021R	4768-10F	
4526MR	○ 4335MR		○ 463521R		
4026MR03	○ 4330MR	8, 10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	4791R	4779-10GR	4452-15FR
4526MR03	○ 4335MR				
4026MR04	○ 4330MR			4755-10G	4572-12
4526MR04	○ 4335MR				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	○ 463021R	4768-10F	
4526SR	○ 4335SR		○ 463521R		
4026SR03	○ 4330SR		4791R	4779-10GR	
4526SR03	○ 4330MR				

Socket Set

4028MR | 4028SR | 4528MR | 4528SR
4028MR02 | 4528MR02 | 1/2"

Metal case size (mm) :
445x 187 x 50 (0.147 cuft)

24 PC.



4028MR / 4528MR

4028MR02 / 4528MR02

4028SR / 4528SR

KT NO.		Contents				5.3	1 / 4
4028MR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463021R	4779-10GR	4791R		
4528MR	4335MR		463521R				
4028MR02	4330MR		463021R	4755-10G	4251-05R 4251-10R		
4528MR02	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				

4032MR | 4032SR | 4532MR | 4532SR | 1/2"

Metal case size (mm) :
445x 187 x 50 (0.147 cuft)

24 PC.

4032MR / 4532MR

4032SR / 4532SR

KT NO.		Contents				5.6	1 / 4
4032MR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463021R	4779-10FR	4251-05R 4251-10R		
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	4452-15FR	4791R		
4532SR	4335SR		463521R				

Socket Set

4034MR | 4534MR | 1/2"

Metal case size (mm) :
476 x 282 x 57 (0.147 cuft)

33 PC.

4034MR / 4534MR

KT NO.			Contents				
					8.2	1 / 2	
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	4791R	4572-12	
4534MR	○ 4335MR		○ 463521R	4452-18FR	4251-03R 4251-05R 4251-10R	4779-10FR	

4035MR | 4535MR | 1/2"

Metal case size (mm) :
445 x 187 x 50 (0.147 Cuft)

35 PC.

4535MR / 4035MR

KT NO.			Contents					
					4.46	1 / 4		
4035MR	○ 4330MR	10, 11, 12, 13, 14, 15, 17, 19, 21, 22, 24, 27, 30, 32	○ 463016R ○ 463014RC	● 1836H	H5, H6, H7, H8, H10, H12			
				✱ 1836T	T25, T27, T30, T40, T45, T50			
				⊕ 1836P	PH2, PH3			
4535MR	○ 4335MR		○ 463516R ○ 463514RC	4251-05R 4251-10R	4771-10GR	4794	414810S	

Socket Set

4042CR | 4042CR02 | 4542CR | 4542CR02 1/2"

Metal case size (mm) :
476x 282 x 57 (0.27 cuft)

4042CR / 4542CR

4042CR02 / 4542CR02

42 PC.

8.5 | 1 / 2

KT NO.		Contents			
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	4452-18FR
	○ 4330SR				
4542CR	○ 4335MR		○ 463521R		4251-05R 4251-10R
	○ 4335SR				
4042CR02	○ 4330MR		4779-10GR		4572-12
	○ 4330SR				
4542CR02	○ 4335MR		4791R		
	○ 4335SR				

4044CR | 4544CR 1/2"

Metal case size (mm) :
476 x 282 x 57 (0.27 cuft)

43 PC.

8.5 | 1 / 2

KT NO.		Contents		
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	4121-11GR
	○ 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	4223-02R	4583-12R
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	4573-10	4791R
	○ 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		

Socket Set

41026MR | 41026SR | 41526MR | 41526SR 1/2"

Plastic case size (mm) :
445x 240 x 206 (0.78 cuft)

41026MR / 41026SR

41526MR / 41526SR

25 PC.

KT NO.		Contents			Kg 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, 4452-15FR, 4572-12, 4251-05R, 4251-10R, 4791R		
41526MR	4335MR		463521R			
41026SR	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			
41526SR	4335SR		463521R			

CAUTION

Please wear proper safety gear while working.

4108FR | 4111FR | 4112FR 1/2"

Metal case size (mm) :
190 x 60 x 48 (0.019 cuft)

414810S

4112

8 PC.

4108FR

6 PC.

4111FR

6 PC.

4112FR

KT NO.	Contents			Kg	
4108FR	⊖ 1836S 9, 11	⊕ 1836P PH2, PH3	⊕ 1880P PH2, PH3	1.04	1 / 24
4111FR	⊖ 1880S 8, 10	⊕ 1880P PH2, PH3		1.00	
4112FR	⊖ 1836S 9, 11	⊕ 1836P PH2, PH3		1.00	

4112, 414810S

4505MR | 4505SR 1/2"

Metal case size (mm) :
246x 103 x 38 (0.034 cuft)

4505MR

4505SR

10 PC.

KT NO.		Contents			Kg 1.56	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		

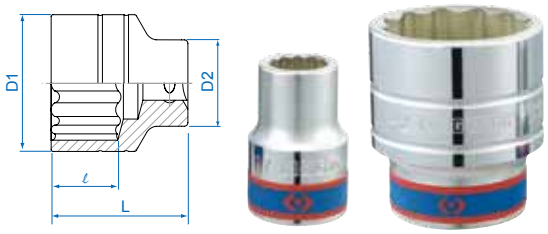
Standard Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

6330M 3/4"

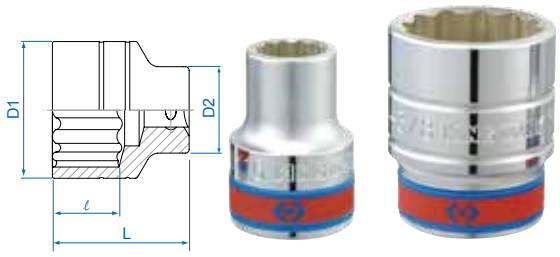
▪ DIN 3124, ISO 2725-1



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

6330S 3/4"

▪ ANSI/ASME B107.1



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

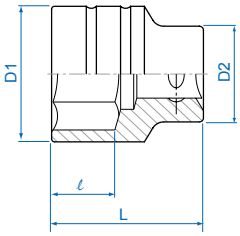
Standard Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

6335M — 3/4"

▪ DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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
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
633563M	63	83.0	55.0	40	81	1390	1 / 12
633565M	65	85.0	58.0	43	83	1510	1 / 12
633570M	70	92.0	58.0	46	88	1805	1 / 12

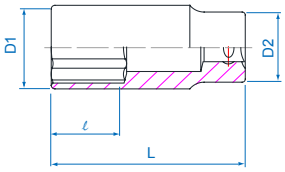
Deep Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

6230M — 3/4"

▪ DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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

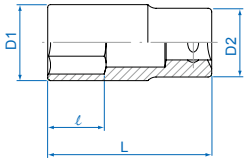
Deep Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1

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

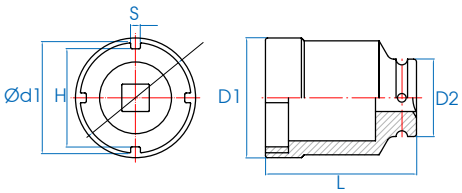
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
623541M	41	56.0	45.0	41	90	864	1 / 24
623542M	42	57.0	45.0	46	95	913	1 / 24
623543M	43	58.0	45.0	46	95	971	1 / 10
623544M	44	60.0	48.0	46	95	1066	1 / 10
623545M	45	61.0	48.0	46	95	1073	1 / 10
623546M	46	62.0	48.0	46	95	1093	1 / 10
623547M	47	63.0	48.0	46	95	1102	1 / 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
new 623563M	63	83.0	55.0	53	100	1680	1 / 12
new 623565M	65	85.0	58.0	55	100	1735	1 / 12
new 623570M	70	92.0	58.0	55	100	1979	1 / 12

Axial Lock Nut Socket

- Material - chrome vanadium steel
- Finishing - phosphate sunk

64K9M — 3/4"

- Special for SKF bearing.



KT NO.	Designation	mm	H mm	S mm	D1 mm	D2 mm	Ød1 mm	g	L mm	
64K975M	TMFS 11	75	69.4	6.8	83.5	54	77	1600	105	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

6025 3/4"

- HEXAGON head
- DIN 7422

602514 602519

KT NO.	mm	L mm	g	
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

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

6724 3/4"

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

KT NO.	Overall legth inch	mm	g	
6724-20F	20	500	2300	1 / 6
6724DK	renewal kits		-	-

6724DK

6779 3/4"

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

KT NO.	Overall length inch	mm	g	
6779-20F	20	500	2349	1 / 6
6779DK	renewal kits		-	-

6779DK

6251 3/4"

- Extension bar
- DIN 3123

KT No. & D1

KT NO.	Overall length inch	mm	g	
6251-04	4	110	400	4 / 40
6251-08	8	200	732	2 / 20
6251-16	16	400	1362	1 / 10

Ratchet & Accessory

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

6452 — 3/4"

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

KT NO.	Overall length inch	Overall length mm	g	
6452-18F	18	450	1717	1 / 10
6452-30F	30	750	2813	1 / 8
6452DK	renewal kits		-	-

6452DK

6572 — 3/4"

- Sliding T-handle
- DIN 3122

KT NO.	Overall length inch	Overall length mm	g	
6572-20	20	500	1542	1 / 10
6572DK	renewal kits		-	-

6572DK

6581 — 3/4"

- 90° L-handle

KT NO.	Overall length inch	Overall length mm	g	
6581-12	12	300	1307	10
6581-18	18	450	1850	12

6585 — 3/4"

- Double driver L-handle 90°

KT NO.	Overall length inch	Overall length mm	g	
6585-19	19	478	2021	12

6791 — 3/4"

- Universal joint
- DIN 3123, ISO 3316

KT No. & D1

KT NO.	Overall length inch	Overall length mm	g	
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.	g	
6814	3/4"F x 1/2"M	131	8 / 96
6818	3/4"F x 1"M	304	6 / 60

Socket Set

6013MR | 6013MR01 | 3/4"

Metal case size (mm) :
537 x 177 x 78 (0.26 cuft)

6013MR

6013MR01

13 PC.

KT NO.	Contents					
6013MR	○ 6330M	19, 24, 27, 30, 32, 33, 36, 38, 41	6779-20F	6251-04 6251-08	6572-20	12.5	1
6013MR01			6724-20F			13.23	

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	13.8	1
6314MR	○ 6335M						

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	14.0	1
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					

Socket Set

6318MR new — 3/4"

Metal case size (mm) :
537 x 177 x 78 (0.26 cuft)

17 PC.

KT NO.		Contents				Kg	
6318MR	6335M	22, 24, 27, 29, 30, 32, 33, 35, 36, 38, 41, 46, 50	6779-20F	6251-04 6251-08	6572-20	13.45	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					Kg 17.1	1
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				
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	6572-20	6791				

6224CR — 3/4"

Metal case size (mm) :
537 x 177 x 78 (0.26 cuft)

24 PC.

KT NO.		Contents				Kg 15.5	1
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					

Socket Set

6226CR 3/4"

Metal case size (mm) :
537 x 177 x 78 (0.26 cuft)

26 PC.

KT NO. | Contents | 15.5 | 1

KT NO.		Contents	
6226CR	○ 6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6251-04 6251-08 6572-20 6452-18F
	○ 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	

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

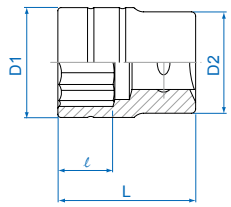
○ 6335M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50
6251-04 6251-08	6779-20F
6572-20	

Standard Socket

- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

8330M — 1"

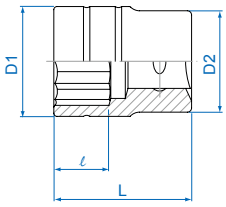
▪ DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
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 / 10
833054M	54	74	57	38	80	1145	1 / 10
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		
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

8779 1"

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

KT NO.	Overall length inch	Overall length 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 / 8

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

3/4" drive(M)

1" drive(F)

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.

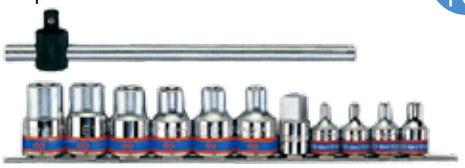
KT NO.		Contents	kg 34.1	1
8015MR	○ 8330M	36, 41, 46, 50, 55, 60, 65, 70, 75, 80	8779-32F, 8251-08, 8251-16, 8572-25	
8015SR	○ 8330S	1-7/16, 1-1/2, 1-11/16, 1-7/8, 2, 2-1/4, 2-3/8, 2-5/8, 2-15/16, 3-1/8		

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)

5022MR / 5522MR

5022SR

21 PC.

KT NO. — Contents — 1.60 kg — 1 / 10

KT NO.					
5022MR	3330M	10, 11, 12, 13, 14, 17, 19	2335M: 4, 5, 5.5, 6, 7, 8, 9	363021	3769-08F, 3221-03, 3221-06
5522MR	3335M			363521	363516, 3812, 2178AE
5022SR	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32	363021		
	3330S	3/8, 7/16, 15/32, 1/2, 9/16, 11/16, 3/4			

5039CR 1/4"+3/8"

Metal case size (mm) :
318 x 147 x 46 (0.076 cuft)

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 2178AE 363021 3812

39 PC.

Socket Set

5092CR 1/4"+3/8"

Metal case size (mm) :
445 x 187x 50 (0.147 cuft)

91 PC.

4.4 | 1 / 4

Contents		
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	2178AE
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.

3.8 | 1 / 4

Contents	
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	2178AE

7120PR

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

7120PR01 3/8"+1/2"

20 PC.

2.1 | 1 / 10

KT NO.	Contents		
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 | 9035CR | 1/4"+3/8"+1/2"

Metal case size (mm) :
450 x 370 x 56 (0.329 cuft)

9033CR

9035CR

135 PC.

12.3 | 1 / 2

KT NO.		Contents				
9033CR	3769-08F 4768-10F	○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	2561 cross bar. 4-1/2"L	3792
		○	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	3840 3/8" drive spin disc.	4791R
		○	2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	4840 1/2" drive spin disc.	3812
		○	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		
9035CR	3725-08F 4725-10FR	○	4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32	2571-45	2452-05F
		○	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	2221-02 2221-04	4572-10
		●	2015MX	H3, H4, H5, H6, H8, H10	3221-03 3221-06	2178AE
		●	2015SX	1/8, 3/16, 7/32, 1/4, 5/16, 3/8	4251-05R 4251-10R	○ 463516R
		⊕	2011X	PH1, PH2, PH3, PH4		○ 463021R
		●	1115-03	H1.5, H2, H2.5		

Socket Set

9062MR | 9562MR 1/4"+3/8"+1/2"

Metal case size (mm) :
476 x 282 x 57 (0.27 cuft)

62 PC.

7.45 | 1 / 2

KT NO.			Contents	
9062MR	4330MR	4330MR / 4335MR 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	363516	2335M 4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12 2792
	3330M		363021	3375M E10, E12, E14, E16, E18 3792 3023 T20, T25, T27, T30, T40 4791R
9562MR	4335MR	3330M / 3335M 8, 9, 10, 11, 12, 13, 14, 15, 17, 19	363516	3235M 12, 14, 17, 19 3711-08 2789-06P 4572-12 4768-10P
	3335M		363521	2221-04 3221-06 4251-06R

Socket Set

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

KT NO.			Contents		
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 4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12 3023 T20, T25, T27, T30, T40 3025 H4, H5, H6, H8, H10 2571-45 2221-04 3571-08 3221-06 4572-12 4251-06R 3792 4791R 3812
9563MR	○ 4335MR ○ 3335M		○ 363521	○ 3235M 12, 14, 17, 19	
9063MR01	○ 4330MR ○ 3330M		○ 363021	4755-10G 3779-08G	
9563MR01	○ 4335MR ○ 3335M		○ 363521	○ 3235M 10, 13, 17, 19	

7560MRV01 EVA Tray #9 1/4"+ 1/2"

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

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	3.0, 4.5, 5, 6.5, 8
⊕	1025P	PH0, PH1, PH2, PH3
✪	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
✳	1025Z	PZ1, PZ2, PZ3

4771-10GR 276A-04G 4452-15FR 4572-12 213312DF

2792 4791R 2813 2745 2223-02 2223-04 4251-05R 4251-10R

Tool Combination Set

90337MR

Blow case size (mm) :
435 x 265 x 90 (0.37 cuft)

37 PC.

Contents		4.59 kg / 1 / 2
1411		PH2 x 100, PH2 x 150
1412		6.5 x 100, 6.5 x 150
1120MR		H2, H3, H4, H5, H6, H8, H10, H1.5, H2.5
1147R		T10H, T15H, T20H, T25H, T27H, T30H, T40H
1060		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22
6111-07	6311-06	
3611-08R	7811-16	

Socket & Tool Set

4547MR
4047MR 1/2"

Blow case size (mm) :
435 x 265 x 92 (0.37 cuft)

47 PC.

KT NO.	Contents		6.62 kg / 1 / 2
4547MR	4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	1120MR H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 1147R T10H, T15H, T20H, T25H, T27H, T30H, T40H 1411 PH2x100, PH2x150 1412 6.5x100, 6.5x150 4251-05R 4251-10R 4452-15FR 4572-12 4791R 4768-10F 463521R 6111-07 6311-06
4047MR	4330MR		

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	
7081MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	4771-10GR	463016R	7.14 kg / 1 / 2
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

7582MR new 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

83 PC.

Contents		5.65	1 / 4
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
4335MR	14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32		
4635R	16, 21		
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		
2792 4791R	2221-02 2221-04	2178DF	
2312-06	4251-05R		
4222-10	3824	2571-45	
4771-10G	2771-55G		
79831	7702-25	414810S	

Socket & Tool Set

7596MR new 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

96 PC.

Contents — 6.22 kg — 1 / 4

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
4635R	16, 21
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

2792 4791R — 4222-10 — 3824

2221-02 2221-04 — 4251-05R — 7702-25

2571-45 — 2745 — 414810S

2771-55G — 2178DF — 4771-10G

7503MR new 1/4"+ 1/2"

Blow case size (mm) :
422 x 360 x 110 (0.59 Cuft)

103 PC.

Contents — 9.24 kg — 1 / 2

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9,
2375M	E4, E5, E6, E7, E8, E10
4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
1060	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
1930	8 x 10, 11 x 13, 12 x 14, 17 x 19
1025H	H2, H2.5, H3, H4 , H5, H6, H7, H8, H10
1025M	M4, M5, M6, M8, M10
1025T	T15, T20, T25, T27, T30, T40, T45, T50
1421	PH1 x 80, PH2 x 100
1422	5.5 x 125, 6.5 x 150

463516R — 4771-10GR

463521R — 2771-55G

6111-07 — 2178DF — 2141

3611-08R — 2221-03 2221-06

2571-45 4572-10 — 2312-06

4251-05R 4251-10R — 2792 4791R — 4223-02R

2128-26

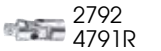
Socket & Tool Set

7511MR new 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

110 PC.

Contents			6.90	1 / 4
	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		
	2375M	E4, E5, E6, E7, E8		
	4235M	14, 15, 17, 19, 22		
	4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32		
	4375M	E10, E11, E12, E14, E16, E18, E20, E24		
	4635R	16, 21		
	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		


2792
4791R

2221-02
2221-04

4251-05R

4771-10GR

2771-55G

2745

4222-10

3824

2571-45

414810S

7702-25

2178DF

Socket & Tool Set

7010MR 1/4"+1/2"

Blow case size (mm) :
422 x 360 x 110 (0.59 cuft)

110 PC.

Contents		9.2	1 / 2
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		
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		
1636H	H5, H6, H7, H8, H10, H12		
1636M	M6, M8, M10, M12		
1636T	T30, T40, T45, T50, T55, T60		
1421	PH1 x 80, PH2 x 100, PH2 x 38		
1422	5.5 x 100, 6.5 x 150, 6.5 x 38		
1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		
1060	8, 10, 12, 13, 14, 15, 17, 18, 19		
463014RC	276A-04G	4771-10GR	
2178DF	6111-06	6516-10	
463016R	2452-05F	6211-06	
4251-05R 4251-10R	4452-15FR	7821-50	
2221-04	79831	2141	
9DC22	4791R	2792	414810M

Socket & Tool Set

7577MR new 1/4"+ 1/2"

Blow case size (mm) :
422 x 360 x 110 (0.59 Cuft)

128 PC.

Contents		7.52	1 / 2
2335M		4, 5, 6, 7, 8, 9, 10, 11, 12	
2235M		8, 10, 12, 13	
4335MR		12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32	
1060		8, 10, 12, 13, 14, 15, 17, 19	
1115-03		1.5, 2, 2.5	
1025P		PH1, PH2, PH3	
1025S		3, 4, 5	
1025H		H3, H4, H5, H6	
1025T		T10, T15, T20, T27, T30, T40	
1421		PH1 x 80, PH2 x 100, PH3 x 150	
1422		4 x 100, 6.5 x 100	
463516R	4771-10GR	6111-07	
463521R	2771-55G	6516-10	
2178DF	7821-30	2571-45	
4251-05R	2221-03	2312-06	
4222-10	3824	2792 4791R	2141

Socket & Tool Set

7528MR new 1/4"+ 1/2"

Blow case size (mm) :
560 x 400 x 110 (0.87 Cuft)

128 PC.

14.95 kg | 1 / 2

Contents		
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
4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32
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

Socket & Tool Set

7553MR 1/4"+1/2"

Blow case size (mm) :
520 x 460 x 105 (0.89 cuft)

Contents		13.9	1 / 2
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		
4635R	16, 21		
1060	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27		
1930	8x10, 11x13, 12x14		
1421	PH2 x 38		
1422	6.5 x 38		
1461	PH1 x 75, PH2 x 100 mm		
1462	5.5 x 100, 6.5 x 150 mm		
1025S	4, 5.0, 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		

6511-10

6111-06

6214-05

2178DF

4452-18FR

2452-05F

4771-10GR

2771-55G

2141

2221-02
2221-06

4251-05R
4251-10R

414810M

2792

4791R

4223-02R

Socket & Tool Set

7572MR 1/4"+1/2"

72 PC.

Blow case size (mm) :
410 x 280 x 60 (0.24 cuft)

Contents	4.96 / 1 / 4
2235M	8, 10, 12, 13
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10
4335MR	10, 12, 13, 14, 15, 17, 18, 19, 22, 24
1060	8, 10, 12, 13, 14, 15, 17, 19
1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H7, H8, H10
1025S	4, 5.5, 7
1025P	PH0, PH1, PH2, PH3
1025H	H3, H4, H5, H6, H7, H8
1025T	T10, T15, T20, T25, T27, T30, T40
463516R	2571-45, 2141
463521R	2221-04, 4791R
4251-05R	4779-10GR, 6114-05
4581-10	2178AE

7583MR 1/4"+1/2"

83 PC.

Blow case size (mm):
450 x 435 x 70 (0.48 cuft)

Contents	6.4 / 1 / 2
2235M	5, 6, 7, 8, 9, 10, 11, 12, 13
2335M	4.5, 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
2031	PH1, PH2, PH3
2032	4, 5.5, 6.5
2033	T8, T9, T10, T15, T20, T25, T27, T30, T40
2035	H3, H4, H5, H6, H7, H8, H10
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
2221-02 2221-04 2221-06	4251-05R 4251-10R, 2571-45
4572-10	4791R, 2779-55G
4779-10GR	2178DF, 2792

Socket & Tool Set

7075MR | 7075MR01 | 1/4"+1/2"

Blow case size (mm) :
475 x 360 x 90 (0.54 cuft)

75 PC.

7075MR

7075MR01

KT NO.		Contents	Kg 7.9	1 / 2
7075MR	2571-45	2235M	8, 10, 12, 13	
		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
		4330MR	10, 12, 13, 14, 15, 17, 18, 19, 22, 24, 27, 30	
		1060	8, 10, 12, 13, 14, 15, 17, 18, 19	
		1421	PH1 x 80, PH2 x 100	
		1422	4 x 100, 6.5 x 100	
7075MR01	2779-55G	1025T	T9, T20, T27, T30, T40	
		1025H	H1.5, H2.5, H7, H8, H10	
		1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H7, H8	
		463516R	6111-06, 4779-10BR, 2221-04, 4223-05R, 6511-10, 2178AE	
		463521R	7821-30, 4121-11GR, 2141, 2792, 4791R, 4583-12R	

Socket & Tool Set

7085MR

7085SR 1/4"+1/2"

Blow case size (mm) :
475 x 360 x 90 (0.54 cuft)

85 PC.

7085MR

7085SR

KT NO. | Contents | 9.2 | 1 / 2

KT NO.			Contents
7085MR	○	2235M	7, 8, 10, 12, 13
	○	2335M	5, 5.5, 6, 7, 8, 10, 11, 12, 13
	○	4330MR	10, 12, 13, 14, 15, 17, 18, 19, 22, 24, 27, 30
		1060	8, 10, 12, 13, 14, 15, 17, 18, 19, 22
		1130MR	3, 4, 5, 6, 8, 10, 2.5
7085SR	○	2235S	9/32, 5/16, 3/8, 7/16, 1/2, 5/32, 3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
	○	4330SR	7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1-1/16, 1-3/16
		5060	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8
		1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8

⊕	1421	PH1 x 80, PH2 x 100
⊖	1422	4 x 100, 5.5 x 100
●	1636H	H5, H6, H7, H8, H10, H12
●	1636M	M6, M8, M10, M12
✱	1636T	T30, T40, T45, T50, T55, T60
✱	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H
○	19961721	17, 19, 13/16, 1/2 x 300mm

○	463516R	2792	4791R	2312-06
○	463521R	414810M	4251-05R	2452-05F
	6111-06	6231-07	6516-10C	4452-15FR
	2779-55G	4779-10GR		

Socket & Tool Set

7586MR 1/4"+1/2"

Blow case size (mm) :
405 x 310 x 80 (0.35 cuft)

86 PC.

Contents		5.65 kg / 1 / 4
2235M	6, 7, 8, 9, 10, 11, 12, 13	
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
4235M	14, 17, 19	
4335MR	10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	
1025H	H3, H4, H5, H6	
1025P	PH1, PH2	
1025S	4, 5.5, 6.5	
1025T	T8, T9, T10, T15, T20, T25, T27, T30	
1025Z	PZ1, PZ2	
1836H	H8, H10, H12,H 14	
1836P	PH2, PH3, PH4	
1836T	T40, T45, T50, T55, T60	
1836Z	PZ3, PZ4	
463516R	2223-02 2223-04	4223-05R 4223-10R
463521R	2178DF	2141
2769-55P	4768-10P	
414810S	2792	4791R

9507MR 1/4"+3/8"+1/2"

Blow case size (mm) :
450 x 435 x 70 (0.48 cuft)

107 PC.

Contents		10.7 kg / 1 / 2
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10	
3330M	6, 7, 8, 9, 10, 12, 13, 14, 15, 17	
3375M	E4, E5, E6, E7, E8, E10, E11, E12, E14, E16, E18	
4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	
1060	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	
1930	8 x10, 11 x 13, 12 x 14, 17 x 19	
1422	5.5 x 100	
1461	PH1 x 75, PH2 x 100	
1462	6.5 x 150	
1832H	H3, H4, H5, H6, H7, H8, H10, H12	
1832T	T15, T20, T25, T27, T30, T40, T45, T50	
463516R	4779-10GR	
463521R	2755-55G	2792
6111-06	3611-08R	414810S
3734-10F	4452-15FR	3792
2221-03 2221-06	4251-05R 4251-10R	3221-03 3221-06
4791R	4223-02R	

Socket & Tool Set

7597MR | 7597MR01 | 7597MR02 | 1/4"+1/2"

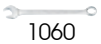
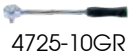
Blow case size (mm) :
450 x 435 x 70 (0.48 cuft)

97 PC.

7597MR

7597MR01

7597MR02

KT NO.		Contents			9.2	1 / 2
7597MR	4779-10BR 2779-55G	2235M	7, 8, 10, 12, 13	1025S	4, 5.5, 7, 8	
		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	1025P	PH0, PH1, PH2, PH3	
		4335MR	10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	1025H	H1.5, H2, H2.5, H3, H4, H5, H6, H7, H8, H10	
		 1060	6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19	1025U	T8H, T10H, T15H, T20H, T25H, T27H, T30H, T40H	
7597MR01	4755-10G 2755-55G	1421	PH2 x 38	1025Z	PZ1, PZ2, PZ3	
		1422	4 x 100, 6.5 x 38			
		1461	PH2 x 100, PH3 x 150			
		1462	6.5 x 150			
7597MR02	 4725-10GR 2725-55G	463516R	6111-06	6511-10	4583-12R	4121-11GR
		463521R	2452-05F	2571-45	4573-10	2792
		2221-02 2221-04	4251-10R	4791R	4223-02R	2141

Tools Bag Set

91333MQ new

▪ Electrician tool bag set

33 PC.

Contents		6.02	1 / 1
⊕	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	
⊕	1421	PH1 x 80, PH2 x 100	
⊖	1422	5 x 75, 5 x 100, 6.5 x 100, 6.5 x 150	
	79093-05C	5M/16FT 19mm	
	7971-07	165mm	

87711C
Overall size:
550x285x370mm / 39inner pockets

92543MR

Tool bag size (mm) :
250 x 400 x 30 (0.11 cuft)

92543MR01 new 1/4"

43 PC.

KT NO.		Contents	2.49	1 / 10
92543MR	79093-03C	○ 2335M: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14	6511-10	6111-07
		⊕ 1421: PH0 x 60, PH1 x 100, PH2 x 38, PH2 x 150	2178DF	
		⊖ 1422: 3.0 x 75, 6.5 x 38, 6.5 x 150	3611-08P	7976-65
92543MR01	79093-03M	✱ 1025Z: PZ1, PZ2, PZ3	20317MR	8720813
		✱ 1025T: T10, T15, T20, T25, T27, T30, T40	2792	
			2141	

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

KING TONY
90Ft-Lbs(120Nm)

Standard Impact Socket

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

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

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

3535S — 3/8"

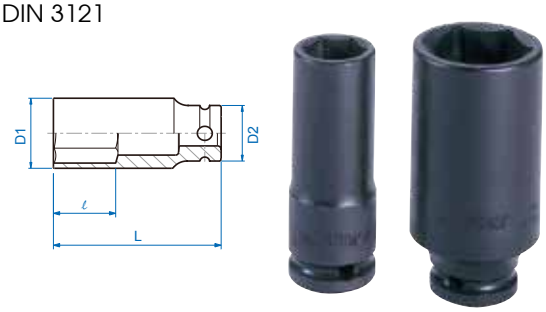
- ANSI/ASME B107.2

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	10 / 200
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

3435M — 3/8"

- DIN 3121

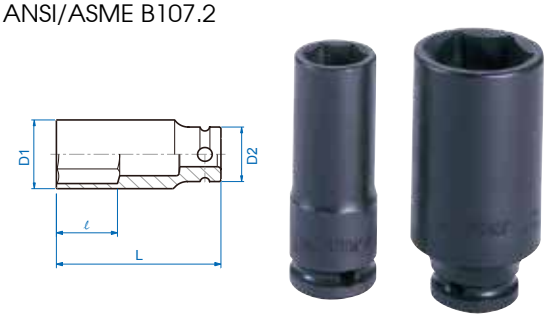


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
343506M	6	10.6	19	10	65	62	6 / 120
343507M	7	11.8	19	10	65	66	6 / 120
343508M	8	13.2	19	12	65	71	6 / 120
343509M	9	14.5	19	12	65	76	6 / 120
343510M	10	15.5	19	12	65	82	6 / 120
343511M	11	17.0	19	13	65	84	6 / 120
343512M	12	18.2	19	14	65	93	6 / 120
343513M	13	19.4	22	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

3435S — 3/8"

- ANSI/ASME B107.2



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/ctn
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/ctn
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

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

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/ctn
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/ctn
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/ctn
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

Impact Bit Socket

3055S 3/8"

- For hexagon head
- DIN 3121

KT NO.	inch	L mm	Max. torq Nm		
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

3065M 3/8"

- For hexagon head screw
- DIN 3121

KT NO.	mm	L mm	Max. torq Nm		
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		
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

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

3147 3/8"

- Bit holder

KT NO.	Size	L mm		
314708S	1/4"	40	44	12 / 420
314710S	5/16"	40	45	12 / 420
314710M	10mm	40	46	12 / 420

3260 3260P 3/8"

- Extension bar & with ball
- DIN 3121

3260

3260P

KT NO.	Overall length inch	mm		
3260-03	3	75	98.6	6 / 120
3260-04	4	100	121	8 / 160
3260-05	5	125	145	8 / 144
3260-06	6	150	169.8	5 / 100
3260-08	8	200	216	6 / 72
3260-10	10	250	230	6 / 54
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

3862 3862P 3/8"

- Adapter & with ball
- Convert to 1/4" drive
- DIN 3121

3862

3862P

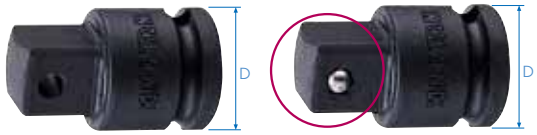
KT NO.	Spec.	D mm		
3862	3/8"F x 1/4"M	20.8	33	24 / 384
3862P	3/8"F x 1/4"M	20.8	33	24 / 384

KT No. & D1

Impact Accessory

3864 3864P 3/8"

- Adapter & with ball
- Convert to 1/2" drive
- DIN 3121

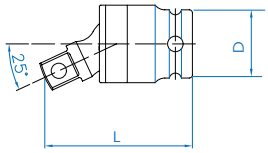


3864 3864P

KT NO.	Spec.	D mm	g	
3864	3/8"F x 1/2"M	20.8	51	24 / 384
3864P	3/8"F x 1/2"M	20.8	51	24 / 384

3796 3796P 3/8"

- Universal joint & with ball
- DIN 3121



3796 3796P

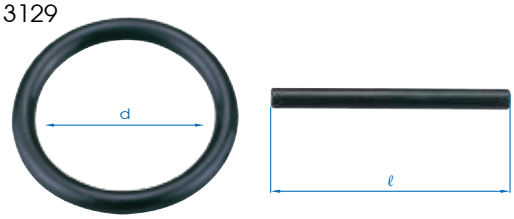
KT NO.	Overall length inch	Overall length mm	D mm	g	
3796	2	50	22	83.4	10 / 200
3796P	2	50	22	83.4	10 / 200

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	

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

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	kg		
3055M	0.72	1 / 20	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	kg		
3055M	1.05	1 / 20	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	kg		
3053	0.62	1 / 20	T10, T15, T20, T25, T27, T30, T40, T45, T50

Stubby Impact Socket

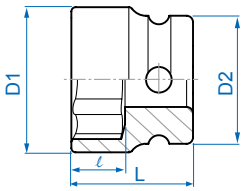
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

4525M — 1/2"

- For impact wrench use
- DIN 3129, ISO 2725-2

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
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

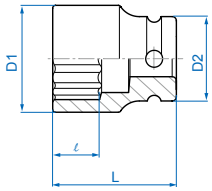


19, 22, 24 mm

Standard Impact Socket

4530M — 1/2"

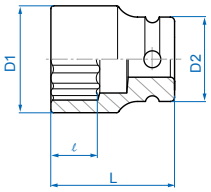
- DIN 3129, ISO 2725-2



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
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	52.0	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	pcs/box
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 / 160
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

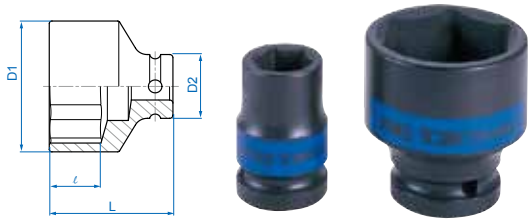
Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

4535M 1/2"

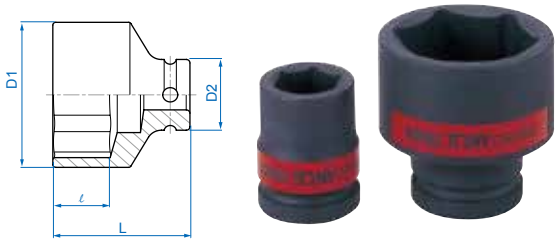
▪ DIN 3129, ISO 2725-2



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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
453536M	36	47.0	30	20	46	248	6 / 96
453538M	38	50.0	30	21	50	241	6 / 60
453539M	39	51.0	30	22	50	240	6 / 60
453541M	41	52.0	30	22	52	283	6 / 60
453546M	46	59.0	30	23	55	408	4 / 32

4535S 1/2"

▪ ANSI/ASME B107.2



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
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

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

4472MP 158 PC. 4472SP 106 PC. 1/2"

▪ Standard impact socket

Metal case size (mm) :
415 x 336 x 320

4472MP / 4472SP

KT NO.		Contents	Each Q'ty
4472MP	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	8 6 7 6 5
4472SP	4535S	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 1-3/16, 1-1/4	8 6 7 6 5

KT NO.	Spec.	kg	Cuft
4472MP-A	87103	6.37	0.67
4472MP-D	158 pcs socket content	19.63	0.54
4472SP-A	87103	6.37	0.67
4472SP-D	106 pcs socket content	20.4	0.37

4466MP 166 PC. 4466SP 102 PC. 1/2"

▪ Deep impact socket

Metal case size (mm) :
415 x 336 x 320

4466MP / 4466SP

KT NO.		Contents	Each Q'ty
4466MP	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	8 7 6 5
4466SP	4535S	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 1-3/16, 1-1/4	8 7 6 5

KT NO.	Spec.	kg	Cuft
4466MP-A	87103	6.37	0.67
4466MP-DA	166 pcs socket content	22.06	0.38
4466MP-DB		24.10	0.45
4466SP-A	87103	6.37	0.67
4466SP-D	102 pcs socket content	28.0	0.47

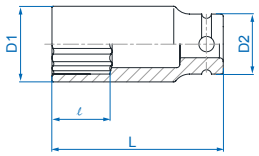
Deep Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

4430M 1/2"

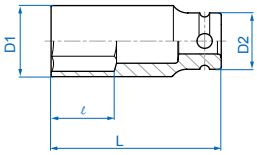
▪ DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
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

4435M 1/2"

▪ DIN 3121

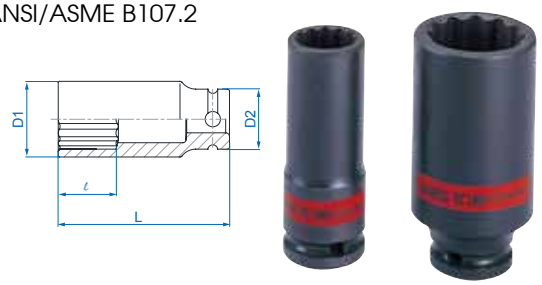


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
443508M	8	15.0	25	12	78	116	6 / 120
443509M	9	16.3	25	12	78	125	6 / 120
443510M	10	17.6	25	12	80	136	6 / 120
443511M	11	18.8	25	13	80	144	6 / 120
443512M	12	20.0	25	14	80	157	6 / 120
443513M	13	21.2	25	14	80	157	6 / 120
443514M	14	22.5	25	14	80	172	6 / 120
443515M	15	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	29.5	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	52.0	30	38	80	635	1 / 24
443546M	46	59.0	30	40	80	825	1 / 24

Deep Impact Socket

4430S — 1/2"

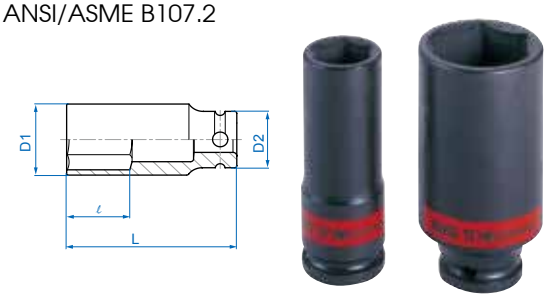
▪ ANSI/ASME B107.2



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
443020S	5/8	24	25	16	80	233	6 / 96
443024S	3/4	28	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

4435S — 1/2"

▪ ANSI/ASME B107.2



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
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
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
new 443542S	1-5/16	46	30	34	80	476	1 / 24

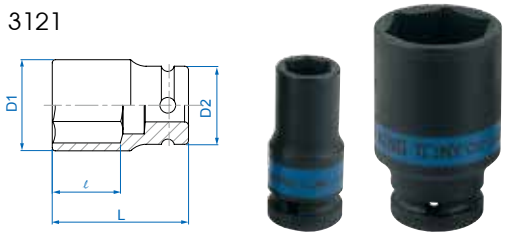
Impact Thin Wall Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

4835M — 1/2"

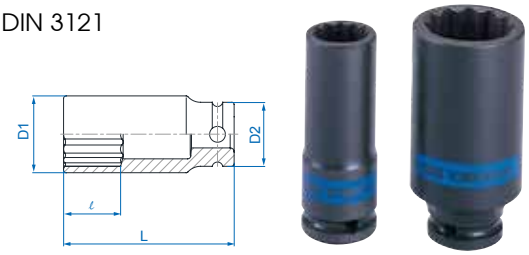
▪ DIN 3121



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

4930M — 1/2"

▪ DIN 3121



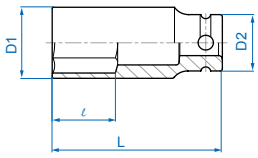
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
493008M	8	13.2	25	20	78	130	6 / 120
493009M	9	14.0	25	20	78	135	6 / 120
493010M	10	15.5	25	20	80	150	6 / 120
493011M	11	16.7	25	20	80	160	6 / 120
493012M	12	18.0	25	20	80	170	6 / 120
493013M	13	19.0	25	20	80	165	6 / 120
493014M	14	20.5	25	20	80	180	6 / 120
493015M	15	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

Impact Thin Wall Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

4935M — 1/2"

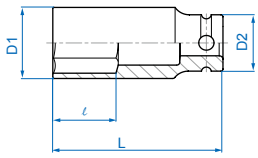
▪ DIN 3121



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
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 / 60

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 / 120
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

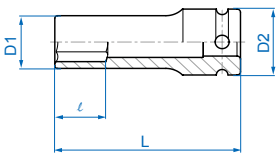
Extra Thin Wall Impact Socket

- 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)



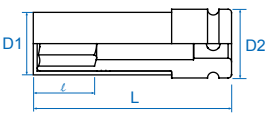
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
441517M	17	23.8	25	17	80	171	6 / 96
441519M	19	25.8	30	20	80	209	6 / 96
441521M	21	27.8	30	22	80	219	6 / 96
441522M	22	29.5	30	24	80	237	6 / 96

Wheel Nut Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk
- Durable outer sleeve protects polished wheels and lug nut

4945MX — 1/2"

▪ DIN 3121



17mm 19mm 21mm

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

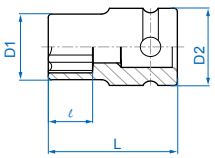
Impact Star Socket

KT No. & D1

4575M — 1/2"

- For torx external screw
- DIN 3121

KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	
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

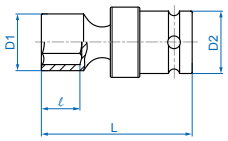
- Material - chrome vanadium steel
- Finishing - phosphate sunk

4B55M — 1/2"

4B55S — 1/2"

- Special design for confined spaces
- DIN 3121

Standard Length



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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

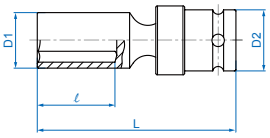
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
4B5512S	3/8	17.0	27.5	12	64	161	10 / 120
4B5514S	7/16	19.0	27.5	12	64	166	10 / 120
4B5516S	1/2	21.8	27.5	12	64	176	10 / 120
4B5518S	9/16	22.0	27.5	12	64	174	10 / 120
4B5520S	5/8	23.9	27.5	12	64	180	10 / 120
4B5522S	11/16	25.0	27.5	12	64	173	10 / 120
4B5524S	3/4	27.9	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 — 1/2"

4A55S — 1/2"

- Special design for confined spaces
- DIN 3121

Deep Version



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
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

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

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

4055M 1/2"

- Hexagon head
- DIN 3121

KT NO.	mm	L mm	Max. torq Nm	g	pcs/box
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
405519M	H19	60	786.0	199	10 / 80

4055S 1/2"

- Hexagon head
- ANSI/ASME B107.2

KT NO.	inch	L mm	Max. torq Nm	g	pcs/box
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

4056M 1/2"

- Spline head
- DIN 3121

KT NO.	Size	L mm	Max. torq Nm	g	pcs/box
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

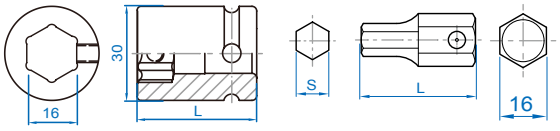
KT NO.	Size	L mm	g	pcs/box
405320	T20	60	58.0	10 / 180
405325	T25	60	73.0	10 / 180
405327	T27	60	73.5	10 / 180
405330	T30	60	74.0	10 / 180
405340	T40	60	85.0	10 / 180
405345	T45	60	90.0	10 / 180
405350	T50	60	95.0	10 / 180
405355	T55	60	100.0	10 / 180
405360	T60	60	105.0	10 / 180
405370	T70	60	105.0	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

1740 409616M 1/2"

- Hex bit & bit holder
- DIN 3121

1740

409616M



KT NO.	S mm	L mm	Max. torq Nm	g	pcs/box
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

Impact Bit Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

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

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

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

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

4075M 1/2"

- Hexagon head
- DIN 3121

KT NO.	mm	L mm	Max. torq Nm		
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

4147 1/2"

- Bit holder
- DIN 3121

KT NO.	Size	Overall length mm		
414708S	1/4"	48	69	12 / 216
414710S	5/16"	48	70	12 / 216
414710M	10 mm	48	72	12 / 216

414A08S 1/2"

- Bit holder
- Quick-release
- DIN 3121

KT NO.	Size	Overall length mm		
414A08S	1/4"	51.2	93.6	10 / 180

Impact Accessory

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

4260 4260P 1/2"

- Extension bar & with ball
- DIN 3121

4260

4260P

KT NO.	Overall length inch	mm		
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

KT NO.	Overall length inch	mm		
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

4269 1/2"

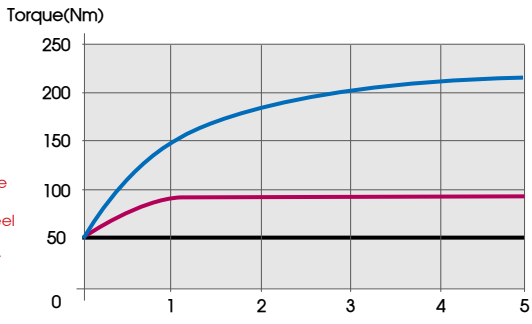
- Torque extension bar
- Color coded and engraved with Nm and ft.lb setting
- Helps to eliminate overtorqued lug nut

KT NO.	Color	Max. torq Nm	ft.lbs	Overall length inch	mm	
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

4269-08-90
4269-08-A0
4269-08-B0
4269-08-C0
4269-08-D5
4269-08-F0
4269-08-G0
4269-08-H5
4269-08-J0
4269-08-K0

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.



Standard impact socket

90Nm Torque extension bar

1/2" Impact wrench 0.6Mpa Air pressure

Impact Accessory Set

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

4481PP1 1/2"

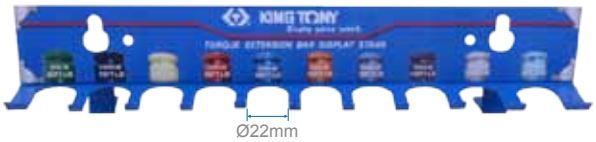
▪ Torque extension bar set

Contents		15.51 kg / 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

9TE41

▪ Hook for torque extension bar
▪ Groove capacity: 22 mm



KT NO.	Overall length (mm)	g	
9TE41	311	196.4	1 / 24

Impact Accessory

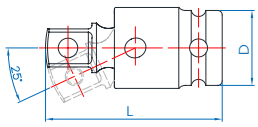
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

4796 4796P 1/2"

- Universal joint & with ball
- DIN 3121

4796



4796P

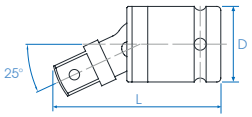
KT NO.	Overall length inch	Overall length mm	D mm	g	pcs/box
4796	2-3/8	59	25	121	6 / 96
4796P	2-3/8	59	25	121	6 / 96

479AP 4797 4797P 1/2"

- Universal joint & with ball
- DIN 3121

479AP

4797



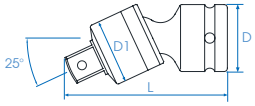
4797P

KT NO.	Overall length inch	Overall length mm	D mm	g	pcs/box
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

4798

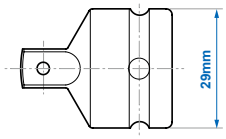


4798P

KT NO.	Overall length inch	Overall length mm	D mm	D1 mm	g	pcs/box
4798	3	74	29.1	29.1	222	6 / 96
4798P	3	74	29.1	29.1	222	6 / 96

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

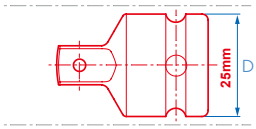
4863 & 4866

4863P & 4866P

KT NO.	Spec.	g	pcs/box
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

4873 4873P 1/2"

- Adapter & with ball
- Convert to 3/8"
- 4873 → Max. torque:303 Nm
- DIN 3121



4873 / 4873P

4873

4873P

KT NO.	Spec.	D mm	g	pcs/box
4873	1/2"F x 3/8"M	25	80	10 / 160
4873P	1/2"F x 3/8"M	25	80	10 / 160

Impact Accessory

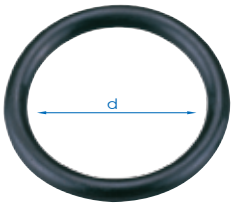
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

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	4.5	48
4835M	17,19,21	

7411PP 1/2"

11 PC.

Contents	7.63	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

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

4408MP 1/2"

Metal case size (mm) :
270 x 73 x 46 (0.032 cuft)

8 PC.

4408MP

Contents	1.3	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.

4408SP

Contents	1.3	1 / 20
4535S	3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 15/16	

Impact Socket Set

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

4412MP 1/2"

Metal case size (mm) :
224 x 94 x 40 (0.03 cuft)

11 PC.

Contents	1.5	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)

4414MP

4414SP

14 PC.

KT NO.	Contents			
4414MP	4535M	10, 11, 12, 13, 14, 15, 16, 17,18, 19, 21, 22, 24, 27	1.5	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	

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		

Impact Socket Set

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

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		

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	1.5	1 / 20
○ 4835M	10, 12, 13, 14, 17, 19, 21, 24	

Wheel Nut Impact Socket Set

4405MX 1/2"

- Thin wall impact socket set with plastic sleeve
- Durable outer sleeve and polished wheels and lug nuts

Blow case size (mm) :
149 x 132 x 45 (0.031 cuft)

3 PC.

Contents	0.83	1 / 16
○ 494517MX	17 mm	
○ 494519MX	19 mm	
○ 494521MX	21 mm	

Impact Socket Set

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

4406MX 1/2"

- Wheel nut impact socket
- Torque extension bar

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

6 PC.

Contents			Kg 2.13 / 1 / 10
○		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.

KT NO.	Contents		Kg 3.3 / 1 / 5
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.

KT NO.	Contents		Kg 2.6 / 1 / 5
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

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

4407MP 1/2"

- For hex head screw
- 60mmL

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

7 PC.

Contents — 0.94 kg / 1 / 20

4055M	H4, H5, H6, H8, H10, H12, H14

4418MP 1/2"

- For hex head screw
- 60mmL

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

8 PC.

Contents — 1.34 kg / 1 / 20

4055M	H5, H6, H8, H10, H12, H14, H17, H19

4457MP 1/2"

- For hex head screw
- 60mmL

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

7 PC.

Contents — 1.44 kg / 1 / 18

4065M	H4, H5, H6, H8, H10, H12, H14

4417PP 1/2"

- For torx internal screw
- 60mmL

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

7 PC.

Contents — 0.94 kg / 1 / 20

4053	T25, T30, T40, T45, T50, T55, T60

4476MP 1/2"

- For hex head screw
- 150mmL

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

6 PC.

Contents — 1.47 kg / 1 / 18

4075M	H5, H6, H8, H10, H12, H14

4467PP 1/2"

- For torx internal screw
- 100mmL

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

7 PC.

Contents — 1.31 kg / 1 / 18

4063	T25, T30, T40, T45, T50, T55, T60

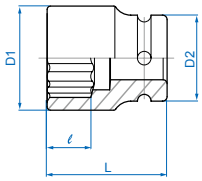
Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

6510M 3/4"

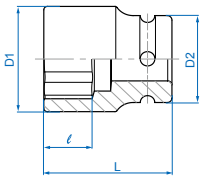
- Lightweight type
- DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
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

6515M 3/4"

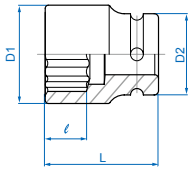
- Lightweight type
- DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
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		
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

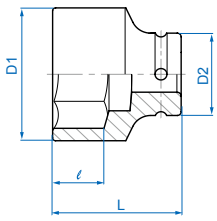
Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

6535M — 3/4"

▪ DIN 3121

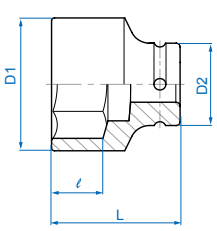


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
653517M	17	29.0	44	10	50	316	6 / 48
653518M	18	30.0	44	10	50	324	6 / 48
653519M	19	32.0	44	10	50	329	6 / 48
653521M	21	35.0	44	13	50	341	6 / 48
653522M	22	36.0	44	13	50	346	6 / 48
653523M	23	37.0	44	15	50	350	6 / 48
653524M	24	38.0	44	15	50	352	6 / 48
653526M	26	40.0	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
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

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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
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	84.5	54	40	80	1341	1 / 12
653565M	65	86.5	54	43	80	1358	1 / 12

6535S — 3/4"

▪ ANSI/ASME B107.2



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
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

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
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

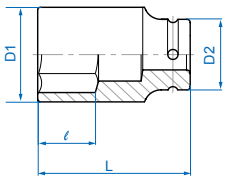
Deep Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

6435M 3/4"

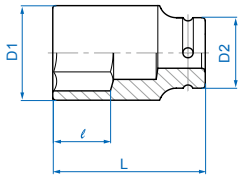
- DIN 3121



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

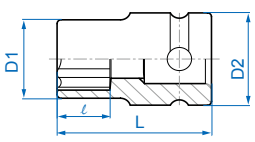


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
643524S	3/4	32	38	16	90	455	1 / 24
643526S	13/16	35	38	18	90	490	1 / 24
643528S	7/8	36	38	18	90	495	1 / 24
643530S	15/16	37	38	23	90	495	1 / 24
643532S	1	38	38	25	90	500	1 / 24
643534S	1-1/16	42	44	27	90	624	1 / 24
643536S	1-1/8	44.7	44	27	90	680	1 / 24
643538S	1-3/16	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

Impact Star Socket

6575M 3/4"

- For torx external screw
- DIN 3121



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
657524M	E24	32.5	44.0	17.0	56	382	6 / 48
657526M	E26	35.0	44.0	19.0	56	403	6 / 48
657528M	E28	36.5	44.0	25.5	56	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

Thin Wall Impact Socket

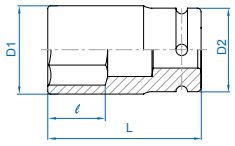
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

6835M — 3/4"

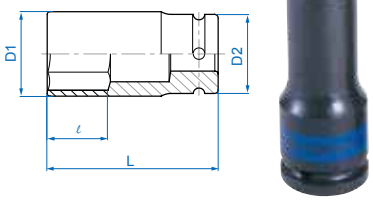
- DIN 3121

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"

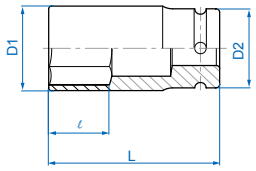
- DIN 3121



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

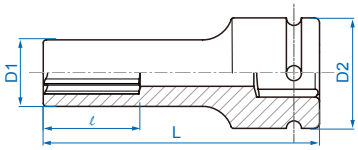


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
693524S	3/4	30.0	38	16	90	370	1 / 24
693526S	13/16	33.0	38	18	90	380	1 / 24
693528S	7/8	34.0	38	18	90	385	1 / 24
693530S	15/16	36.5	38	23	90	415	1 / 24
693532S	1	38.0	38	23	90	500	1 / 24
693534S	1-1/16	40.0	44	25	90	654	1 / 24
693536S	1-1/8	43.0	44	25	90	680	1 / 24
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

6475M — 3/4"

- For torx external screw
- DIN 3121
- For the operation of cylinder head bolts
- E-18 on MAN commercial vehicles M 2000 and MAN busses with D 08 engines
- E-20 on MAN commercial vehicles F 2000, F 90, F 8 and MAN busses with D 25 and D 28 engines
- E-24 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

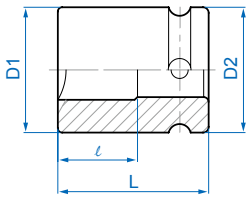
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

6514M — 3/4"

- 4 points
- DIN 3121

KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
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

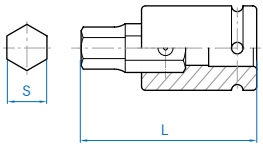
6015M — 3/4"

- Hexagon head
- DIN 3121

KT NO.	mm	L mm	Max. torq Nm		
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		
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

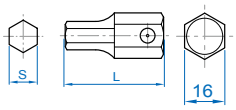
Impact Bit Socket

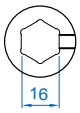
1740 | 609616M 3/4"

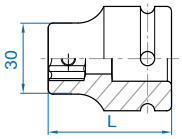
- Hex bit & bit holder
- DIN 3121

1740

609616M







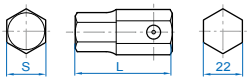
KT NO.	S mm	L mm	Max. torq Nm	g	pcs/box
174010H	H10	40	264	46	20 / 400
174012H	H12	40	480	52	20 / 400
174014H	H14	40	684	60	20 / 200
174017H	H17	40	880	73	20 / 200
174019H	H19	40	880	80	20 / 200
174022H	H22	40	880	97	12 / 120
609616M	16	52	-	370	6 / 48

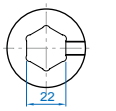
1954 | 609622M 3/4"

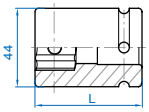
- Hex bit & bit holder
- DIN 3121

1954XXH

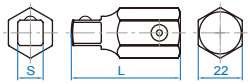
609622M







195404R



KT NO.	S mm	L mm	Max. torq Nm	g	pcs/box
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
new 195404R	1/2"M	54.5	-	135	12 / 120

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

Impact Accessory

6260 | 6260P 3/4"

- Extension bar & with ball
- DIN 3121

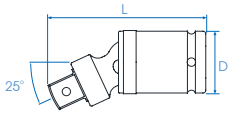
6260

6260P

KT NO.	Overall length inch	Overall length mm	g	pcs/box
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

6797 | 6797P 3/4"

- Universal joint & with ball
- DIN 3121



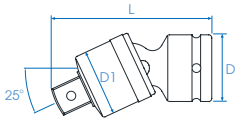
6797

6797P

KT NO.	Overall length inch	Overall length mm	D mm	g	pcs/box
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	Overall length mm	D (mm)	D1 (mm)	g	pcs/box
6798	4-1/4	108	44	44	736	2 / 20
6798P	4-1/4	108	44	44	736	2 / 20

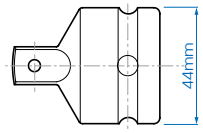
Impact Accessory

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

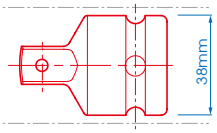
6864 6864P 6868 6868P 3/4"

- 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.		
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)		
6874	3/4"F x 1/2"M	38	255	6 / 48
6874P	3/4"F x 1/2"M	38	255	6 / 48

90403 90404 90405 3/4"

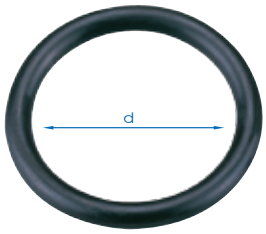
- Locking ring
- High tensile rubber material

90603 90604 90607 3/4"

- Locking pin
- Chrome vanadium steel
- DIN 3129

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")
90603	pin	4.0	35	6015M (21~27mm) 6260.6797.6798.6864 6530M (17~46mm) 6868 6835M (17~32mm) 609616M.609622M
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	

90603
90604
90607



90403
90404
90405

Impact Socket Set

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

6408MP | 6408MP10 | 6408SP10 3/4"

Metal case size (mm) :
241 x 124 x 68 (0.07 cuft)

6408SP10

6408MP / 6408MP10

8 PC.

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	3.5	
	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	3.5	

6409MP | 6409MP03 | 6409MP10 | 6409SP10 3/4"

Metal case size (mm) :
445 x 100 x 65 (0.10 cuft)

8 PC.

6409MP / 6409MP03 / 6409MP10

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	
6409MP10	6515M	26, 29, 30	4.6	
	6535M	32, 34, 35, 36, 38		
6409SP10	6535S	1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2	4.6	

Impact Socket Set

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

6410MP | 6410SP | 3/4"

Metal case size (mm) :
445 x 100 x 65 (0.10 cuft)

8 PC.

6410MP

6410SP

KT NO.		Contents	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		

Impact Bit Socket Set

6411MP | 3/4"

Metal case size (mm) :
270 x 100 x 49 (0.048 cuft)

11 PC.

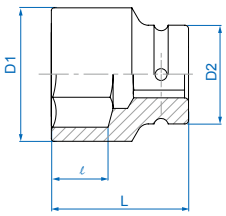
Contents			1.5	1 / 8
○	6096M	16, 22		
●	1740	H10, H12, H14, H17		
●	1954	H19, H22, H24, H27, H32		

Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8535M 1"

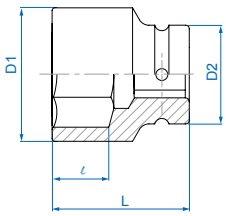
▪ DIN 3129, ISO 2725-2



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
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
new 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
new 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	g	
853524S	3/4	35	54	15	58	508	1 / 24
853526S	13/16	37	54	15	58	529	1 / 24
853528S	7/8	38	54	15	58	520	1 / 24
853530S	15/16	41	54	17	58	529	1 / 24
853532S	1	42	54	17	58	567	1 / 24
853534S	1-1/16	44	54	19	58	538	1 / 24
853536S	1-1/8	47	54	19	58	600	1 / 24
853538S	1-3/16	48	54	20	60	592	1 / 24
853540S	1-1/4	51	54	20	62	679	1 / 24
853542S	1-5/16	52	54	20	62	700	1 / 24
853544S	1-3/8	54	54	20	62	779	1 / 24
853546S	1-7/16	56	54	20	65	729	1 / 24
853548S	1-1/2	58	54	22	65	742	1 / 24
853550S	1-9/16	60	54	22	65	800	1 / 24
853552S	1-5/8	61	54	22	70	846	1 / 24
853554S	1-11/16	64	54	22	70	890	1 / 20
853556S	1-3/4	67	54	26	70	1000	1 / 20
853558S	1-13/16	68	54	26	75	1075	1 / 20
853560S	1-7/8	70	54	26	75	1085	1 / 20
853562S	1-15/16	72	54	26	75	1140	1 / 20
853564S	2	74	54	30	75	1235	1 / 20
853566S	2-1/16	75	54	30	80	1300	1 / 12
853568S	2-1/8	78	54	30	80	1400	1 / 12
853570S	2-3/16	79	54	32	83	1433	1 / 12
853572S	2-1/4	82	54	32	83	1500	1 / 12
853574S	2-5/16	83	54	32	83	1542	1 / 12
853576S	2-3/8	86	54	32	87	1758	1 / 12
853578S	2-7/16	88	54	34	87	1760	1 / 12
853580S	2-1/2	90	54	34	87	1750	1 / 12
853582S	2-9/16	92	54	34	90	1758	1 / 12
853584S	2-5/8	94	54	34	90	1966	1 / 12
853586S	2-11/16	95	54	34	90	1966	1 / 12
853588S	2-3/4	97	54	34	93	2112	1 / 8
853590S	2-13/16	99	86	36	93	2925	1 / 8
853592S	2-7/8	102	86	36	93	3050	1 / 8
853594S	2-15/16	104	86	36	95	3188	1 / 8
853596S	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

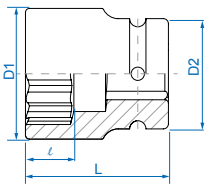
Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8530S new — 1"

▪ ANSI/ASME B107.2

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
853024S	3/4	35	54	15	58	508	1 / 24
853030S	15/16	37	54	15	58	529	1 / 24
853032S	1	42	54	17	58	567	1 / 24
853036S	1-1/8	47	54	19	58	600	1 / 24
853040S	1-1/4	51	54	20	62	679	1 / 24
853044S	1-3/8	54	54	20	62	779	1 / 24
853046S	1-7/16	56	54	20	65	729	1 / 24
853054S	1-11/16	64	54	22	70	890	1 / 20
853056S	1-3/4	67	54	26	70	1000	1 / 20
853066S	2-1/16	75	54	30	80	1300	1 / 12
853072S	2-1/4	82	54	32	83	1500	1 / 12
853076S	2-3/8	86	54	32	87	1758	1 / 12

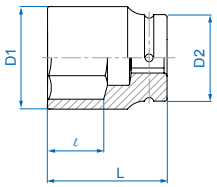


Deep Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8435M — 1"

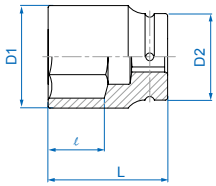
▪ DIN 3121



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

8435S — 1"

▪ ANSI/ASME B107.1



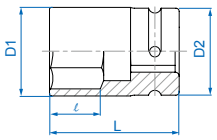
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
843530S	15/16	40.8	54	25	90	850	1 / 24
843532S	1	42	54	25	90	860	1 / 24
843534S	1-1/16	44	54	25	90	879	1 / 24
843536S	1-1/8	46.3	54	25	90	900	1 / 24
843538S	1-3/16	48	54	28	90	916	1 / 24
843540S	1-1/4	51	54	28	90	979	1 / 24
843542S	1-5/16	52	54	28	92	1016	1 / 24
843544S	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

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

Thin Wall Impact Socket

8835M — 1"

- Thin wall version
- 6 points
- Metric size
- DIN 3121

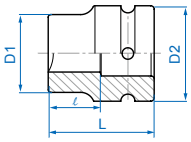


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
883524M	24	38.0	54	26	80	626	1 / 24
883527M	27	42.0	54	26	80	643	1 / 24
883529M	29	44.0	54	26	80	700	1 / 24
883530M	30	46.0	54	30	80	696	1 / 24
883532M	32	48.0	54	30	80	714	1 / 24
883533M	33	49.0	54	30	80	748	1 / 24
883534M	34	50.0	54	30	80	764	1 / 24
883535M	35	52.0	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

Rear Wheel Socket

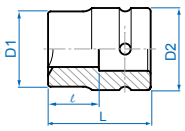
8514M | 8514S | 8524M — 1"

- 4 points
- DIN 3121



8514M

8514M
deep version



8524M

8524M

8514S

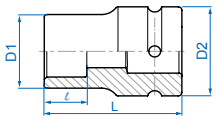
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
851417M	17	40.0	54	30.0	60	618	1 / 24
851419M	19	42.0	54	30.0	60	618	1 / 24
851420M	20	43.0	54	30.0	60	621	1 / 24
851421M	21	44.0	54	30.0	60	621	1 / 24
851422M	22	45.5	54	30.0	60	621	1 / 24
852421M	21	44.0	48	30.0	60	621	1 / 24

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
851426S	13/16	44	54	30.0	60	625	1 / 24

Rear Wheel Socket

8534M — 1"

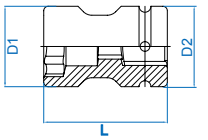
- 4 points
- DIN 3121



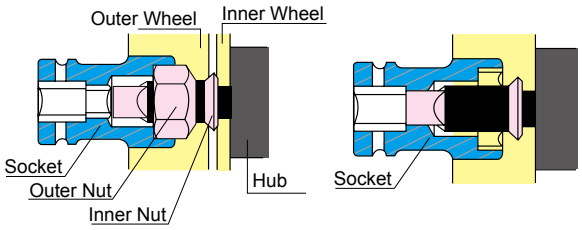
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
853417M	17	38.0	54	23.5	76	628	1 / 24
853419M	19	43.0	54	23.5	76	682	1 / 24
853421M	21	47.0	54	23.5	76	733	1 / 24

8545M — 1"

- DIN 3121



Use for



The wheel nut socket fits onto both outer nut and inner nut

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
85451735M	35 x 17	54	54	13	83	1042	1 / 24
85451941M	41 x 19	55	54	14	83	985	1 / 24
85452038M	38 x 20	58	54	14	87	1099	1 / 24
85452041M	41 x 20	58	54	14	87	1086	1 / 24
85452141M	41 x 21	58	54	14	87	1071	1 / 24

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

Impact Bit Socket

8015M 1"

- Hexagon head
- DIN 3121

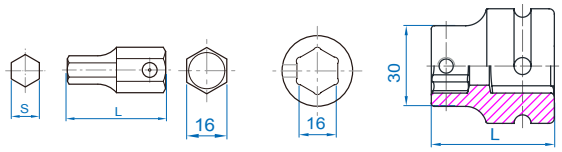
KT NO.	mm	L mm		
801519M	H19	75	860	1 / 24

1954 809622M

- Hex bit & bit holder
- DIN 3121

1954

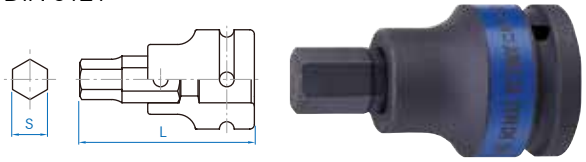
809622M



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

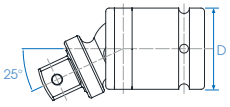
8260P

KT NO.	Overall Length inch	mm		
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	mm	D mm		
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.		
8866	1"F x 3/4"M	562	4 / 32
8866P	1"F x 3/4"M	562	4 / 32

Impact Accessory

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8869 8869P 1"

- Adapter & with ball
- Convert to 1-1/2" drive
- DIN 3121

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

8869

8869P

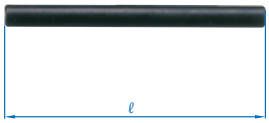
90405 90406

- Locking ring
- High tensile rubber material

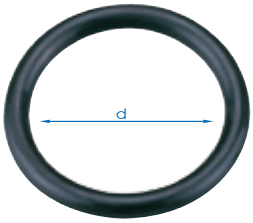
90605 90606 1"

- Locking pin
- Chrome vanadium steel
- DIN 3129

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	



90605
90606



90405
90406

Impact Socket Set

8410MP 8410SP 1"

Metal case size (mm) :
280 x 130 x 74 (0.095 cuft)

8410MP

8410SP

8 PC.

KT NO.		Contents	kg 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 Socket Set

8409MP 1"

Metal case size (mm) :
445 x 100 x 65 (0.104 cuft)

8 PC.

Contents		7.82 kg	1 / 2
8435M	24, 27, 30, 32, 33, 36, 38, 41		

8408MP 1"

- 6 PC. thin wall version
- 2 PC. rear wheel

Metal case size (mm) :
445 x 120 x 68 (0.128 cuft)

8 PC.

Contents		6.9 kg	1 / 2
8835M	24, 27, 32, 36, 38, 41		
8534M	17, 21		

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 kg	1 / 2
8835M	24, 27, 32, 36, 38, 41		
8534M	19, 21		

Impact Accessory

9260 9260P 1-1/2"

- Extension bar & with ball
- DIN 3121

9260

9260P

KT NO.	Overall length inch	Overall length 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

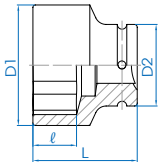
KT NO.	Spec.	g	
9868	1-1/2" F x 1"M	2360	1 / 6
9868P	1-1/2" F x 1"M	2360	1 / 6

Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

9535M 1-1/2"

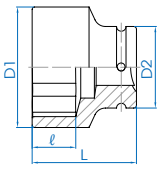
▪ DIN 3129



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



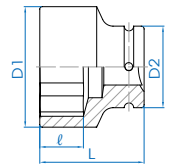
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
953564S	2	81	86	35	85	2400	1 / 6
953566S	2-1/16	82	86	36	85	3075	1 / 6
953568S	2-1/8	84	86	36	90	3214	1 / 6
953570S	2-3/16	85	86	43	93	3204	1 / 6
953572S	2-1/4	87	86	43	93	3205	1 / 6
953574S	2-5/16	89	86	43	93	3263	1 / 6
953576S	2-3/8	90	86	45	95	2950	1 / 6
953578S	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

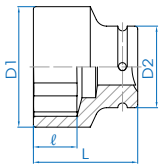


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
A535041M	41	78	127	39	115	5985	1 / 4
A535046M	46	83	127	39	115	5971	1 / 4
A535050M	50	88	127	39	115	6050	1 / 4
A535051M	51	89	127	39	115	6064	1 / 4
A535055M	55	94	127	42	115	6148	1 / 4
A535057M	57	96	127	42	115	6180	1 / 4
A535060M	60	100	127	45	125	6878	1 / 2
A535065M	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		
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

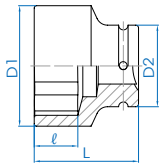
(Make - to - order production)

Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

B535M 3-1/2"

▪ DIN 3129

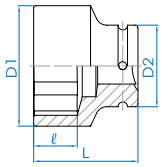


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
B535105M	105	165	175	70	175	18736	1 / 1
B535110M	110	170	175	75	175	19192	1 / 1
B535115M	115	175	175	78	180	19740	1 / 1
B535120M	120	180	175	80	185	20249	1 / 1
B535125M	125	185	175	82	185	21866	1 / 1
B535130M	130	190	175	85	194	22709	1 / 1
B535135M	135	200	175	90	200	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

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 & ASME B107.14M-2004 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.

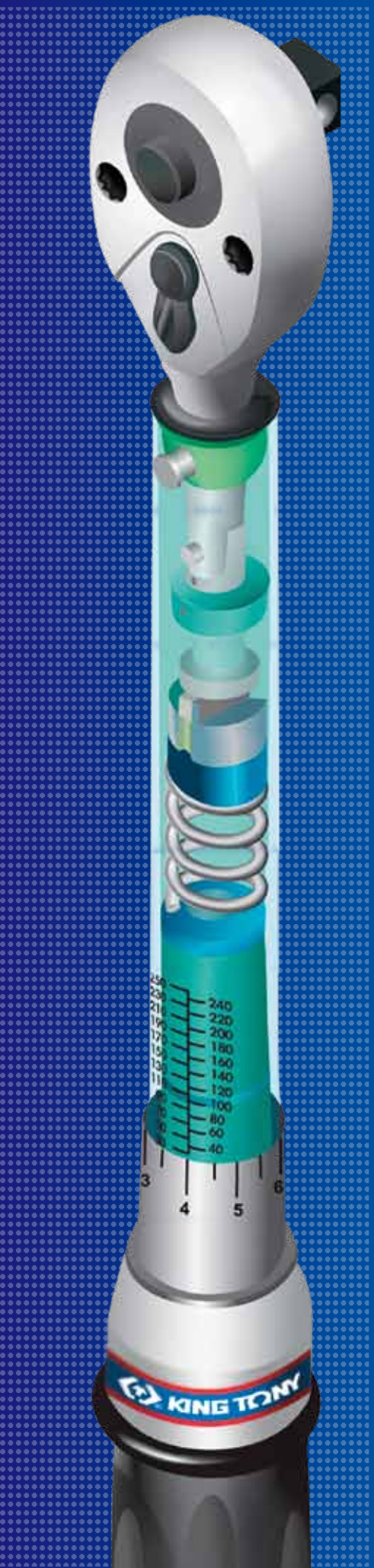
Assuming the users are trained to use the torque wrenches, and follow the provided comments of instruction, a period of twelve months is reasonable for torque wrenches used in non safety critical areas.
For those tools used in critical applications, a three month or even monthly check would be suggested.

KING TONY
Certificate of Calibration
Model : 34462-2DG
Serial No. : 0810600435
Wrench Capacity: 60-340
Units : Nm Date of Calibration: 2008/10/01
Testing Standard No.: DIN-ISO6789
Inspector Approval
KING TONY TOOLS CO.,LTD.

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

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:

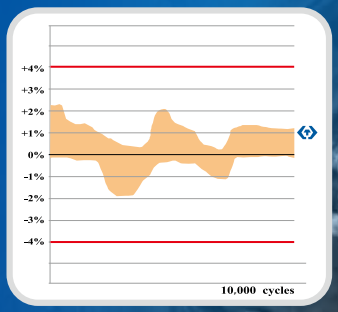
- Made of high quality alloy steel to offer extrnded working cycles

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

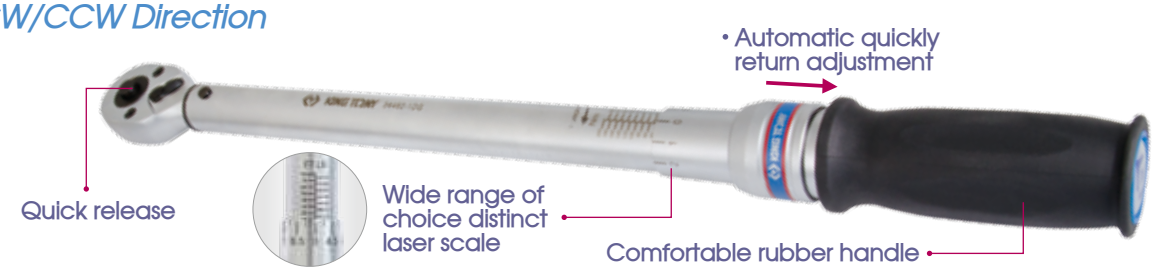


- **±3% tolerance of torque and 10,000 cycles durability performs better than international standard "DIN ISO 6789 & ASME B170.300-2010" with ±4% tolerance and 5,000 cycles requirement.**

Heavy Duty Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789 & 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 (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"	30~200 in.lb.	1 in.lb.	4.0~22.0 Nm	0.12 Nm	324	640	1 / 12
34362-1CG	24	3/8"	30~200 in.lb.	1 in.lb.	4.0~22.0 Nm	0.12 Nm	324	640	1 / 12
34362-2CG	32	3/8"	10~80 ft.lb.	0.5 ft.lb.	16.9~105.1 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"	30~250 ft.lb.	1 ft.lb.	47~332 Nm	1.4 Nm	613	1810	1 / 12
34662-1CG	24	3/4"	50~450 ft.lb.	5 ft.lb.	102~576 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
new 34462-3DG	32	1/2"	20~100 Nm	1 Nm	436	1300	1 / 2
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
- 34662-3DK: 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"	30~200 in.lb.	1 in.lb.	324	640	1 / 12
34362-1EG	24	3/8"	30~200 in.lb.	1 in.lb.	324	640	1 / 12
34362-2EG	32	3/8"	10~80 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"	30~250 ft.lb.	1 ft.lb.	613	1810	1 / 12
34662-1EG	24	3/4"	50~450 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
new 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 & 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

It needs to use with extension bar

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		
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		
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		
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		
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		
34862-2GG	1"	30~150 Kgf.m	1 Kgf.m	343~1422 Nm	5 Nm	1850	12200	1 / 2

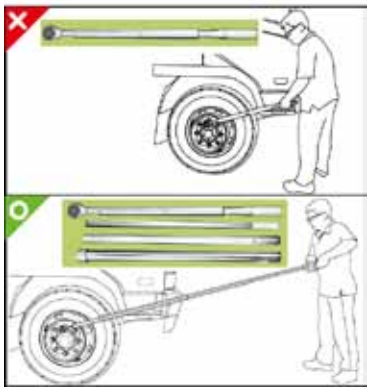
Heavy Duty Adjustable Torque Wrench

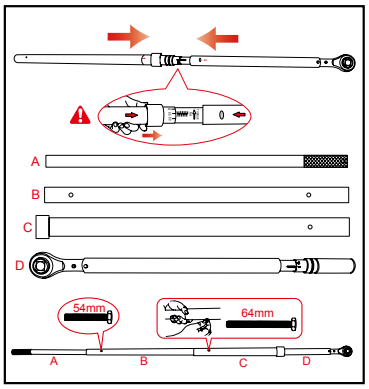
Design for easy torque adjustment
Quality accords to DIN ISO 6789 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

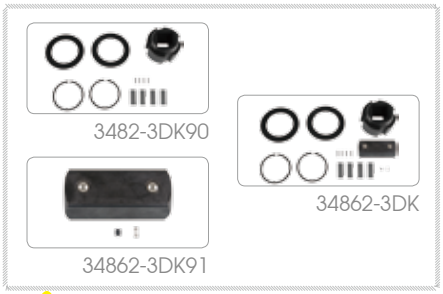
1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

Push through mechanism for easy repair

Wide range of choice
Distinct laser scale







CAUTION

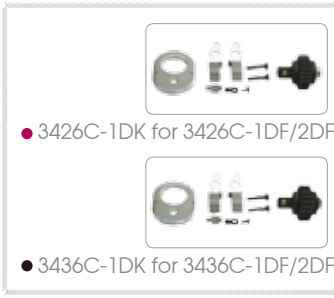
1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

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
34862-3FF	1"	443~1771 ft.lb.	14.77 ft.lb.	500~2500 Nm	20 Nm	2755	25380	1 / 1

Heavy Duty Mini-type Torque Wrench

Industrial application
Quality accords to DIN ISO 6789 & ASME B107.14M-2004
Tolerance of torque ±3%(CW)
CW/CCW Direction



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 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

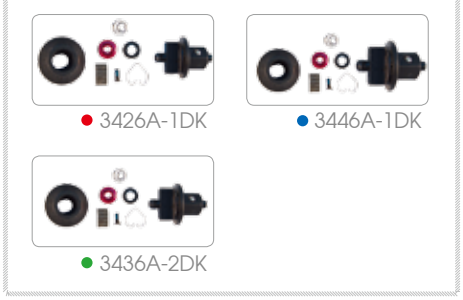
1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

Single scale - Newton Meter (Nm)

	KT NO.	Square drive	Torque range Nm	Incr.	Overall length mm	g	
●	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	g	
●	3426A-1EG	1/4"	20~100 in.lb.	1 in.lb.	285	560	1 / 24
●	3426A-2EG	1/4"	30~200 in.lb.	1 in.lb.	325	640	1 / 24
●	3436A-2EG	3/8"	10~80 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"	30~250 ft.lb.	1 ft.lb.	590	1750	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.

Heavy Duty Interchangeable Torque Wrench

Using standard insert head
Positive button design which removes the insert head easily
Quality accords to DIN ISO 6789 & 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	30~200 in.lb.	1 in.lb	4.0~22.0 Nm	0.12 Nm	306	590	1 / 12
34512-3CG	9 x 12	10~80 ft.lb.	0.5 ft.lb	16.9~105.1 Nm	0.7 Nm	430	1270	1 / 12
34522-1CG	14 x 18	10~80 ft.lb.	0.5 ft.lb	16.9~105.1 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	30~250 ft.lb.	1 ft.lb	47~332 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	30~200 in.lb.	1 in.lb	306	590	1 / 12
34512-3EG	9 x 12	10~80 ft.lb.	0.5 ft.lb	430	1270	1 / 12
34522-1EG	14 x 18	10~80 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	30~250 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

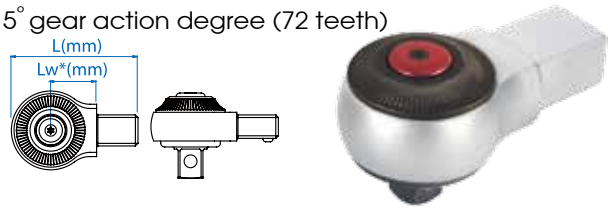
1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

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

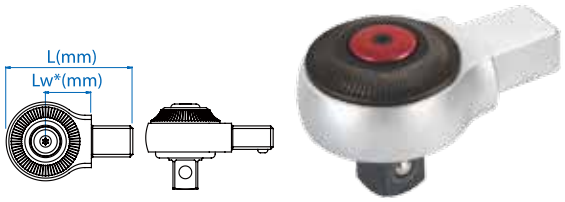
- Ratchet insert tool
- 5° gear action degree (72 teeth)



● 3426A-1DK (For 34503102R) ● 3436A-1DK (For 34503103R) ● 3446A-1DK (For 34503104R)

KT NO.	Size	mm	Lw* mm	L mm	g	
● 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



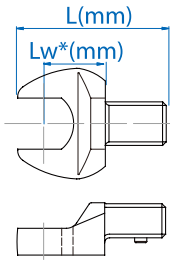
● 3436A-2DK (For 34503203R) ● 3446A-1DK (For 34503204R) ● 3466A-1DK (For 34503206R)

KT NO.	Size	mm	Lw* mm	L mm	g	
● 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

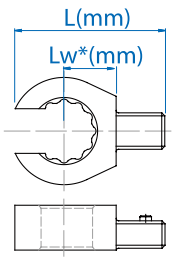
KT NO.	Size mm	mm	Lw* mm	L mm	g	
34501107M	7	9 x 12	17.5	37.4	36	12 / 192
34501108M	8	9 x 12	17.5	37.9	37	12 / 192
34501109M	9	9 x 12	17.5	37.9	37	12 / 192
34501110M	10	9 x 12	17.5	38.2	41	12 / 192
34501111M	11	9 x 12	17.5	39.0	39	12 / 192
34501112M	12	9 x 12	17.5	39.0	40	12 / 192
34501113M	13	9 x 12	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	g	
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

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

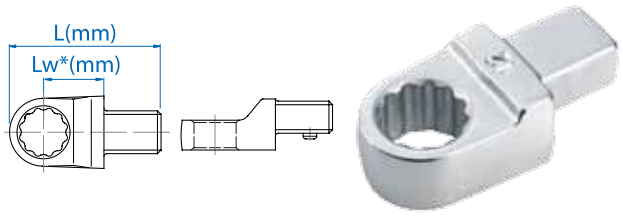


Insert Tool

345021

• Chrome plated

▪ Ring insert tool

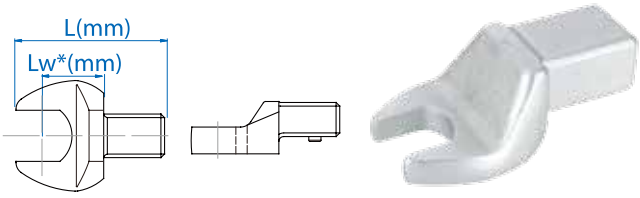


KT NO.	Size mm	mm	Lw* mm	L mm		
34502107M	7	9 x 12	17.5	39	37	12 / 288
34502108M	8	9 x 12	17.5	40	36	12 / 288
34502110M	10	9 x 12	17.5	41	39	12 / 288
34502111M	11	9 x 12	17.5	43	42	12 / 288
34502112M	12	9 x 12	17.5	43	51	12 / 288
34502113M	13	9 x 12	17.5	44	51	12 / 288
34502114M	14	9 x 12	17.5	45	52	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		
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

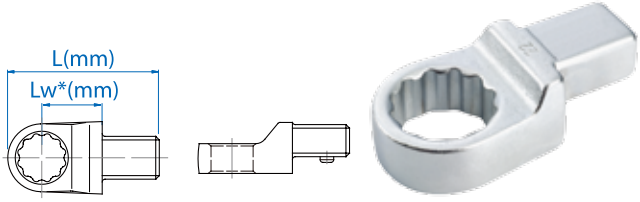


KT NO.	Size mm	mm	Lw* mm	L mm		
34501213M	13	14 x 18	25	58	117	12 / 192
34501214M	14	14 x 18	25	58	120	12 / 192
34501215M	15	14 x 18	25	58	116	12 / 192
34501216M	16	14 x 18	25	59	127	10 / 160
34501217M	17	14 x 18	25	60	138	10 / 160
34501218M	18	14 x 18	25	60	136	10 / 160
34501219M	19	14 x 18	25	61	140	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		
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

345022

• Chrome plated



KT NO.	Size mm	mm	Lw* mm	L mm		
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

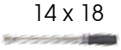
KT NO.	Size inch	mm	Lw* mm	L mm		
34502216S	1/2	14 x 18	25	62	129	12 / 192
34502218S	9/16	14 x 18	25	63	132	12 / 192
34502220S	5/8	14 x 18	25	63	137	12 / 192
34502224S	3/4	14 x 18	25	66	144	10 / 160

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

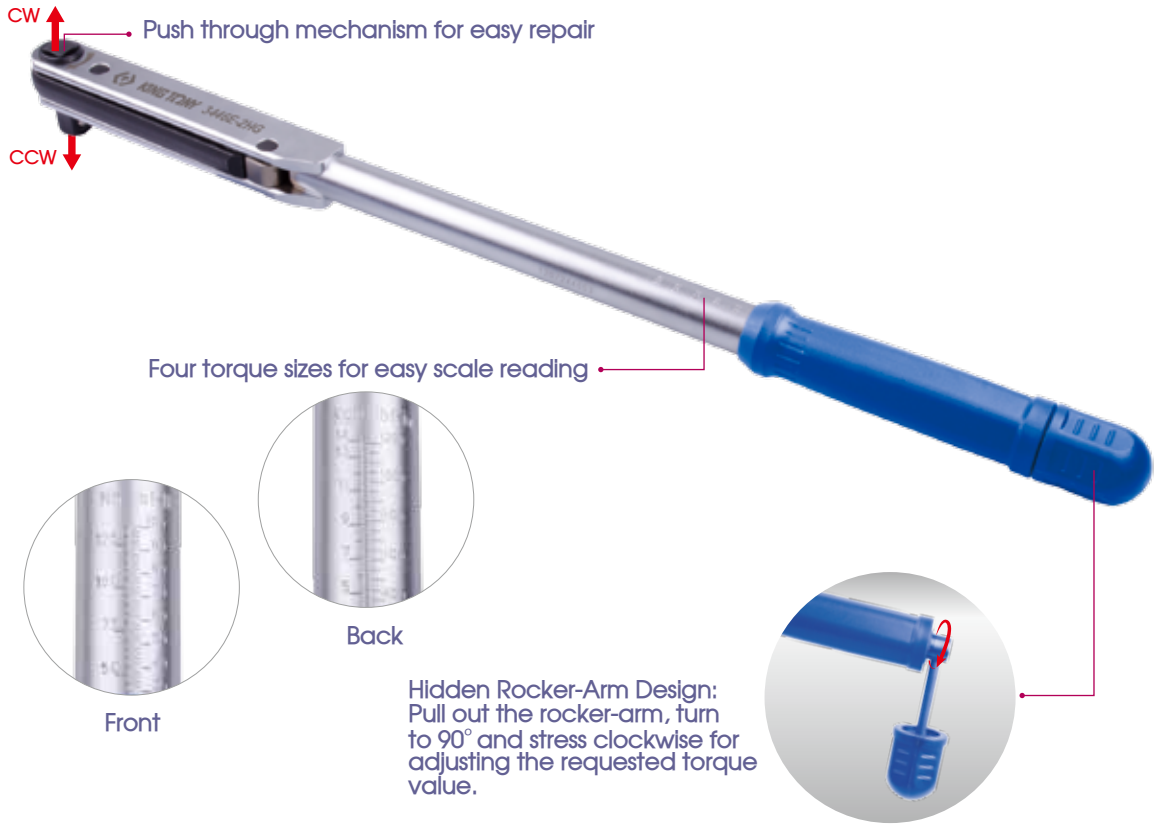
KT NO.	mm								Kg	
345102D08MR	9 x 12	34512-2DG	4~20 Nm		34503102R	1/4" DR	345011M	345021M	1.3	1 / 15
345104D08MR		34512-4DG	10~60 Nm		34503103R	3/8" DR			1.3	1 / 15
345101E08MR		34512-1EG	20~100 in.lb.		34503102R	1/4" DR			1.2	1 / 15
345102E08MR		34512-2EG	30~200 in.lb.		34503102R	1/4" DR	10, 13, 17	10, 13, 17	1.3	1 / 15

KT NO.	mm							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

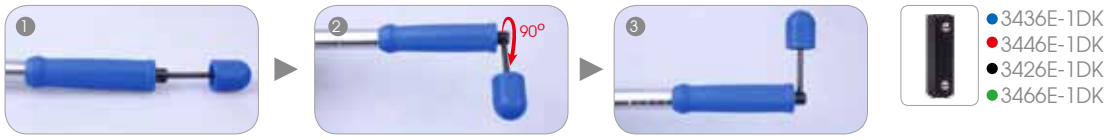
Classic Type Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789 & 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



Step:



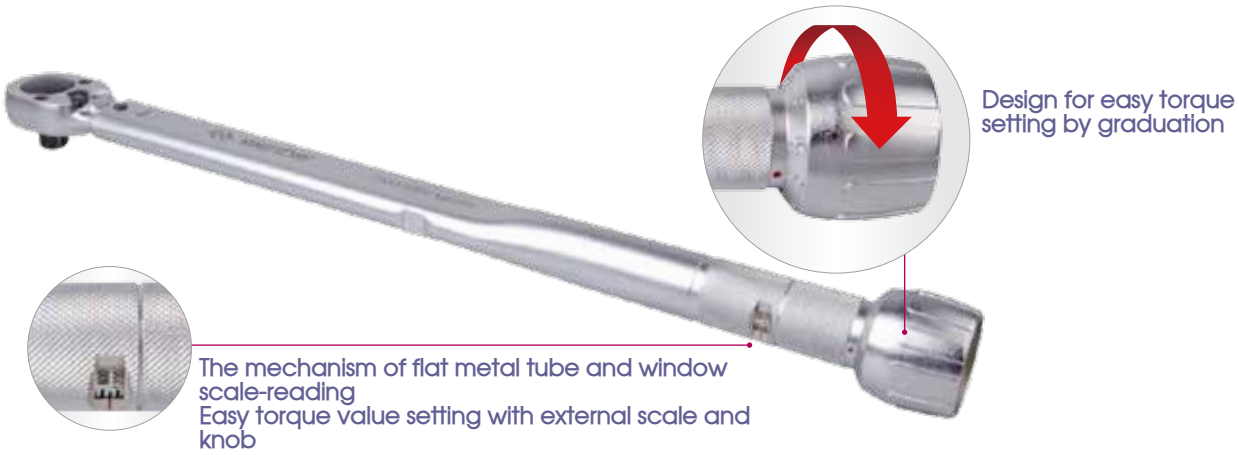
Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range Nm	Incr.	ft. lb.	Incr.	in. lb.	Incr.	gm / kg.m	Incr.	Overall length mm	g	
● 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"	5~33 Nm	1	4~24 ft.lb.	1	40~300 in.lb.	10	0.5~3.4 kgf.m	0.1	450	870	1 / 12
● 3436E-3HG	3/8"	12~68 Nm	2	10~50 ft.lb.	5	100~600 in.lb.	25	1.2~7 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 meets DIN ISO 6789 & ASME B107.300-2010

Ideal for using on oily, chemical and noisy assembling working field
The ratchet head with 15 degrees is easy operated in limited space



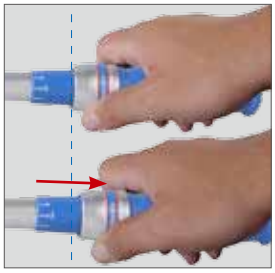
KT NO.	Gear teeth	Square drive	Torque range kgf.cm	Incr.	Overall length mm	g	
3442F-3KF	24	1/2"	400-2000 kgf.cm	20	498	1500	1 / 12

Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789 & 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
- 34464-2DK

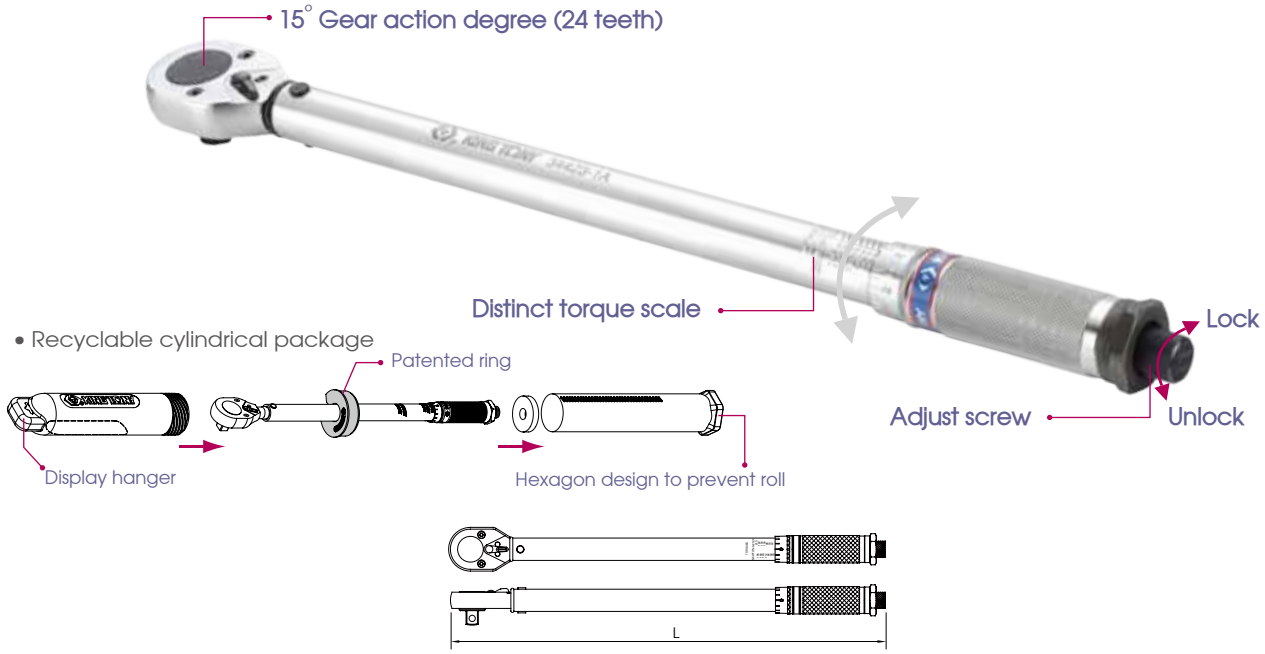
Dual Scale - Newton Meter & English (Nm / ft.lb.)

	KT NO.	Gear teeth	Square drive	Torque range Nm / ft.lb.	Incr.	Overall length mm	g	
●	34464-1FG	24	1/2"	40-210 Nm (31-154.9 ft.lb.)	1.0	470	1250	1 / 12
●	34464-2FG	24	1/2"	50-350 Nm (36.9-258 ft.lb.)	3.0	590	1590	1 / 12

Adjustable Torque Wrench

Quality accords to DIN ISO 6789 & 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"	50~350 Nm	3 Nm	5.1~35.7 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"	25~250 in. lb.	1.5 in.lb.	29~288 kgf.cm	1.13 kgf.cm	280	595	1 / 12
34323-1B	3/8"	25~250 in. lb.	1.5 in.lb.	29~288 kgf.cm	1.13 kgf.cm	280	595	1 / 12
34323-2B	3/8"	5~80 ft. lb.	0.5 ft.lb.	0.7~11.10 kgf.m	0.07 kgf.m	370	820	1 / 12
34423-1B	1/2"	10~150 ft. lb.	1 ft.lb.	1.4~20.7 kgf.m	0.14 kgf.m	450	1340	1 / 12
34423-2B	1/2"	30~250 ft. lb.	2 ft.lb.	4.2~34.6 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"	25~250 in.lb.	1 in.lb.	2.8~28.2 Nm	0.17 Nm	280	595	1 / 12
34323-1C	3/8"	25~250 in.lb.	1 in.lb.	2.8~28.2 Nm	0.17 Nm	280	595	1 / 12
34323-2C	3/8"	5~80 ft.lb.	0.5 ft.lb.	6.8~108.5 Nm	0.68 Nm	370	820	1 / 12
34423-1C	1/2"	10~150 ft.lb.	1 ft.lb.	13.6~203.4 Nm	1.35 Nm	450	1658	1 / 12
34423-2C	1/2"	30~250 ft.lb.	2 ft.lb.	40.7~339 Nm	2.71 Nm	570	2400	1 / 12

● 34223-1DK1

● 34323-1DK1
● 34323-2DK1

● 34423-1DK1(24T)
-series NO. before 090923xxxx

For 34423-2ABC
● 34423-2DK01(45T)
-series NO. after 090923xxxx

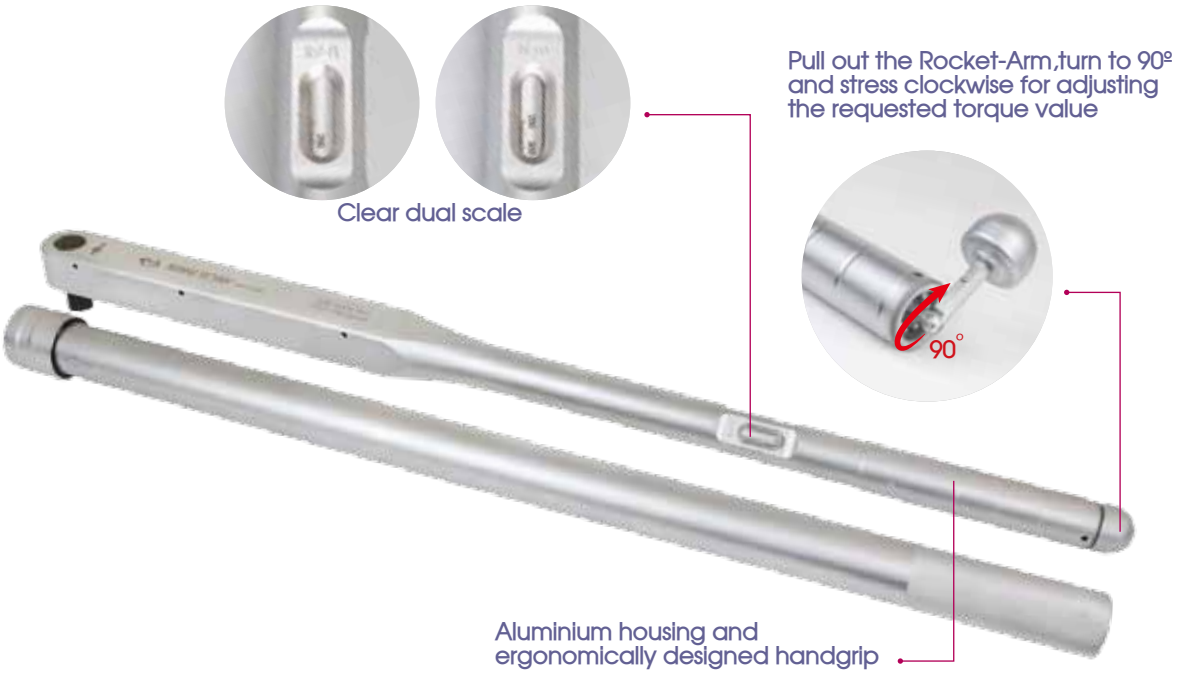
● 34423-3DK(24T)
-series NO. after 1309230001

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 new

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 & ASMEB 107.300-2010



Step:

Dual Scale - English & Newton Meter (ft. lb. & Nm)

KT NO.	Square drive	Torque range				Overall length		
		Nm	Incr.	ft.lb.	Incr.	mm	g	
3445G-1FB	1/2"	40~200 Nm	5	30~150 ft.lb.	5	555	1500	1 / 12
3465G-1FB	3/4"	110~550 Nm	10	80~400 ft.lb.	10	820	3000	1 / 2
3465G-2FB	3/4"	140~760 Nm	10	100~560 ft.lb.	10	820	3000	1 / 2
3465G-3FB	3/4"	200~1000 Nm	10	140~740 ft.lb.	10	820	3000	1 / 2
3485G-1FB	1"	600~1500 Nm	25	-	-	1615	10900	1 / 1
3485G-2FB	1"	750~2000 Nm	50	-	-	2370	11700	1 / 1

Electronic Torque Wrench

Electronic torque value readout
Peak hold and track mode selection
Angle accuracy (34387/34487)
Buzzer and LED indicator for preseting target torque
Engineering units (Nm, ft.lb, in.lb, kgf.m) adjustment
Switch off automatically after 80 seconds
DIN ISO 6789 & 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 :
Lit LCD display (±2 Digit) with measuring ranges that can be selected for Nm, ft.lb, in.lb, kg.m

0°
270°
90°
180°

Battery Cap :
- AAAx3
- battery life 110 hrs

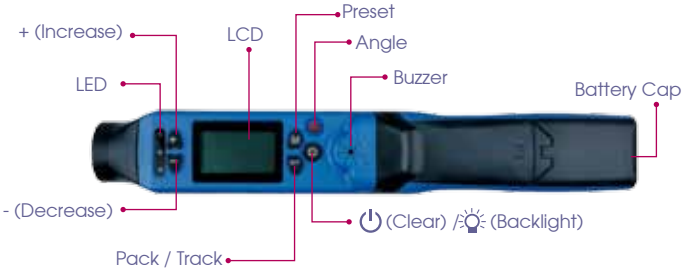
Signal :
3-way signal when the maximum torque value set is reached, as a result of the wrench can be used in loud .

LED warning light

Backlight

- 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	80 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				Overall length mm	g	
		Nm	ft.lb.	in. lb.	kg.m			
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	CR2032 x 1 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	80 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.)

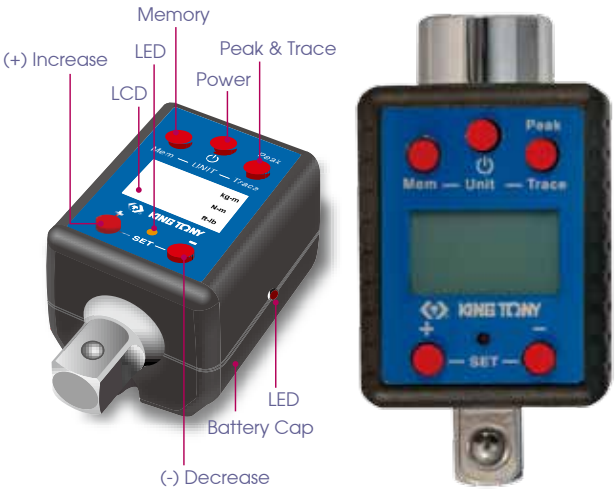
Dual Scale - English & Newton Meter (ft.lb. & Nm / kg.m)

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	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	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	198.5	12 / 48

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	80 seconds (if do not use electronic torque adapter.)
LED indicator	Green. Yellow. Red
Overload Alarm	1200 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	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.

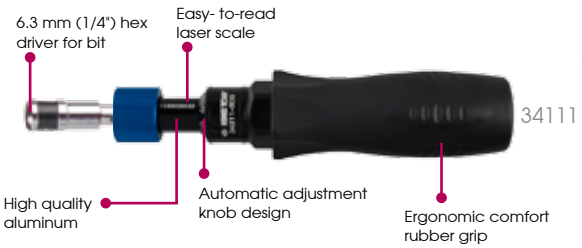
Torque Screwdriver

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 & 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 & ASME B107.14M-2004



Aluminum alloy

KT NO.	1/4"DR.	Torque range cNm / Nm / in-lb	Incr.	Overall length mm		
34111-1DG	○	10~120 cNm	1 cNm	180	207	1 / 24
34111-1EG	○	3~15 in-lb	0.1 in-lb	180	207	1 / 24
34111-2DG	○	1~6 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

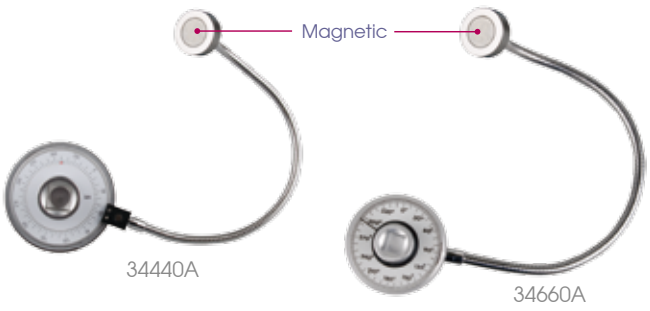
34440 34440A new 34660 34660A new

- 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.		
34440	1/2"Fx1/2"M	190	1 / 20
new 34440A	1/2"Fx1/2"M	256	6 / 12
34660	3/4"Fx3/4"M	623	1 / 10
new 34660A	3/4"Fx3/4"M	720	6 / 12

• Step 1: Set up the torque value by torque wrench

• Step 2: Adjust the angle by angle gauge



Torque Multiplier

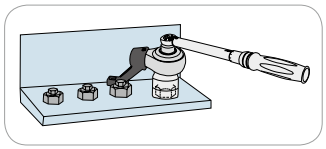
CAUTION

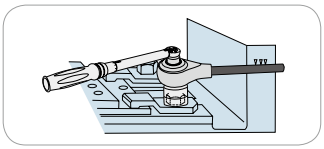
Don't use pneumatic tool together with the multiplier.

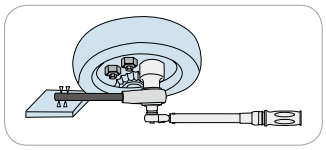
34486 34488 34688

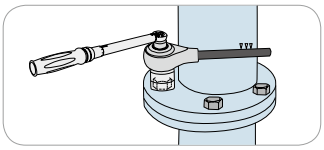
- Torque multiplication with 5:1, accuracy guaranteed better than ±5%
- Reaction bar supplied in two styles for maximum versatility
- Ideal construction offers minimal maintenance and extended life
- Portable package brings convenience for use in different working places

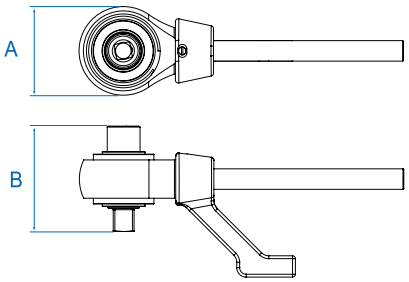
1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm











Contents

	34486-05A 34488-05A 34688-05A	Multiplier head 1 PC.
	34688-P01	Reaction bar 2 PC.
	34688-P02	Reaction bar 2 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	116.3	7	1 / 2
34488	5:1	1/2"	1"	400 / 290	2000 / 1450	108	120.3	7.4	1 / 2
34688	5:1	3/4"	1"	540 / 400	2700 / 2000	108	129	7.4	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

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	8.9	1 / 1

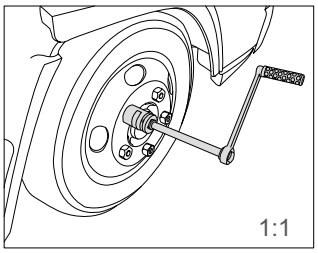
Universal Torque Convertor Set

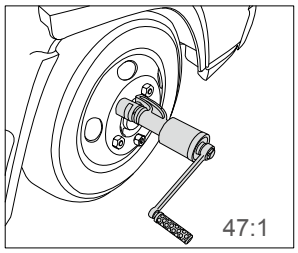
3488A03MP new

- 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	
34488A03MP	47:1	1"	1"	4700 / 3466	9.3	3

Torque Tester

ZV011 new

▪ **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
AC Power Input	100-240VAC 50/60HZ
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm

2235M-10

3335M-10

4335M-10

ZV011A		Europe
ZV011B		America & Asia
ZV011D		Australia & New Zealand

ZV012 new

▪ **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
AC Power Input	100-240VAC 50/60HZ
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm

3335M-22

4335M-22

6335M-22

ZV012A		Europe
ZV012B		America & Asia
ZV012D		Australia & New Zealand

ZV013 new

▪ **Specifications:** 8.9 1 / 1

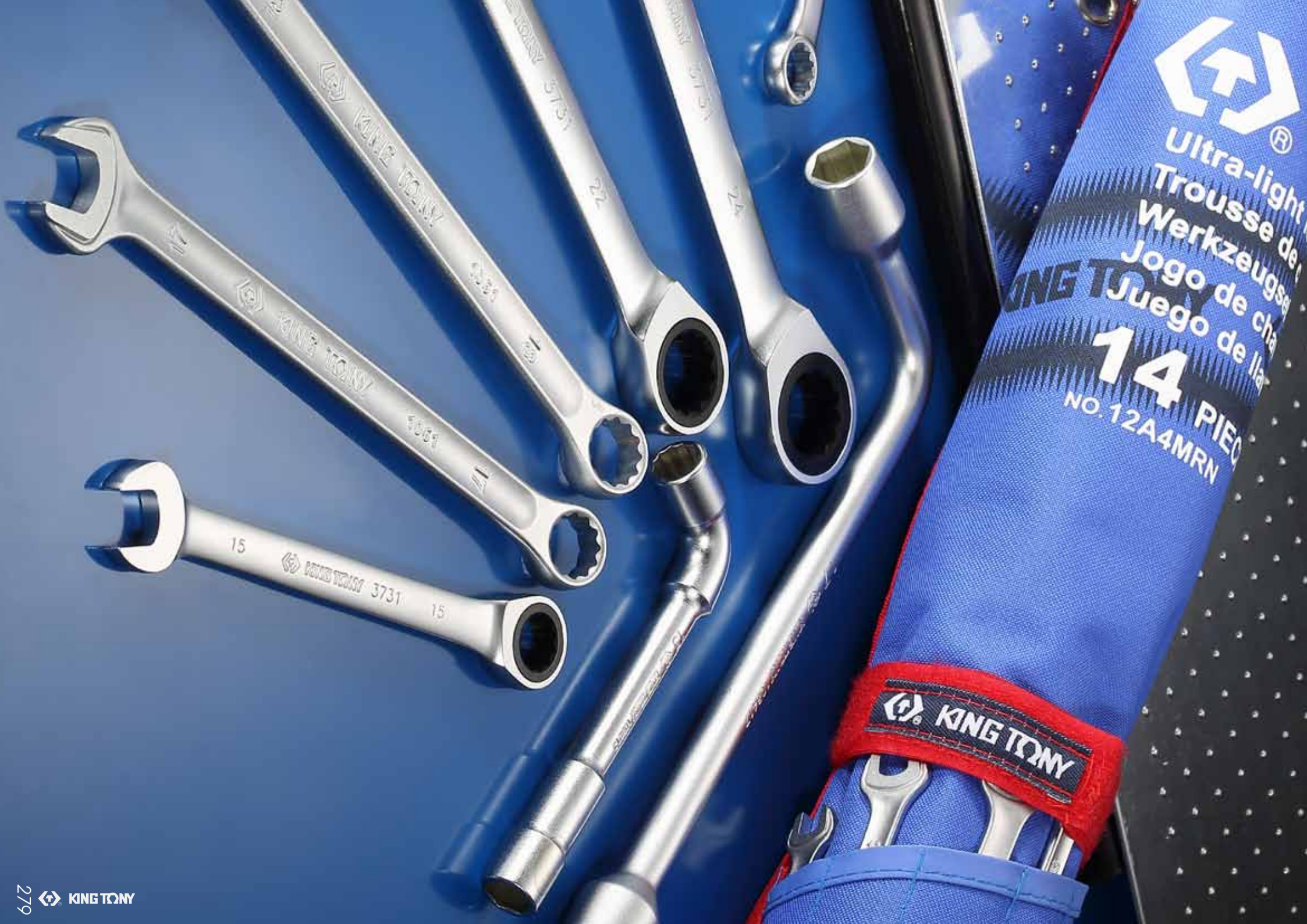
Calibration range	100~1500 Nm
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-m, Kg-cm, N-m
Input Hex A/F (mm)	36mm
Square Drive Adaptor (inch)	3/4"
Operating Temperature Range	+5°C~ +40°C
Storage Temperature Range	+0°C~ +70°C
AC Power Input	100-240VAC 50/60HZ
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm

6335M-36

ZV013A		Europe
ZV013B		America & Asia
ZV013D		Australia & New Zealand

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
- Angled Socket Wrench
- Adjustable Wrench
- Hook Spanner Wrench
- Chain & Strap Wrench
- Wheel Nut Wrench
- T-Type Socket Wrench
- T-shaped Driver

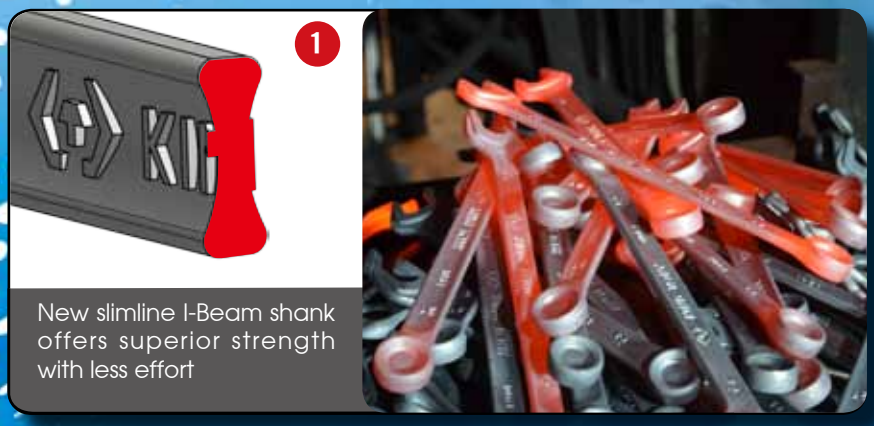

KING TONY
15
KING TONY 3731 15
Ultra-light
Trousse de
Werkzeugsa
Jogo de cha
Juego de ll
14
PIEC
NO. 12A4MRN
KING TONY

Ultra-Light Long Combination Wrench

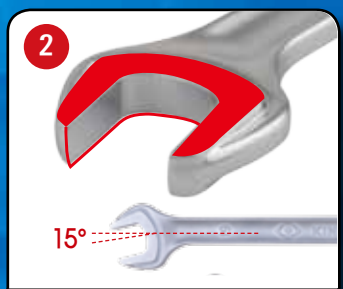
1061

PAT.

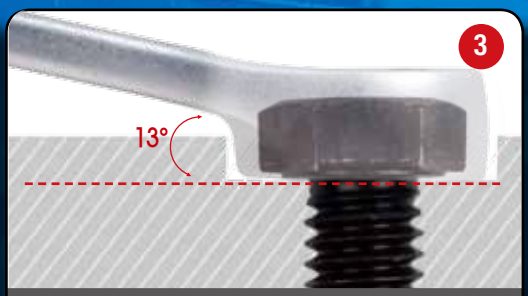
- New forge technologies I-Beam shank offers 20% lightweight and better strength
- 15° open end reinforcement design in slim profile
- 13° ring end high relief zone design with thin wall access ability
- Long shank for high leverage & helps operators' hands from hot spots
- Chrome vanadium alloy steel
- Metric size-DIN3113, ISO7738



New slimline I-Beam shank offers superior strength with less effort



More powerful open end with big thumb point delivers more torque



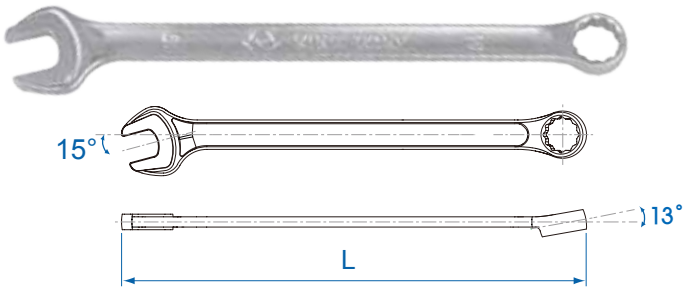
0°degree offset ring provides better accessibility

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
- DIN3113 / ISO7738



KT NO.	Size mm	L mm		
1061-06	6	128	20	12 / 768
new 1061-07	7	128	20	12 / 768
1061-08	8	148	28	12 / 576
new 1061-09	9	148	28	12 / 576
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		
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

Ultra-Light Long Combination Wrench & Set

12C7MRN new

Contents | 0.77 kg | 1 / 24

1061	8, 10, 11, 13, 14, 17, 19

12A0MRN new

Contents | 1.8 kg | 1 / 12

1061	10, 11, 12, 13, 14, 15, 16 ,17, 18, 19

12A1MRN

Contents | 1.99 kg | 1 / 12

1061	8, 10, 12, 13, 14, 16, 17, 18, 19, 22, 24

12A3MRN new

Contents | 2.16 kg | 1 / 12

1061	8, 10, 11, 12, 13, 14, 15, 16 ,17, 18, 19, 22, 24

12A4MRN

Contents | 2.44 kg | 1 / 8

1061	8, 10, 11, 12, 13, 14, 15, 16 ,17, 18, 19, 21, 22, 24

12B4MRN new

Contents | 7 kg | 1 / 2

1061	6, 8, 10, 11, 12, 13, 14, 15, 16 ,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32

- Pouch material : Tetoron

7 PC.

12C7MRN

10 PC.

12A0MRN

11 PC.

12A1MRN

13 PC.

12A3MRN

14 PC.

12A4MRN

24 PC.

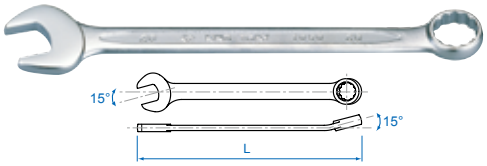
12B4MRN

Combination Wrench

KT No. & D1

1060 5060

- European slimline type
- 15° open end angle
- 15° ring end offset from shaft
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN3113, ISO7738
- Inch size-ANSI/ASME B107.6

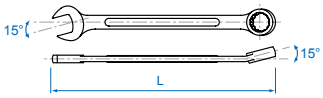


KT NO.	Size mm	L mm	g	
1060-55	5.5	105	16	12 / 504
1060-06	6.0	105	18	12 / 504
1060-07	7.0	115	20	12 / 504
1060-08	8.0	125	25	12 / 504
1060-09	9.0	135	34	12 / 504
1060-10	10.0	145	39	12 / 504
1060-11	11.0	155	46	12 / 504
1060-12	12.0	165	56	12 / 216
1060-13	13.0	175	69	12 / 216
1060-14	14.0	185	80	12 / 216
1060-15	15.0	195	93	12 / 192
1060-16	16.0	205	111	12 / 192
1060-17	17.0	215	119	12 / 192
1060-18	18.0	225	138	12 / 144
1060-19	19.0	235	158	12 / 144
1060-20	20.0	245	182	12 / 144
1060-21	21.0	255	203	12 / 96
1060-22	22.0	265	225	12 / 96
1060-23	23.0	275	251	12 / 96
1060-24	24.0	285	287	6 / 54
1060-25	25.0	295	326	6 / 54
1060-26	26.0	305	344	6 / 54
1060-27	27.0	315	371	6 / 54
1060-28	28.0	325	387	6 / 48
1060-29	29.0	335	456	6 / 48
1060-30	30.0	345	514	6 / 48
1060-32	32.0	365	557	6 / 48

KT NO.	Size inch	L mm	g	
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 5071

- Jumbo type
- 15° open end angle
- 15° ring end offset from shaft
- High quality steel
- Polished, chrome plated
- Metric size-DIN3113, ISO7738
- Inch size-ANSI/ASME B107.6



1071-33~50

1071-55~85

KT NO.	Size mm	L mm	g	
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	g	
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

KT NO.	Size inch	L mm	g	
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

• Pouch material : Nylon

1207MR / 1207SR

KT NO.	Contents	0.60 kg / 1 / 30
1207MR	1060	10, 11, 12, 13, 14, 17, 19
1207SR	5060	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4

1208MR

KT NO.	Contents	0.65 kg / 1 / 24
1208MR	1060	10, 11, 12, 13, 14, 17, 19, 22

1210MR

KT NO.	Contents	1.38 kg / 1 / 16
1210MR	1060	8, 10, 12, 13, 14, 17, 19, 21, 22, 24

1211MR / 1211SR / 1211SR01 / 1211SR02

KT NO.	Contents	1.4 kg / 1 / 16
1211MR	1060	8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24
1211SR	5060	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 15/16
1211SR01	5060	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 1
1211SR02	5060	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1

1212MR

KT NO.	Contents	1.03 kg / 1 / 16
1212MR	1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22

1214MR / 1214SR / 1214MR01 / 1214SR01

KT NO.	Contents	1 / 8	kg
1214MR	1060	10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30, 32	2.70
1214SR	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	
1214MR01	1060	10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	
1214SR01	5060	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	3.23

1207MR / SR

1208MR

1210MR

1211MR / SR / SR01 / SR02

1212MR

1214MR / MR01 / SR / SR01

Combination Wrench Set

• Pouch material : Nylon or tetoron

1215MR 1215MR01 1215MR02

KT NO.	Contents			
1215MR	1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	1.63	1 /12
1215MR01		8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24		
1215MR02		6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	2.92	1 / 8

1215MR / MR01

1215MR02

1216SR

KT NO.	Contents	3.44	1 / 8
1216SR	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, 1-1/16, 1-1/8, 1-1/4	

1216SR

1211MRN

1211MRN

KT NO.	Contents	1.4	1 / 16
1211MRN	1060	8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24	

1213SRN

KT NO.	Contents	1.96	1 / 10
1213SRN	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	

1213SRN

1214MRN01 1214MRN05 1214SRN01

KT NO.	Contents			
1214MRN01	1060	10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	2.70	1 / 8
1214MRN05		6, 7 ,8 ,9 ,10 ,11 ,12 ,13 ,14 ,15, 16, 17, 18, 19	1.24	1 / 12
1214SRN01	5060	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	3.54	1 / 8

1214MRN01/1214SRN01

1214MRN05

1215MRN01 1215MRN02

KT NO.	Contents			
1215MRN01	1060	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	1.63	1 / 12
1215MRN02		6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	2.92	1 / 8

1215MRN01

1215MRN02

Combination Wrench Set

• Pouch material : Nylon or tetoron

1218MR01 / 1218MRN

2.50 kg | 1 / 9

KT NO.	Contents	
1218MR01 1218MRN	1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24

1218MR01

1218MRN

1226MR / 1226MRN

5.30 kg | 1 / 4

KT NO.	Contents	
1226MR 1226MRN	1060	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

1226MR

1226MRN

1296MRN

8.87 kg | 1 / 2

KT NO.	Contents	
1296MRN	1071	34, 36, 38, 41, 46, 50

1296MRN

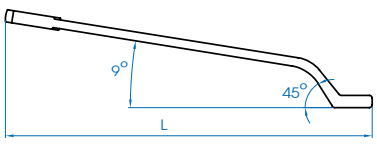
45° Offset Combination Wrench

KT No. & D1

1063 / 5063

- Chrome vanadium alloy steel
- 45° offset ring, 15° open ring
- Chrome plated
- Metric size - DIN3113 / ISO 7738 / ISO 3318

KT NO.	Size mm	L mm	g	
1063-06	6	110	19	20 / 360
1063-07	7	120	26	20 / 360
1063-08	8	130	32	20 / 320
1063-09	9	140	39	20 / 320
1063-10	10	150	46	20 / 320
1063-11	11	160	59	20 / 320
1063-12	12	170	73	20 / 240
1063-13	13	180	78	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
1063-19	19	240	198	12 / 96
1063-21	21	260	224	10 / 80
1063-22	22	270	258	10 / 80
1063-24	24	290	317	10 / 80
1063-27	27	320	448	6 / 48
1063-30	30	350	552	6 / 48
1063-32	32	370	683	6 / 48



KT NO.	Size inch	L mm	g	
5063-14	7/16	160	59	20 / 320
5063-16	1/2	180	78	20 / 240
5063-18	9/16	190	103	15 / 240

45° Offset Combination Wrench Set

1271MR 1271MRN

KT NO.	Contents	1.16	1 / 15
1271MR 1271MRN	1063	6, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22	

1271MR

1271MRN

1272MR 1272MR01

KT NO.	Contents		
1272MR	1063	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22	1.21	1 / 15
1272MR01		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	1.38	1 / 9

1272MR

1272MR01

1275MR 1275MRN

KT NO.	Contents	3.18	1 / 8
1275MR 1275MRN	1063	6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	

1275MR

1275MRN

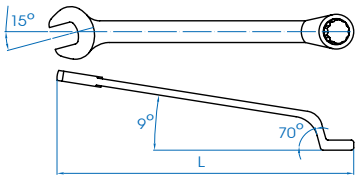
70° Offset Combination Wrench & Set

• Pouch material : Nylon or tetoron

KT No. & D1

1067

- Chrome vanadium alloy steel
- 70° offset ring, 15° open end
- Chrome plated
- DIN3113 / 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

KT NO.	Size mm	L mm	g	
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

1266MR

KT NO.	Contents	6.85	1 / 2
1266MR	1067	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	

1266MR

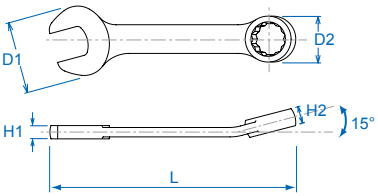
Stubby Combination Wrench & Set

KT No. & D1

- Pouch material : Nylon

10D0

- Short pattern design enables greater access in confined spaces
- Chrome vanadium alloy steel
- Chrome plated
- DIN3113



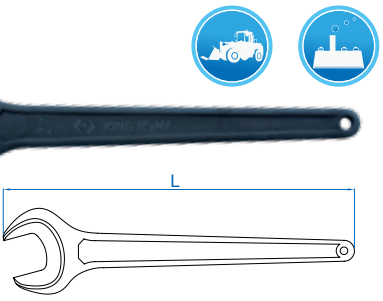
KT NO.	Size mm	D1	D2	H1	H2	L mm	g	
10D0-08	8	18.1	13.8	4.6	6.0	85	20	20 / 360
10D0-09	9	19.3	14.5	4.8	6.4	90	25	20 / 360
10D0-10	10	20.5	15.1	4.8	6.4	95	27	20 / 360
10D0-11	11	22.7	16.7	5.9	7.9	100	45	20 / 360
10D0-12	12	24.7	18.0	6.2	8.3	105	49	20 / 360
10D0-13	13	27.2	19.1	6.5	8.7	110	59	20 / 360
10D0-14	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

KT NO.	Contents	Kg 1.03	1 / 24
10D0	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		

12 PC.

Single Open End Wrench



CAUTION

Please wear proper safety gear while working.

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

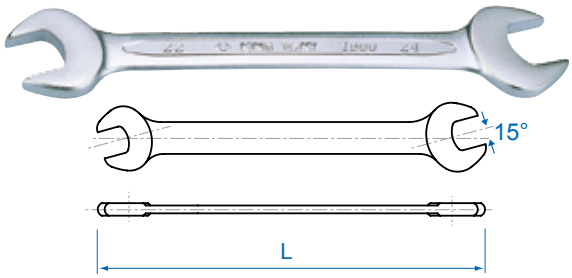
KT NO.	Size mm	L mm	g	
10F0-36P	36	317	556	5 / 30
10F0-38P	38	320	740	5 / 30
10F0-41P	41	340	875	4 / 24
10F0-46P	46	395	1060	3 / 12
10F0-50P	50	425	1402	1 / 12
10F0-55P	55	425	1403	1 / 12
10F0-60P	60	470	2544	1 / 6
10F0-65P	65	470	2441	1 / 6
10F0-70P	70	500	3457	1 / 6
10F0-75P	75	500	3333	1 / 6

Open End Wrench

KT No. & D1

1900 5900

- European slimline type
- 15° open end angle
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN3110
- Inch size-ANSI / ASME B107.6



KT NO.	Size mm	L mm		
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		
19002430	24 x 30	263	350	6 / 72
19002528	25 x 28	279	373	6 / 48
19002632	26 x 32	298	457	6 / 48
19002729	27 x 29	298	458	6 / 48
19002730	27 x 30	298	481	6 / 48
19002732	27 x 32	298	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
19004146	41 x 46	430	1395	4 / 16

KT NO.	Size inch	L mm		
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

Open End Wrench Set

• Pouch material : Nylon or tetoron

1105MR

KT NO.	Contents	0.5 kg	1 / 24
1105MR	1900	8 x 10, 10 x 12, 11 x 13, 12 x 14, 13 x 17	

1105MR

1106MR

KT NO.	Contents	0.83 kg	1 / 24
1106MR	1900	8 x 9, 10 x 12, 12 x 14, 14 x 17, 17 x 19, 21 x 23	

1106MR

1108MR 1108SR

KT NO.	Contents	0.91 kg	1 / 24
1108MR	1900	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22	
1108SR	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	

1108MR

1108SR

1110MR 1110SR

KT NO.	Contents	1.67 kg	1 / 16
1110MR	1900	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	
1110SR	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, 15/16 x 1-1/16, 1 x 1-1/8	

1110MR

1110SR

1112MR 1112MRN 1112SR

KT NO.	Contents	2.35 kg	1 / 10
1112MR 1112MRN	1900	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	
1112SR	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, 15/16 x 1, 15/16 x 1-1/16, 1 x 1-1/8, 1-1/8 x 1-1/4	

1112MR

1112SR

1112MRN

45° Offset Ring Wrench & Set

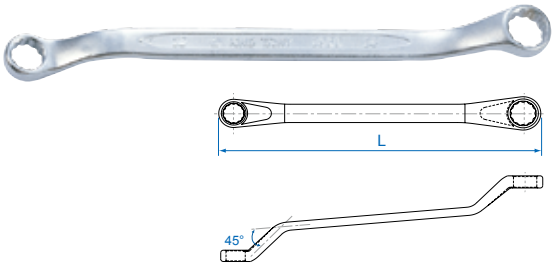
KT No. & D1

- Pouch material : Nylon

1960

5960

- 45° offset ring
- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN838
- Inch size-ANSI / ASME B107.6



KT NO.	Size mm	L mm	g	
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
19601921	19 x 21	270	340	6 / 72
19602022	20 x 22	270	340	6 / 72
19602224	22 x 24	320	479	6 / 48
19602326	23 x 26	360	465	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

KT NO.	Size inch	L mm	g	
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

6 PC.

1606MR

9 PC.

1609MR

1606MR

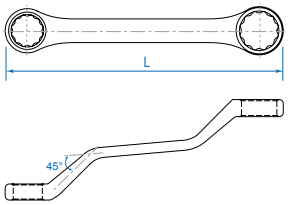
KT NO.	Contents	Kg	
		1.6	1 / 16
1960	10 x 12, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 23 x 26		

1609MR

KT NO.	Contents	Kg	
		1.93	1 / 8
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		

1961

- Mini type
- 45° offset ring
- Thin wall rings
- Chrome vanadium steel
- Chrome plated
- Metric size-DIN838



KT NO.	Size mm	L mm	g	
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
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.

KT NO.	Contents	Kg	
		0.53	1 / 24
1961	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19		

75° Offset Ring Wrench & Set

KT No. & D1

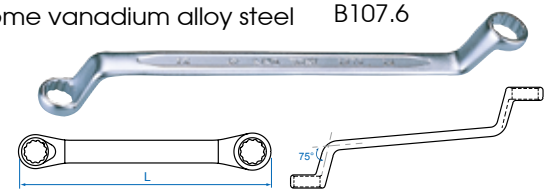
- Pouch material : Nylon or tetoron

1970

KT NO.	Size mm	L mm		
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
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

5970

- European slimline type
- 75° deep ring offset
- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN838
- Inch size-ANSI / ASME B107.6



KT NO.	Size inch	L mm		
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

1706MR

KT NO.	Contents	0.80	1 / 24
1706MR	1970	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17	

1707SR

KT NO.	Contents	2.0	1 / 12
1707SR	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	

1708MR

1708MR01

KT NO.	Contents	1.52	1 / 12
1708MR	1970	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 21 x 23	
1708MR01		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22	

1710MR

KT NO.	Contents	2.60	1 / 8
1710MR	1970	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	

1712MR

1712MRN

KT NO.	Contents	3.32	1 / 6
1712MR	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 26, 25 x 28, 30 x 32	
1712MRN			

1706MR

1707SR

1708MR

1708MR01

1710MR

1712MR

1712MRN

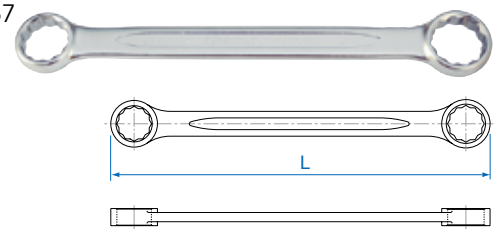
KT No. & D1

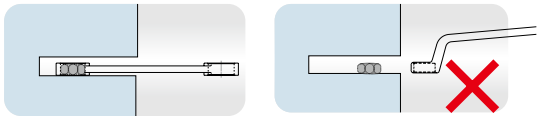
Straight Ring Wrench & Set

• Pouch material : Nylon

19C0

- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- DIN837





KT NO.	Size mm	L mm	g	
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

1C08MR

1C12MR

8 PC.

1C08MR

12 PC.

1C12MR

KT NO.	Contents	Kg 0.79	1 / 24
1C08MR	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	

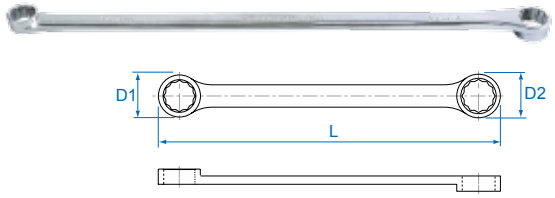
KT NO.	Contents	Kg 2.23	1 / 12
1C12MR	19C0	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 30 x 32	

0° Offset Ring Wrench & Set

• Pouch material : Tetoron

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	g	
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

1F06MRN

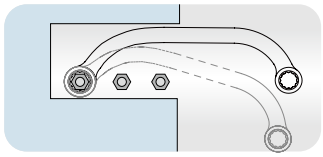
6 PC.

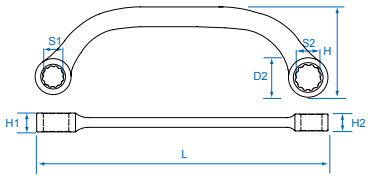
KT NO.	Contents	Kg 1.69	1 / 8
1F06MRN	19B0	10 x 11, 12 x 14, 13 x 15, 16 x 18, 17 x 19, 22 x 24	

Half Moon Ring Wrench & Set

1950

- Short pattern design enables greater access in confined spaces
- Chrome vanadium alloy steel
- Chrome plated
- DIN3113





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

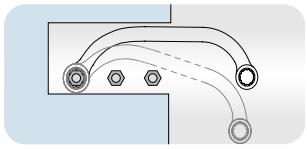
9-1905MR

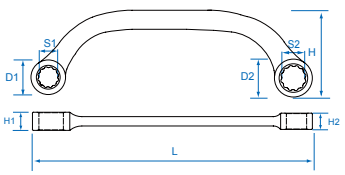
5 PC.

KT NO.	Contents	Kg 0.82	1 / 10
9-1905MR	1950	10 x 12, 11 x 13, 14 x 17, 16 x 18, 19 x 22	

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
19511416	14 x 16	21.4	23.4	169	8.2	8.4	50	99.1	10 / 120
19511214	12 x 14	21.4	23.4	169	8.2	8.4	50	95.4	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

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

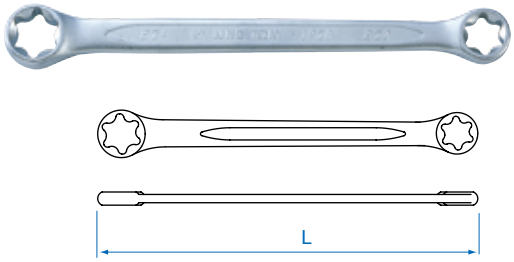
- Use to reach limit place with extension bar
- Use with torque wrench and 90° extension bar, will not effectively change the torque value

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

KT NO.	Contents	Kg 0.46	1 / 15
1920	E6 x E8, E7 x E11, E10 x E12, E14 x E18, E16 x E22, E20 x E24		

6 PC.

Flare Nut Wrench

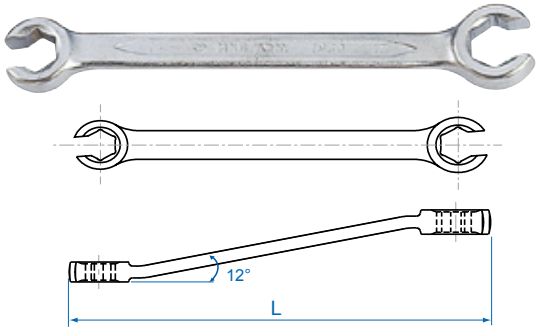
• Pouch material : Nylon or tetoron

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

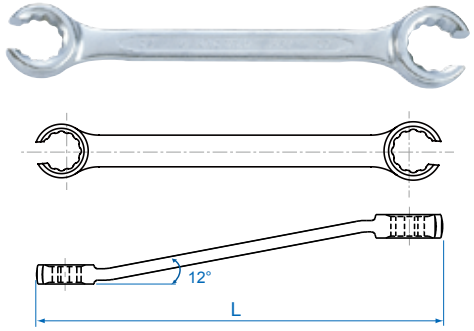


KT NO.	Size mm	L mm		
19300810	8 x 10	130	53	12 / 216
19300911	9 x 11	150	55	12 / 216
19301011	10 x 11	150	78	12 / 192
19301012	10 x 12	150	74	12 / 192
19301113	11 x 13	170	106	12 / 144
19301213	12 x 13	170	104	12 / 144
19301214	12 x 14	170	102	12 / 144
19301315	13 x 15	178	125	12 / 144
19301417	14 x 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		
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	170	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

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

Flare Nut Wrench Set

1306MR
1306MRN
1306SR
1306CR

KT NO.	Contents			
1306MR 1306MRN	1930	8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19, 19 x 22	0.90	1 / 30
1306SR	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	0.86	
1306CR	1930 5930	8 x 10, 11 x 13, 12 x 14, 17 x 19, 3/8 x 7/16, 1/2 x 9/16	0.74	1 / 12

1306MR / SR

1306MRN

1306CR

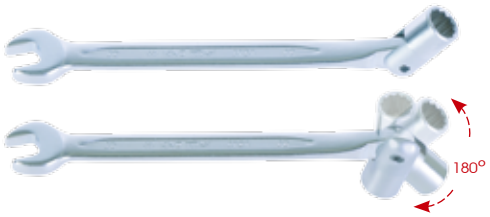
Flexible Head Wrench & Socket

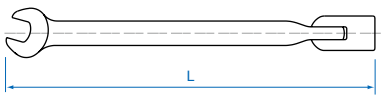
- Pouch material : Nylon

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

1B06MR

KT NO.	Contents	1.06	1 / 24
1020	10, 12, 13, 14, 17, 19		

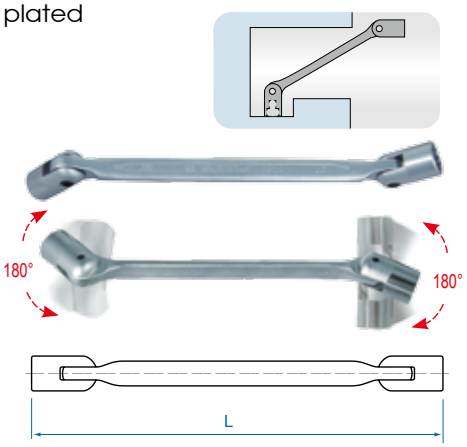
Flexible Head Wrench & Set

KT No. & C1

• Pouch material : Nylon

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

1A06MR

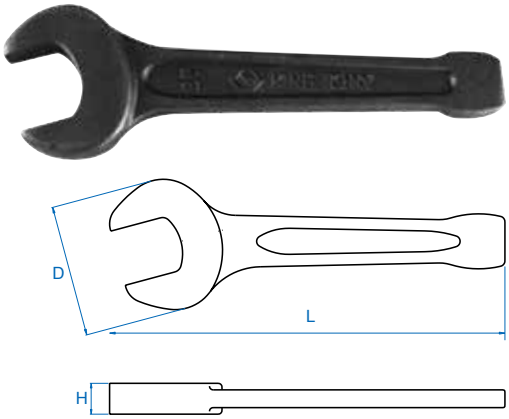
6 PC.

KT NO.	Contents	1.32	1 / 16
1910	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19		

Slogging Wrench

10A0

- Open end slogging
- Finished with phosphate sunk
- DIN 133

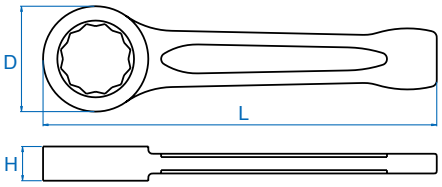


KT NO.	Size mm	L mm	D mm	H mm		
10A0-24	24	178	52	15	302	6 / 72
10A0-27	27	180	55	16	320	6 / 72
10A0-30	30	190	60	16	400	6 / 60
10A0-32	32	190	61	17	418	6 / 60
10A0-36	36	215	72	17	600	6 / 24
10A0-41	41	233	83	19	902	5 / 20
10A0-46	46	255	94	20	1122	4 / 16
10A0-50	50	275	105	22	1555	2 / 16
10A0-55	55	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

Slogging Wrench

10B0

- Ring slogging
- Finished with phosphate sunk
- DIN 7444



KT NO.	Size mm	L mm	D mm	H mm		
10B0-24	24	162	42	16	239	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		
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

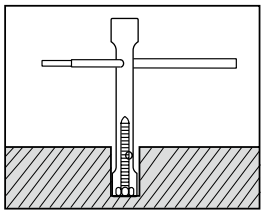
- Tube for item 10C0
- Chrome plated

KT NO.	mm	L mm	Applied wrench size		
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

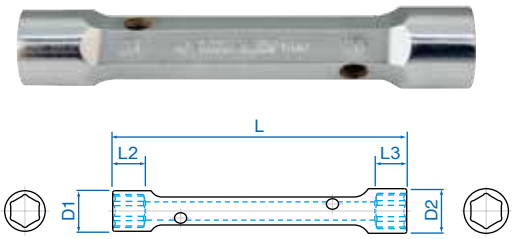
End Tubular Wrench

19A0

- Chrome vanadium alloy steel
- Chrome plated



• Double end socket wrench for the hollow tube design, a long-type screw may be used.

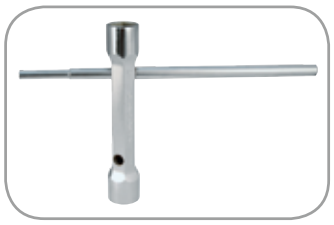


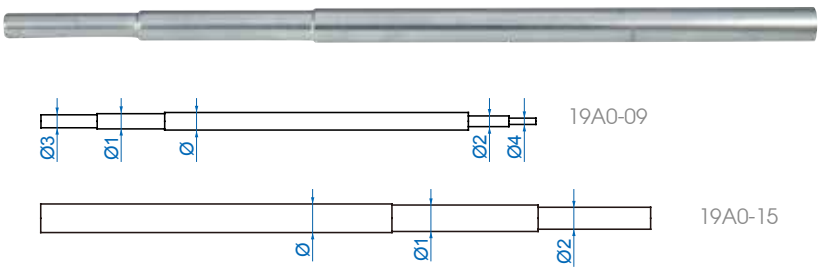
KT NO.	mm	D1 mm	D2 mm	L2 mm	L3 mm	L mm	g	
19A00607	6 x 7	10	11	5	6	105	44	30 / 180
19A00809	8 x 9	13	14	6	7	110	60	30 / 180
19A01011	10 x 11	15	16	7.5	8	120	79	24 / 144
19A01213	12 x 13	18	19	9	9.5	140	142	18 / 144
19A01415	14 x 15	20	22	10	11	145	138	12 / 96
19A01617	16 x 17	23	24	11	12	155	190	10 / 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

- Chrome vanadium alloy steel
- Chrome plated





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

- *Metric size from 8 ~ 19 mm*

3730

Speed Wrench

- *Metric size from 8 ~ 24 mm*

3731

3732

Ringstop Speed Wrench

- *Metric size from 8 ~ 24 mm*

373A

Double End Speed Wrench

- *Metric size from 8 ~ 19 mm*

3736

- *Metric size from 6 ~ 24 mm*

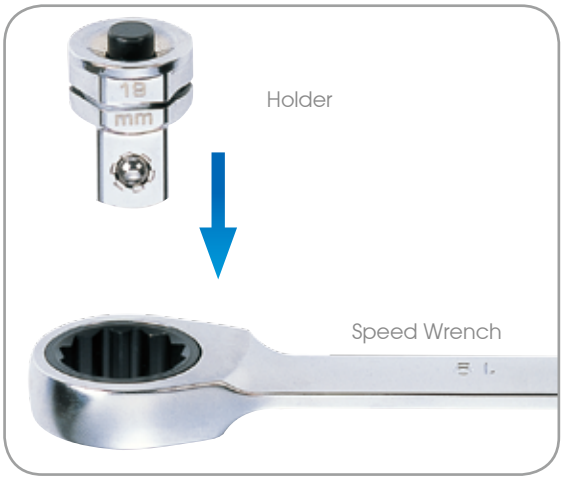
3737

Open-Side Speed Wrench

- *Metric size from 8 ~ 19 mm*

3721

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

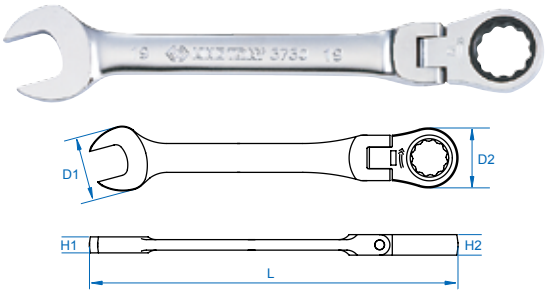


Flexible Speed Wrench

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		
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

12 PC.

KT NO.	Contents	2.17	1 / 6
13012MR	3730M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

13013MR

13 PC.

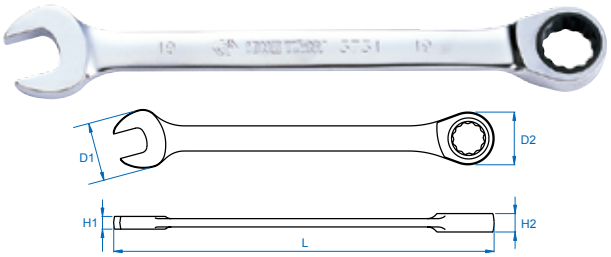
KT NO.	Contents	1.66	1 / 8
13013MR	3730M	8, 10, 12, 13, 14, 16, 17, 18, 19	
	373202H 373202R 373203R 373204R		

Speed Wrench

KT No. & D1

3731M

- Open end and ratchet ring -wrench
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated

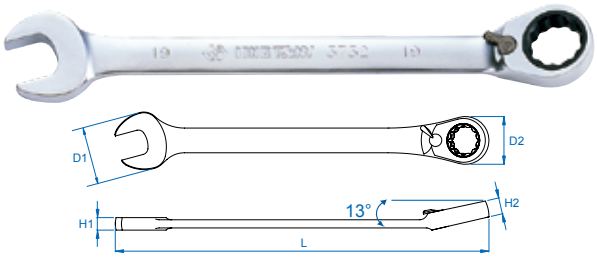


KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
373108M	8	16.7	17.0	4.0	6.5	140.0	25	12 / 384
373109M	9	18.7	18.6	4.4	6.9	149.0	35	12 / 384
373110M	10	20.8	20.2	4.8	7.3	158.0	40	12 / 240
373111M	11	23.0	22.0	5.2	7.7	165.0	60	12 / 240
373112M	12	24.6	23.4	5.5	8.2	171.0	75	12 / 240
373113M	13	26.8	25.5	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

3732M

3732S

- Open end and ratchet ring - wrench
- 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	
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

- Pouch material : Tetoron

12107MRN 12107MRN01 12207MRN 12207MRN01 12207SRN new

KT NO.	Contents			
12107MRN	3731M	10, 11, 12, 14, 15, 17, 19	0.91	1 / 24
12107MRN01		8, 10, 11, 12, 13, 17, 19	0.84	
12207MRN	3732M	10, 11, 12, 14, 15, 17, 19	0.91	
12207MRN01		8, 10, 11, 12, 13, 17, 19		
new 12207SRN	3732S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4		

12107MRN

12107MRN01

12207MRN

12207MRN01

12207SRN

12114MRN 12214MRN

KT NO. Contents — 2.50 — 1 / 12

12114MRN	3731M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24
12214MRN	3732M	

12114MRN

12214MRN

12112MRN 12212MRN

KT NO. Contents — 1.95 — 1 / 8

12112MRN	3731M	8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24
12212MRN	3732M	

12112MRN

12212MRN

Speed Wrench Set

• Pouch material : Tetoron

13113MR

13213MR

13 PC.

13113MR

13213MR

KT NO.	Contents		
13113MR	3731M	8, 10, 12, 13, 14, 16, 17, 18, 19	373202H, 373202R, 373203R, 373204R
13213MR	3732M		

1.64 1 / 8

91162MR

91262MR

62 PC.

91162MR

91262MR

KT NO.	Contents				
91162MR	3731M	8, 10, 12, 13, 14, 16, 17, 18, 19	2375M E4, E5, E6 , E7, E8 3375M E10, E11, E12 4375M E10, E12, E14, E16, E18, E20	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 1636U T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H, T55H, T60H	373202R, 373203R, 373204R, 314810M, 414810M
91262MR	3732M				

3.6 1 / 4

Speed Wrench Set

• Pouch material : Tetoron

91168MR

91268MR

68 PC.

91168MR

91268MR

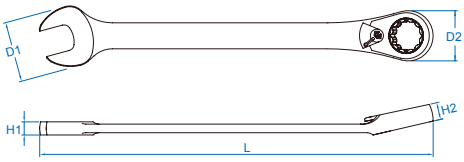
KT NO.	Contents					
						4.8 kg / 1 / 4
91168MR	3731M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	2375M E4, E5, E6 , E7, E8	1636H H4, H5, H6, H7, H8, H10, H12	373202R	373203R
			3375M E10, E11, E12	1636M M5, M6, M8, M10, M12	373204R	314810M
91268MR	3732M		4375M E10, E12, E14, E16, E18, E20	1636T T10, T15, T20, T25, T27, T30, T40, T45,T50, T55, T60		
				1636U T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H, T55H, T60H	414810M	

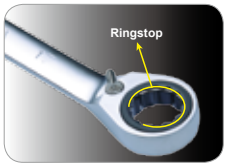
Ringstop Speed Wrench

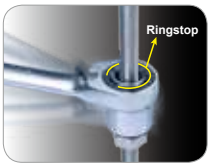
KT No. & D1

373AM

- Ringstop function
- Open end and ratchet ring - wrench
- 5° gear action (72 teeth)
- Reversible
- Take - up: 13°
- Chrome vanadium alloy steel
- Chrome plated







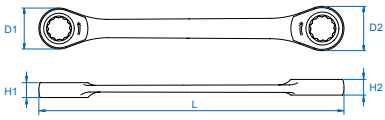
KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
373A08M	8	16.7	16.6	4.6	6.5	140	20	12 / 384
373A10M	10	20.8	20.0	5.3	7.3	159	40	12 / 240
373A12M	12	25.0	22.7	6.0	8.2	172	75	12 / 240
373A13M	13	27.1	24.7	6.4	8.6	178	95	10 / 160
373A14M	14	29.2	27.0	6.8	9.0	191	110	10 / 160
373A17M	17	35.5	31.8	7.7	10.3	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

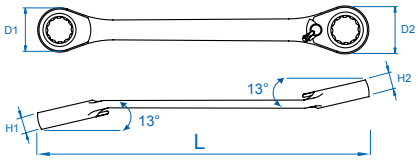
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated



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

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

Speed Wrench Set

• Pouch material : Tetoron

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

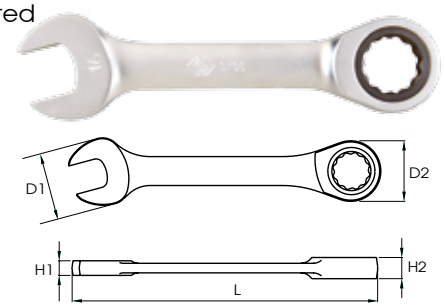
9 PC.

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 new

- 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 new

7 PC.

Contents — Kg 0.92 — 1 / 10

3738M	10, 12, 13, 14, 15, 17, 19 mm

14111MRN new

11 PC.

Contents — Kg 1.59 — 1 / 12

3721M	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

Open-side Speed Wrench & Set

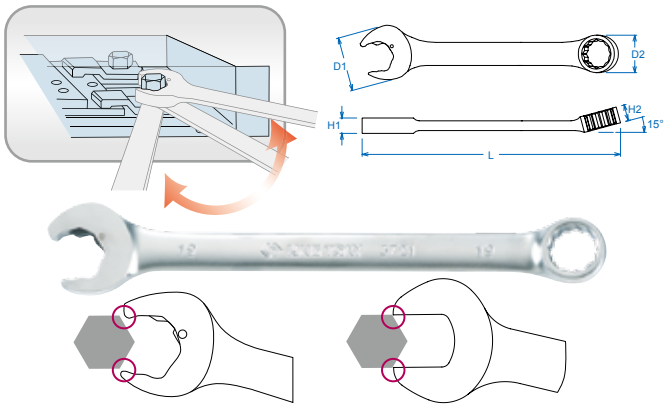
KT No. & D1

- Pouch material : Tetoron

3721M

3721S

- 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 / 240
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	10 / 100

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

14108SRN

8 PC.

Contents — Kg 1.11 — 1 / 16

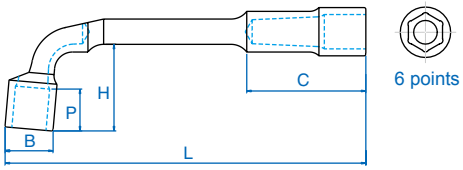
3721S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4

Angled Socket Wrench & Set

• Pouch material : Nylon

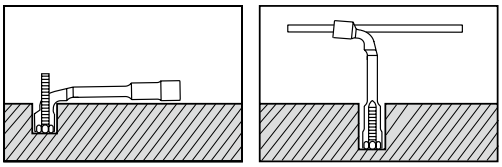
1080

- 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	g	
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

1805MR • Color box

Contents — 1.12 kg — 1 / 22

1080	10, 11, 13, 14, 17

1808MR • Nylon pouch

Contents — 1.73 kg — 1 / 18

1080	8, 10, 11, 12, 13, 14, 17, 19

1812MR • Nylon pouch

Contents — 4.75 kg — 1 / 4

1080	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24

1826MR • Color box

Contents — 15.0 kg — 1 / 2

1080	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

5 PC.

► Color box

1805MR

8 PC.

1808MR

12 PC.

1812MR

26 PC.

► Color box

1826MR

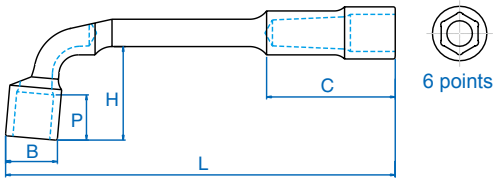
Angled Socket Wrench & Set

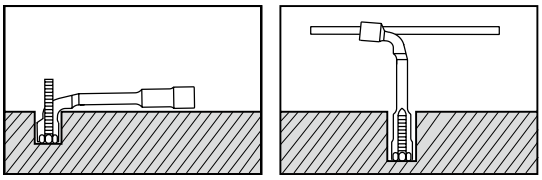
• Pouch material : Nylon or tetoron

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

KT NO.	mm	B mm	P mm	H mm	C mm	L mm	g	
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





1912MR

1912MRN

KT NO.	Contents	kg	
1912MR 1912MRN	1081: 8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24	4.75	1 / 4

1912MR

1912MRN

1926MR • Color box

Contents	kg	
1081: 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	15.0	1 / 2

► Color box

1926MR

Angled Socket Wrench & Set

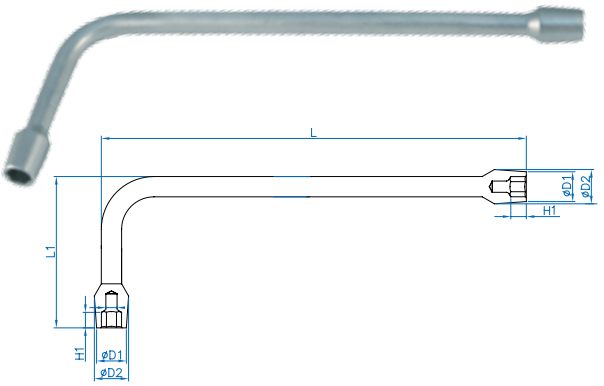
• Pouch material : Nylon

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	g	
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	g	
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

1839MR

9 PC.

Contents — 3.2 kg — 1 / 6

1084	8 ,10 ,11 ,12 ,13 ,14 ,15, 17, 19

1842MR

12 PC.

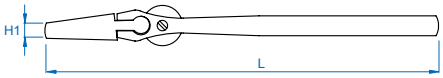
Contents — 4.2 kg — 1 / 6

1084	8 ,9, 10 ,11 ,12 ,13 ,14 ,15, 16, 17, 19

Adjustable Wrench

3611

- Chrome vanadium alloy steel
- Polish, phosphate & chrome plated
- Inch size-ANSI / ASME B107.8



3611P

3611HP

3611R

3611HR

KT NO.	mm	H1 mm	L mm	g	
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
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

KT NO.	mm	H1 mm	L mm	g	
3611-15HP	43	13	375	1485	1 / 20
3611-18HP	52	18	450	1750	1 / 6
3611-24HP	62	23	600	3343	1 / 6
3611-15HR	43	13	375	1485	1 / 20
3611-18HR	52	18	450	1750	1 / 6
3611-24HR	62	23	600	3343	1 / 6

3631-10R new

- 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

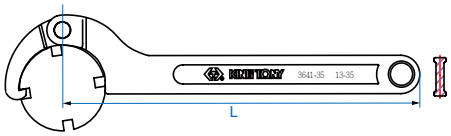
- Material: chrome vanadium alloy steel
- Finish: chrome plated
- Handle: PP+TPR

KT NO.	mm	Overall length mm	g	
3631-10R	32	257	470	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

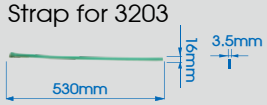
KT NO.	Overall length inch	Overall length mm	Capacity(M) mm	g	
3204	8-3/4	225	Ø 60~140	359	50

Strap Wrench

3203

- Strap wrench for oil filter

- Strap for 3203



320300 242 50

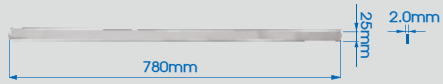
320301 300 50

KT NO.	Overall length inch	Overall length mm	Capacity(M) mm	g	
3203	8-3/4	223	Ø 60~140	242	50
3203A0	8-3/4	223	Ø 60~260	300	50

320670 new

- Aluminum alloy handle and strong nylon strap for tight grip
- Suitable for oil filter or any polished pipe

- Nylon strap for 320670



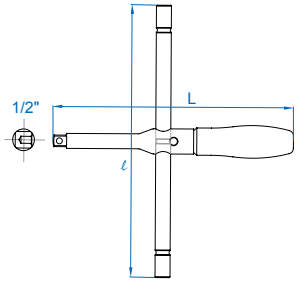
320600 34.6 50

KT NO.	Overall Length inch	Overall Length mm	Capacity mm	g	
320670	12"	295	Ø 60~180	343.8	50

T-Spin Lug Wrench Set

4503MR new

- Fast spinning action extension wrench
- Reach deep area with soft grip handle
- Suitable for passenger vehicles



4503MR

4506MR new

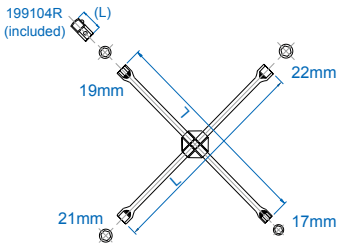
4506MR

ITEM NO.	Size	ℓ mm	L mm	kg	
4503MR	■ 1/2"	300	265	1.36	10
	○ 4335MR 19, 21 mm				
4506MR	■ 1/2"			1.56	
	○ 4335MR 17, 19, 21, 23 mm				

Wheel Nut Wrench

1991

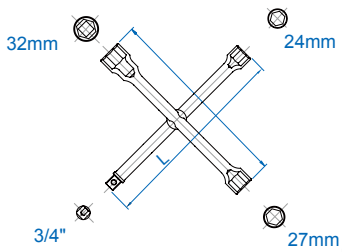
- For most car wheel nuts in metric
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3119 ISO 6788

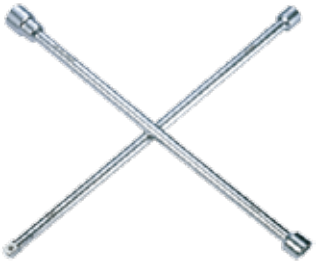


KT NO.	■ inch	○ mm	L mm		
19911722	1/2	17, 19, 21, 22	400	1700	6
199104R	1/2	19	34	84	10 / 240

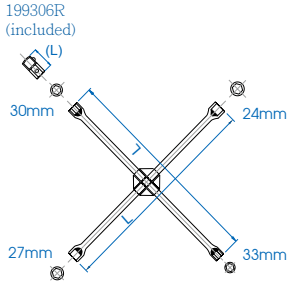
1993 new

- 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		
19932427	3/4	24, 27, 32	700	4333	4



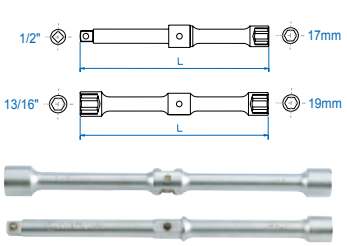
- T-type 90° unirersal joint driver

KT NO.	■ inch	○ mm	L mm		
new 19932433	3/4	24,27,30,33	700	5.02	2
new 199306R	3/4	30	48	0.21	-

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

1999 new

- Chrome vanadium alloy steel
- Chrome plated

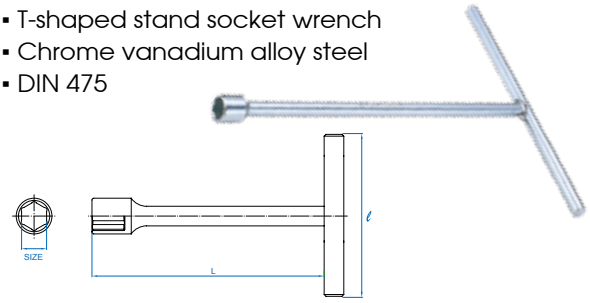
199920R

KT NO.	Size mm	Overall length mm		
19992427	24 x 27	406	1643	1 / 10
19992730	27 x 30	406	1710	1 / 10
19992732	27 x 32	406	1732	1 / 10
19992733	27 x 33	406	1766	1 / 10
19993032	30 x 32	406	1823	1 / 10
19993233	32 x 33	406	1845	1 / 10
19993238	32 x 38	406	2025	1 / 10
199920R	ø19	400	1030	1 / 10

T-type Standard Socket Wrench

1175M

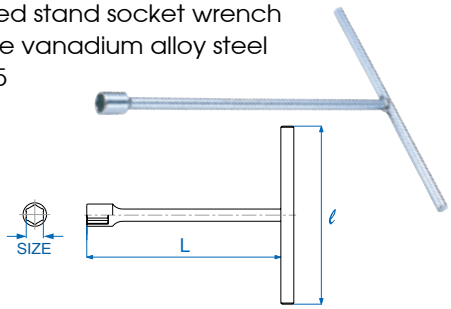
- T-shaped stand socket wrench
- Chrome vanadium alloy steel
- DIN 475



KT NO.	Size mm	ℓ mm	L mm		
117508M	8	120	130	104	10 / 80
117509M	9	120	130	134	10 / 80
117510M	10	120	130	128.6	10 / 80
117511M	11	120	130	137	10 / 80
117512M	12	120	130	198	10 / 80
117513M	13	140	160	235	10 / 80
117514M	14	140	160	241	10 / 80
117517M	17	140	160	301	10 / 80

1185M

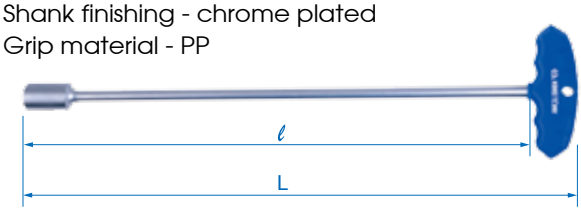
- T-shaped stand socket wrench
- Chrome vanadium alloy steel
- DIN 475



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

115HM

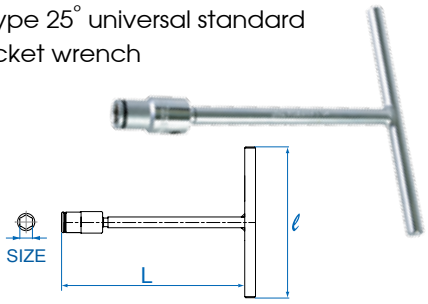
- Shank material - chrome vanadium alloy steel
- Shank finishing - chrome plated
- Grip material - PP



KT NO.	mm	ℓ mm	L mm		
115H08M-14	8	350	388	147	10 / 60
115H10M-14	10	350	388	153	10 / 60
115H13M-14	13	350	390	261	8 / 32

5722M

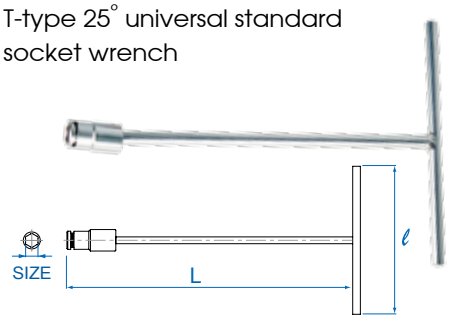
- T-type 25° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm		
572210M	10	150	170	400	10 / 60
572212M	12	150	170	400	10 / 60

5742M

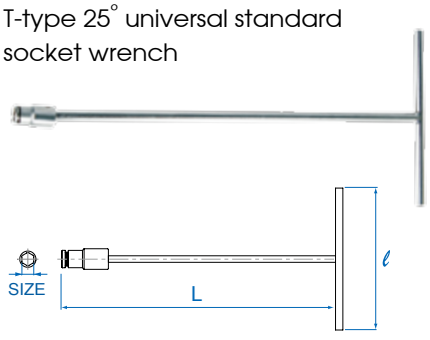
- T-type 25° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm		
574208M	8	200	320	328	10 / 40
574210M	10	200	320	330	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



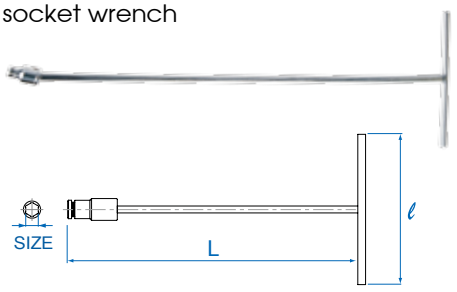
KT NO.	Size mm	ℓ mm	L mm		
575208M	8	200	450	427	10 / 40
575210M	10	200	450	430	10 / 40
575212M	12	200	450	432	10 / 40
575213M	13	200	450	433	10 / 40
575214M	14	200	450	435	10 / 40
575217M	17	200	450	440	10 / 40

T-type Standard Socket Wrench

- Chrome vanadium alloy steel
- Chrome plated

5762M

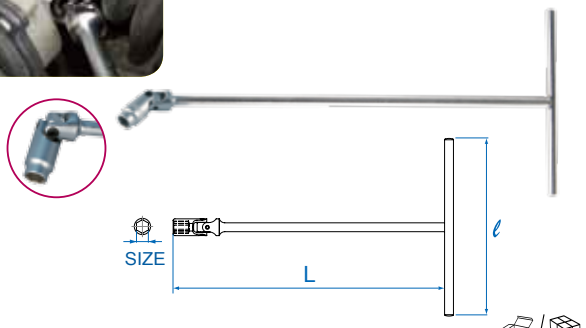
- T-type 25° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm	g	
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

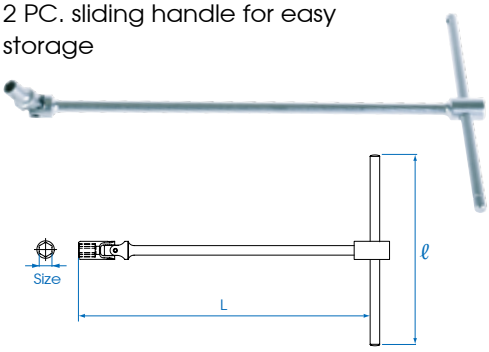
- T-type 90° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm	g	
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

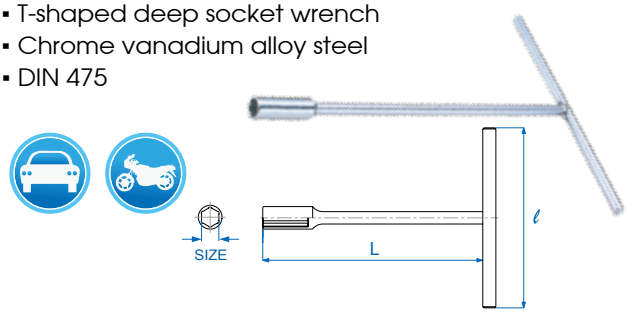


KT NO.	Size mm	ℓ mm	L mm	g	
577406M	6	200	390	420	10 / 30
577407M	7	200	390	420	10 / 30
577408M	8	200	390	420	10 / 30
577409M	9	200	390	420	10 / 30
577410M	10	200	500	480	10 / 30
577411M	11	200	500	480	10 / 30
577412M	12	200	500	480	10 / 30
577413M	13	200	500	480	10 / 30
577414M	14	200	500	500	10 / 30
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-type Deep Socket Wrench

1184M

- T-shaped deep socket wrench
- Chrome vanadium alloy steel
- DIN 475

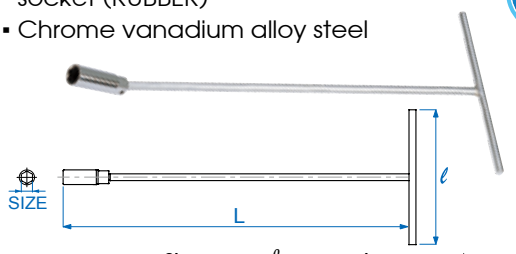


KT NO.	Size mm	ℓ mm	L mm	g	
118406M	6	120	190	53	10 / 40
118407M	7	120	190	73	10 / 40
118408M	8	200	300	212	10 / 60
118409M	9	200	300	307	10 / 60
118410M	10	200	300	317	10 / 60
118411M	11	200	300	327	10 / 60
118412M	12	200	300	328	10 / 60
118413M	13	200	300	333	10 / 60
118414M	14	200	300	345	10 / 60
118417M	17	250	300	602	6 / 36

T-type Spark Plug Socket

1563

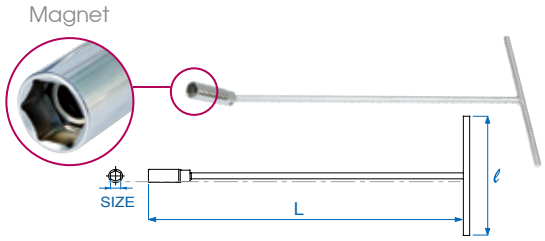
- T-type 25° universal spark plug socket (RUBBER)
- Chrome vanadium alloy steel



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

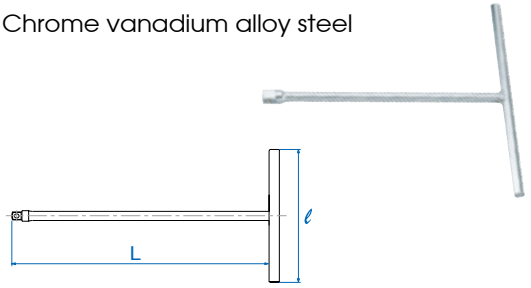


KT NO.	Size mm	ℓ mm	L mm		
15661612	16	200	300	400	10 / 40
15661615	16	200	385	420	10 / 40
15661618	16	200	460	460	10 / 40
15661818	18	200	460	450	10 / 40
15662112	21	200	300	420	10 / 40
15662115	21	200	385	460	10 / 40
15662118	21	200	460	510	10 / 40

T-shaped Driver

3511 3/8"

- Chrome vanadium alloy steel

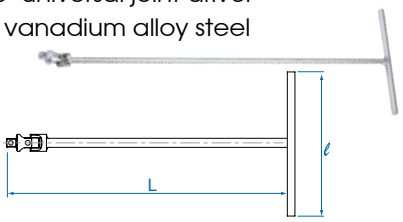


KT NO.	ℓ mm	L mm		
3511-06	170	268	325	5 / 30
3511-10	250	268	386	6 / 30

T-shaped Driver

4795 1/2"

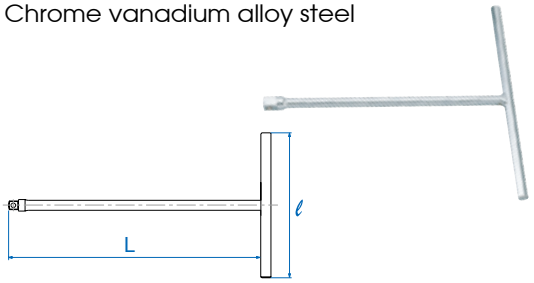
- T-type 90° universal joint driver
- Chrome vanadium alloy steel



KT NO.	ℓ mm	L mm		
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"

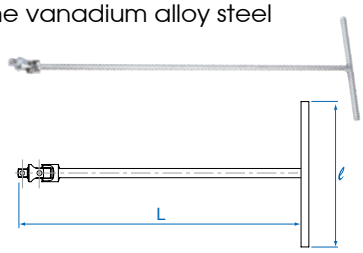
- Chrome vanadium alloy steel



KT NO.	ℓ mm	L mm		
4511-06	170	268	400	5 / 30
4511-10	250	268	468	6 / 30

3795 3/8"

- T-type 90° universal joint driver
- Chrome vanadium alloy steel



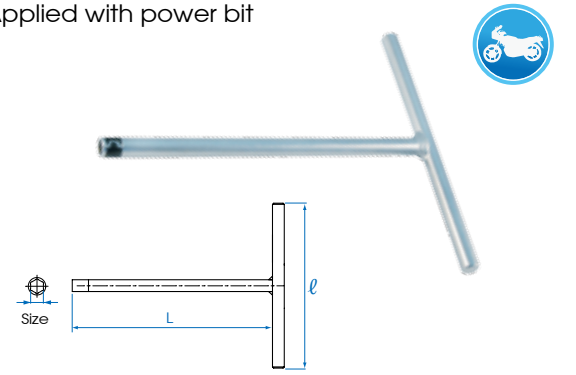
KT NO.	ℓ mm	L mm		
3795-15	200	375	375	10 / 40
3795-18	200	455	425	10 / 40
3795-24	200	600	500	10 / 40
3795-30	200	750	600	10 / 30

T-shaped Driver

- Chrome vanadium alloy steel
- Chrome plated

21A107

- Applied with power bit

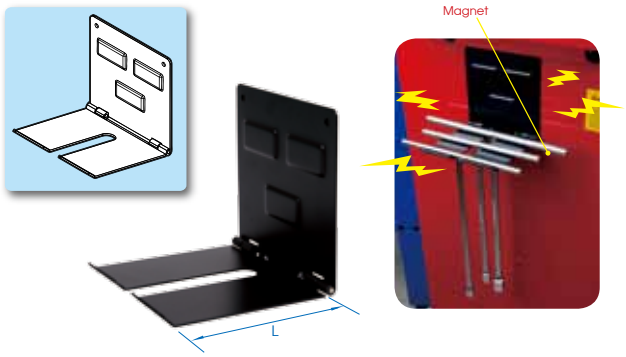


KT NO.	Size inch	ℓ mm	L mm	g	
21A107	1/4	150	175	194	10 / 60

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)

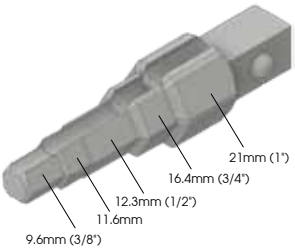


KT NO.	L mm	Capacity kg	Capacity lbs	g	
9TE21	120	5	11	533	1 / 45

Stepped Ratchet Radiator key Set

7HA03 new

- 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
- 4724-11G 11° gear action degree (32 teeth), DIN 3122



Hexagon A/F

Contents		0.74	1 / 24
4724-11G			
7HA11	3/8", 1/2", 3/4", 1"		
4724-01			

Notes

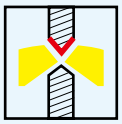
PLIERS

- Pliers
- Circlip Pliers
- Insulated Pliers
- Grip Pliers
- Wire Twisting Pliers

KING TONY

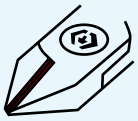
CUTTING EDGES TECHNICAL BASICS

CUTTING EDGE SHAPES

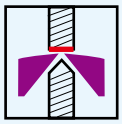


With bevel
(outside bevel)

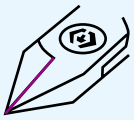
With very small bevel
(outside bevel)



With small bevel
(outside bevel)



Without bevel
(outside bevel)

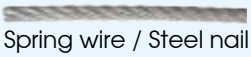


WIRE CLASSES

Soft wire

Copper / Aluminium

Hard wire

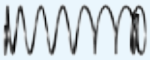


Spring wire / Steel nail

Medium hard wire

Iron nail

Piano wire



Hardend spring steel

TECHNICAL BASICS

Thin
serrated

Coarse
serrated

With opening
spring

JAWS TYPE

Round jaws

Half-round jaws

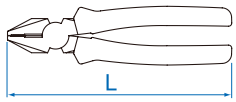
Flat & point jaws

Combination Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6111

- European type
- Polished head
- DIN ISO 5746



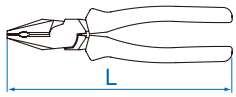
6111

6111C

KT NO.	L inch	L mm	⊙ ø mm	Cutting capacities ◉ ø mm	Cutting capacities ◉ ø mm	● 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



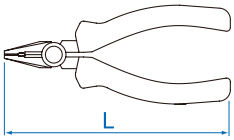
6112

6112C

KT NO.	L inch	L mm	⊙ ø mm	Cutting capacities ◉ ø mm	Cutting capacities ◉ ø mm	● 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

6114

- Mini type
- DIN ISO 5746



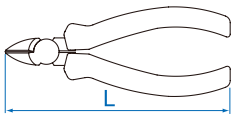
KT NO.	L inch	L mm	⊙ ø mm	Cutting capacities ◉ ø mm	● ø mm	g	
6114-05	5-1/2	140	3.0	2.0	1.6	85	8 / 160

Diagonal Cutting Nippers

- Grip material - PP + TPR
- Polished heads

6211

- European type
- DIN 5749



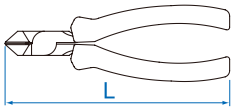
KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	Cutting capacities ø mm	ø mm	g	
6211-06	6-1/2	163	4.0	2.8	2.0	1.6	194	8 / 96

Diagonal Cutting Nippers

- Grip material - PP + TPR
- Polished heads

6213

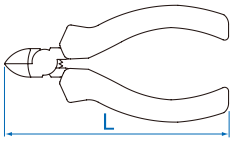
- Japanese type



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

6214

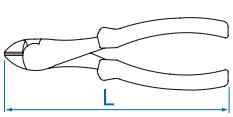
- Mini type



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

6231

- Heavy duty type
- DIN ISO 5749



6231-07

6231-08

KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	Cutting capacities ø mm	ø mm	g	
6231-07	7-1/2	188	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

Plastic Pliers

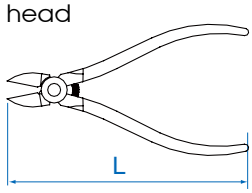
CAUTION

- In order to get normal life of pliers, do not cut steel wire.

• Grip material - PP + TPR / item no. with "C" is made of PVC

6921

- European type
- Polished head



6921

6921C

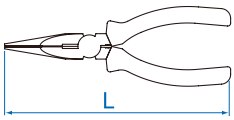
KT NO.	L inch	L mm	g	
6921-05	5	132	98	6 / 120
6921-06	6	155	238	6 / 72
6921-07	7	178	276	6 / 60
6921-05C	5	132	89	6 / 120
6921-06C	6	155	132	8 / 96
6921-07C	7	178	170	6 / 60

Long Nose Pliers

• Grip material - PP + TPR

6311

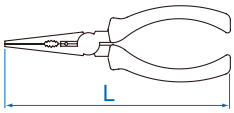
- European type
- DIN ISO 5745



KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm	ø mm	g	
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

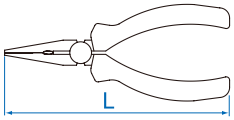
- Japanese type
- DIN ISO 5745



KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm	ø mm	g	
6313-06	6-1/2	169	4.0	2.8	1.8	1.6	145	10 / 120

6314

- Mini type
- DIN ISO 5745



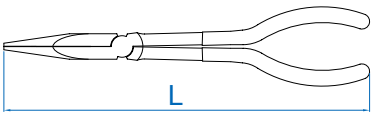
KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm	g	
6314-05	5-1/2	140	3.0	2.0	1.6	100	8 / 160

Extra Long Nose Pliers

• Grip material - PVC

6319-11C

▪ Slim jaws design for gripping components in recessed areas



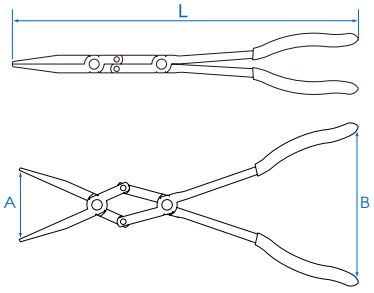
KT NO.	L inch	L mm		
6319-11C	11	280	317	6 / 48

Double Joint Nose Pliers

• Grip material - PVC

6329-13C new

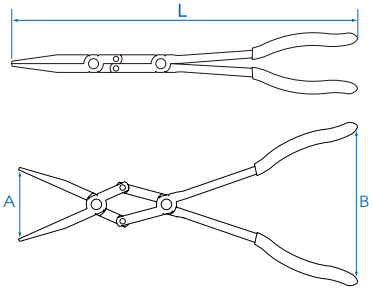
▪ Double joint and slim profile, for working a greater width in a narrow space, even single-handed
▪ Serrated nose for good grip



KT NO.	L inch	L mm	A Up on jaw capacity (mm)	B Grip width (mm)		
6329-13C	13	340	50	110	365	5 / 40

6339-13C new

▪ Double joint and slim profile, for working a greater width in a narrow space, even single-handed
▪ Serrated nose for good grip



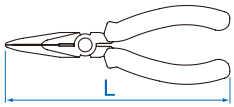
KT NO.	L inch	L mm	A Up on jaw capacity (mm)	B Grip width (mm)		
6339-13C	13	335	50	110	365	5 / 40

Bent Nose Pliers

• Grip material - PP + TPR

6331

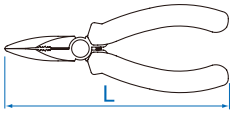
▪ European type
▪ DIN ISO 5745



KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	Cutting capacities ø mm	ø mm	g	
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

6334

▪ Mini type
▪ DIN ISO 5745



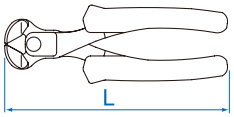
KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	ø mm	g	
6334-05	5	127	3.0	2.0	1.6	102	8 / 160

End Cutting Pliers

• Grip material - PP + TPR

6411

▪ European type
▪ DIN ISO 5748

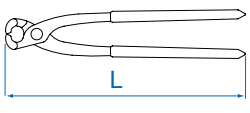


KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	Cutting capacities ø mm	ø mm	g	
6411-06	6-1/2	163	4.0	3.0	1.6	1.6	268	8 / 80

• Grip material - PP + TPR / item no. with "C" is made of PVC

6431

▪ European type
▪ DIN ISO 9242



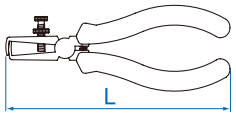
KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	ø mm	g	
6431-10C	10	254	3.0	2.0	1.6	445	6 / 48
6431-11C	11	278	3.0	2.2	1.8	510	6 / 48

Stripping Pliers

• Grip material - PP + TPR

6711

▪ With spring and adjusting screw



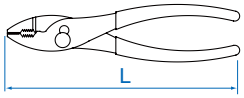
KT NO.	L inch	L mm	ø mm	Wire stripper mm²	g	pcs / box
6711-06	6	155	5	10	191	8 / 80

Slip Joint Pliers

• Grip material - PVC

6463

▪ 2 positions adjustment
▪ Serrate jaws



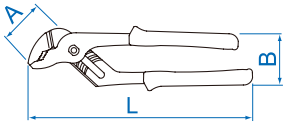
KT NO.	L inch	L mm	g	pcs / box
6463-08C	8	210	290	8 / 80

Groove Joint Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6511

▪ 7 positions opening
▪ DIN ISO 8976



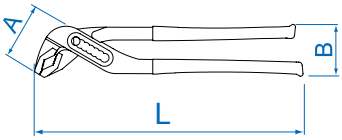
6511-10

6511C

KT NO.	L inch	L mm	mm	A mm	B mm	g	pcs / box
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

6516

▪ German type
▪ 7 positions opening
▪ DIN ISO 8976



6516-10

6516C

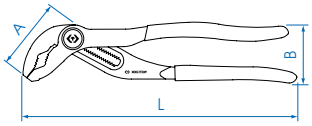
KT NO.	L inch	L mm	mm	A mm	B mm	g	pcs / box
6516-10	10	253	36	58	61	386	6 / 48
6516-10C	10	253	36	58	61	300	8 / 64

Groove Joint Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6517

- Quick lock
- Grip material-PVC
- DIN ISO 8976



KT NO.	L inch	L mm	mm	A mm	B mm	g	
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

Circlip Pliers

- Design of hidden spring
- High strength of tip
- Straight and angled pattern
- DIN 5254 & DIN 5256

Internal type

External type

66HS new

66HB new

66SS new

66SB new

KT NO.	Tips	Overall length inch	Overall length mm	Ø-tips	Capacity Ø mm	g	
66HS-07		7	188	1.8	19~60	176	12 / 144
66HB-07		7	175	1.8	19~60	176	12 / 144
66SS-07		7	188	1.8	19~60	195	12 / 144
66SB-07		7	175	1.8	19~60	195	12 / 144

Circlip Pliers

- For internal retaining rings
- Straight and angled pattern
- DIN 5254 & DIN 5256

Japanese type

European type

Internal type

67HS | 67HB | 68HS | 68HB

KT NO.	Tips	Overall length inch	Overall length mm	Ø-tips	Capacity Ø mm		
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

- For external retaining rings
- Straight and angled pattern
- DIN 5254 & DIN 5256

Japanese type

European type

External type

67SS | 67SB | 68SS | 68SB

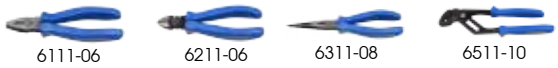
KT NO.	Tips	Overall length inch	Overall length mm	Ø-tips	Capacity Ø mm		
67SS-07		7	180	1.8	19~60	130	12 / 144
67SB-07		7	180	1.8	19~60	130	12 / 144
68SS-05		5	125	1.3	12~28	101	10 / 80
68SS-07		7	180	1.8	19~60	130	12 / 144
68SS-10		10	250	2.3	40~100	291	8 / 64
68SB-05		5	125	1.3	12~28	101	10 / 80
68SB-07		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

• Pouch material : Nylon

42104GP

Contents | 1.17 kg | 1 / 18



6111-06 | 6211-06 | 6311-08 | 6511-10

42104GP01

Contents | 1.17 kg | 1 / 18

6111-06 | 6211-06 | 6311-08 | 6516-10C

42124GP

Contents | 1.48 kg | 1 / 18

6111-08 | 6311-08 | 6231-08 | 6511-10C

42124GP01

Contents | 1.48 kg | 1 / 18

6111-08 | 6311-08 | 6231-08 | 6516-10C

42104GP | 42104GP01

42124GP | 42124GP01

Circlip Pliers Set

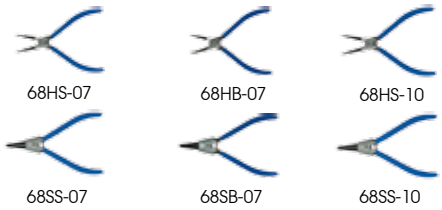
42114GP

Contents | 0.62 kg | 1 / 32

68HS-07 | 68SS-07 | 68HB-07 | 68SB-07

42116GP

Contents | 1.33 kg | 1 / 18



68HS-07 | 68HB-07 | 68HS-10

68SS-07 | 68SB-07 | 68SS-10

42114GP

42116GP

Display Stand for PVC Pliers

87116 new

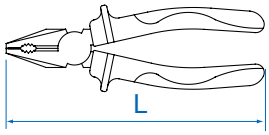
- Capacity: 12 PC.
- Size: 243 x 205 x 200 mm
- Suitable for displaying PVC grip pliers

Combination Pliers

- Grip material-TPR
- Polished head
- Chrome vanadium steel
- IEC DIN EN 60900

1000V

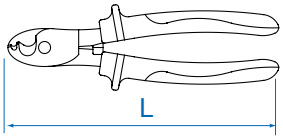
6116



KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm	ø mm		
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

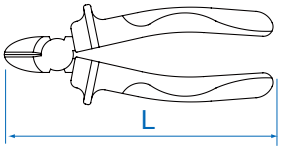
6146



KT NO.	L inch	L mm	ø mm		
6146-08A	8-1/4	214	14	360	10 / 60

Diagonal Cutting Pliers

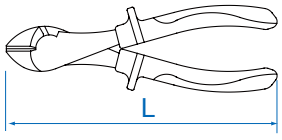
6216

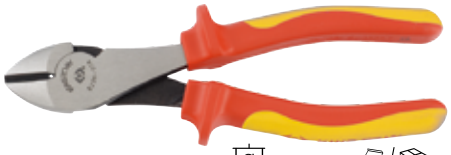


KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm	ø mm		
6216-06A	6-1/2	167	4.0	2.8	2.0	1.6	230	10 / 60

Heavy Duty Diagonal Cutting Pliers

6236

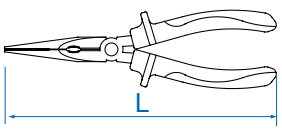




KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm	ø mm		
6236-07A	7-1/2	190	5.0	3.5	2.4	2.0	280	10 / 60

Long Nose Pliers

6318



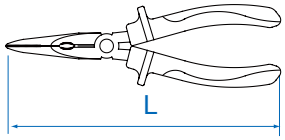
KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm	ø mm		
6318-08A	8-1/4	210	4.0	2.8	2.0	1.6	230	10 / 60

Bent Nose Pliers

- Grip material-TPR
- Polished head
- Chrome vanadium steel
- IEC DIN EN 60900

1000V

6336

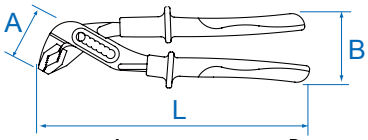


KT NO.	L inch	L mm	ø mm	Cutting capacities ø mm	ø mm	ø mm	g	
6336-08A	8	200	4.0	3.0	2.0	1.6	250	10 / 60

Groove Joint Pliers

- Box joint

6516

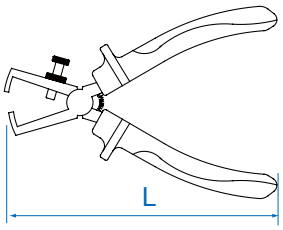


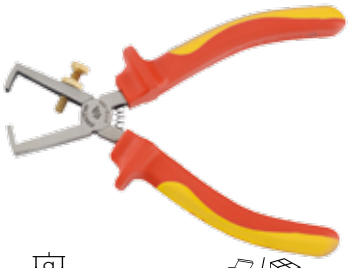
KT NO.	A mm	B mm	L inch	L mm	mm	g	
6516-10A	55	63	10	250	36	420	10 / 50

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

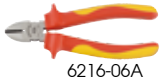
40603GP

Contents

0.89 kg | 1 / 20

6116-07A

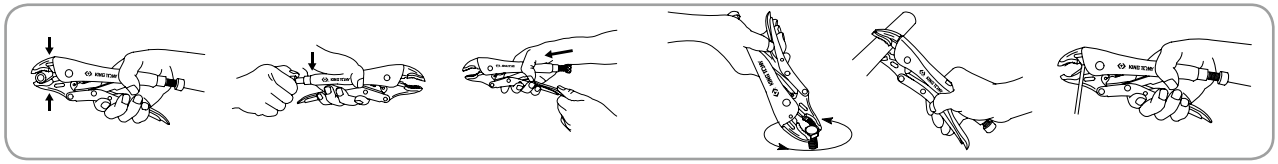
6318-08A


6216-06A

3 PC.

Lock Grip Pliers

• Finishing - option 1 : chrome plated (R)
option 2 : nickel plated (N)



6011

- Curved jaw with wire cutter
- With adjusting screw and release lever
- Jaw width 10mm, length 30mm
- ASME B107.24

MATERIAL - Jaw : Spring alloy steel
Handle : Chrome molybdenum alloy steel

6011R

6011N

KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	pc/box
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 B107.24

MATERIAL - Jaw : Chrome molybdenum alloy steel
Handle : Chrome molybdenum alloy steel

KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	pc/box
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 B107.24

MATERIAL - Jaw : Spring alloy steel
Handle : Chrome molybdenum alloy steel

6031R

6031N

KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	pc/box
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 B107.24

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 / 30
6315-09	9	221	70	393	6 / 36

Lock Sheet Metal Grip Pliers

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

Lock Chain Grip Pliers

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

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

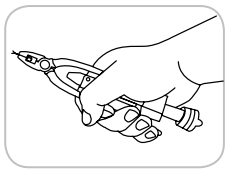
KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
6625-06	7	175	54	250	6 / 72
6625-11	11	280	96	840	1 / 20
6625-18	18-1/2	457	200	1220	1 / 10

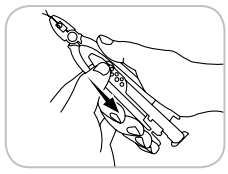
Wire Twisting Pliers

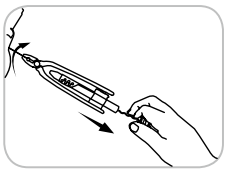
6121

6122

- Simple pull action twisting wires into a tight uniform fastener
- Material: Chrome vanadium alloy steel


• Grip wire and pull down the bar


• Pull the lock

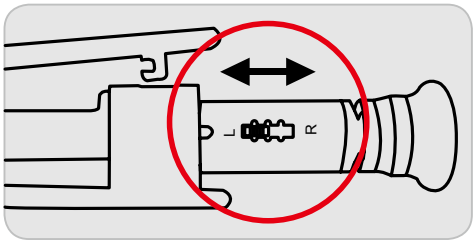

• Pull the knob

6121

Reversible

6122

(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	12 / 48
6122-06X	reversible wire twisting pliers 6"	337	10 / 40
6122-09X	reversible wire twisting pliers 9"	450	10 / 30

Notes

PIPE TOOLS

- Pipe / Tube Cutting
- Pipe Wrench
- Flaring / Swaging
- Bending

KING TONY
PATENTED

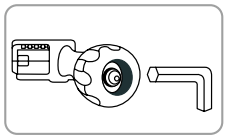
Ratchet Tubing Cutter

Features:

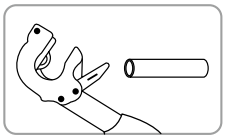
- Cuts without having to rotate tool completely around tubing
- Ratchet mechanism allows for tight area operation
- Cuts through some of the toughest surfaces: stainless steel, wall conduit, copper and aluminum
- Exclusive one hand operation, limited risks of hand-fatigue and injuries

7912-21

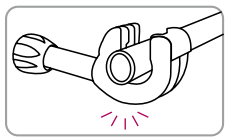
- Comes with spare blade.
- Provided with foldable reamer.



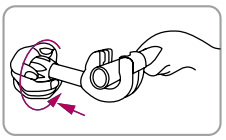
- Use standard hex key to remove back-up blade located in the handle base.



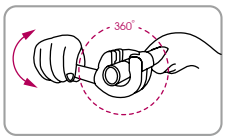
- Deploy foldable reamer provided to smoothen sharp edges.



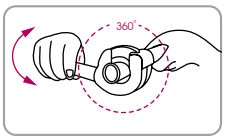
1. Place tube securely between cutter jaws.



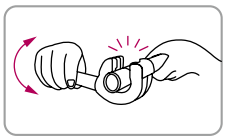
2. Rotate clock-wise to tighten jaw grip.



3. Pull knob out, down & release in a single action to start cutting procedure.



4. Repeat "Up & Down" action until open face up.



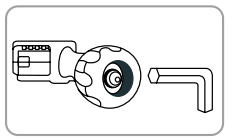
5. Tighten tool around the tube when needed. Repeat each actions until tube is cut.

7912-22

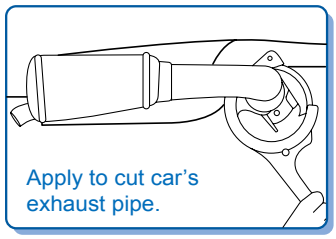
KT NO.	Capacity ø mm	Max. cutting thickness (mm)		Remark	g	
		Stainless	Other			
7912-21	8-28	2	3.0	spare blade	389	1 / 40
7912-22	12-35	2	3.0	spare blade / reamer	452	1 / 40

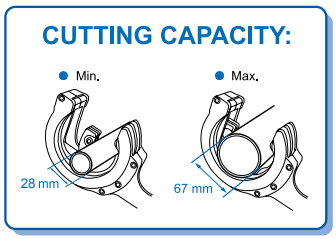
7912-23

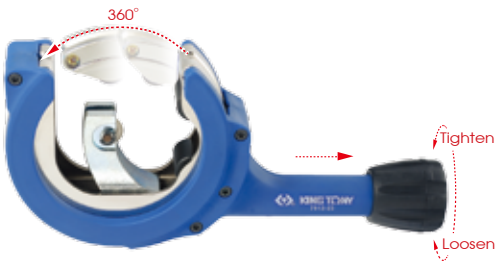
- Comes with spare blade.
- Apply to cut car's exhaust pipe.

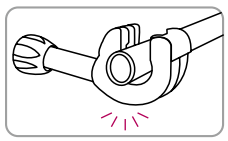


- Use standard hex key to remove back-up blade located in the handle base.

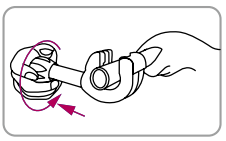




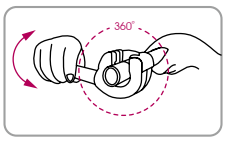




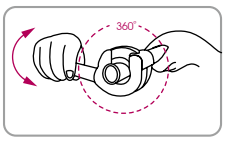
1. Place tube securely between cutter jaws.



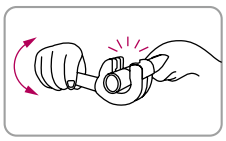
2. Rotate clock-wise to tighten jaw grip.



3. Pull knob out, down & release in a single action to start cutting procedure.



4. Repeat "Up & Down" action until open face up.



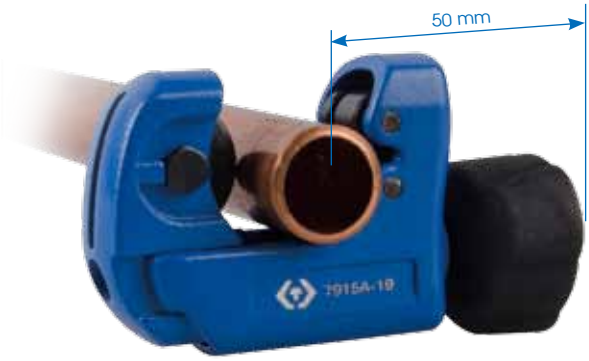
5. Tighten tool around the tube when needed. Repeat each actions until tube is cut.

KT NO.	Capacity ø mm	Max. cutting thickness (mm)		Remark	g	
		Stainless	Other			
7912-23	28-67	2	3.0	spare blade	1122.6	1 / 10

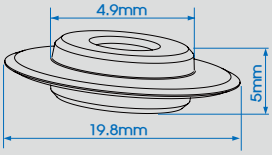
Mini Tube Cutter

7915A-19

- For copper, brass, aluminum pipes
- Specifically design for using in restricted place
- With two guide rollers
- 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



• Cutting wheel

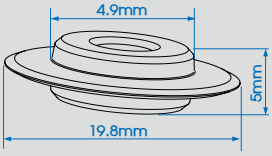


7914A-0111 13 25 / 250

KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm		
7915A-19	1/8~3/4	3~19	1.2	2-1/2	62	152	10 / 100

7915A-28

• Cutting wheel



7914A-0111 13 25 / 250

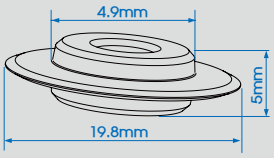
KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm		
7915A-28	1/8~1-1/8	3~28	1.2	2-3/4	70	205	10 / 100

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

- Cutting wheel



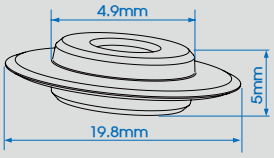
7914A-0111 13 25 / 250

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

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

- Cutting wheel



7914A-0111 13 25 / 250

- Replacement blade for deburring

7914B-4521 3 1 / 500

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

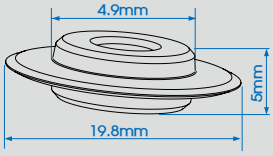
Tube Cutter for Copper

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

- The ratchet telescopic guide with automatic spring-driven release for adjust quickly.

- Cutting wheel



7914A-0111 13 25 / 250

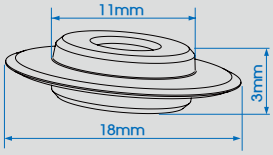
- Replacement blade for deburring
- For steel metal pipes and profiles

7914C-7021 17 1 / 300

KT NO.	Cutting capacity inch	Cutting capacity mm	max. (mm)	Overall length inch	Overall length mm	g	pcs/box
7914C-70	1/4~2-3/4	6~70	1.2	8-3/4	222	802	4 / 24

7915-30 new

- Cutting wheel



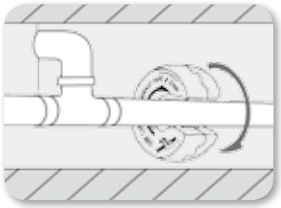
7915-3011 10 25 / 250

KT NO.	Cutting capacity inch	Cutting capacity mm	max. (mm)	Overall length inch	Overall length mm	g	pcs/box
7915-30	1/8~1-1/8	3~30	1.2	5-1/2	140	231	10 / 60

Tube Cutter for Copper

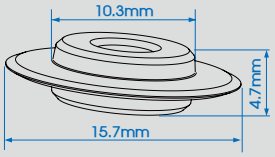
7916M

- For copper pipes
- Easy to use in restricted space
- Self-alignment for adjustment



• Ideal for hard to reach places

• Cutting wheel (For 12M, 15M, 21M, 22M)



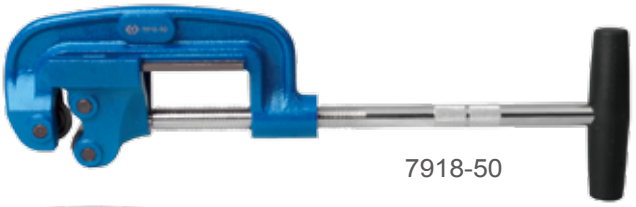
7916-0111 | 11 | 25 / 250

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

Tube Cutter for Steel

7918

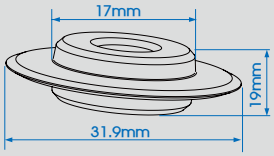
- For steel pipes
- Strong cast housing
- Extra-long shank provides for quick & easy adjustment
- Possible for large pipe sizes
- Perfectly balanced



7918-50

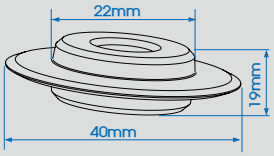
7918-A0

• Cutting wheel (For 7918-50)



7918-5011 | 39 | 1 / 200

• Cutting wheel (For 7918-A0)



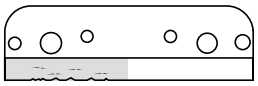
7918-A011 | 66 | 1 / 200

KT NO.	inch	mm	max. (mm)	Overall length mm	g	
7918-50	1/8~2	10~60	3	450	2215	1 / 8
7918-A0	1-1/4~4	43~114	3	900	5020	1 / 4

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



- Tube cutter for soft plastic pipe wheel
- Capacity Ø3~35

7913B-3511 36 g 1 / 100

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

Ratchet Tubing Cutter

7913

- For PVC, PP, PE, PEX, PB pipes
- Ratchet design for quick cutting

KT NO.	Capacity Ø inch	Capacity Ø mm	g	
7913-42	1/2~1-5/8	6~42	360	10 / 50

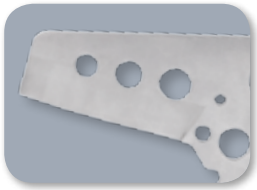
2-in-1 Ratchet Tubing Cutter

7913A-63

- Easy one-hand operation
- Cut into thick pipe and thin pipe
- Easily apply for 50~63mm O.D.
- Comfortable TPR handle
- For unitary material tube: PE, PP, PVDF, PB, PVC or similar tube
- Advanced tool steel blade and aluminum body

- 2-in-1 ratchet tubing cutting wheel
- Capacity Ø6~63

190 1 / 100

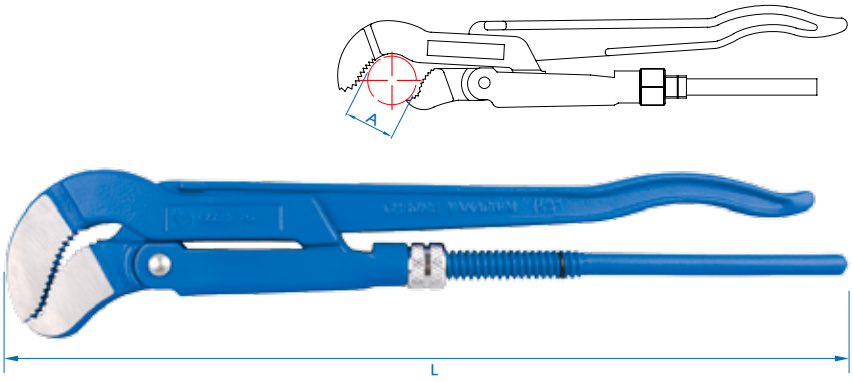


KT NO.	inch	mm		
7913A-63	1/2~2-1/2	6~63	802	6 / 24

"S" Pipe Wrench

6521

- For nuts, bolts, flat material
- Self-clamping: 3-point clamping ensures reliable and firm grip even on smooth pipes
- A non-detachable adjusting nut with round thread ensures a wide adjustment
- For working in confined space

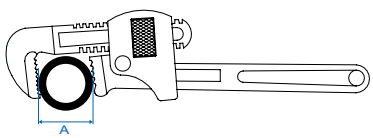


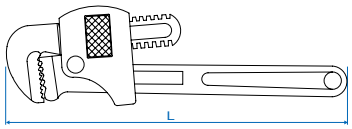
KT NO.	A mm	Size inch	L inch	L mm		
6521-09	13	1/2	9-1/4	235	415	1 / 20
6521-13	25	1	13	330	791	1 / 20
6521-16	38	1-1/2	16-1/2	420	1450	1 / 12
6521-21	51	2	21	535	2404	1 / 6
6521-26	76	3	25-5/8	652	5030	1 / 2

Pipe Wrench

6531

- Professional stillson type
- High quality steel





KT NO.	A inch	A mm	L inch	L mm		
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 Wrenches

6532

- Extra heavy type
- Forged parts tempered
- Teeth offset against direction of rotation and induction-hardened

KT NO.	A mm	L inch	L mm	g	
6532-08	25	8	185	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	400	1960	1 / 12
6532-24	75	24	525	3640	1/ 6
6532-36	90	36	720	6300	1 / 2
6532-48	110	48	1030	9100	1 / 2

"Aluminum" Offset Pipe Wrench 90°

6541L

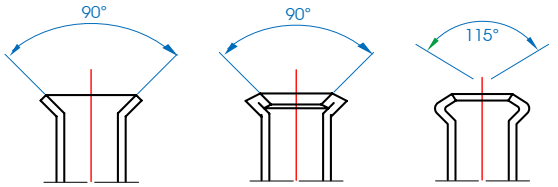
- Suitable for walls and floors, ceilings and other places beside the pipe work

KT NO.	A mm	L inch	L mm	g	
6541-14L	60	14	356	856	1 / 20
6541-18L	76	18	457	1486	1 / 10

45° Flaring Tool Set

7CA0110S

- For producing precision 45° single flares on copper, brass, aluminium pipes up to 1 mm wall thickness
- Suitable for pipes in refrigeration, air conditioning



10 PC.

KT NO.	Contents	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"	

Swaging 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

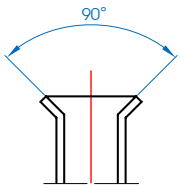
9 PC.

KT NO.	Contents	2.73	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"	

Flaring Tool

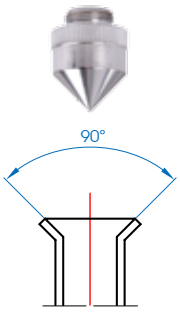
7CA21-24S

- Specifically design for smooth flares
- 45° flaring tool on copper pipes
- Designed for high pressure R410A systems

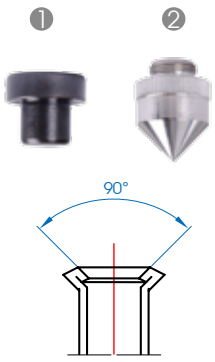


KT NO.	Description inch	max. (mm)		
7CA21-24S	1/4, 5/16, 3/8, 1/2, 5/8, 3/4	1.2	1556	1 / 12

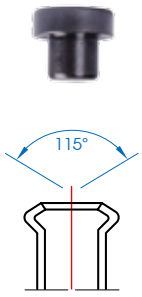
Type of the flares



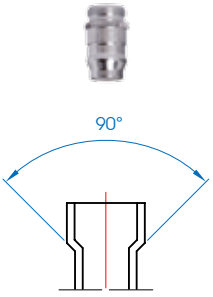
Single flare



Double flare



Bubble flare



Tube expanding

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 (pipe up to 0.6 mm wall thickness for steel)
- Ø 8 - 16 mm (5/16" – 3/4")
- 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

7CA11-15M / 7CA11-16M
7CA11-20S / 7CA11-24S

7CA11S

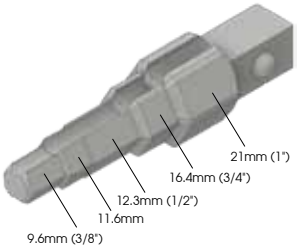
KT NO.	mm	max. (mm)	R(radius) inch	R(radius) mm	Overall length inch	Overall length mm		
7CA11-10M	10	0.9	15/16	24	13	334	964	1 / 20
7CA11-12M	12	1.2	1-1/2	38	20	493	1833	1 / 12
7CA11-15M	15	1.2	2-1/4	57	30	758	2832	1 / 8
7CA11-16M	16	1.2	2-1/4	57	30	758	2832	1 / 8

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 new

- 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
- 4724-11G 11° gear action degree (32 teeth), DIN 3122



Hexagon A/F

Contents		0.74 kg	1 / 24
	4724-11G		
	7HA11	3/8", 1/2", 3/4", 1"	
	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	Ø	g	
341118-17M	17	18	260	1/4"	480	1 / 40
341142-22M	22	42	260	3/8"	480	1 / 40
341155-26M	26	55	260	1/2"	480	1 / 40
341165-29M	29	65	315	5/8"	570	1 / 20

3411003MR01

4 PC.

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	

Notes .....

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
KING TONY
KING TONY
KING TONY
KING TONY
KING TONY
KING TONY
KING TONY
759-140

Screwdriver

- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated

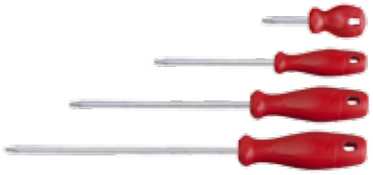
KT No. & D1

1411

- Phillips head, round shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm		
14110003	PH0	75	3	3.0	27	12 / 240
14110104	PH1	100	4	5.0	40.8	12 / 240
14110214	PH2	38	1-1/2	6.0	30	12 / 144
14110204	PH2	100	4	6.0	70	12 / 96
14110204-E*	PH2	100	4	6.0	84	12 / 96
14110205-E*	PH2	125	5	6.0	114	12 / 144
14110206	PH2	150	6	6.0	82	12 / 144
14110206-E*	PH2	150	6	6.0	96	12 / 144
14110208-E*	PH2	200	8	6.0	137	12 / 144
14110306	PH3	150	6	8.0	126	12 / 144
14110308	PH3	200	8	8.0	146	12 / 144

* Enlarged handle

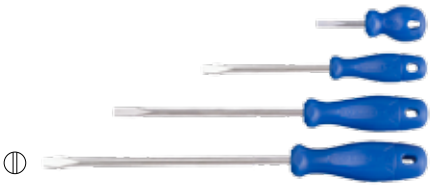


1412

- Slotted head, round shank
- DIN ISO 2380

KT NO.	mm	inch	mm	mm	inch	mm		
14120303	3.0	1/8	0.5	75	3	3	27	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	12 / 240
14126514	6.5	1/4	1.2	38	1-1/2	6	30	12 / 144
14126504	6.5	1/4	1.2	100	4	6	70	12 / 96
14126504-E*	6.5	1/4	1.2	100	4	6	107	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	12 / 144
14120806	8.0	5/16	1.2	150	6	8	124	12 / 144
14120808	8.0	5/16	1.2	200	8	8	146	12 / 144

* Enlarged handle



2411

- Two-way screwdriver hex shank

KT NO.	No.	mm	mm	mm	inch		
24110204	PH2	7.0	1.2	100	4	89	20 / 240
24110214	PH2	7.0	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

35105MR new

KT NO.	Contents		0.54 kg	1 / 20
35105MR	⊕	1411	PH1 x 100, PH2 x 100	
	⊖	1412	4 x 100, 5.5 x 100, 6.5 x 150	

35107MR new

KT NO.	Contents		0.72 kg	1 / 20
35107MR	⊕	1411	PH1 x 100, PH2 x 100, PH3 x 150	
	⊖	1412	4 x 100, 5.5 x 100, 6.5 x 150	

35116MR01 new

KT NO.	Contents		0.65 kg	1 / 20
35116MR01	⊕	1411	PH1 x 100, PH2 x 100, PH3 x 150	
	⊖	1412	4 x 100, 5.5 x 100, 6.5 x 150	

5 PC.

35105MR

7 PC.

35107MR

6 PC.

35116MR01

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	6.0	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	3.0	1/8	0.5	75	3	3.2	38	12 / 144
14220404	4.0	5/32	0.8	100	4	4	56	12 / 96
14220503	5.0	3/16	0.8	75	3	5	60	12 / 96
14220504	5.0	3/16	0.8	100	4	5	62	12 / 96
14225503	5.5	7/32	1.0	75	3	5	71	12 / 96
14225504	5.5	7/32	1.0	100	4	5	75	12 / 96
14225505	5.5	7/32	1.0	125	5	5	78	12 / 144
14225506	5.5	7/32	1.0	150	6	5	82	12 / 144
14226514	6.5	1/4	1.2	38	1-1/2	6	44	12 / 144
14226504	6.5	1/4	1.2	100	4	6	84	12 / 96
14226506	6.5	1/4	1.2	150	6	6	94	12 / 144
14220806	8.0	5/16	1.2	150	6	8	141	12 / 144
14220807	8.0	5/16	1.2	175	7	8	153	12 / 144
14220808	8.0	5/16	1.2	200	8	8	163	12 / 144
14221008	10.0	3/8	1.6	200	8	10	212	12 / 72

KT NO.	mm	inch	mm	mm	inch	mm	g	
14220512	5.0	3/16	0.8	300	12	5	94	12 / 96
14220516	5.0	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

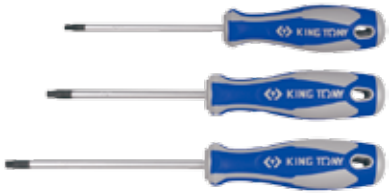
- Shank material - SNCM - V alloy steel
- Grip material - PP +TPR
- Finishing - chrome plated with black tip

KT No. & D1

1423

▪ For torx head screw, round shank

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 / 240
14230903	T9	75	3	3.2	38	12 / 240
14231003	T10	75	3	3.2	38	12 / 144
14231503	T15	75	3	4.0	55	12 / 96
14231510	T15	250	10	5.0	86	12 / 144
14232004	T20	100	4	5.0	63	12 / 96
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



14232010, 14232510, 14233010 at the dashboard, car body, engine compartment as well as in industry.

1424

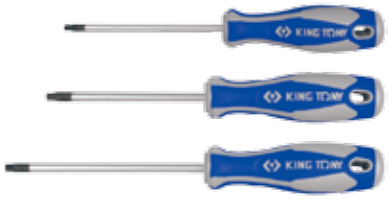
▪ Square head

KT NO.	Size	mm	mm	g	
14240105	RB1	125	5.0	61	20 / 240
14240204	RB2	100	6.0	76	12 / 144
14240206	RB2	150	6.0	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 / 240
14270903	T9H	75	3	3.2	38	12 / 240
14271003	T10H	75	3	3.2	38	12 / 144
14271503	T15H	75	3	4.0	55	12 / 96
14272004	T20H	100	4	5.0	53	12 / 96
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

31107MR

KT NO.	Contents	0.7 kg	1 / 20
31107MR	1421	PH0 x 60, PH1 x 80, PH1 x 100, PH2 x 38, PH2 x 100, PH2 x 150, PH3 x 150	

30118MR

KT NO.	Contents	0.87 kg	1 / 20
30118MR	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	

30115MR

KT NO.	Contents	0.54 kg	1 / 20
30115MR	1421	PH1 x 80, PH2 x 100	
	1422	4 x 100, 5.5 x 125, 6.5 x 150	

31116MR

KT NO.	Contents	0.56 kg	1 / 20
31116MR	1421	PH0 x 60, PH1 x 80, PH2 x 100	
	1422	3 x 75, 5.5 x 100, 6.5 x 150	

31216MR

KT NO.	Contents	0.56 kg	1 / 20
31216MR	1421	PH1 x 80, PH2 x 100	
	1422	5 x 75, 5 x 100, 6.5 x 100, 6.5 x 150	

30117MR

KT NO.	Contents	0.72 kg	1 / 20
30117MR	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	

33108MR

KT NO.	Contents	1.3 kg	1 / 10
33108MR	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	

30127MR

KT NO.	Contents	0.82 kg	1 / 20
30127MR	1428	PZ1 x 80, PZ2 x 100, PZ3 x 150	
	1422	4 x 100, 5.5 x 125, 6.5 x 150, 8 x 175	

7 PC.

31107MR

8 PC.

30118MR

5 PC.

30115MR

6 PC.

31116MR

6 PC.

31216MR

7 PC.

30117MR

8 PC.

33108MR

7 PC.

30127MR

Screwdriver Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

30315PR

KT NO.	Contents	0.37	1 / 20
30315PR	1423	T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125	

30317PR

KT NO.	Contents	0.78	1 / 20
30317PR	1423	T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150	

30319PR

KT NO.	Contents	0.88	1 / 20
30319PR	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	

30307PR

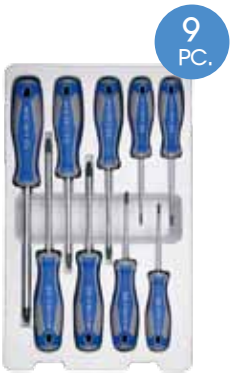
KT NO.	Contents	0.78	1 / 20
30307PR	1427	T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150	

30309PR

KT NO.	Contents	0.88	1 / 20
30309PR	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	

30315PR

30317PR



30319PR

30307PR

30309PR

Heavy Duty Screwdriver & Set

- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated

KT No. & D1

1481

- Phillips head, hex-shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14810103	PH1	75	3	5.0	48	12 / 240
14810204	PH2	100	4	6.0	86	12 / 144
14810204-E*	PH2	100	4	6.0	130	12 / 96
14810205	PH2	125	5	6.0	94	12 / 144
14810205-E*	PH2	125	5	6.0	170	12 / 144
14810306	PH3	150	6	8.0	170	12 / 144
14810412	PH4	300	12	10.0	362	10 / 40

* Enlarged handle

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	5.0	50	12 / 240
14826504	6.5	1/4	1.2	100	4	6.0	88	12 / 144
14826504-E*	5.5	1/4	1.2	100	4	6.0	130	12 / 96
14826505-E*	6.5	1/4	1.2	125	5	6.0	170	12 / 144
14826506	6.5	1/4	1.2	150	6	6.0	120	12 / 144
14820806	8.0	5/16	1.2	150	6	8.0	169	12 / 144
14821012	10.0	12/32	1.6	300	12	10.0	322	10 / 40

* Enlarged handle

36206MR new

6 PC.

Contents — 1.18 kg — 1 / 20

1481	PH1 x 75, PH2 x 100, PH3 x 150
1482	5.5 x 100, 6.5 x 150, 8.0 x 175

Heavy Duty Screwdriver & Set

- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated

35114MR

35114MR01

▪ Standard & insulated screwdriver set

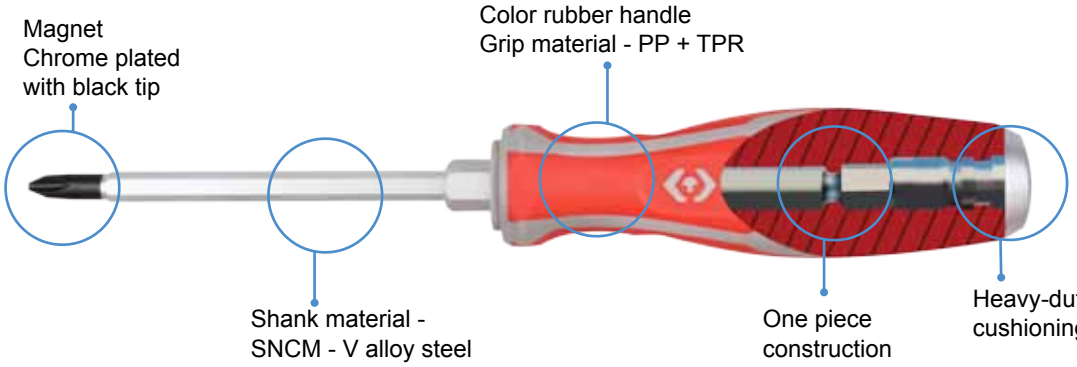
14 PC.

KT NO.	Contents			2.2 kg	1 / 4
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		
35114MR01	1478 PZ2 x 100	1412	3 x 75, 4 x 100, 5.5 x 100, 6.5 x 150, 6.5 x 38, 8 x 200		
		1482	10 x 300		

35114MR01

35114MR

Feature



Heavy Duty Screwdriver & Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tips

KT No. & D1

1461

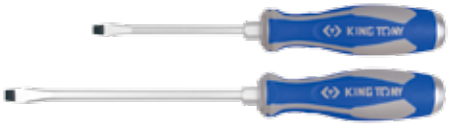
- Phillips head, hex-shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14610103	PH1	75	3	5.0	120	12 / 96
14610204	PH2	100	4	6.0	134	12 / 96
14610206	PH2	150	6	6.0	144	12 / 144
14610306	PH3	150	6	8.0	219	12 / 144

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	5.0	123	12 / 96
14626504	6.5	1/4	1.2	100	4	6.0	134	12 / 96
14626506	6.5	1/4	1.2	150	6	6.0	146	12 / 144
14620806	8.0	5/16	1.2	150	6	8.0	219	12 / 144
14620807	8.0	5/16	1.2	175	7	8.0	228	12 / 144
14621008	10	3/8	1.6	200	8	10	310	12 / 72
14621210	12	15/32	2.0	250	10	10	346	10 / 40



30206MR

6 PC.

Contents

Kg 1.2 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

Screwdriver Set

31512MR

31512MR01

▪ Heavy duty screwdriver shelf set

KT NO.	Contents		Each Q'ty
31512MR	⊕ 1481 PH2 x 125 ⊖ 1482 6.5 x 150	⊕⊖ 24110204 PH2 x 100 ⊕⊖ 24110214 PH2 x 38 ⊕ 1481 PH2 x 100, PH1 x 75, PH2 x 100E*, PH3 x 150 ⊖ 1482 5.5 x 75, 6.5 x 100, 6.5 x 100E*, 8 x 150	6
31512MR01	⊕ 1481 PH2 x 125E* ⊖ 1482 6.5 x 125E*		

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	0.714
31512MR01-A	3.5	1.5
31512MR01-D	7.86	0.38

31416MR

▪ Heavy duty screwdriver shelf 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 & heavy duty screwdriver shelf 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

▪ Screwdriver shelf 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*	

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	0.714

* Enlarged handle

Screwdriver Shelf

87104

- Overall size -W 325 x D 205 x H 270 mm
- Weight - 1.2 Kg / Cuft - 0.3

Reversible Handle

91232

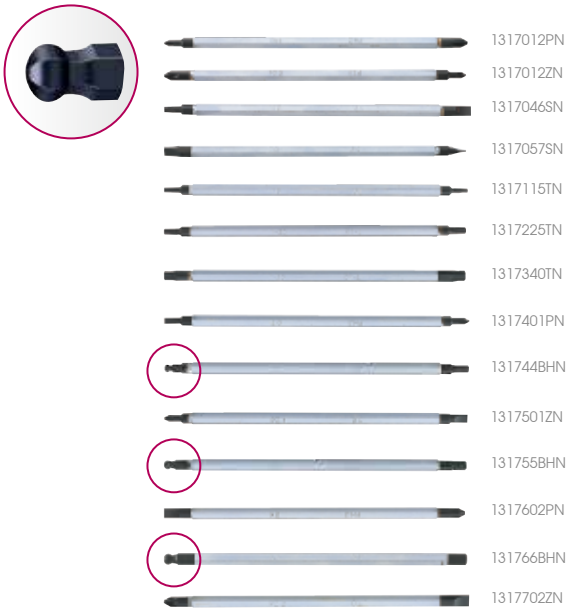
KT NO.	mm	inch		
91232	135	5-1/4	84	12 / 144

Power Bit

- Bits for screwdriver handle 91232
- Material - SNCM - V alloy steel

1317

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	H4 H4	175	7	45	40 / 400
1317501ZN	5.0 PZ1	175	7	45	40 / 400
131755BHN	H5 H5	175	7	45	40 / 400
1317602PN	6.0 PH2	175	7	45	40 / 400
131766BHN	H6 H6	175	7	45	40 / 400
1317702ZN	7.0 PZ2	175	7	45	40 / 400



Screwdriver Set

- Shank material - chrome vanadium alloy steel
- Grip material - PP + TPR
- Shank finishing - chrome plated

32518MR

▪ Two-way screwdriver set

11 PC.

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	H4			H4
131755BHN	H5			H5
131766BHN	H6			H6
91232				

Blow case size (mm) : 233 x 120 x 43 (0.07cuft)

32518MR01

▪ Two-way screwdriver set

11 PC.

Contents				
		0.7		1 / 20
1317115TN	T10			T15
1317225TN	T20			T25
1317340TN	T30			T40
1317401PN	4.0			PH1
131744BHN	H4			H4
1317501ZN	5.0			PZ1
131755BHN	H5			H5
1317602PN	6.0			PH2
131766BHN	H6			H6
1317702ZN	7.0			PZ2
91232				

Blow case size (mm) : 233 x 120 x 43 (0.07cuft)

32518MR02

▪ Two-way screwdriver set

11 PC.

Contents				
		0.7		1 / 20
1317115TN	T10			T15
1317225TN	T20			T25
1317340TN	T30			T40
1317401PN	4.0			PH1
131744BHN	H4			H4
1317012PN	PH1			PH2
131755BHN	H5			H5
1317602PN	6.0			PH2
131766BHN	H6			H6
1317057SN	5.0			7.0
91232				

Blow case size (mm) : 233 x 120 x 43 (0.07cuft)

Insulated Screwdriver

1000V

KT No. & D1

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

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	3.0	1/8	0.5	75	3	3.0	38	12 / 144
14720404	4.0	3/16	0.8	100	4	4.0	44	12 / 96
14725505	5.5	7/32	1.0	125	5	5.5	72	12 / 144
14726506	6.5	1/4	1.2	150	6	6.5	87	12 / 144
14720807	8.0	5/16	1.2	175	7	8.0	143	12 / 144

1474 new

- Square head

KT NO.	Size	mm	mm	g	
14740105	RB1	125	5.5	72	12 / 144
14740206	RB2	150	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

1000V

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

30607MR

30607MR02 new

30617MR

7 PC.

KT NO.	Contents		0.86	1 / 20
30607MR	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		
new 30607MR02	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	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		

30607MR

30607MR02

30617MR

KT No. & D1

30605MR

30615MR

5 PC.

KT NO.	Contents		0.50	1 / 30
30605MR	1472	4 x 100, 5.5 x 125, 6.5 x 150		
	1478	PZ1 x 100, PZ2 x 100		
30615MR	1471	PH1 x 100, PH2 x 100		
	1472	4 x 100, 5.5 x 125, 6.5 x 150		

30605MR

30615MR

Nut Spinner

- Shank material - chrome vanadium alloy steel
- Grip material - PP + TPR
- Shank finishing - chrome plated

KT No. & D1

1450

KT NO.	mm	mm	mm	mm	g	
1450-04	4	4.5	125	225	74	12 / 144
1450-45	4.5	4.5	125	225	76	12 / 144
1450-05	5	5.0	125	225	75	12 / 144
1450-55	5.5	5.0	125	225	81	12 / 144
1450-06	6	6.0	125	225	81	12 / 144
1450-07	7	6.0	125	235	103	12 / 144
1450-08	8	7.0	125	235	108	12 / 144
1450-09	9	7.0	125	235	110	12 / 144
1450-10	10	8.0	125	235	114	12 / 144
1450-11	11	9.0	125	245	166	12 / 144
1450-12	12	10.0	125	245	168	12 / 144
1450-13	13	10.0	125	245	173	10 / 120

5450

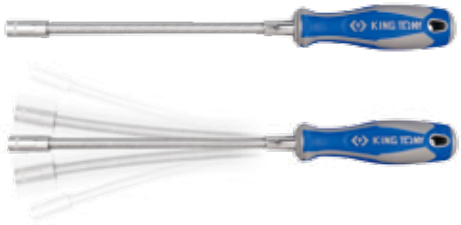
KT NO.	inch	mm	mm	mm	g	
5450-08	1/4	12	125	223	80	12 / 144
5450-10	5/16	8.2	125	223	105	12 / 144

Flexible Nut Spinner

1453

- For the hose clamps on radiator hoses

KT NO.	mm	mm	mm	mm	g	
1453-05	5	9	190	300	136	12 / 144
1453-06	6	9	190	300	135	12 / 144
1453-07	7	9.3	190	300	134	12 / 144
1453-08	8	9.5	190	300	133	12 / 144
1453-10	10	9.5	190	300	132	12 / 144



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 Phillips head

- DIN ISO 2351-2

KT NO.	No.	g	
102500P (102500P.B)	PH0	4.5	20 / 200 (50 / 1000)
102501P (102501P.B)	PH1	5.0	
102502P (102502P.B)	PH2	5.5	
102503P (102503P.B)	PH3	6.0	
102504P (102504P.B)	PH4	6.0	

102512P Phillips head

- Reduced for dry-wall
- DIN ISO 2351-2

KT NO.	No.	g	
102512P (102512P.B)	PH2	5.5	20 / 200 (50 / 1000)

1025S Slotted head

- DIN ISO 2351-1

KT NO.	Tip width (mm)	Tip thickness (mm)	g	
102503S1 (102503S1.B)	3.0	0.5	4.5	20 / 200 (50 / 1000)
102535S1 (102535S1.B)	3.5	0.6	4.5	
102504S1 (102504S1.B)	4.0	0.5	4.5	
102504S2 (102504S2.B)	4.0	0.8	5.0	
102545S1 (102545S1.B)	4.5	0.6	5.0	
102505S1 (102505S1.B)	5.0	0.8	5.0	
102555S1 (102555S1.B)	5.5	0.8	5.0	
102555S2 (102555S2.B)	5.5	1.0	5.0	
102506S1 (10250361.B)	6.0	1.0	5.0	
102565S1 (102565S1.B)	6.5	1.2	5.5	
102507S1 (102507S1.B)	7.0	1.2	5.5	
102508S1 (102508S1.B)	8.0	1.2	6.0	
102508S2 (102508S2.B)	8.0	1.6	6.0	

1025H 5025H Hexagon head

- DIN ISO 2351-3

KT NO.	mm	g	
102515H (102515H.B)	H1.5	4.0	20 / 200 (50 / 1000)
102502H (102502H.B)	H2	4.5	
102525H (102525H.B)	H2.5	4.5	
102503H (102503H.B)	H3	5.0	
102504H (102504H.B)	H4	5.5	
102505H (102505H.B)	H5	6.0	
102506H (102506H.B)	H6	6.0	
102507H (102507H.B)	H7	7.5	
102508H (102508H.B)	H8	9.0	
102510H (102510H.B)	H10	11.5	

KT NO.	inch	g	
502503H (502503H.B)	3/64	4.0	20 / 200 (50 / 1000)
502504H (502504H.B)	1/16	4.0	
502505H (502505H.B)	5/64	4.5	
502506H (502506H.B)	3/32	5.0	
502507H (502507H.B)	7/64	5.0	
502508H (502508H.B)	1/8	5.0	
502509H (502509H.B)	9/64	5.0	
502510H (502510H.B)	5/32	5.5	

1025T

- For torx head screw

KT NO.	Size	g	
102506T (102506T.B)	T6	4.5	20 / 200 (50 / 1000)
102507T (102507T.B)	T7	4.5	
102508T (102508T.B)	T8	4.5	
102509T (102509T.B)	T9	4.5	
102510T (102510T.B)	T10	4.5	
102515T (102515T.B)	T15	5.0	
102520T (102520T.B)	T20	5.0	
102525T (102525T.B)	T25	5.0	
102527T (102527T.B)	T27	5.0	
102530T (102530T.B)	T30	5.0	
102535T (102535T.B)	T35	5.6	
102540T (102540T.B)	T40	6.0	
102545T (102545T.B)	T45	7.0	
102550T (102550T.B)	T50	8.0	

1025U

- For torx head screw
- Tamper resistant type

KT NO.	Size	g	
102507U (102507U.B)	T7H	4.0	20 / 200 (50 / 1000)
102508U (102508U.B)	T8H	4.5	
102509U (102509U.B)	T9H	4.5	
102510U (102510U.B)	T10H	4.5	
102515U (102515U.B)	T15H	4.5	
102520U (102520U.B)	T20H	5.0	
102525U (102525U.B)	T25H	5.0	
102527U (102527U.B)	T27H	5.0	
102530U (102530U.B)	T30H	5.5	
102540U (102540U.B)	T40H	5.5	

1025M Spline head

- DIN 65254

KT NO.	size	g	
102504M	M4	5.0	20 / 200
102505M	M5	5.0	
102506M	M6	6.0	
102508M	M8	7.0	
102510M	M10	10.0	

1025V

- For inside 5-star screw
- Tamper resistant type

KT NO.	Size	g	
102508V	IPR 8	5.0	20 / 200
102509V	IPR 9	5.0	
102510V	IPR 10	5.0	
102515V	IPR 15	5.0	
102520V	IPR 20	5.0	
102525V	IPR 25	5.0	
102527V	IPR 27	5.0	
102530V	IPR 30	5.0	
102540V	IPR 40	6.4	

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.	g	
102501Z (102501Z.B)	PZ1	5.0	20 / 200 (50 / 1000)
102502Z (102502Z.B)	PZ2	5.5	
102503Z (102503Z.B)	PZ3	5.5	

1025R Square head

KT NO.	Size	g	
102500R (102500R.B)	RB0	4.5	20 / 200 (50 / 1000)
102501R (102501R.B)	RB1	5.0	
102502R (102502R.B)	RB2	5.5	
102503R (102503R.B)	RB3	5.5	

1360Z Double Pozidriv head

KT NO.	No.	Overall length (mm)	g	
1360012Z	PZ1 / PZ2	60	13.0	10 / 100
1360022Z	PZ2 / PZ2	60	13.5	
1360023Z	PZ2 / PZ3	60	13.5	

1360Z Pozidriv / Slotted head

KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
1360451Z	PZ1	4.5	0.6	60	13.0	10 / 100
1360552Z	PZ2	5.5	1.0	60	13.5	
1360703Z	PZ3	7.0	1.2	60	13.5	

1360P Double phillips head

KT NO.	No.	Overall length (mm)	g	
1360012P	PH1 / PH2	60	13.0	10 / 100
1360022P	PH2 / PH2	60	13.5	
1360023P	PH2 / PH3	60	13.5	

1360P Phillips / Slotted head

KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
1360451P	PH1	4.5	0.6	60	13.0	10 / 100
1360552P	PH2	5.5	0.8	60	13.5	
1360703P	PH3	7.0	1.2	60	13.5	

1800P Phillips head

- 36 / 80 / 125mmL
- DIN ISO 2251-2

KT NO.	No.	Overall length (mm)	g	
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 Slotted head

- 36 / 80mmL
- DIN ISO 2351-1

KT NO.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
183608S	8	1.2	36	11.5	20 / 200
183609S	9	1.6	36	13.0	20 / 200
183610S	10	1.6	36	14.5	20 / 200
183611S	11	2.0	36	16.0	20 / 200
183612S	12	2.0	36	17.5	12 / 120
183614S	14	2.0	36	20.5	12 / 120
188008S	8	1.2	80	32.0	10 / 100
188010S	10	1.6	80	33.0	10 / 100
188012S	12	2.0	80	34.0	6 / 60

1800H Hexagon head

- 32 / 36 mmL

KT NO.	mm	Overall length (mm)	g	
183203H	H3	32	9.0	20 / 200
183204H	H4	32	9.6	20 / 200
183205H	H5	32	10.4	20 / 200
183206H	H6	32	11.0	20 / 200
183207H	H7	32	12.2	20 / 200
183208H	H8	32	13.4	20 / 200
183210H	H10	32	17.2	20 / 200
183212H	H12	32	21.7	12 / 120
183604H	H4	36	11.3	20 / 200
183605H	H5	36	11.8	20 / 200
183606H	H6	36	13.0	20 / 200
183607H	H7	36	14.0	20 / 200
183608H	H8	36	15.0	20 / 200
183610H	H10	36	18.9	20 / 200
183612H	H12	36	25.0	12 / 120
183614H	H14	36	31.2	12 / 120

Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

5/16" Hex size shank driver

order unit : one box

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	10.0	20 / 200
183220T	T20	32	10.0	20 / 200
183225T	T25	32	10.0	20 / 200
183227T	T27	32	10.5	20 / 200
183230T	T30	32	10.5	20 / 200
183240T	T40	32	10.5	20 / 200
183245T	T45	32	10.5	20 / 200
183250T	T50	32	10.5	20 / 200
183620T	T20	36	10.8	20 / 200
183625T	T25	36	11.2	20 / 200
183627T	T27	36	11.3	20 / 200
183630T	T30	36	11.8	20 / 200
183635T	T35	36	12.1	20 / 200
183640T	T40	36	12.6	20 / 200
183645T	T45	36	13.4	20 / 200
183650T	T50	36	14.4	20 / 200
183655T	T55	36	18.6	20 / 200
183660T	T60	36	22.4	12 / 120
187015T	T15	70	22.0	10 / 100
187020T	T20	70	22.0	10 / 100
187025T	T25	70	22.0	10 / 100
187027T	T27	70	22.0	10 / 100
187030T	T30	70	22.0	10 / 100
187040T	T40	70	22.0	10 / 100
187045T	T45	70	22.0	10 / 100
187050T	T50	70	22.0	10 / 100

1836Z Pozidriv head

- 36 mmL

KT NO.	No.	Overall length (mm)	g	
183602Z	PZ2	36	12.4	
183603Z	PZ3	36	12.4	20 / 200
183604Z	PZ4	36	13.0	

1600H Hexagon head

- 36 / 80mmL

1636xxH

1680xxH

KT NO.	mm	Overall length (mm)	g	
163604H	H4	36	17.3	12 / 120
163605H	H5	36	18.6	12 / 120
163606H	H6	36	19.2	12 / 120
163607H	H7	36	20.1	12 / 120
163608H	H8	36	21.3	12 / 120
163610H	H10	36	24.1	12 / 120
163612H	H12	36	30.5	12 / 120
168004H	H4	80	47.2	6 / 60
168005H	H5	80	48.0	6 / 60
168006H	H6	80	49.4	6 / 60
168007H	H7	80	50.3	6 / 60
168008H	H8	80	50.8	6 / 60
168010H	H10	80	53.8	6 / 60
168012H	H12	80	72.9	6 / 60

1600T

- For torx head screw
- 36 / 80mmL

1636xxT

1680xxT

KT NO.	Size	Overall length (mm)	g	
163610T	T10	36	16.9	12 / 120
163615T	T15	36	17.3	12 / 120
163620T	T20	36	17.6	12 / 120
163625T	T25	36	17.8	12 / 120
163627T	T27	36	18.2	12 / 120
163630T	T30	36	18.3	12 / 120
163640T	T40	36	19.9	12 / 120
163645T	T45	36	20.9	12 / 120
163650T	T50	36	22.9	12 / 120
163655T	T55	36	28.0	12 / 120
163660T	T60	36	32.6	12 / 120
168010T	T10	80	46.3	6 / 60
168015T	T15	80	46.5	6 / 60
168020T	T20	80	46.8	6 / 60
168025T	T25	80	47.1	6 / 60
168027T	T27	80	47.2	6 / 60
168030T	T30	80	47.2	6 / 60
168040T	T40	80	48.0	6 / 60
168045T	T45	80	49.1	6 / 60
168050T	T50	80	50.0	6 / 60
168055T	T55	80	52.3	6 / 60
168060T	T60	80	70.4	6 / 60

Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

10mm Hex size shank driver

order unit : one blister card

1600U

- For torx head screw
- Tamper resistant type
- 36 / 80mmL

KT NO.	Size	Overall length (mm)	g	
163610U	T10H	36	16.9	12 / 120
163615U	T15H	36	17.3	12 / 120
163620U	T20H	36	17.6	12 / 120
163625U	T25H	36	17.8	12 / 120
163627U	T27H	36	18.2	12 / 120
163630U	T30H	36	18.3	12 / 120
163640U	T40H	36	19.9	12 / 120
163645U	T45H	36	20.9	12 / 120
163650U	T50H	36	22.9	12 / 120
163655U	T55H	36	28.0	12 / 120
163660U	T60H	36	32.6	12 / 120
168010U	T10H	80	46.3	6 / 60
168015U	T15H	80	46.5	6 / 60
168020U	T20H	80	46.8	6 / 60
168025U	T25H	80	47.1	6 / 60
168027U	T27H	80	47.2	6 / 60
168030U	T30H	80	47.2	6 / 60
168040U	T40H	80	48.0	6 / 60
168045U	T45H	80	49.1	6 / 60
168050U	T50H	80	50.0	6 / 60
168055U	T55H	80	52.3	6 / 60
168060U	T60H	80	70.4	6 / 60

1600M Spline head

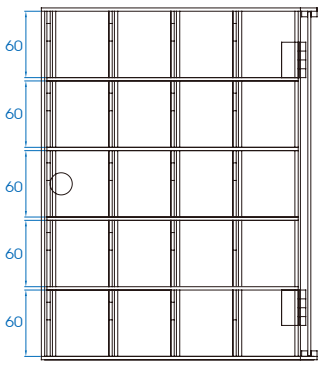
- 36 / 80mmL

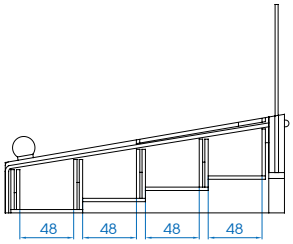
KT NO.	Size	Overall length (mm)	g	
163605M	M5	36	18.3	12 / 120
163606M	M6	36	18.7	12 / 120
163608M	M8	36	19.8	12 / 120
163610M	M10	36	22.4	12 / 120
163612M	M12	36	27.7	12 / 120
168005M	M5	80	47.2	6 / 60
168006M	M6	80	47.9	6 / 60
168008M	M8	80	49.0	6 / 60
168010M	M10	80	51.6	6 / 60
168012M	M12	80	70.1	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	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	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		0.96	1 / 20
1636T	T20,T25, T30, T40, T45, T50, T55		
1680T	T20,T25, T30, T40, T45, T50, T55		
414810M			

1042CQ

Metal case size (mm) : 203 x 79 x 41 (0.023 cuft)

42 PC.

Contents		0.52	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		

Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

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			

5169PR

Metal case size (mm) : 445 x 187 x 50 (0.147 cuft)

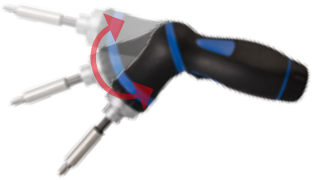
69 PC.

Contents		4.15 kg	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 new 1/4"

- Two position L-handle design for greater torque
- PC+TPR Handle



KT NO.	Gear	Overall Length (mm)	Kg	
2166DF	46 teeth	167	0.28	6 / 72

32809MR

- 9-in-1 ratchet screwdriver set
- Two position L-handle design for greater torque
- Reversible ratchet with 1/4" bit holder
- PC+TPR Handle

9 PC.

Contents	Kg 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	Kg 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		
2166DF		
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	

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			Kg 0.3	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			Kg 0.3	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			Kg 0.29	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.

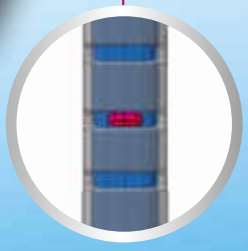
Contents			Kg 0.22	1 / 20
⊖		1025S	4.0, 5.5, 6.5	
⊕		1025P	PH1, PH2, PH3	
✡		1025T	T10, T15, T20	
○		2335M	4, 4.5, 5, 5.5, 6, 7mm	
■		7702-25		
○		753-63		

Power Bit Pocket Case

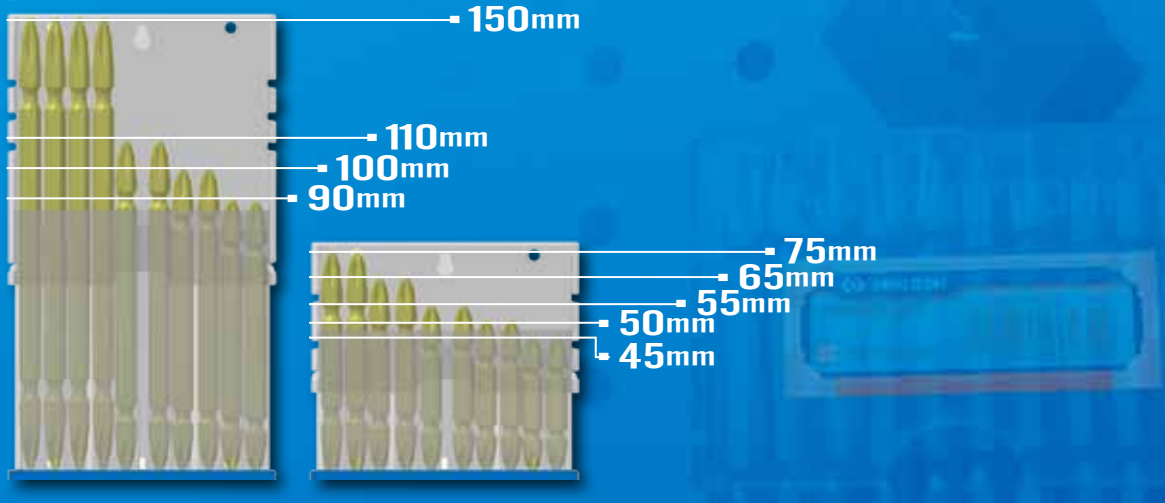
PAT.

- 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, sand-blasted
- Magnetic

1/4" Hex size shank driver

order unit : one blister card

7100P Phillips head

- Short neck (9.5 mm) type
- DIN ISO 2351-2

KT NO.	No.	Overall length (mm)	g	
715000P	PH0	50	8.5	
715001P	PH1	50	9.0	
715002P	PH2	50	11.0	
715003P	PH3	50	11.0	
715004P	PH4	50	14.0	
716502P	PH2	65	15.5	
717001P	PH1	70	16.5	
717002P	PH2	70	17.0	
717003P	PH3	70	17.0	10 / 100
719001P	PH1	90	18.0	
719002P	PH2	90	20.0	
719003P	PH3	90	20.2	
711002P	PH2	100	24.0	
711501P	PH1	150	23.0	
711502P	PH2	150	33.0	
711503P	PH3	150	33.0	

7150S Slotted head

- DIN ISO 2351-1

KT NO.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
715003S1	3.0	0.5	50	6.0	
715035S1	3.5	0.5	50	6.5	
715004S2	4.0	0.5	50	7.0	
715004S1	4.0	0.8	50	7.0	
715045S1	4.5	0.6	50	7.0	
715005S1	5.0	0.8	50	8.0	10 / 100
715055S1	5.5	0.8	50	8.5	
715055S2	5.5	1.0	50	8.5	
715006S1	6.0	1.0	50	8.5	
715065S1	6.5	1.2	50	9.0	

7150H 7115H Hexagon head

- DIN ISO 2351-3

KT NO.	mm	Overall length (mm)	g	
715002H	H2	50	6.0	
715025H	H2.5	50	6.5	
715003H	H3	50	6.5	
715004H	H4	50	9.5	
715005H	H5	50	10.0	
715006H	H6	50	11.0	10 / 100
715007H	H7	50	13.0	
715008H	H8	50	17.0	
711505H	H5	150	34.0	
711507H	H7	150	47.0	

7111H Hexagon head

- DIN ISO 2351-3

KT NO.	mm	Overall length (mm)	g	
711102H	H2	110	11.0	10 / 100
711125H	H2.5	110	11.0	10 / 100
711103H	H3	110	14.0	10 / 100
711104H	H4	110	18.0	10 / 100
711105H	H5	110	24.0	10 / 100
711106H	H6	110	29.0	10 / 100
711107H	H7	110	34.0	10 / 100
711108H	H8	110	42.0	10 / 80
711110H	H10	110	62.0	10 / 80

7100T

- For torx head screw
- 50 / 70 / 110 / 150mmL

715050T

KT NO.	Size	Overall length (mm)	g	
715006T	T6	50	5.0	
715007T	T7	50	5.0	
715008T	T8	50	5.5	
715009T	T9	50	5.5	
715010T	T10	50	6.0	
715015T	T15	50	6.0	
715020T	T20	50	7.5	
715025T	T25	50	8.0	
715027T	T27	50	9.5	
715030T	T30	50	9.5	
715040T	T40	50	10.0	
715050T	T50	50	15.0	
717006T	T6	70	7.0	
717007T	T7	70	7.0	
717008T	T8	70	7.5	
717009T	T9	70	7.5	
717010T	T10	70	8.0	
717015T	T15	70	8.0	
717020T	T20	70	10.5	
717025T	T25	70	11.0	
717027T	T27	70	14.0	10 / 100
717030T	T30	70	14.0	
717040T	T40	70	15.5	
711110T	T10	110	14.0	
711115T	T15	110	14.0	
711120T	T20	110	18.0	
711125T	T25	110	19.0	
711127T	T27	110	24.0	
711130T	T30	110	24.0	
711140T	T40	110	28.0	
711506T	T6	150	16.3	
711507T	T7	150	16.5	
711508T	T8	150	16.5	
711509T	T9	150	16.7	
711510T	T10	150	17.8	
711515T	T15	150	18.0	
711520T	T20	150	24.0	
711525T	T25	150	24.0	
711527T	T27	150	32.0	
711530T	T30	150	33.0	
711540T	T40	150	39.0	

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- Magnetic

1/4" Hex size shank driver

order unit : one blister card

7100Z Pozidriv head

▪ DIN ISO 2351-2

KT NO.	No.	Overall length (mm)	g	
715001Z	PZ1	50	9.0	
715002Z	PZ2	50	11.0	
715003Z	PZ3	50	12.5	
717001Z	PZ1	70	11.0	
717002Z	PZ2	70	15.5	10 / 100
717003Z	PZ3	70	15.5	
719001Z	PZ1	90	13.0	
719002Z	PZ2	90	19.5	
719003Z	PZ3	90	19.5	

7100U

▪ For torx head screw

▪ 50 / 70 / 110mmL

KT NO.	Size	Overall length (mm)	g	
715006U	T6H	50	7.0	
715007U	T7H	50	5.0	
715008U	T8H	50	5.5	
715009U	T9H	50	5.5	
715010U	T10H	50	7.0	
715015U	T15H	50	7.0	
715020U	T20H	50	7.5	
715025U	T25H	50	8.0	
715027U	T27H	50	9.0	
715030U	T30H	50	9.0	
715040U	T40H	50	11.0	
717010U	T10H	70	8.0	
717015U	T15H	70	8.0	10 / 100
717020U	T20H	70	10.5	
717025U	T25H	70	11.0	
717027U	T27H	70	13.5	
717030U	T30H	70	13.5	
717040U	T40H	70	15.0	
711110U	T10H	110	14.0	
711115U	T15H	110	14.0	
711120U	T20H	110	18.0	
711125U	T25H	110	19.0	
711127U	T27H	110	24.0	
711130U	T30H	110	24.0	
711140U	T40H	110	28.0	

7150R Square head

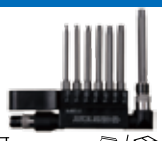
KT NO.	Size	Overall length (mm)	g	
715000R	RB0	50	7.5	
715001R	RB1	50	8.0	10 / 100
715002R	RB2	50	8.5	
715003R	RB3	50	8.5	

7170R new Square head

KT NO.	Size	Overall length (mm)	g	
717000R	0	70	9.5	
717001R	1	70	11.1	10 / 100
717002R	2	70	13.0	
717003R	3	70	13.0	

2128PR

▪ torx head tamper & L-type holder set



7 PC.

Contents 0.17 10 / 60

7170U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
1589-02	

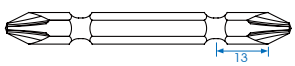
2138PR

▪ Hexagon head power bits & L-type holder set

7 PC.

Contents 0.24 10 / 60

7150H	H2, H3, H4, H5, H6, H7, H8
1589-02	



7400P Double phillips head

▪ Short head type

KT NO.	No.	Overall length (mm)	g	
745002P	PH2	50	11.0	
747501P	PH1	75	16.5	
747502P	PH2	75	15.0	
747503P	PH3	75	16.5	10 / 100
741002P	PH2	100	23.5	
741502P	PH2	150	37.5	
742002P	PH2	200	50.0	
743002P	PH2	300	70.0	

7300P Double phillips head

▪ Long head type

KT NO.	No.	Overall length (mm)	g	
734501P	PH1	45	9.0	
734502P	PH2	45	9.0	
734503P	PH3	45	10.0	
736501P	PH1	65	14.0	
736502P	PH2	65	14.0	
736503P	PH3	65	14.5	10 / 100
731101P	PH1	110	26.0	
731102P	PH2	110	26.0	
731103P	PH3	110	26.5	
731502P	PH2	150	32.0	
731503P	PH3	150	33.0	

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 Double phillips head

▪ Long head typed

KT NO.	No.	Overall length (mm)	g	
726502P	PH2	65	8.5	
727502P	PH2	75	10.0	10 / 100
721102P	PH2	110	14.5	

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Nickel plated
- Magnetic

1/4" Hex size shank driver

order unit : one box

1300P Double phillips head

▪ Long head type

KT NO.	No.	Overall length (mm)	g	
134501P	PH1	45	8.5	10 / 300
134502P	PH2	45	9.0	10 / 300
134503P	PH3	45	9.0	10 / 300
136501P	PH1	65	14.0	10 / 200
136502P	PH2	65	14.0	10 / 200
136503P	PH3	65	14.0	10 / 200
131101P	PH1	110	26.0	10 / 150
131102P	PH2	110	26.0	10 / 150
131103P	PH3	110	26.5	10 / 150
131501P	PH1	150	36.0	10 / 100
131502P	PH2	150	36.5	10 / 100
131503P	PH3	150	37.0	10 / 100

1500P Double phillips head

▪ Short head type

KT NO.	No.	Overall length (mm)	g	
155001P	PH1	50	10.0	10 / 300
155002P	PH2	50	10.0	10 / 300
155003P	PH3	50	10.0	10 / 300
157501P	PH1	75	16.5	10 / 200
157502P	PH2	75	16.5	10 / 200
157503P	PH3	75	17.0	10 / 200
151001P	PH1	100	23.0	10 / 150
151002P	PH2	100	23.0	10 / 150
151003P	PH3	100	23.5	10 / 150
151501P	PH1	150	36.5	10 / 100
151502P	PH2	150	37.0	10 / 100
151503P	PH3	150	37.5	10 / 100

7300P Phillips / Slotted head

▪ Long head type

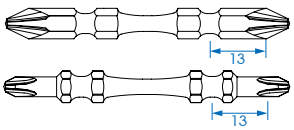
KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
734551P	PH1	5.0	0.8	45	8.0	10 / 300
734552P	PH2	5.0	0.8	45	8.0	10 / 300
736552P	PH2	5.0	0.8	65	13.5	10 / 200
731152P	PH2	5.0	0.8	110	25.0	10 / 150
731552P	PH2	5.0	0.8	150	36.5	10 / 100

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- Magnetic

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.

13A65 new Double phillips head

▪ Long head typed

KT NO.	No.	Overall length (mm)	g	
13A65	PH2	65	8.5	10 / 100

13B65 new Double phillips head

▪ Long head typed

KT NO.	No.	Overall length (mm)	g	
13B65	PH2	65	8.5	10 / 100

Power Driving

- 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

750-60

750-50A

KT NO.	inch	Overall length (mm)	g	
750-60	1/4	60	20.5	6 / 84
750-75	1/4	75	30.4	20 / 400
750-100	1/4	100	37.2	20 / 400
750-150	1/4	150	50.8	20 / 240
750-50A	1/4	50	22.0	6 / 84

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

1/4" Hex size shank driver

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
752-75	1/4	75	32	30 / 600
752-100	1/4	100	38.7	20 / 400
752-150	1/4	150	52	20 / 240
752-300	1/4	300	92.5	20 / 160

754

- Universal joint bit holder
- 20 degree pivot mode allows for limited space accessibility
- Can be used in straight or pivot mode

KT NO.	Size inch	Overall Length (mm)	g	
754-90	1/4	90	52.8	20 / 400

753

- 753-63
  -Magnetic bit holder
  -2 PC. type
  -With quick-release sleeve
  -DIN 7427
- 753-370
  -Quick release bit holder
  -Extra-long extended driver for limited space
  -Magnetic bit holder

753-63

753-370

KT NO.	inch	Overall length (mm)	g	
753-63	1/4	63	33	6 / 72

KT NO.	Size inch	Overall length (mm)	g	
753-370	1/4	370	170	4 / 48

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

Quick release

Removable magnetic tip

Fits double end power bits and 50mm power bits

KT NO.	Size inch	Overall length (mm)	g	
755-300	1/4	300	293	20 / 60
755-400	1/4	400	385	18 / 36

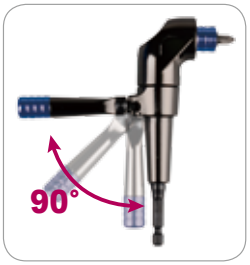
Angle Driver

- 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
- It's designed for the heavy duty jobs in limited space or hard to reach spots where power tools won't fit
- 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 still less than 2.5" tall at the head including any 1 inch long 1/4" hex drive bit
- 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.	Size inch	Overall length (mm)		
759-140	1/4	140	305	12 / 48

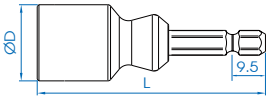
Power Driving

- 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	6 / 120
75A106M	6	1/4	24	66	5.6~6.35	75	6 / 96
75A108M	8	5/16	24	66	7.6~8.0	74	6 / 96
75A110M	10	3/8	28	66	9.0~10.0	99.8	6 / 96
75A112M	12	1/2	28	66	11.4~12.7	98.8	6 / 96
75A114M	14	9/16	32	66	13.2~14.3	126.6	5 / 60
75A116M	16	5/8	32	66	15.2~16.0	125.8	5 / 60

760M

760S

- Nut setter
- Non magnetic type
- DIN 3126

KT NO.	⬡ mm	Overall length (mm)		
7606512M	12	65	50	6 / 72
7607510M	10	75	38.4	6 / 72

KT NO.	⬡ mm	Overall length (mm)		
7601012M	12	100	61	20 / 240

KT NO.	⬡ inch	Overall length (mm)		
7606508S	1/4	65	20	6 / 84
7606510S	5/16	65	30	6 / 84
7606512S	3/8	65	36	6 / 72

Power Driving

- Chrome vanadium alloy steel
- Anti-rust oiled , sand-blasted

1/4" Hex size shank driver

761M

- Nut setter
- Magnetic type
- DIN 3126

KT NO.	mm	Overall length (mm)	g	
7615513M	13	55	41.0	6 / 72
7616505M	5	65	27.0	6 / 84
7616506M	6	65	26.8	6 / 84
7616507M	7	65	25.0	6 / 84
7616508M	8	65	30.0	6 / 84
7616510M	10	65	37.0	6 / 72
7616512M	12	65	52.0	6 / 72
7616513M	13	65	54.0	6 / 72

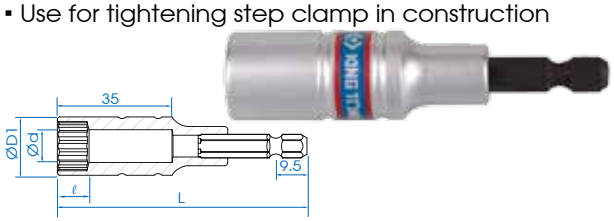
761S

KT NO.	mm	Overall length (mm)	g	
new 7611008M	8	100	54.0	5 / 200
7611010M	10	100	54.0	5 / 240
7611012M	12	100	63.0	5 / 240
7611507M	7	150	64.6	5 / 200
7611508M	8	150	67.4	5 / 200

KT NO.	inch	Overall length (mm)	g	
7614208S	1/4	42	15.0	6 / 84
7614210S	5/16	42	17.5	6 / 84
7614512S	3/8	45	22.5	6 / 84
7616508S	1/4	65	30.0	6 / 84
7616510S	5/16	65	31.5	6 / 84
7616512S	3/8	65	37.5	6 / 72
7616514S	7/16	65	39.5	6 / 72

76B

- Deep well nut setter
- Deep hole for bolt & nut
- Press-fitted high-durability shank
- Use for tightening step clamp in construction

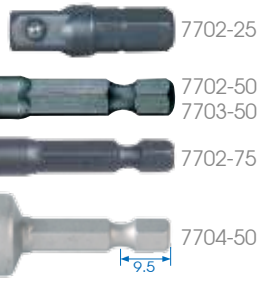


KT NO.	mm	D1 mm	ℓ mm	d mm	L mm	g	
76B808M	8	12.7	6	6	80	41.8	15 / 300
76B809M	9	13.2	6	7	80	40.8	15 / 300
76B810M	10	14.5	7	7	80	47.8	12 / 240
76B811M	11	15.8	7	9	80	52.8	12 / 240
76B812M	12	16.8	8	9	80	57.8	12 / 240
76B813M	13	17.8	9	10	80	62.8	12 / 240
76B814M	14	19.7	9	12	80	70.8	12 / 240
76B815M	15	20.8	10	12	80	77.8	12 / 240
76B816M	16	21.8	10	14	80	76.8	12 / 240
76B817M	17	23.8	11	14	80	95.8	12 / 144
76B819M	19	25.8	13	15	80	112.8	10 / 120
76B821M	21	27.8	13	19	80	113.8	10 / 120
76B822M	22	29.8	13	19	80	137.8	10 / 120
76B824M	24	31.8	13	21	80	146.8	6 / 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	6.0	20 / 200
7702-50	1/4"	50	13.5	10 / 100
7702-75	1/4"	75	23.5	10 / 100
7703-50	3/8"	50	23.5	6 / 84
new 7704-50	1/2"	50	24.0	6 / 72

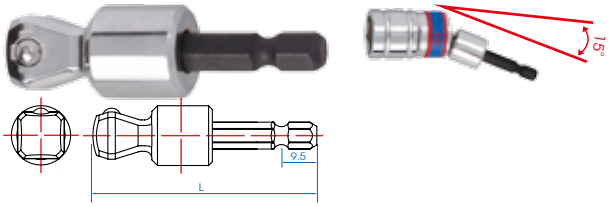
771

- Socket adapter
- Pin retainer type
- DIN 7428

KT NO.	Size	Overall length (mm)	g	
7712-02	1/4"	50	12.5	10 / 100
7712-03	1/4"	75	33.5	10 / 100
7713-02	3/8"	50	23.0	6 / 84

774

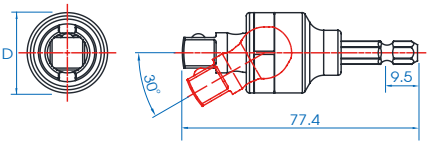
- Bit adapter
- Wobble function provides up to 15° accessibility



KT NO.	Size	L mm	g	
7743-56	3/8"	56	30.0	6 / 72
7744-60	1/2"	60	42.8	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	77.4	90.0	6 / 120
7754-85	1/2"	29	84.5	127.6	6 / 96

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	76.5
3	81.5
3.2	85
3.5	90
4	95
4.5	100
4.8	105
5	106

10 PC.

Hex Key

- Material - SNCM - V alloy steel
- Finishing - chrome plated

KT No. & D1

1145MR

- Standard arm type
- Allen head
- DIN ISO 2936

KT NO.	mm	mm	mm		
114515MR	H1.5	15.5	46.5	0.9	20 / 400
114502MR	H2	18.0	52.0	1.8	20 / 400
114525MR	H2.5	20.5	58.5	3.0	20 / 400
114503MR	H3	23.5	66.0	5.0	20 / 400
114504MR	H4	29.5	74.0	10.0	20 / 400
114505MR	H5	33.0	85.0	18.0	20 / 400
114555MR	H5.5	35.5	90.5	24.0	10 / 200
114506MR	H6	38.0	96.5	30.0	10 / 200
114507MR	H7	41.0	102	45.0	10 / 200
114508MR	H8	44.0	108	60.0	10 / 200
114510MR	H10	50.0	122	105.0	10 / 200

1145SR

KT NO.	inch	mm	mm		
114502SR	1/16	18.25	48.83	1.0	20 / 400
114525SR	5/64	19.84	51.98	1.5	20 / 400
114503SR	3/32	21.43	55.57	3.0	20 / 400
114504SR	1/8	24.62	62.72	5.0	20 / 400
114505SR	5/32	27.80	69.86	9.0	20 / 400
114506SR	3/16	30.95	77.00	15.0	20 / 400
114508SR	1/4	37.31	91.29	30.0	10 / 200
114510SR	5/16	42.08	105.58	56.0	10 / 200
114512SR	3/8	46.84	119.87	80.0	10 / 120
114516SR	1/2	53.70	145.70	196	10 / 120
114518SR	9/16	58.79	160.29	267	6 / 72
114520SR	5/8	63.88	174.88	361	6 / 72
114524SR	3/4	73.05	203.05	599	6 / 24

Hex Key & Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated

KT No. & D1

1125MR

- Extra long arm type
- Allen head
- DIN ISO 2936

KT NO.	mm	mm	mm	g	
112515MR	H1.5	15.5	91.5	1.5	20 / 400
112502MR	H2	18.0	102	3.0	20 / 400
112525MR	H2.5	20.5	114.5	5.0	20 / 400
112503MR	H3	23.0	129	8.0	20 / 300
112504MR	H4	29.0	144	18.0	20 / 300
112505MR	H5	33.0	165	31.0	20 / 300
112506MR	H6	38.0	186	51.0	20 / 400
112507MR	H7	41.0	197	78.0	20 / 400
112508MR	H8	44.0	208	104.0	10 / 100
112510MR	H10	50.0	234	182.0	10 / 100
112512MR	H12	57.0	262	290.0	8 / 48
112514MR	H14	70.0	294	451.0	8 / 48
112517MR	H17	80.0	337	770.0	4 / 32
112519MR	H19	89.0	380	863.0	4 / 16
112522MR	H22	102.0	422	1590.0	4 / 16

1125SR

KT NO.	inch	mm	mm	g	
112502SR	1/16	15.5	91.5	1.7	20 / 400
112525SR	5/64	18	102	3.0	20 / 400
112503SR	3/32	21	114.5	5.0	20 / 400
112504SR	1/8	23	129	8.0	20 / 400
112505SR	5/32	29	144	18.0	20 / 300
112506SR	3/16	33	165	31.0	20 / 300
112508SR	1/4	38	186	51.0	10 / 100
112510SR	5/16	44	208	104.0	10 / 100
112512SR	3/8	50	234	182.0	10 / 100
112516SR	1/2	57	262	290.0	8 / 48
112518SR	9/16	70	294	451.0	8 / 48

20218MR

Spec.	Contents	kg	
knife type	H2, H2.5, H3, H4, H5, H6, H8, H10	0.33	12 / 72

20219MR

Spec.	Contents	kg	
Standard arm	1145MR H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.33	6 / 48

20219SR new

Spec.	Contents	kg	
Standard arm	1145SR 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	0.33	6 / 48

20208MR

Spec.	Contents	kg	
Extra long arm	1125MR H2, H2.5, H3, H4, H5, H6, H8, H10	0.43	8 / 48

20209MR

Spec.	Contents	kg	
Extra long arm	1125MR H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.49	8 / 48

20218MR 20219MR 20219SR

20208MR 20209MR 20209SR02

20209SR02

Spec.	Contents	kg	
Extra long arm	1125MR 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	0.47	8 / 48

Hex Key & Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated

20208MR01

20208SR01

KT NO.	Spec.	Contents	1.25 kg / 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

8 PC.

20210MR

Spec.	Contents	0.47 kg / 1 / 6
Extra long arm	1125MR	H3, H4, H5, H6, H7, H8, H10, H12, H14, H17

10 PC.

Spline L- wrench & Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated

KT No. & D1

1146MR

- Standard arm type
- For spline head screw

KT NO.	Size	mm	mm	g	
114605MR	M5	29	83	15.6	20 / 320
114606MR	M6	33	90	24.8	20 / 320
114608MR	M8	39	98	47	10 / 300
114610MR	M10	44	111	83.6	10 / 200
114612MR	M12	53	126	127	10 / 180

1126MR

- Extra long arm type
- For spline head screw

KT NO.	Size	mm	mm	g	
112605MR	M5	33	165	28.2	20 / 300
112606MR	M6	38	186	46.4	20 / 300
112608MR	M8	44	208	90	10 / 100
112610MR	M10	50	234	159.6	10 / 100
112612MR	M12	53	264	237.8	10 / 80

20505PR01

20515PR01

KT NO.	Spec.	Contents	0.333 kg / 6 / 54
20505PR01	Standard arm type	1146MR	M5, M6, M8, M10, M12

KT NO.	Spec.	Contents	0.632 kg / 4 / 32
20515PR01	Extra long arm type	1126MR	M5, M6, M8, M10, M12

20505PR01 20515PR01

5 PC.

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	15.5	63.5	1.4	20 / 400
113002MR	H2	18.0	77.0	2.0	20 / 400
113025MR	H2.5	20.5	87.5	4.0	20 / 400
113003MR	H3	23.0	93.0	7.0	20 / 400
113004MR	H4	29.0	104	14.0	20 / 400
113005MR	H5	33.0	120	25.0	20 / 300
113006MR	H6	38.0	141	41.0	10 / 160
113008MR	H8	44.0	158	84.0	10 / 150
113010MR	H10	50.0	180	145.0	10 / 150

1130SR

KT NO.	inch	mm	mm	g	
113002SR	1/16	15.5	78.5	1.4	20 / 400
113025SR	5/64	18.0	85.0	4.0	20 / 400
113003SR	3/32	20.5	87.5	3.6	20 / 400
113004SR	1/8	23.0	93.0	7.4	20 / 400
113005SR	5/32	29.0	104	14.0	20 / 400
113006SR	3/16	33.0	120	24.0	20 / 300
113007SR	7/32	35.5	130	33.0	10 / 150
113008SR	1/4	38.0	141	44.0	10 / 150
113010SR	5/16	44.0	158	82.0	10 / 150
113012SR	3/8	50.0	180	138.0	10 / 150

1120MR

- Extra long arm with ball point type
- DIN ISO 2936

KT NO.	mm	mm	mm	g	
112015MR	H1.5	15.5	91.5	1.5	20 / 400
112002MR	H2	18.0	102	3.0	20 / 400
112025MR	H2.5	20.5	114.5	5.0	20 / 400
112003MR	H3	23.0	129	8.0	20 / 300
112004MR	H4	29.0	144	18.0	20 / 300
112005MR	H5	33.0	165	31.0	20 / 300
112006MR	H6	38.0	186	51.0	20 / 400
112007MR	H7	41.0	197	78.0	20 / 400
112008MR	H8	44.0	208	104.0	10 / 100
112010MR	H10	50.0	234	182.0	10 / 100

Ball Hex Key Set

20107MR01

Spec.	Contents	0.37 / 10 / 60
Long arm / ball	1130MR	H2.5, H3, H4, H5, H6, H8, H10

20107SR

Spec.	Contents	0.36 / 10 / 60
Long arm / ball	1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8

20108MR

Spec.	Contents	0.43 / 8 / 48
Extra long arm / ball	1120MR	H2, H2.5, H3, H4, H5, H6, H8, H10

20109MR

Spec.	Contents	0.49 / 8 / 48
Extra long arm / ball	1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

20110MR

Spec.	Contents	0.39 / 6 / 60
Long arm / ball	1130MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

20129SR

Spec.	Contents	0.39 / 6 / 60
Long arm / ball	1130SR	1/16, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 5/64

7 PC.

20107MR01

7 PC.

20107SR

8 PC.

20108MR

9 PC.

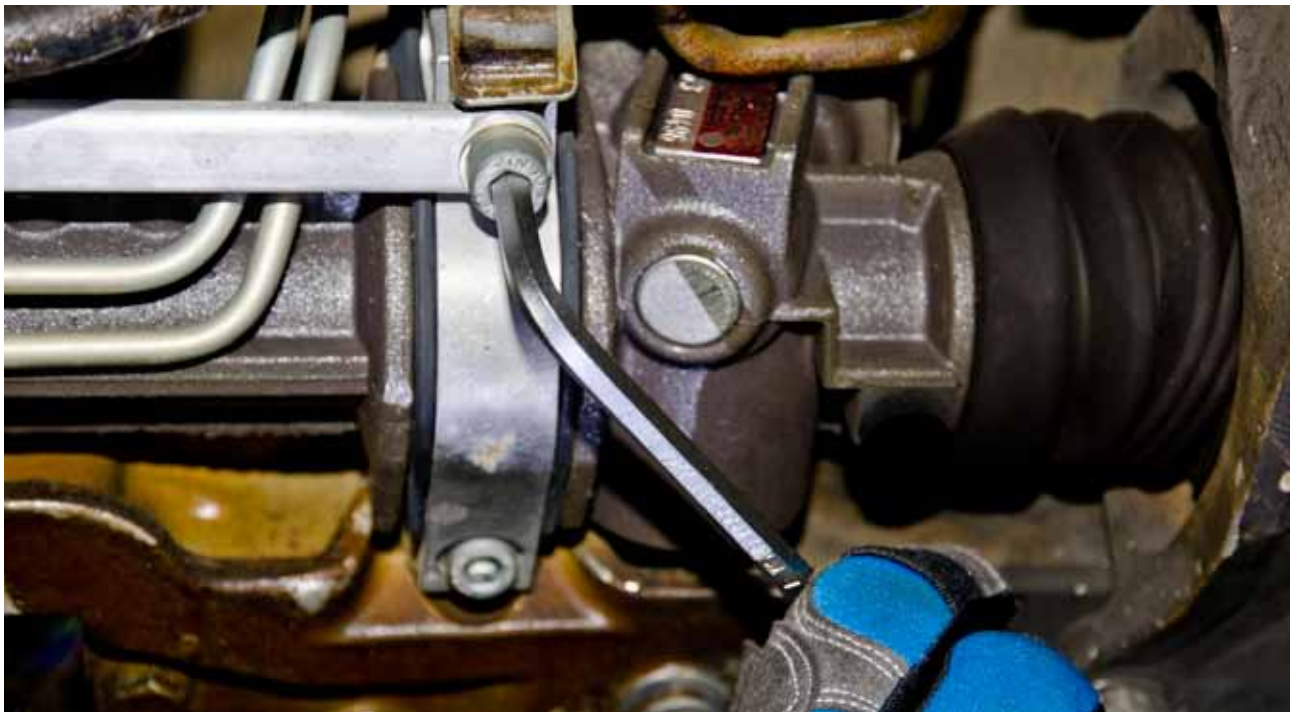
20109MR

9 PC.

20110MR

9 PC.

20129SR



Star L- wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated

KT No. & D1

1143R

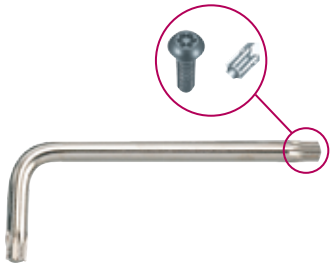
- Standard arm type
- For torx head screw

KT NO.	Size	mm	mm		
114310R	T10	18	50.0	3.5	20 / 400
114315R	T15	20	55.5	5.5	20 / 400
114320R	T20	24	61.5	8.0	20 / 400
114325R	T25	26	67.5	11.0	20 / 400
114327R	T27	30	75.5	15.0	20 / 400
114330R	T30	36	85.5	24.5	10 / 200
114340R	T40	41	96.5	39.0	10 / 200
114345R	T45	46	107	57.0	10 / 200
114350R	T50	52	122	80.0	10 / 200

1147R

- Standard arm type
- Tamper resistant type
- For torx head screw

KT NO.	Size	mm	mm		
114710R	T10H	18	50.0	3.5	20 / 400
114715R	T15H	20	55.5	5.5	20 / 400
114720R	T20H	24	61.5	8.0	20 / 400
114725R	T25H	26	67.5	11.0	20 / 400
114727R	T27H	30	75.5	15.0	20 / 400
114730R	T30H	36	85.5	24.5	10 / 200
114740R	T40H	41	96.5	39.0	10 / 200
114745R	T45H	46	107	57.0	10 / 200
114750R	T50H	52	122	80.0	10 / 200



1123R

- Extra long arm type
- For torx head screw

KT NO.	Size	mm	mm		
112310R	T10	18	91.5	5.8	20 / 400
112315R	T15	20	103	8.8	20 / 400
112320R	T20	22	115	12.9	20 / 400
112325R	T25	25	130	18.4	20 / 300
112327R	T27	29	145.5	25.6	20 / 300
112330R	T30	35	165	42.2	20 / 300
112340R	T40	40	182	63.5	10 / 100
112345R	T45	45	202	92.4	10 / 100
112350R	T50	49	225	130.6	10 / 100

1127R

- Extra long arm type
- Tamper resistant type
- For torx head screw

KT NO.	Size	mm	mm		
112710R	T10H	18	91.5	5.6	20 / 400
112715R	T15H	20	103	8.6	20 / 400
112720R	T20H	22	115	12.4	20 / 400
112725R	T25H	25	130	17.8	20 / 300
112727R	T27H	29	145.5	24.6	20 / 300
112730R	T30H	35	165	40.4	20 / 300
112740R	T40H	40	182	61.6	10 / 100
112745R	T45H	45	202	89.0	10 / 100
112750R	T50H	49	225	126.2	10 / 100

Star L- wrench Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated

20307PR

Spec.	Contents	0.13 kg / 15 / 120
Standard arm	1143R	T10, T15, T20, T25, T27, T30, T40

20307PR

20407PR

Spec.	Contents	0.13 kg / 15 / 120
Standard arm / Tamper resistant	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H

20407PR

20308PR

Spec.	Contents	0.20 kg / 12 / 72
knife type	T9, T10, T15, T20, T25, T27, T30, T40	

20308PR

20318PR

Spec.	Contents	0.20 kg / 12 / 72
knife type	T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H	

20318PR

20309PR

Spec.	Contents	0.3 kg / 6 / 48
Standard arm	1143R	T10, T15, T20, T25, T27, T30, T40, T45, T50

20309PR / 20409PR

20319PR

Spec.	Contents	0.45 kg / 8 / 48
Extra long arm	1123R	T10, T15, T20, T25, T27, T30, T40, T45, T50

20319PR / 20419PR

20409PR

Spec.	Contents	0.34 kg / 6 / 48
Standard arm / Tamper resistant	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

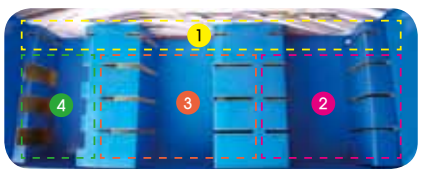
20419PR

Spec.	Contents	0.47 kg / 8 / 48
Extra long arm / Tamper resistant	1127R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

Paper Display Stand for L Type 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
- 0.00047g / CUFT 49.4



Bicycle Repair Tool

20A16MR

▪ 16-in-1 bicycle repair tool set

Contents	0.27 kg	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	0.28 kg	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	0.09 kg	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	0.11 kg	12 / 72
knife type	H3, H4, H5, H6		
	PH2		
	5.0		

L- type Wrench

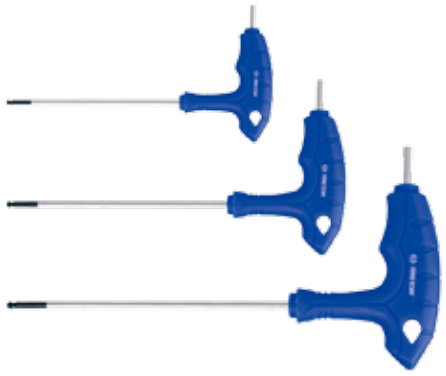
- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

KT No. & D1

1160MR

▪ Hexagon with ball point head

KT NO.	mm	mm	mm		
116002MR	H2	95	145	19.0	10 / 200
116025MR	H2.5	95	145	21.5	10 / 200
116003MR	H3	95	145	25.0	10 / 200
116004MR	H4	95	145	32.5	10 / 200
116005MR	H5	150	215	74.0	10 / 200
116006MR	H6	150	215	92.0	10 / 200
116007MR	H7	150	215	120.0	10 / 200
116008MR	H8	200	280	212.5	10 / 80
116010MR	H10	200	280	289.5	10 / 80



1163R

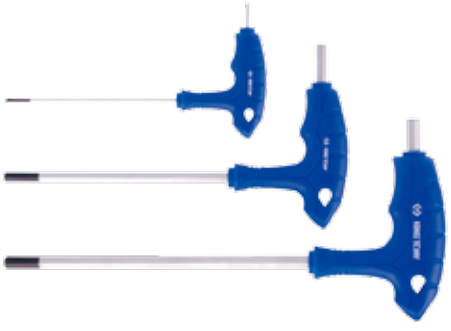
▪ For torx internal screw
▪ Tamper resistant type

KT NO.	Size	mm	mm		
116310R	T10H	95	145	24.0	10 / 200
116315R	T15H	95	145	27.0	10 / 200
116320R	T20H	95	145	31.0	10 / 200
116325R	T25H	95	145	35.5	10 / 200
116327R	T27H	150	215	69.5	10 / 200
116330R	T30H	150	215	86.0	10 / 200
116340R	T40H	150	215	105.5	10 / 200
116345R	T45H	200	280	181.5	10 / 80
116350R	T50H	200	280	214.5	10 / 80

1165MR

▪ For hexagon head screw

KT NO.	mm	mm	mm		
116502MR	H2	95	145	19.0	10 / 200
116525MR	H2.5	95	145	21.5	10 / 200
116503MR	H3	95	145	25.0	10 / 200
116504MR	H4	95	145	32.5	10 / 200
116505MR	H5	150	215	74.0	10 / 200
116506MR	H6	150	215	92.0	10 / 200
116507MR	H7	150	215	120.0	10 / 200
116508MR	H8	200	280	212.5	10 / 80
116510MR	H10	200	280	289.5	10 / 80



L- type Wrench Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

22106MR

Spec.	Contents	0.68 kg / 1 / 20
Ball & hex two way type	1160MR	H3, H4, H5, H6, H7, H8

22108MR

Spec.	Contents	0.97 kg / 1 / 10
Ball & hex two way type	1160MR	H2, H2.5, H3, H4, H5, H6, H8, H10

22208MR

Spec.	Contents	0.97 kg / 1 / 10
Hex head	1165MR	H2, H2.5, H3, H4, H5, H6, H8, H10

22306PR

Spec.	Contents	0.46 kg / 1 / 20
torx head / Tamper resistant	1163R	T10H, T15H, T20H, T25H, T30H, T40H

22309PR

Spec.	Contents	1.0 kg / 1 / 10
torx head / Tamper resistant	1163R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

22118MR

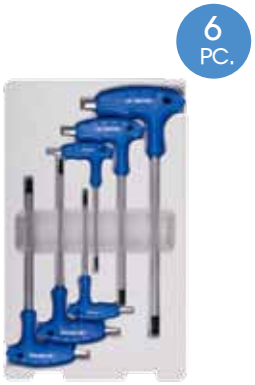
Spec.	Contents	1.1 kg / 1 / 12
Ball & hex two way type	1160MR	H2, H2.5, H3, H4, H5, H6, H8, H10

22218MR

Spec.	Contents	1.1 kg / 1 / 12
Hex head	1165MR	H2, H2.5, H3, H4, H5, H6, H8, H10

22319PR

Spec.	Contents	1.2 kg / 1 / 12
torx head / Tamper resistant	1163R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H



22106MR

22108MR

22208MR

22306PR

22309PR

22118MR

22218MR

22319PR

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	g	
115002MR	H2	100	137	28	10 / 200
115025MR	H2.5	100	137	30	10 / 200
115003MR	H3	100	137	32	10 / 200
115004MR	H4	100	137	38	10 / 200
115005MR	H5	150	188	65	10 / 200
115006MR	H6	150	188	79	10 / 200
115008MR	H8	200	240	159	10 / 120
115010MR	H10	200	240	217	10 / 120

1155MR

▪ Hexagon head

KT NO.	mm	mm	mm	g	
115502MR	H2	100	137	28	10 / 200
115525MR	H2.5	100	137	30	10 / 200
115503MR	H3	100	137	32	10 / 200
115504MR	H4	100	137	38	10 / 200
115505MR	H5	150	188	65	10 / 200
115506MR	H6	150	188	79	10 / 200
115508MR	H8	200	240	159	10 / 120
115510MR	H10	200	240	217	10 / 120

1153R

▪ For torx head screw

KT NO.	Size	mm	mm	g	
115310R	T10	100	137	40	10 / 200
115315R	T15	100	137	40	10 / 200
115320R	T20	100	137	40	10 / 200
115325R	T25	100	137	40	10 / 200
115327R	T27	150	188	73	10 / 200
115330R	T30	150	188	74	10 / 200
115340R	T40	150	188	88	10 / 200
115345R	T45	200	240	173	10 / 120
115350R	T50	200	240	173	10 / 120

11A3R

▪ For torx head screw

▪ Length: 200mmL

KT NO.	Size	mm	mm	g	
11A310R	T10	200	237	52.8	12 / 192
11A315R	T15	200	237	53.0	12 / 192
11A320R	T20	200	237	53.2	12 / 192
11A325R	T25	200	237	53.4	12 / 192
11A327R	T27	200	238	86.4	10 / 160
11A330R	T30	200	238	86.4	10 / 160
11A340R	T40	200	238	104.8	10 / 160

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	126.5	22	10 / 200
119525M	H2.5	64	126.5	22	10 / 200
119503M	H3	64	126.5	23	10 / 200
119504M	H4	89.5	181	62	10 / 200
119505M	H5	89.5	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

T - type Wrench & Set

21108MR

Spec.	Contents	1.1	1 / 12
Ball hex type	1150MR	H2, H2.5, H3, H4, H5, H6, H8, H10	

21208MR

Spec.	Contents	1.1	1 / 12
Hexagon type	1155MR	H2, H2.5, H3, H4, H5, H6, H8, H10	

21309PR

Spec.	Contents	1.2	1 / 12
torx head type	1153R	T10, T15, T20, T25, T27, T30, T40, T45, T50	

21108MR

21208MR

21309PR

Torx Screwdriver

1153A
Wing Handle torx Screwdriver

KT NO.	Size	mm	mm	g	
1153A05R	T5	45	84	6.6	20 / 200
1153A06R	T6	45	84	6.6	20 / 200
1153A07R	T7	45	84	6.6	20 / 200
1153A08R	T8	45	84	6.6	20 / 200
1153A09R	T9	45	84	9.0	20 / 200
1153A10R	T10	45	84	9.0	20 / 200
1153A15R	T15	45	84	9.0	20 / 200
1153A20R	T20	45	84	9.2	20 / 200

1163A
Flag Handle torx Screwdriver

KT NO.	Size	mm	mm	g	
1163A05R	T5	45	84	7.2	20 / 200
1163A06R	T6	45	84	7.2	20 / 200
1163A07R	T7	45	84	7.2	20 / 200
1163A08R	T8	45	84	7.2	20 / 200
1163A09R	T9	45	84	9.6	20 / 200
1163A10R	T10	45	84	9.6	20 / 200
1163A15R	T15	45	84	9.8	20 / 200
1163A20R	T20	45	84	9.8	20 / 200

23308PR
Wing Handle torx Screwdriver Set

8 PC.

Contents

264.6 g | 1 / 20

1153A — T5, T6, T7, T8, T9, T10, T15, T20

24308PR
Flag Handle torx Screwdriver Set

8 PC.

Contents

272.8 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

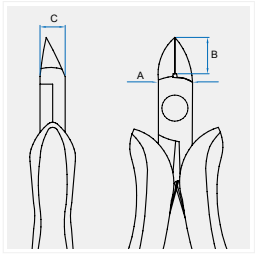
MEASURING TOOLS

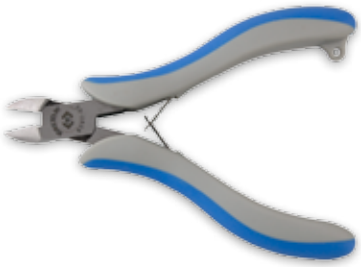
- Digital Multimeter
- Tester Tools

KING TONY
OFF
PROFESSIONAL MANUFACTURE

Precision Pliers

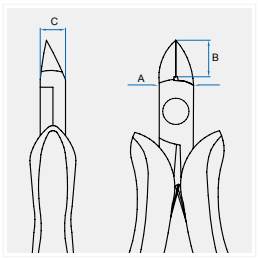
6207-05 — Diagonal cutting nippers

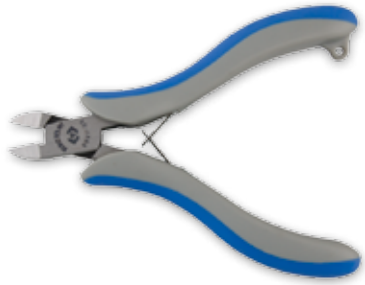




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	α	A mm	B mm	C mm	D mm	g	
6207-05	4-3/4	118	2.0	1.6	-	10.8	11.5	7.1	-	88	6 / 120

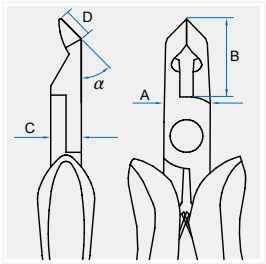
6927-05 — For plastic

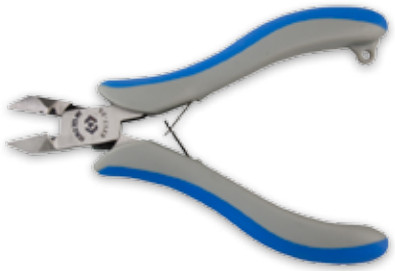




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	α	A mm	B mm	C mm	D mm	g	
6927-05	4-3/4	118	-	-	-	10.3	11.5	7.1	-	71	6 / 120

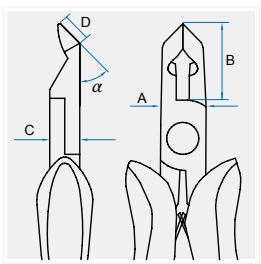
6217-05 — Diagonal cutting nippers

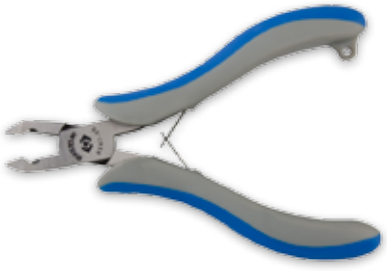




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	α	A mm	B mm	C mm	D mm	g	
6217-05	4-3/4	118	2.0	1.0	35°	11.8	17	12.7	17.7	76	6 / 120

6247-05 — Diagonal cutting nippers





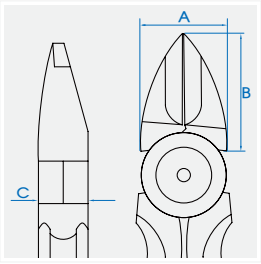
KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	α	A mm	B mm	C mm	D mm	g	
6247-05	5	125	1.0	0.5	45°	11.4	19.4	7.5	55	73	6 / 120

Precision Pliers

6271C — Diagonal cutting nippers

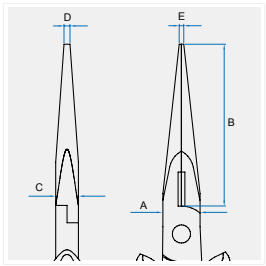
- The cutting edge hardness at least 73° HRC up

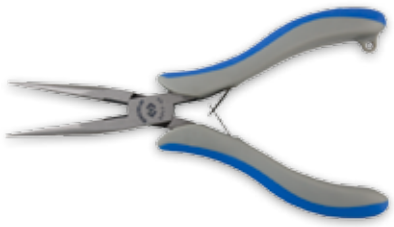
- The cutting edge is made from tungsten steel for an extremely long service life.



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

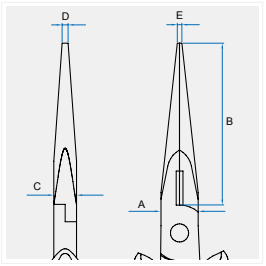
6317-06 — Long nose pliers

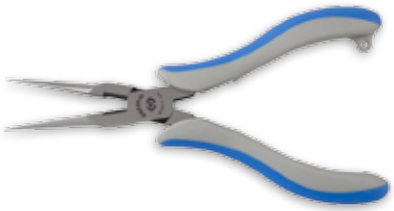




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	A mm	B mm	C mm	D mm	E mm	g	
6317-06	6	157	2.0	1.6	11.6	50	7.5	2	2	84	6 / 120

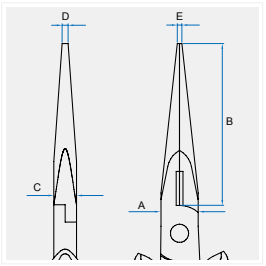
6367-06 — Half-round nose pliers

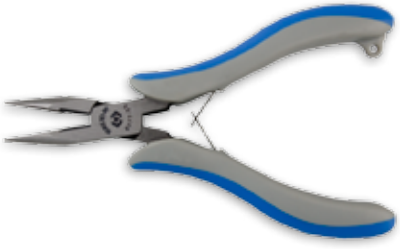




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	A mm	B mm	C mm	D mm	E mm	g	
6367-06	6	154	2.0	1.6	11.7	46	7.5	1.5	1.7	78	6 / 120

6377-55 — Half-round nose pliers

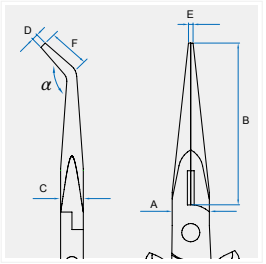


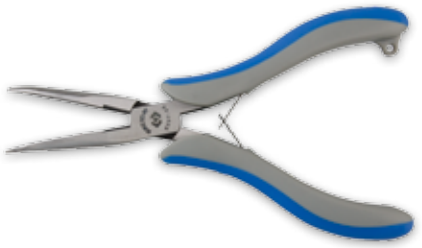


KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	A mm	B mm	C mm	D mm	E mm	g	
6377-55	5-1/2	138	2.0	1.6	11.3	30	7.5	1.5	1.5	97	6 / 120

Precision Pliers

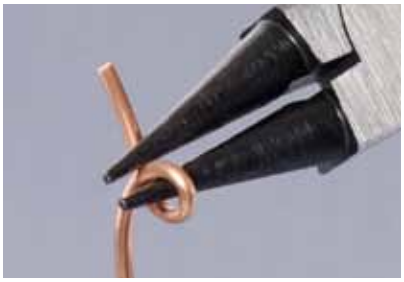
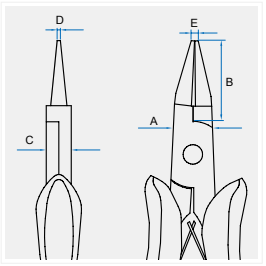
6337-06 — Bent nose pliers

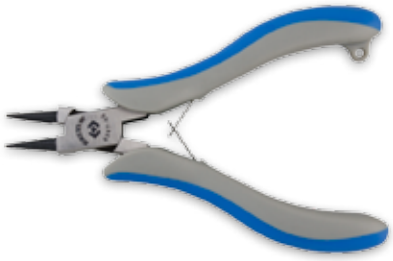




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	α	A mm	B mm	C mm	D mm	E mm	F mm	g	
6337-06	6	154	2.0	1.6	40°	11.3	50	7.5	2	2.5	14	84	6 / 120

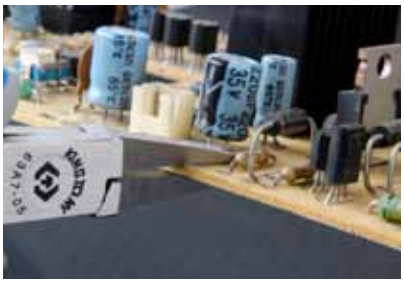
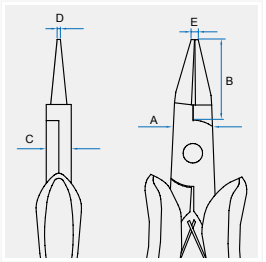
6347-05 — Round-nose pliers

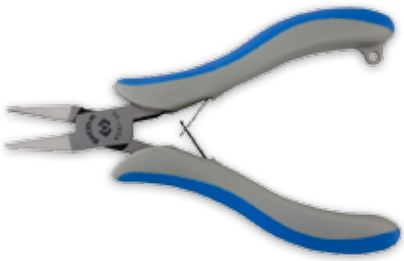





KT NO.	Overall length inch	Overall length mm	A mm	B mm	C mm	D mm	E mm	g	
6347-05	5	128	11.4	24.9	7.5	1	2.14	74	6 / 120

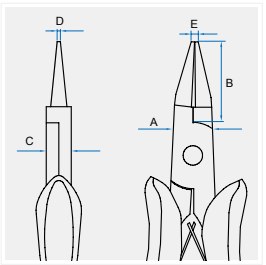
63A7-05 — Round-nose pliers

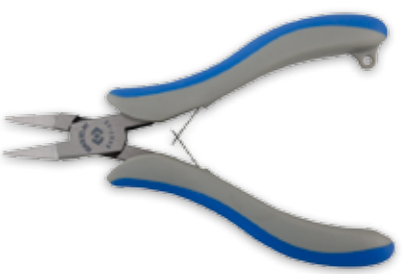





KT NO.	Overall length inch	Overall length mm	A mm	B mm	C mm	D mm	E mm	g	
63A7-05	5	128	11.5	24.7	7.5	3.3	1.8	75	6 / 120

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

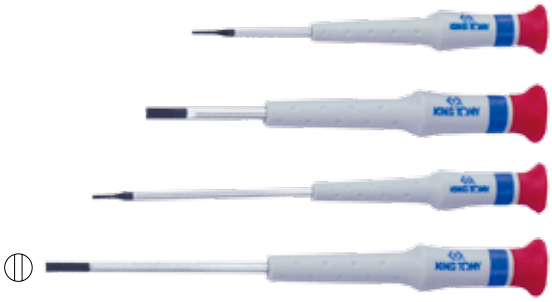
- Phillips head, hex-shank
- DIN ISO 8764

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

91230

- Screwdriver handle for interchangeable blades 2431, 2433
- Handle material - polypropylene (PP)

KT NO.	mm		
91230	100	12	10 / 100

2431

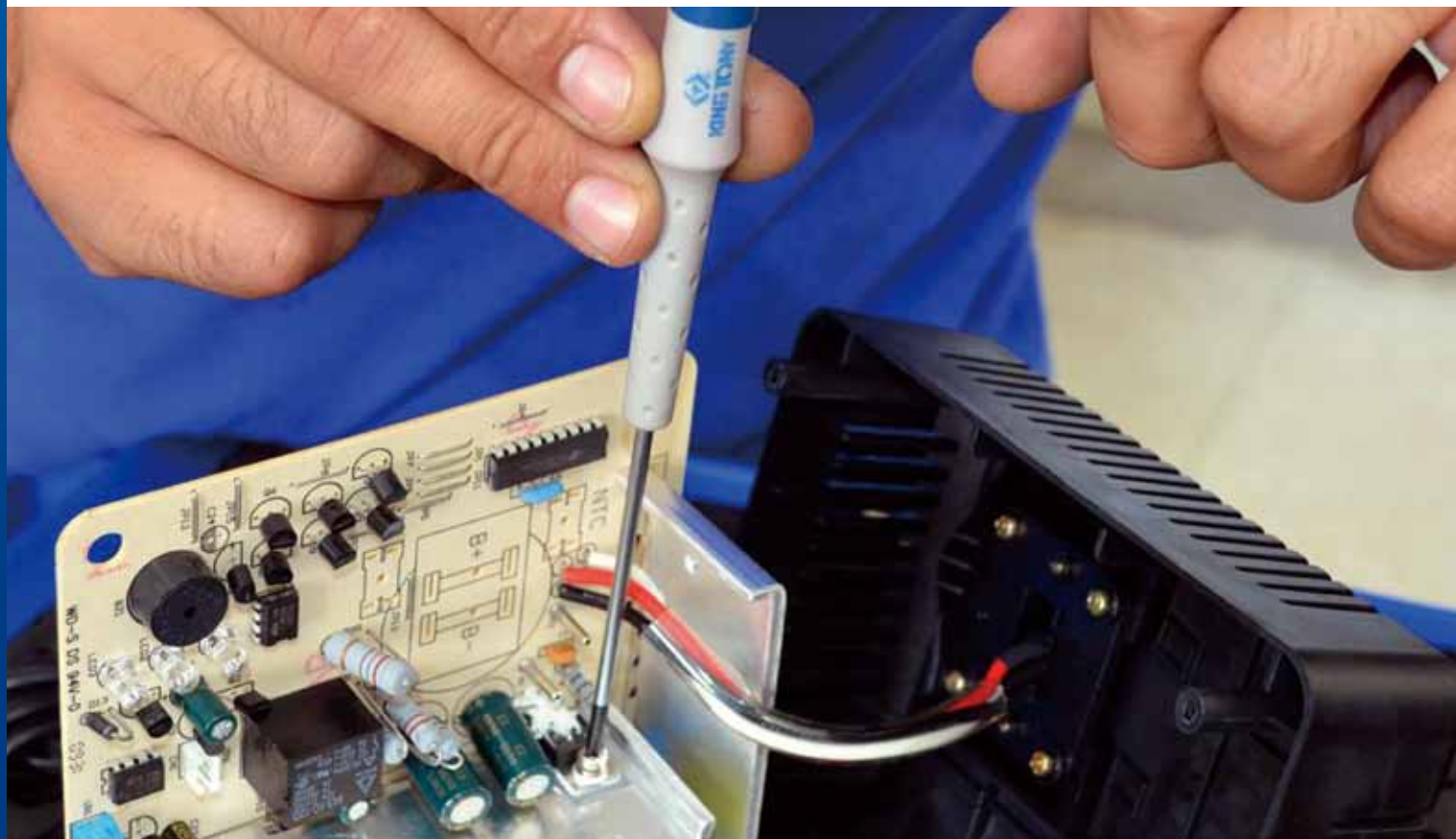
- Combination type
- Phillips / Slotted head, hexagonal shank
- Blade material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

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



Precision Screwdriver Set

32218MR

Contents — 0.32 kg — 1 / 30

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

32209MR

Contents — 0.26 kg — 1 / 30

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

32108MR

Contents — 0.24 kg — 1 / 30

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

32118MR

Contents — 0.32 kg — 1 / 30

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

32309PR

Contents — 0.26 kg — 1 / 30

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

32607MR

Contents — 0.22 kg — 1 / 30

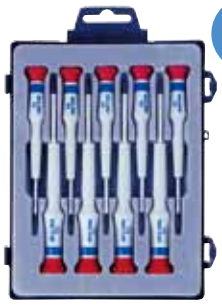
2431	PH00 x 2.0, PH0 x 3.0, PH1 x 4.0
2433	T6 x T10, T7 x T15, T8 x T20, T9 x T15

32218MR

32209MR

32108MR

32118MR



32309PR

32607MR

31419MR

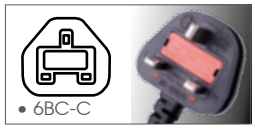
- Precision screwdriver shelf set

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	

Screwdriver shelf size (mm) : 383 x 136 x 130

KT NO.	kg	CUFT
31419MR-A	0.79	0.23
31419MR-D	1.17	0.14

Soldering Iron



6BC23 30W

6BC24 40W

6BC26 60W

6BC21 100W

- 110V~240V, 30W, 40W, 60W, 100W
- For electrical and stained glass work
- Lightweight handle
- Replaceable tip
- No CE certification

KT NO.	Voltage V	Rating W	g	
6BC23A	220-240	30	125	54
6BC23B	220-240	30	125	54
6BC23C	220-240	30	196	32
6BC23D	220-240	30	313	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	255	20
6BC210B	220-240	100	255	20
6BC210C	220-240	100	330	20
6BC210D	220-240	100	443	20
6BC210F	110-120	100	255	20

6BC23 / 6BC24 / 6BC26

6BC21

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
- All tips are pre-tinned

KT NO.	Rating W	Ø mm	g	/
6BC23-1	30	4	13	50 / 1200
	40	4	13	50 / 1200
6BC26-1	60	6	16	50 / 1200
6BC26-3	60	6	16	100 / 1200

6BC23-1

6BC26-1

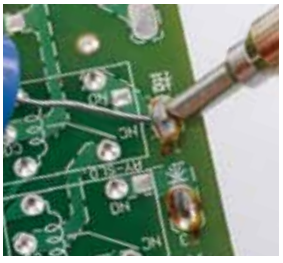
6BC26-3

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 0.34 / 20
6BC372		Gas saldering iton 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

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	g	
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	g	
6AF21-165	165	26	30 / 480

Mini Soldering Iron Stand

6BC100

- Lightweight and high temperature bakelite resistance
- Mini size, easy to take
- Used for holding solder iron

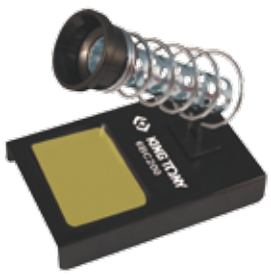
12 g | 12 / 240

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 g | 4 / 24



Punch Down Tool

6AH

- For setting wire into terminal blocks or cut off wire end after terminated
- Blade : 66 / 88 / 110 / Krone type

KT NO.	Overall length inch	mm		
6AH11	6-3/4	170	140	1 / 80
6AH12	6-3/4	170	140	1 / 80
6AH13	6-3/4	170	140	1 / 80
6AH14	6-3/4	170	140	1 / 80

6AH01-1

FOR USE ON 110/88 TYPE

6AH01-2

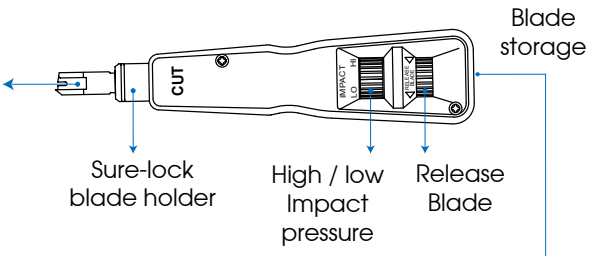
FOR USE ON KRONE TYPE

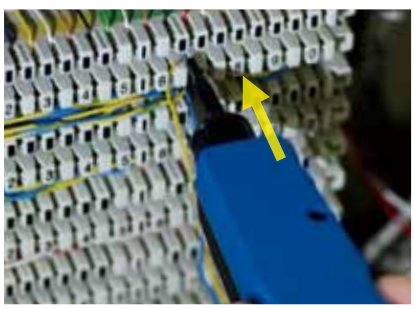
6AH01-3

FOR USE ON 66 TYPE

6AH01-4

FOR USE BOTH 66 & 110/88 TYPE





Electronic Tool Set

90217PQ new

▪ To repair electronic equipment....etc.

17 PC.

90217PQ

6BC23B

Soldering iron 220V/30W

90217PQ01

6BC23A

Soldering iron 220V/30W

90217PQ02

6BC23D

Soldering iron 220V/30W

90217PQ03

6BC23F

Soldering iron 110V/30W

Contents

1260 | 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

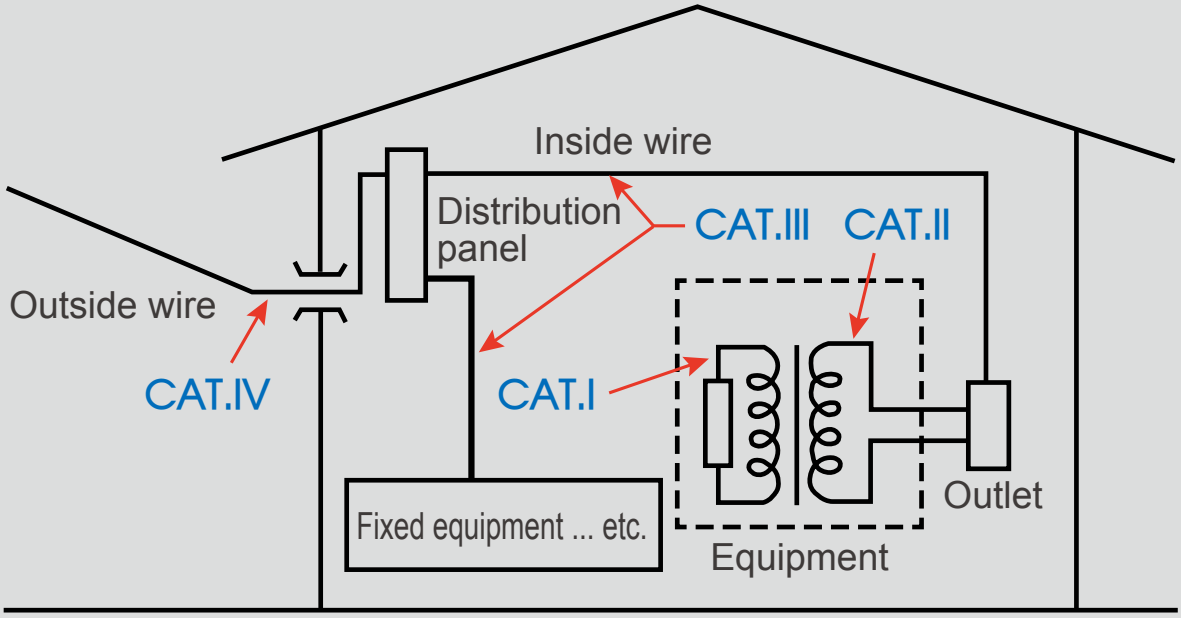
6AF11-125

6CB02

6BC100

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

Ω

Resistance measurement / Diode test / Continuity check

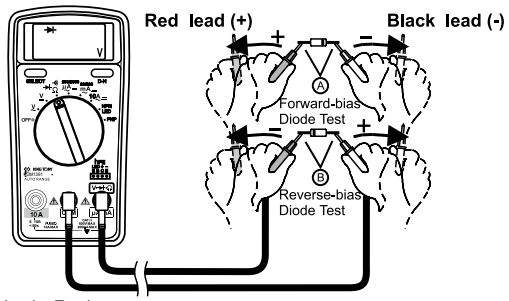
Digital Multimeter

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

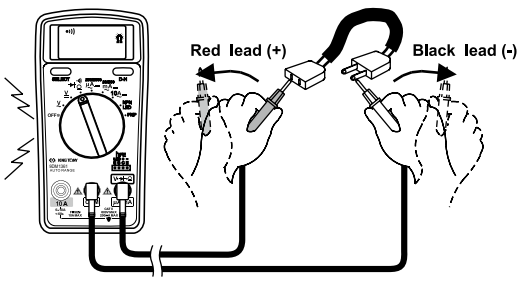
KT NO.	Size (mm) L x W x H	g	
9DM1361	138 x 70 x 32	85	10 / 40



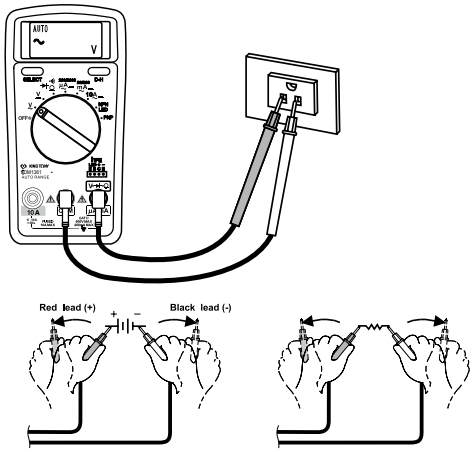
Diode Test

(A) Forward-bias Diode Test
Connect the black testing lead to the cathode and red testing lead to the anode. Silicon diodes should give a reading approximately 0.5~0.7V and GE diodes give 0.2~0.3V. In case the reading value is near to "0" , it means short circuit. If LCD display "OL", it means open circuit.

(B) Reverse-bias Diode Test
Conect the black testing lead to the anode and the red testing lead to the cathode.



Continuity Check
Apply the test leads to the circuit under test and the beeper will sound while the circuit is continuous and below 100 Ω



AC Voltage, DC Voltage, Resistance Measurement
Apply the test leads to the object under test and then read the value when it stabilizes.

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

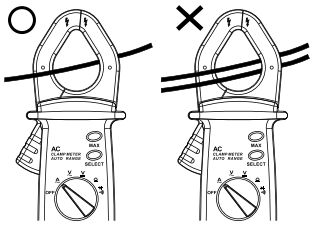
KT NO.	Size (mm) L x W x H	g	
9DM1381	117 x 76 x 18	121	20 / 80

• Light & Handy in your pocket.

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

Infrared Thermometer

9DN12

- Without 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		
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.	Testing range		
6CB02	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

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

KT NO.	Overall Size (mm) L x W x H		
6CB21	255 x 66 x 30	250	1 / 50

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		
6CB31	160 x 20 x 24	72	10 / 100

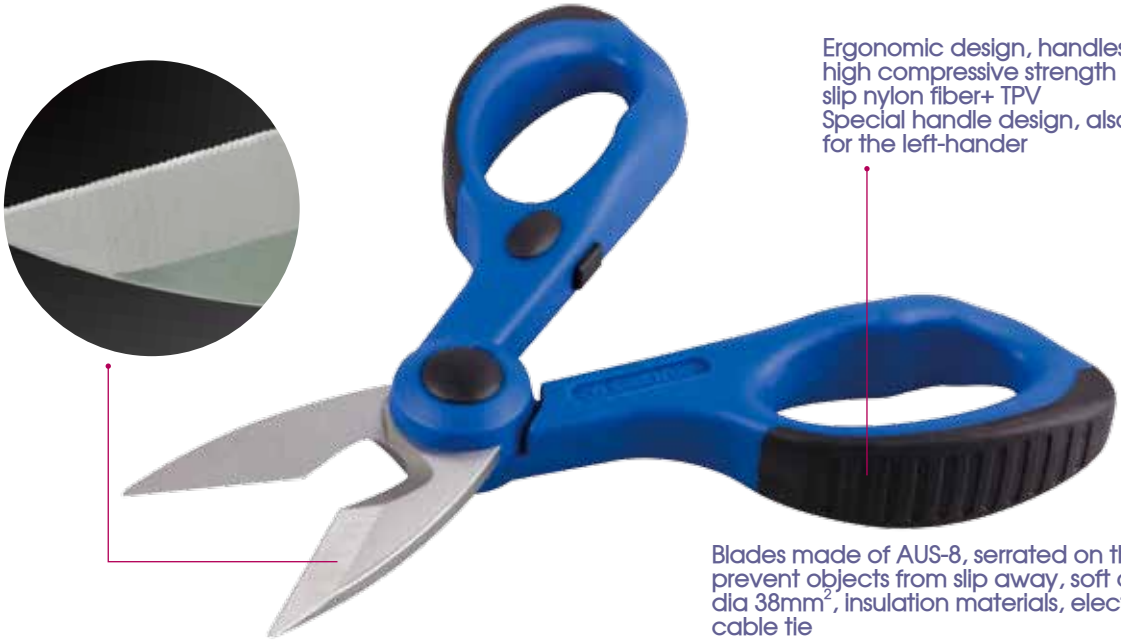
WIRE & CABLE TOOLS

- Scissors
- Cable Cutter
- Knife
- Wire Strippers
- Cable Strippers
- Crimping Tool

Electrician Scissors

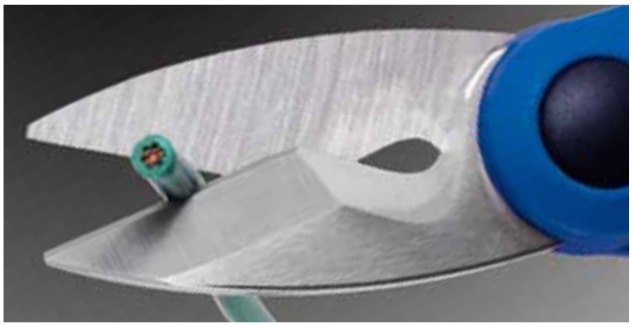
6AB13-06

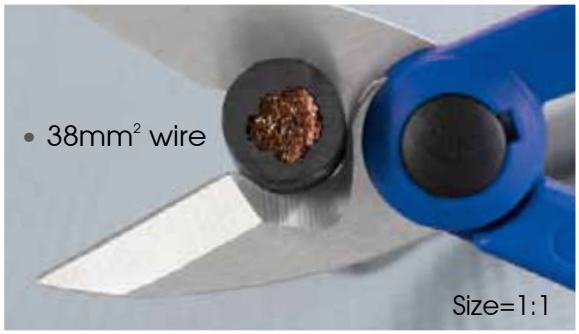
- High cutting performance by low cutting force



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 38mm^2, insulation materials, electrical tape cable tie





KT NO.	Overall length inch	Overall length mm	Cutting capacity mm	Cutting capacity AWG	Cutting capacity mm²		
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		
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

KT NO.	Overall length inch	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 Ø mm	g	
6141-06C	6	160	7	169	6 / 120
6141-08C	8-3/8	212	9.2	282	6 / 60

Cable Cutter

6AD

- Cable cutter for cutting copper and aluminum cable

• Can be use with : 67B3-55 📖430 / 6AC51 📖438

KT NO.	Overall length mm	Cutting capacity DIN(mm^2)	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 325mm^2 (600MCM)
- Cuts hard drawn copper to 200mm^2 (400MCM)

KT NO.	Overall length mm	Cutting capacity mm^2	AWG(MCM)	g	
6AD10-325	255	325	600	613.2	10 / 30

Ratcheting Cable Cutter

6AD10-3P01 new

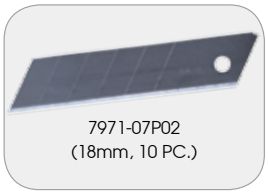
- Spare blade for 6AD10-325

KT NO.	Capacity mm²		
6AD10-3P01	325	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)



7971-07P02
(18mm, 10 PC.)

KT NO.	L mm		
7971-07	165	180	6 / 72

7976-65

KT NO.	L mm		
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

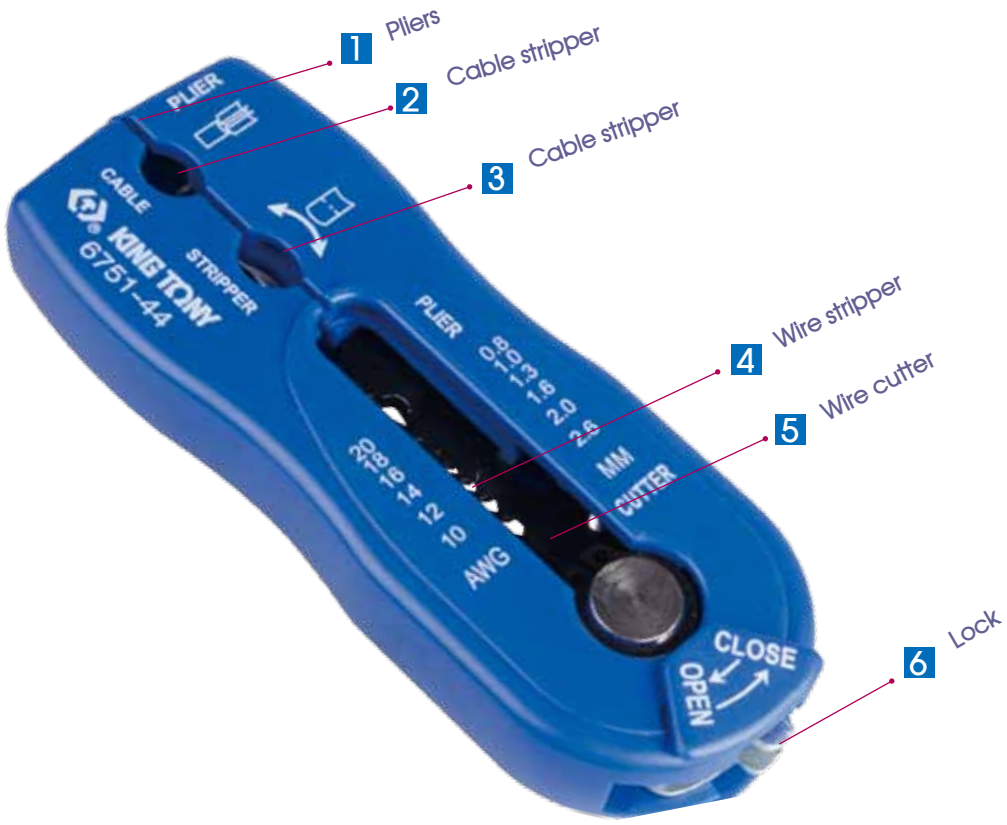
- Billhook blade electrician knife

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

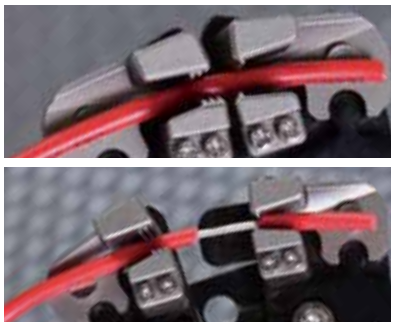


Preparation blade

KT NO.	Wire stripper Ø mm	AWG	Cable stripper Ø mm	Wire cutter Ø mm	g	
6751-44	0.8-2.6	20-10	6-10	6	116	10 / 200

Wire Stripper

6762-08

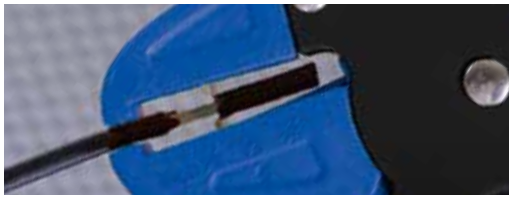


- Wire stripper
- Insulated terminal crimping

- Wire cutter

KT NO.	Wire stripper mm²	AWG	Wire cutter Ø mm	Insulated terminal crimping mm²	AWG	g	
6762-08	0.2-0.6	24-10	6	0.5-6	22-10	271	15 / 60

67A1-07

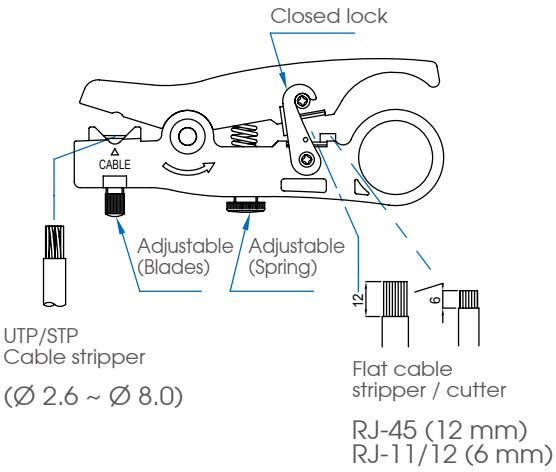


KT NO.	Wire stripper mm²	AWG	Wire cutter Ø mm	g	
67A1-07	0.05-3.5	30-12	5	209	12 / 60

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)

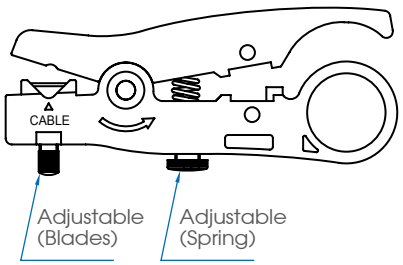
UTP/STP cable stripper	(Ø 2.6 ~ Ø 8.0)
Flat cable stripper / cutter	RJ-45 (12 mm), RJ-11/12 (6 mm)

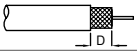
KT NO.	Overall length inch	mm	g	
6755-05	5	127	72	20 / 120

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	mm	g	
6756-05	5	127	68	20 / 120

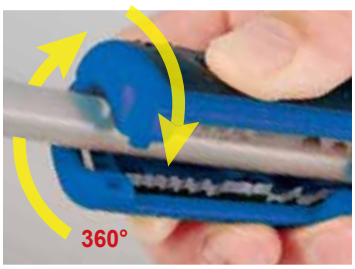
Multi-stripper

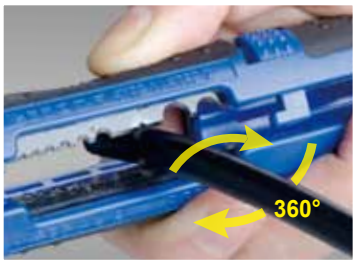
67B2-05

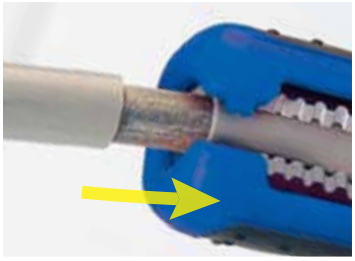
KT NO.	Overall length inch	mm	g	pcs/box
67B2-05	4-3/4	120	69	15 / 90

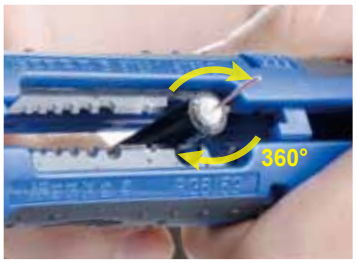
Stripping capacity

- 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









- Stripping of round cables between 8-13 mm dia

- Stripping RG-6 / RG-59 Coax.cable

- Stripping common cable AWG 20-10

- Stripping length setting

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

• Can be use with : 6AC51 438 / 6AD 423

KT NO.	Cable stripper Ø mm	Overall length inch	Overall length mm		
67B3-55	6-45	5-1/2	140	170	10 / 100

• Adjustable cutting depth

• Push cover

• Simple rotating the tool body

Remove the cable sheaths without damage of the inner conductors

Cable Tie Fasten Tool

67E2-08 new

- 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

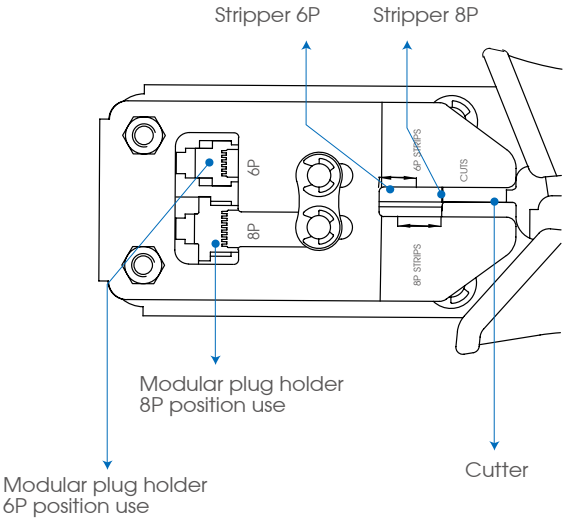
Modular Crimping Tool

67F1-08

- For cutting / stripping / crimping
- 2 types of plugs in 1 tool
- Grip material - PP+TPR

• 6P

• 8P



• Wire cutter

• Wire stripper

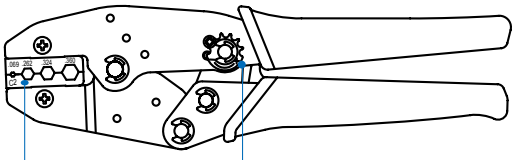
• Crimp connector

KT NO.	Overall length inch	mm		
67F1-08	8	203	370	10 / 40

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	Hex 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	Hex 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	

Ratchet Crimping Tool Set

67G0005

5 PC.

1 | 1 / 16

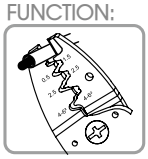
Item No.	Replacement die set	Terminal size	Description	
67GN-09	67GNP01	AWG 12 / 14 / 16 / 18 / 20 / 22 0.5 / 0.75 / 1.0 / 1.5 / 2.5 / 4.0 mm^2	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GJP01		AWG 6 / 8 / 10 6 / 10 / 16 mm^2	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GKP01		AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm^2	INTER-LOCKING & NON-INSULATED	
67GLP01		AWG 12-10 / 8 / 16-14 / 20-18 1.5 / 2.5 / 6 / 10 mm^2	NON-INSULATED TERMINAL	
67GHP01		AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm^2	FOR INSULATED TERMINAL	

Crimping Tools

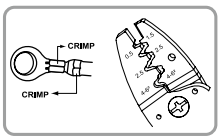
6721-10

- Wire cutter
- Crimps insulated terminals
- Bolt cutter
- Crimps non-insulated terminals.(Open barrel)
- Wire stripper

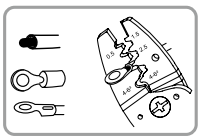
FUNCTION:



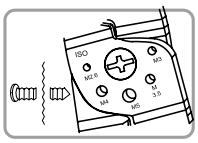
• Wire cutter



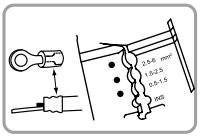
• Open barrel terminal crimping



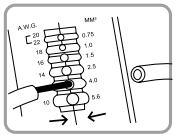
• Non-Insulated terminal Crimping



• Bolt-cutter



• Insulated terminal Crimping



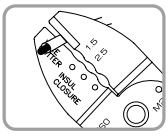
• Wire stripper

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	5 / 50

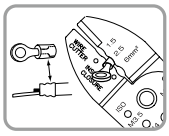
6732-09

- Wire cutter
- Crimps insulated terminals
- Bolt cutter
- Crimps non-insulated terminals.(Ring)
- Wire stripper

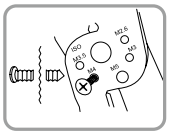
FUNCTION:



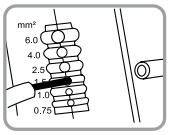
• Wire cutter



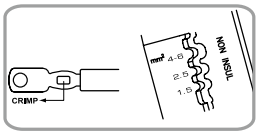
• Insulated terminal Crimping



• Bolt-cutter



• Wire stripper



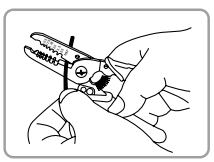
• Non-insulated ring terminal crimping

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

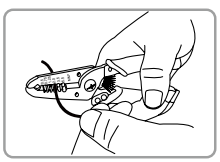
6741-06

- Wire cutter
- Wire stripper

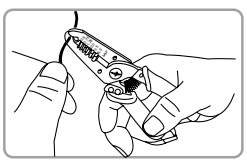
FUNCTION:



• 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

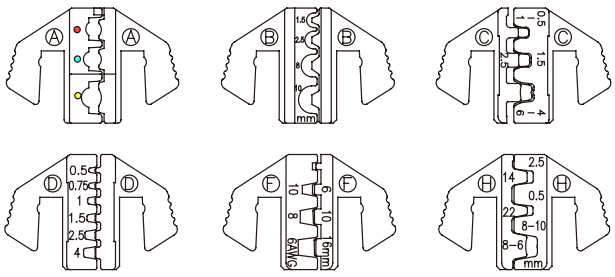
Interchangeable Ratchet Crimping Tool Set

42107GX

- Quick interchangeable ratchet function & easy to use
- Crimping jaws with heat treatment

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



1163.8 1 /10

7 PC.

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 new

▪ Ratchet designed. For non-insulated terminals

Item No. \ AWG	16	14	10	8	6
JIS mm²	1.25	2	5.5	8	14
DIN mm²	1.5	2.5	6	10	16
6AC52-11	•	•	•	•	
6AC52-12	•	•	•	•	•

KT NO.	Overall length inch	mm		
6AC52-11	10-1/2	270	480	6 / 24
6AC52-12	12	300	520	6 / 24

• Distribution box

HAMMERS & STRIKING TOOLS

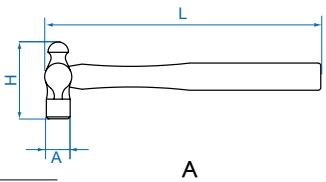
- Hammer
- Punch
- Flat Chisel
- Marking Punch

GENUINE HICKORY
GENUINE HICKORY
5mm (3/16")

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	g	
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

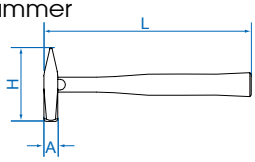
7821:

- German style
- Forged and hardened steel
- Wood and metal wedge
- DIN 1041

7823

7823:

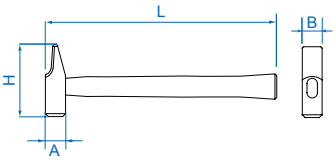
- Engineer's hammer
- DIN1041



KT NO.	H.W g	A mm	H mm	L mm	g	
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

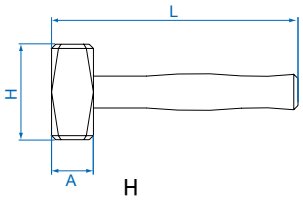
- Riveting hammer
- NF E71-016



KT NO.	H.W g	A mm	B mm	H mm	L mm	g	
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 / 18
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	g	
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

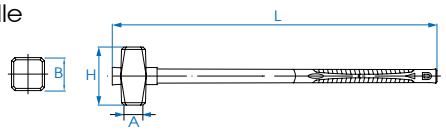
Hammer

CAUTION

Please wear proper safety gear while working.

7834

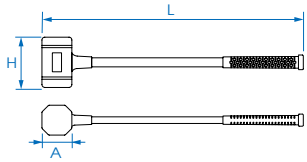
- Sledge hammer
- Fiberglass handle



KT NO.	H.W g	A mm	B mm	H mm	L mm		
7834-50	5000	66	66	160	895	5930	1 / 2

7852

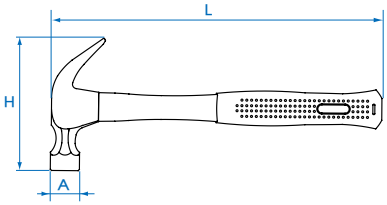
- Rubber hammer
- Fiberglass handle



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

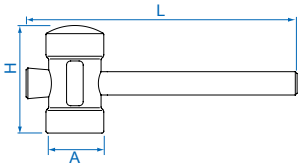
- Fiberglass claw hammer



KT NO.	HW oz	HW 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

7848

- Rubber hammer
- Feature: used to lay basalt floors, tires and other materials which are vulnerable

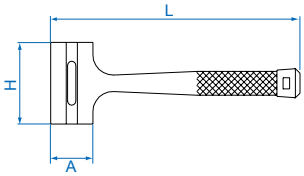


KT NO.	H.W g	A mm	H mm	L mm		
7848-60	523	64	119	330	628	6 / 12
7848-80	821	79	119	350	979	5 / 10

Hammer

7851

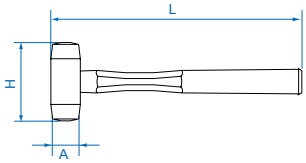
- Dead blow hammer



KT NO.	H.W g	A mm	H mm	L mm		
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

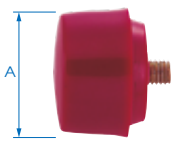
- Soft face hammer (changable head)
- Material : Polyurethane



KT NO.	A mm	H mm	L mm		
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
- H : Hard / S : Soft
- Material : Polyurethane



KT NO.	Hardness (shore A)	A mm		
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

CAUTION

Please wear proper safety gear while working.

91431

- Overall Size - W 40 x D 210 x H 240 mm
- Weight - 411.6 g / Cuft - 0.072

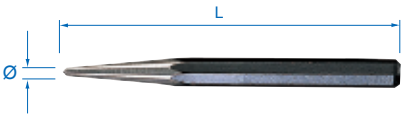
Chisel & Punch

- Material - chrome vanadium alloy steel
- Finishing - phosphate sunk

CAUTION

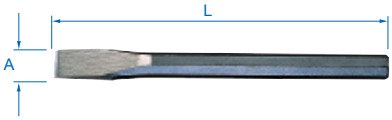
Please wear proper safety gear while working.

761 Center punch



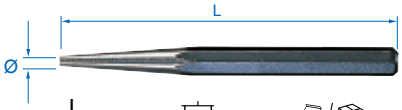
KT NO.	Ø mm	L mm	g	
76103-04	3	100	34	12 / 336
76104-05	4	120	59	12 / 336
76105-06	5	150	116	12 / 144

762 Flat chisel



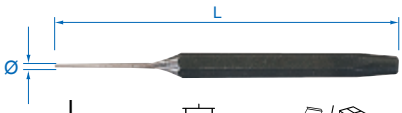
KT NO.	A mm	L mm	g	
76213-04	13	100	69	12 / 336
76215-05	15	125	70	12 / 336
76217-06	17	150	145	12 / 144
76220-07	20	175	300	12 / 144
76223-08	23	200	300	12 / 72
76224-10	24	250	388	4 / 40
76226-12	26	300	650	4 / 32

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
76306-06	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

764 Pin punch



KT NO.	Ø mm	L mm	g	
76402-45	2	115	32	10 / 640
76403-05	3	125	34	10 / 640
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

765 Cape chisel

KT NO.	Ø mm	L mm	g	
76505-05	2.6	132	70	12 / 192

Pin Punch Set

• Pouch material : Nylon or tetoron

CAUTION

Please wear proper safety gear while working.

1006PR

1006PRN

KT NO.	Contents	0.57	1 / 20
1006PR	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	
1006PRN			

6 PC.

1006PR

6 PC.

1006PRN

1009PR

1009PRN

KT NO.	Contents	1.67	1 / 12
1009PR	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, Ø10 x 65, Ø12 x 70, Ø14 x 75	
1009PRN			

9 PC.

1009PR

9 PC.

1009PRN

1010PR

KT NO.	Contents	0.86	1 / 24
1010PR	761	Ø 3 x 100, Ø 4 x 120, Ø 5 x 150	
	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	

10 PC.

1010PR

Flat Chisel & Punch Set

1090PR1

▪ Flat chisel & punch set

KT NO.		Contents	Each Q'ty		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 125, Ø 4 x 150, Ø 5 x 165, Ø 6 x 180, Ø 10 x 215			
	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'

90 PC.

Flat Chisel & Punch Set shelf size (mm) : 109 x 81 x 39

CAUTION

Please wear proper safety gear while working.

Sheathed Chisel & Pin Punch Set

- Material – chrome molybdenum alloy steel
- Finishing - phosphate sunk
- Safe and comfortable grip
- Pouch material : Tetoron

761-G Sheathed center punch

KT NO.	Ø mm	L mm	g	
76125-74G	2.5	185	104.00	12 / 144
76104-74G	4	185	110.00	12 / 144
76106-74G	6	185	112.00	12 / 144
76108-74G	8	185	179.40	12 / 120
76110-74G	10	185	169.20	12 / 120

763-G Sheathed starter punch

KT NO.	Ø mm	L mm	g	
76302-74G	2	185	104.00	12 / 144
76303-74G	3	185	105.10	12 / 144
76304-74G	4	185	107.60	12 / 144
76305-74G	5	185	112.00	12 / 144
76306-74G	6	185	115.20	12 / 144
76308-74G	8	185	162.00	12 / 120

762-G Sheathed flat chisel

KT NO.	A mm	L mm	g	
76218-75G	18	190	180.00	10 / 100
76219-75G	19	190	180.20	10 / 100
76220-84G	20	210	269.60	8 / 80
76222-84G	22	210	271.00	8 / 80

764-G Sheathed pin punch

KT NO.	Ø mm	L mm	g	
76402-55G	2	140	50.20	12 / 384
76403-06G	3	150	54.00	12 / 384
76404-07G	4	180	94.80	12 / 144
76405-08G	5	200	108.00	12 / 144
76406-84G	6	210	157.50	12 / 120
76407-84G	7	220	165.00	12 / 120
76408-88G	8	220	175.00	12 / 96
76409-88G	9	230	184.40	12 / 96
76410-09G	10	250	259.40	10 / 80
76412-10G	12	290	340.30	8 / 64
76414-11G	14	350	443.00	6 / 48
76416-12G	16	310	593.2	6 / 36
76410-14G	10	350	363.00	6 / 60
76412-14G	12	350	470.00	6 / 36
76414-14G	14	350	518.00	6 / 36
76416-14G	16	350	664.00	5 / 30

1014GPN

4 PC.

Contents — kg 2.13 — 1 / 8

76410-14G	Ø 10 x 350
76412-14G	Ø 12 x 350
76414-14G	Ø 14 x 350
76416-14G	Ø 16 x 350

1006GPN

6 PC.

Contents — kg 0.80 — 1 / 8

76402-55G	Ø 2 x 140
76403-06G	Ø 3 x 150
76404-07G	Ø 4 x 180
76405-08G	Ø 5 x 200
76406-84G	Ø 6 x 210
76408-88G	Ø 8 x 220

1009GPN

9 PC.

Contents — kg 1.82 — 1 / 12

76402-55G	Ø 2 x 140
76403-06G	Ø 3 x 150
76404-07G	Ø 4 x 180
76405-08G	Ø 5 x 200
76406-84G	Ø 6 x 210
76408-88G	Ø 8 x 220
76410-09G	Ø 10 x 230
76412-10G	Ø 12 x 250
76414-11G	Ø 14 x 290

Automatic Center Punch

768

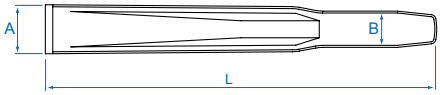
- Material : handle - brass, tip - S2
- Spring-loaded trigger design for useing without a hammer

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

11104PR

Contents	kg 1.37	1 / 10
76717-05	17 x 125	
76721-06	20 x 150	
76724-08	25 x 200	
76729-10	29 x 250	
87108		

11104PR10

Contents	kg 1.0	1 / 10
76717-05	17 x 125	
76721-06	20 x 150	
76724-08	25 x 200	
76729-10	29 x 250	

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)

11409SQ05
11409SQ08

11427SQ05
11427SQ08

KT NO.	H mm	H inch	Contents	Squre mm	L mm	Kg	
11409SQ05	5.0	3/16"	9 PCS 0~9	8 x 8	61	0.28	1 / 80
11409SQ08	8.0	5/16"		12.7 x 12.7	71	0.78	1 / 30
11427SQ05	5.0	3/16"	27 PCS A~Z, &	8 x 8	61	0.82	1 / 30
11427SQ08	8.0	5/16"		12.7 x 12.7	71	2.33	1 / 10

Heavy Duty Marking Punch

11509SQ

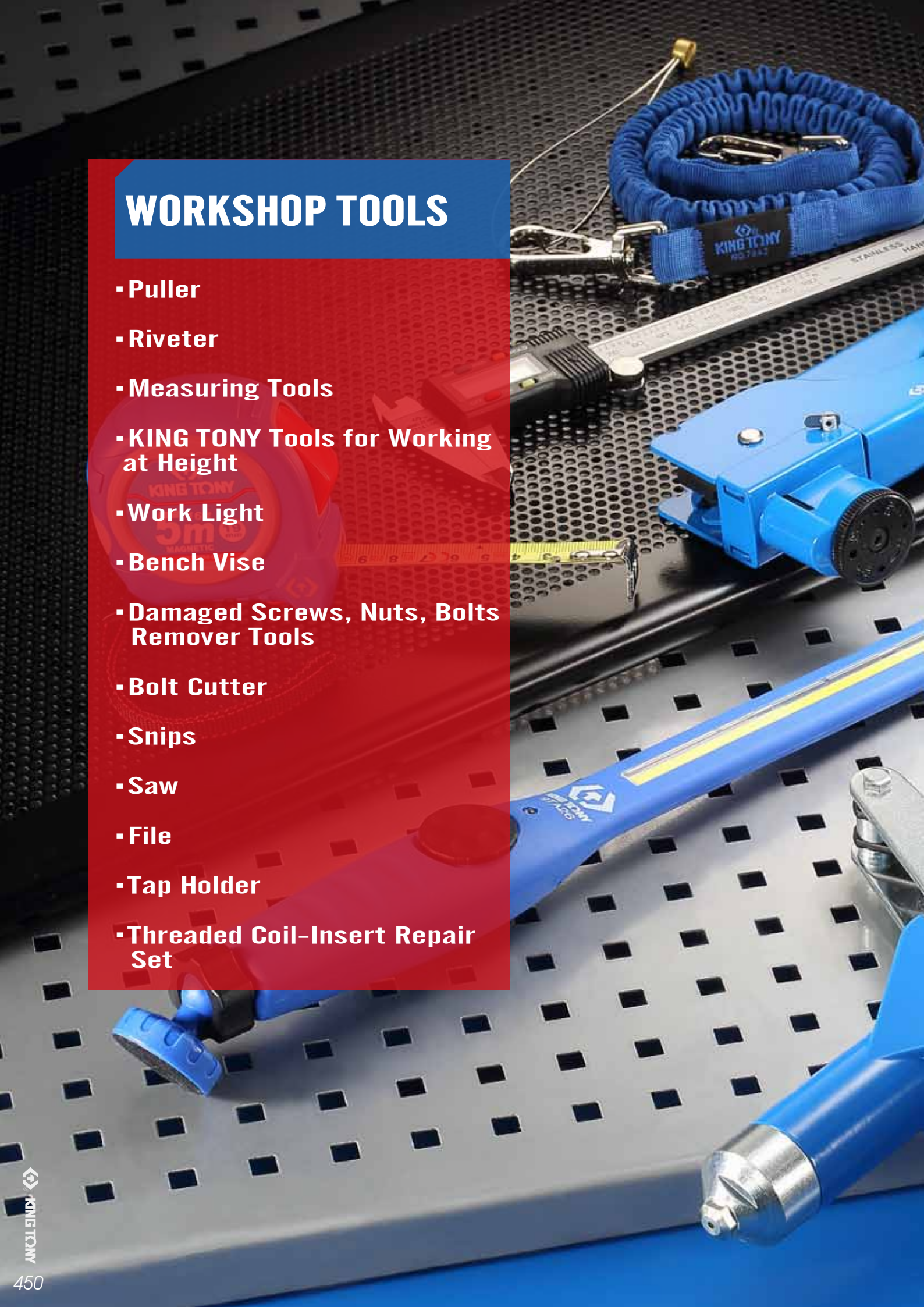
11527SQ

- 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.	H mm	H inch	Contents	Squre mm	L mm	Kg	
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
- Measuring Tools
- KING TONY Tools for Working at Height
- Work Light
- Bench Vise
- Damaged Screws, Nuts, Bolts Remover Tools
- Bolt Cutter
- Snips
- Saw
- File
- Tap Holder
- Threaded Coil-Insert Repair Set

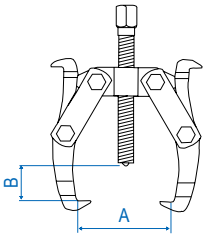
Gear Puller

- Material - chrome vanadium alloy steel
- Finishing - chrome plated & phosphate sunk

7962

▪ Two-Jaw gear puller

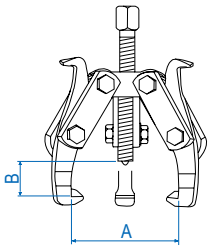
KT NO.	Size inch	A mm	B mm	Kg	
7962-03	3	75	60	0.44	1 / 40
7962-04	4	100	95	0.78	1 / 20
7962-06	6	150	150	1.65	1 / 10
7962-08	8	200	235	3.50	1 / 5
7962-12	12	300	280	7.00	1 / 2



7963

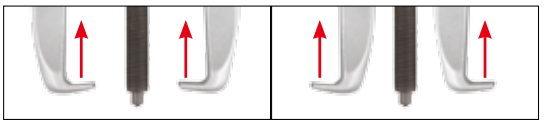
▪ Three-Jaw gear puller

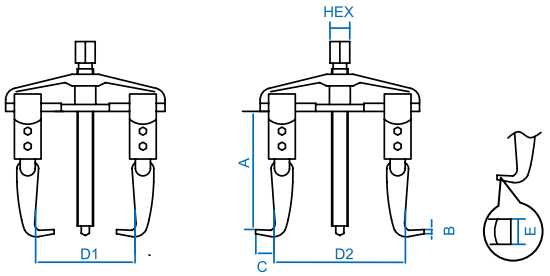
KT NO.	Size inch	A mm	B mm	Kg	
7963-03	3	75	60	0.55	1 / 40
7963-04	4	100	95	1.06	1 / 20
7963-06	6	150	150	2.25	1 / 10
7963-08	8	200	235	4.50	1 / 5
7963-12	12	300	280	11.00	1 / 2



7962B new

▪ Two-Jaw gear puller
▪ Adjustable sliding arm for efficiency and safety
▪ Reversible jaws for internal & external options gear, axle, bearing, etc…





KT NO.	Size inch	Hex mm	A mm	B mm	C mm	D1 mm	D2 mm min	D2 mm max	E mm	Kg	
7962B-35	3.5	17	100	3.8	14.5	90	60	125	21	1.05	1/12
7962B-05	5	17	100	3.8	14.5	130	60	160	21	1.15	1/12
7962B-06	6	22	150	4.6	23	150	85	200	30	2.98	1/6
7962B-08	8	22	150	4.6	23	190	105	230	30	3.41	1/6
7962B-10	10	27	210	7.0	30	240	130	300	35	7.11	1/3

Slide Hammer Gear Puller Set

796401MR new

- Includes 2.6 lbs / 1.2 kgs slide hammer, 400 mm T handle shaft and 90mm triple leg
- Internal/external puller for various gear, bearing, axle, etc...

6 PC.

4.5 1/4

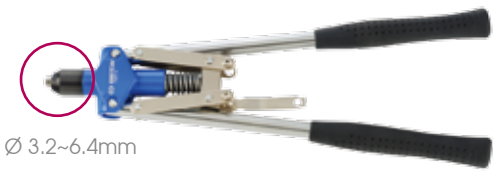
CONTENTS:
- 1PC. 400 mm T handle shaft
- 1PC. 2.6 lbs / 1.2kgs hammer
- 1PC. Adjustable nut
- 1SET Internal gear puller for Ø15-30mm
- 1SET Internal gear puller for Ø 30-80mm
- 1SET External gear puller for Ø 15-80mm

Riveter

79711

- Stainless steel riveter nozzles
- Drop-forged aluminum body
- Heavy duty riveter for stainless or aluminum rivets

KT NO.	L inch	L mm	Capacity inch	Capacity mm		
79711	18	460	1 / 8	Ø 3.2	1488	1 / 12
			5 / 32	Ø 4.0		
			3 / 16	Ø 4.8		
			1 / 4	Ø 6.4		



Ø 3.2~6.4mm

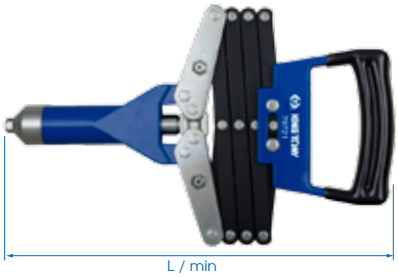
Expander Riveter

79721

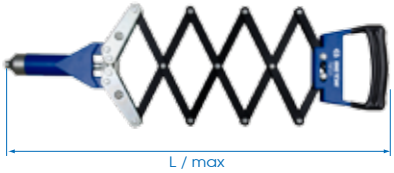
- Expander framework design to press riveter
- 4 PC. Interchangeable nozzles
- Heavy duty riveter for stainless or aluminum rivets

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		
79721	315	12-1/2	870	34-1/4	2000	1 / 10



L / min



L / max

Riveter

21-20-101

- Stainless steel riveter nozzles
- Drop-forged aluminum body

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

Ø 2.4~4.8mm

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				Kg 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

Blind Nut Riveter

21-30-09MR new

- Designed for fasten object to thin metal
- 4pc. interchangeable mandrels (M4, M5, M6, M8)
- 80pc. iron nut rivet

85 PC.

CONTENTS:

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

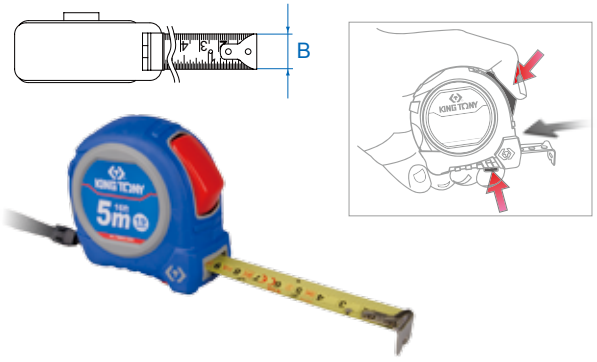
KT NO.	L inch	L mm	g	
21-30-09MR	10-1/2	265	1320	1/12

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	14 / 56
79094-05C1	5M/16FT	25	260	12 / 48
79094-08C	8M/26FT	25	420	12 / 48

Paper Display Stand for Measuring Tape

87118

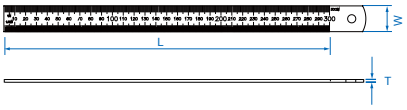
- Capacity: 12 PC.
- For all measuring tape (79093 / 79094 <02M,03M,05M>series)
- Paper display stand size(mm): 309 x 237 x 189 (0.489 CUFT)

87118

Measuring

79061

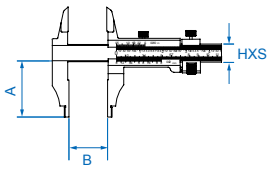
- Photo engraved metric scale
- Flexible stainless graduated ruler



KT NO.	L mm	W mm	T mm	g	
79061-12	300	23.7	1.0	65	20 / 400
79061-20	500	28.5	1.2	145	10 / 160
79061-40	1000	35.0	1.2	360	10 / 20

77121

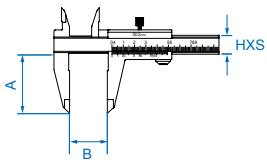
- Made of stainless steel with smooth adjustment
- Vernier calipers with external upper jaw
- Dual scale: mm/inch



KT NO.	A mm	B max mm	B max inch	Vernier mm	Vernier inch	H x S mm	g	
77121-08	60	200	8	0.02	0.001	20 x 4	860	1 / 10

77131

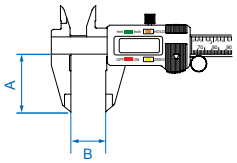
- Parallax free bevel vernier calipers



KT NO.	A mm	B max mm	Vernier mm	H x S mm	g	
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

- Open slider digital calipers
- Manual power on / off
- Instant metric / inch system on LCD screen



KT NO.	A mm	B max mm	B max inch	Vernier mm	Vernier inch	g	
77141-06	40	150	6	0.01	0.001	320	1 / 20
77141-08	50	200	8	0.01	0.001	485	1 / 18

Metric Feeler Gauge

- Material: blade material of spring steel

77340-20

▪ 20 blades metric feeler gauge

KT NO.	Number of blades	Width x Length of blades (mm)	Contents	105	50 / 200
77340-20	20	10 x 100	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		

77335-25

▪ 25 blades metric feeler gauge

KT NO.	Number of blades	Width x Length of blades (mm)	Contents	110	50 / 200
77335-25	25	13 x 85	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		

77328-26

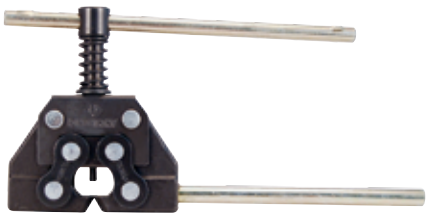
▪ 26 blades inch feeler gauge

KT NO.	Number of blades	Width x Length of blades (mm)	Contents	91	14 / 168
77328-26	26	12.7 x 76	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		

Roller Chain Detacher

3214

KT NO.	For chain size mm		
3214-35	35~50	310	1 / 60
3214-60	60~100	691	1 / 20



KING TONY Tools for Working at Height

Worker safety plays paramount role, particularly for who works at height. KING TONY Tools at Height are simple anti-drop solutions to prevent tools from falling. It can avoid the risk of dropped tools to hurt people, causing damage and disrupting work.
It's applicable in drilling derricks, wind turbines, cranes, buildings, scaffolds, bridges, telecom masts, power lines, hangars, overhead gantries, nuclear fuel rod cooling ponds, water filter beds, underground mining shafts where safety is a major concern.

79A21-30

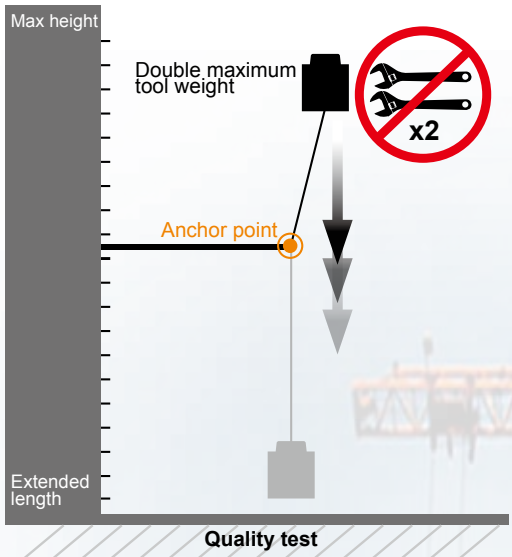
- Retractable tool lanyard
- 3 kgs maximum tool weight
- Nylon tether with steel spring inside to absorb the shock of a dropped tool
- Increases safety and productivity
- Ergonomically designed length

KT NO.	Capacity mm	Hook		
79A21-30	800~1300	2 lock snaps	106	20 / 160
79A22-30	800~1300	fixed loop	89	20 / 160

79A22-30

79A21-30

79A22-30



• 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.

30 + 4 LED Rechargeable Work Light

9TA23

- 30+4 LEDs
- Brightness: 55 Lumen(lm)
- 60° magnetic swivel base + 360° functional hook
- IP65 shockproof housing + waterproof coating
- Rechargeable battery: 3.6V – 2250mAh Li-ion
- 6 hrs continuous light
- AC 100~240V 50/60Hz EU battery charger
- DC 12~24V car battery charger
- CE/ROHS compliance

Contents:

1. 30+4 LEDs rechargeable work lamp x 1 PC.

2. AC charger x 1 PC.

KT NO.		Suitable country	
9TA23A		Europe	1 / 20
		America & Asia	1 / 20
9TA23D		Australia & New Zealand	1 / 20

60° Magnetic swivel base

Main light with unbreakable lens + 30 LEDs

Top light with 4 LED

Battery status indicator light

Optional accessory:

9TA23-1
DC Car charger x 1 PC.

3 + 1 Powerful LED Work Light 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
- DC 12~24V car battery charger

Contents:

1. 3+1 LEDs rechargeable work lamp x 1 PC.

2. AC charger x 1 PC.

KT NO.	L mm		Suitable country	
9TA24A	650		Europe	1 / 20
			America & Asia	1 / 20
9TA24D	650		Australia & New Zealand	1 / 20

60° Magnetic swivel base

Main light with unbreakable lens + 3 powerful LEDs

Top light with 1 powerful LED

Battery status indicator light

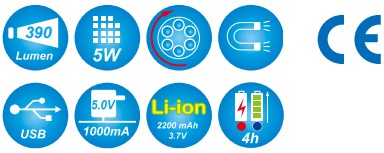
Optional accessory:

9TA23-1
DC Car charger x 1 PC.

Flexible LED Light

9TA25

- 5W High lightness LED lamp
- Brightness : 390 Lumen(lm)
- Rechargeable battery : 3.7V-2200mAh-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

COM LED LAMP	
USB CHARGER	
USB CABLE	

Adjustable focus

KT NO.	L inch	mm	Suitable country		
9TA25A	12	300	Europe	300.0	1 / 20
9TA25B	12	300	America & Asia	300.0	1 / 20
9TA25D	12	300	Australia & New Zealand	300.0	1 / 20

LED Torch

79813

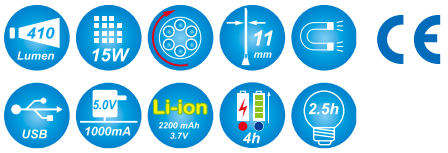
- Aluminium body and tube
- With wrist strap
- Batteries not included (two LR3 AA batteries required)

KT NO.	L mm		
79813	153.5	57.0	10 / 200

Slim Inspection Lamp

9TA26

- 11 mm thickness adjustable light 15W COB LED
- Brightness: 410 Lumen (lm)
- Magnetic swivel base with functional hook
- Rechargeable battery: 3.7V-2200mAh Li-ion
- Power adaptor AC 100-240V
- USB Changer 5V, 1000mA
- 5 hours (Normal) 2.5 hours (Boost) lighting
- Changer Time: 3.5~4.0 hours
- Waterproof grade: IP 54



KT NO.	L mm	Suitable country	
9TA26A	375	Europe	1 / 12
9TA26B	375	America & Asia	1 / 12
9TA26D	375	Australia & New Zealand	1 / 12

Contents

COM LED LAMP	
USB CHARGER	9TA26P02
USB CABLE	9TA26P03

Slim Inspection Lamp Set

9TA26A-S

Paper display stand size(mm):
330 x 160 x 520 (0.969CUFT)

Contents			
	9TA26A	8.03	6 / 18

3W SMD LED Pen Light

79831

- Pen light with 6 PC. SMD(surface-mount devices) LED
- Brightness:135 Lumen(lm)
- ABS body
- 360 degree rotation
- PE lampshade: avoid nebulization
- Batteries not included (three AAA batteries required)

KT NO.	L x W x H mm	g	
79831	165 x 25 x 30	58.0	10 / 120

5W COB LED Pen Light

79832

- Pen light with 1 PC. 5W COB(chip on board)
- Brightness:230 Lumen(lm)
- ABS body
- 360 degree rotation
- PE lampshade: avoid nebulization
- Batteries not included (three AAA batteries required)
- Waterproof grade: IP 54

KT NO.	L x W x H mm	g	
79832	165 x 25 x 30	58.0	10 / 120

LED Pen Light Set

7983

Paper display stand size(mm):
115 x 175 x 175 (0.124CUFT)

KT NO.	Contents			Kg	
79830DQ	6 PC.		79831	0.58	12 / 144
	6 PC.		79832		
79831-S	12 PC.		79831	0.58	12 / 144
79832-S	12 PC.		79832	0.58	12 / 144

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	g	
9TE11	Ø 150	433.0	1 / 30

Anti-vibration Protective Gloves

9TH21 new

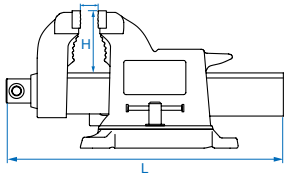
- Protection from repetitive impact and vibration of pneumatic tools
- Magnet in back of glove for storing metal parts and fasteners

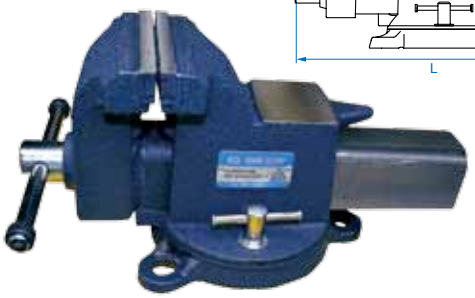
g 110 100

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

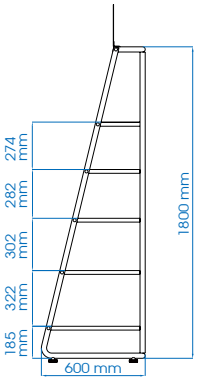




KT NO.	mm	H mm	L mm	Kg	
9TZ11-04	146	57	310	7.50	1 / 1
9TZ11-05	166	67	365	11.0	1 / 1
9TZ11-06	200	76	422	14.5	1 / 1
9TZ11-08	225	89	492	18.0	1 / 1
9TZ11-10	250	102	572	25.6	1 / 1

87160

- Overall Size - W 400 x D 600 x H 2070 mm



Screw Extractor Set

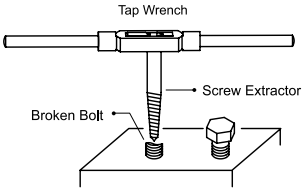
11205SQ

- A quick and easy way to remove broken screw, pipe, bolt and stud

5 PC.

103 25 / 100

Contents	
2127-06M	1/8"-1/4"
2127-08M	1/4"-5/16"
2127-11M	5/16"-7/16"
2127-14M	7/16"-9/16"
2127-18M	9/16"-3/4"



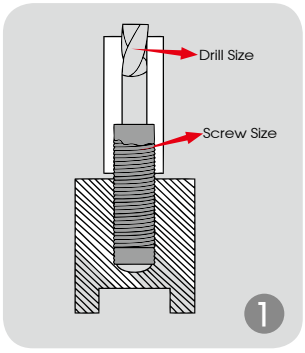
Screw Extractor & Drill Set

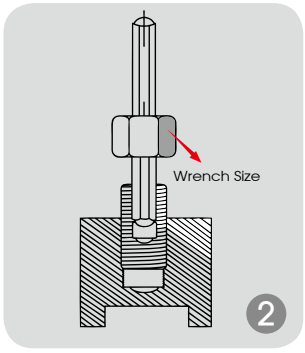
11225SQ

- Easy to remove 5~14 mm broken screws
- 15 PC. HSS drill bit & center guide
- 10 PC. extractor pin & nut

25 PC.

790 1 / 20





- Use the guide to drill a pilot hole in the center of broken screw

- Put on extractor nut turning out broken screw with wrench

Blow case size (mm) :
260 x 175 x 60 (0.096CUFT)

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

2 PC.

609.4 | 12 / 36

KT NO.	Capacity inch	mm	Hex (mm)
9TD062	1/2"~5/8"	12~16	14
9TD063	5/8"~7/8"	16~22	19

9TD064

1895 | 1 / 12

KT NO.	Capacity inch	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

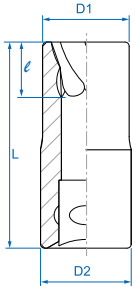
4 PC.

Blow case size (mm) :
260 x 175 x 60 (0.096CUFT)

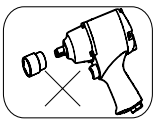
1/2" DR. Damaged Nuts Remover Socket & Set

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 nozzle, and studs
- No pounding, chisels or torches are needed



CAUTION



Can't be used with pneumatic wrench

KT NO.	D1 mm	D2 mm	ℓ mm	L mm		
9TD403-12M	18	22	11	50	77.0	10 / 180
9TD403-13M	20	22	11	50	84.0	10 / 180
9TD403-14M	21	22	11	50	85.0	10 / 180
9TD403-17M	24.5	25	15	50	117.0	10 / 180
9TD403-19M	27	27	15	50	135.0	8 / 80
new 9TD403-21M	29.4	27	16	50	138.4	8 / 80
new 9TD403-22M	30.5	27	17	50	140.6	8 / 80

9TD035MR 1/2"

Contents | 0.52 | 4 / 36

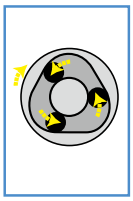
9TD403	12, 13, 14, 17, 19
8740705	

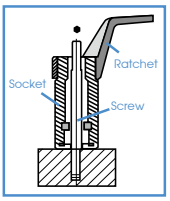
5 PC.

Roller Stud Extractor Socket & Set

9TD401 1/2"

- For tightening or loosening studs





KT NO.	mm	D1 mm	D2 mm	L mm	kg	
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"

- Roller stud extractor socket set
- 4 stud drivers for sizes M6, M8, M10 and M12

1.10 kg / 1 / 20

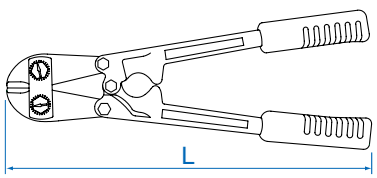
4 PC.

Blow case size (mm) :
210 x 111 x 49 (0.04CUFT)

Bolt Cutter

6131 GS / TUV

- Chrome vanadium alloy steel
- Center cut



KT NO.	L inch	L mm	Cutting capacity HRC 15°(ø mm)	Cutting capacity HRC 35°(ø mm)	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 HRC 15°(ø mm)	Cutting capacity HRC 35°(ø mm)	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

Aviation Tin Snips

74010~74060

- Drop forged chrome molybdenum alloy steel
- Blades with serrated edges
- Cuts up to 1.2mm rolled steel or 0.7mm stainless steel
- Induction hardened cutting edges 59-62 HRC
  - 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	pcs/box
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 / 48
74060	290	75	Orange	1.10	0.94	0.70	0.53	450	6 / 36

Figure Tin Snips

74250~74270

- Superior cutting performance
- High - impact handle with fixed handle open width
- Drop froged chrome molybdenum alloy steel blades with serrated edges
- Induction hardened cutting edges 59-62 HRC
- Cuts up to 1.5mm cold rolled steel or 0.9mm stainless steel
  - 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	pcs/box
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

- American type
- One - piece forged construction
- Cushion handle with smooth, comfortable bows
- Designed for cutting straight and wide curves to the left or right
- Drop forged of high carbon steel
- Induction hardened cutting edges 58 - 61 HRC

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

Offset Tin Snips

74512

74514

- British type
- One - piece forged construction
- Comfortable vinyl coated handles
- Drop forged of high carbon steel
- Induction hardened cutting edges 58 - 61 HRC

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 Circular Pattern Snips

74613

- American type
- One - piece forged construction
- Cushion handle with smooth, comfortable bows
- Designed for cutting straight and wide curves to the left or right
- Drop forged of high carbon steel
- Induction hardened cutting edges 58 - 61 HRC

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

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	1 / 24

Way to replace the blade

To loosen the button.

To press the button then pull the tube to take out the blade.

Replace the new blade.

File

7510G new

- Flat file

KT NO.	Size mm		L mm	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 new

- Half round file

KT NO.	Size mm		L mm	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 new

- 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 new

- 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 new

- Square file

KT NO.	Size mm		L mm	mm	g	
75501-08G	8	Bastard cut	200	73.5	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

Second Cut File & Set

- Pouch material : Nylon

1005GQ

1015GQ

- Available with T2 cut for precision work

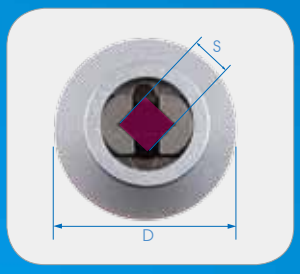
KT NO.	Contents		L inch		
1005GQ (for 8")	▮ 75102-08G	▲ 75402-08G	8"	0.9	1 / 20
	◖ 75202-08G	■ 75502-08G			
	● 75302-08G				
1015GQ (for 10")	▮ 75102-10G	▲ 75402-10G	10"	1.4	1 / 8
	◖ 75202-10G	■ 75502-10G			
	● 75302-10G				

1005GQ / 1015GQ

Tap Holder

39123010M / 39123012M 39124012M

- 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.	g	
39123010M	3/8	34.5	2.0	6.0	221	4/80
new 39123012M	3/8	34.5	4.0	9.0	221	4/64
39124012M	1/2	38.5	6.0	12.0	259	4/64

Professional Threaded Coil-Insert Repair Set

11311MQ

- 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

119 PC.

KT NO.	Contents	Kg	
11311MQ		2.78	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

Metal case size (mm) : 350 x 216 x 40

Notes

PNEUMATIC & POWER 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
- 18V L-ion Impact Wrench
- 18V L-ion Brushless Impact Wrench
- 18V L-ion Brushless Impact Driver
- 18V L-ion Brushless Drill Driver
- 10.8V L-ion Impact Driver

KING TONY
2.0Ah
Li-ion

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					○		477
33411-020 33411-021		200	271					○		477
33451-045 33451-046		450	610					○		478
33411-040 33411-041		500	678					○		479
33412-040 33412-041		500	678						2"	479
33421-040 33421-041	1/2"	500	678					○		478
33411-050 33411-051		650	881					○		479
33412-050 33412-051		650	881						2"	479
new 33431-065 33431-066		650	881					○		480
33481-095 33481-096		950	1288					○		481
33611-055 33611-056		700	949					○		482
33612-055 33612-056		700	949						2"	482
33621-075 33621-076		800	1085					○		482
33622-075 33622-076	3/4"	800	1085						6"	482
33681-100 33681-101		1100	1491					○		481
33631-110 33631-111		1100	1491					○		483
33632-110 33632-111		1100	1491						6"	483
33671-160 33672-160		1600	2170					○	6"	483
33851-120 33851-121		1200	1626					○		484
33852-120 33852-121		1200	1626						6"	484
33811-150 33812-150		1500	2033					○	6"	484
33871-160 33872-160	1"	1600	2170					○	6"	485
33841-180 33842-180		1800	2440					○	6"	486
33831-180 33832-180		1800	2440					○	6"	485
33861-200 33862-200		2000	2712					○	6"	486
33851-250 33852-250		2500	3388					○	8"	484
33911-250 33912-250	1-1/2"	2500	3388					○	8"	487
33921-300 33922-300		3000	4065					○	8"	487

Impact Wrench

33311 — 3/8"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

Standard

20% More Power Less Vibration

Mechanism-jumbo 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	
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 / 8
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 / 8

33411 — 1/2"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

Standard

20% More Power Less Vibration

14103GP

33012 33011 33013

Mechanism-jumbo 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	
33411-020	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
14103GP	3 PC. repair tools																				

Impact Wrench

CAUTION

Please wear proper safety gear while working.

33421 1/2"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on front exhaust

20% More Power Less Vibration

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

33451 1/2"

- 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

Impact Wrench

CAUTION

Please wear proper safety gear while working.

33411 | 33412 | 1/2"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

20% More Power Less Vibration

Standard

14103GP

33012 33011 33013

33411-040
33411-041

33412-040
33412-041

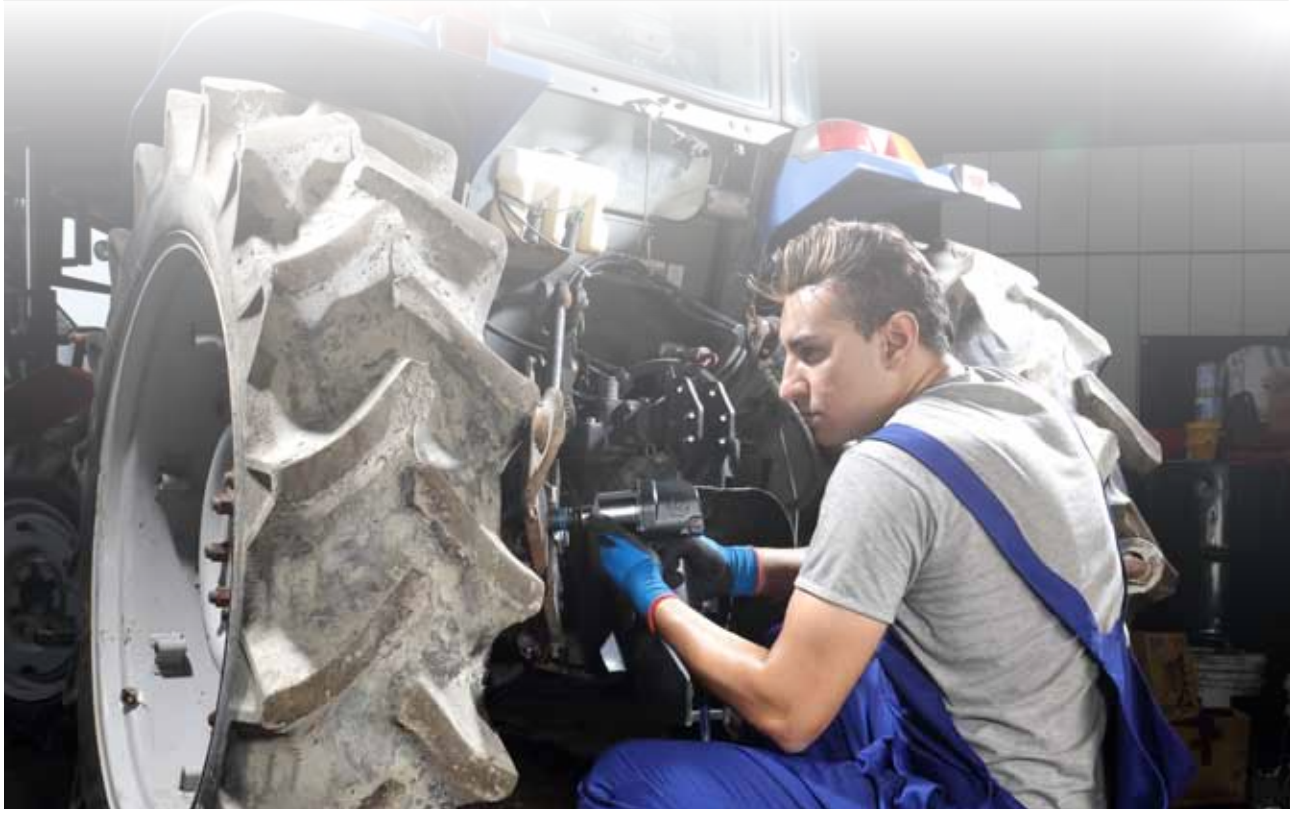
Twin hammer

33411-050
33411-051

33412-050
33412-051

New twin hammer

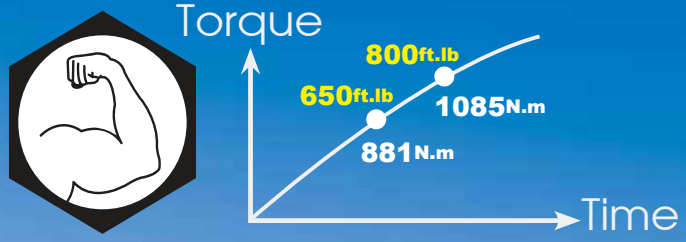
KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound 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
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
33412-040	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
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
14103GP	3 PC. repair tools																				



High Performance Impact Wrench

33431-065 new

- Well balanced impact wrench with easy operation
- Improvement twin 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

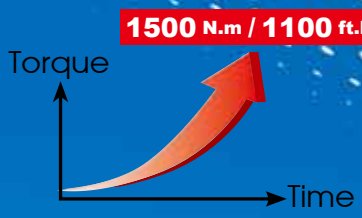
CAUTION

Please wear proper safety gear while working.

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	5/8"	M16	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	5/8"	M16	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

Super Duty Composite Impact Wrench

33481 33681



lightweight
20% - 48%

One-handed F / R control
Easy forward / reverse switch
Forward
Reverse

New twin hammer
Strengthened structure,
prolong the lifetime

4-speed power setting, full speed in reverse

TPR comfortable handle material reduces vibration

KT NO.	Square drive inch	Square drive mm	Type 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.	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.	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.	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 / 4
33681-101	3/4"	19.05	Std.	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 / 4

Impact Wrench

CAUTION

Please wear proper safety gear while working.

33611 | 33612 | 33621 | 33622 3/4"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

20% More Power Less Vibration

Standard

14103GP

33012 33011 33013

33611-055
33611-056

33612-055
33612-056

33621-075
33621-076

New twin hammer

33622-075
33622-076

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
14103GP	3 PC. repair tools																		0.58		1 / 20

Impact Wrench

CAUTION

Please wear proper safety gear while working.

33631 33632 3/4"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

33631-110
33631-111

New twin hammer

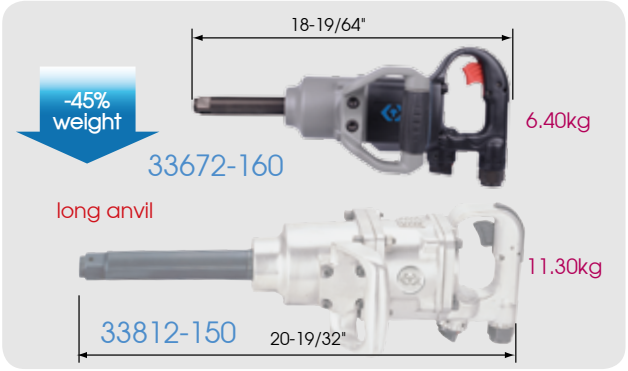
33632-110
33632-111

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

33671 33672 3/4"

- Lighter weight durable composite housing
- Nickel chrome molybenum square driver
- Comfortable rubber handle

-10% length



33671-160

Twin hammer

33672-160

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

Impact Wrench

CAUTION

Please wear proper safety gear while working.

33851 33852 1"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

33851-120
33851-121

New twin hammer

33852-120
33852-121

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

33811 33812 1"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

20% More Power Less Vibration

33811-150

33812-150

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	
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

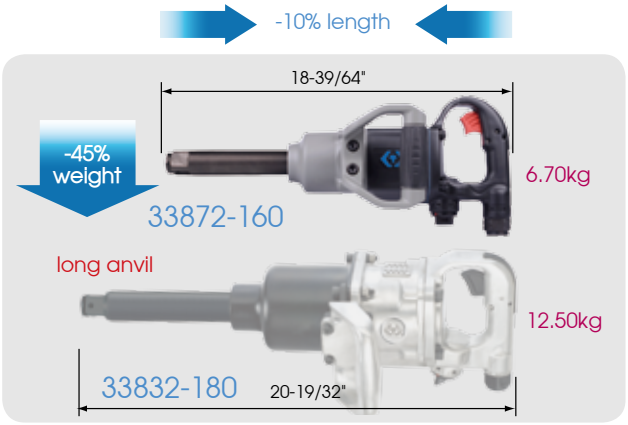
Impact Wrench

CAUTION

Please wear proper safety gear while working.

33871 33872 1"

- Light weight durable composite housing
- Nickel chrome molybdenum square driver
- Comfortable rubber handle



33871-160

Twin hammer

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	
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

33831 33832 1"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

20% More Power Less Vibration

Standard

33831-180

33832-180

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	
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

33841 33842 1"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

33841-180

New twin hammer

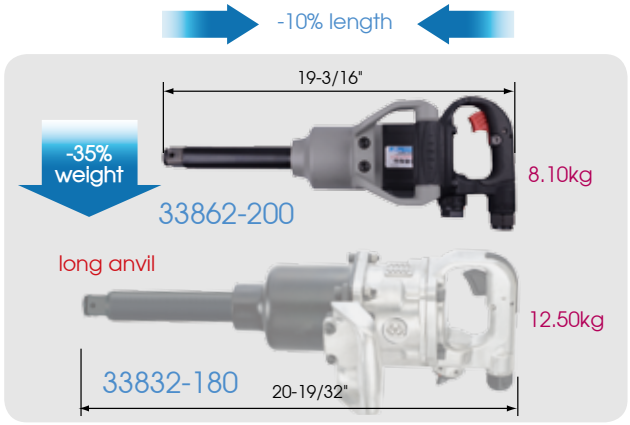
33842-180

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	
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

33861 33862 1"

- Light weight durable composite housing
- Nickel chrome molybdenum square driver
- Comfortable rubber handle

Maximum torque 2000ft.lb !



33861-200

Twin hammer

33862-200

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 / 1
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 / 1

Impact Wrench

CAUTION

Please wear proper safety gear while working.

33851 33852 1"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

33851-250

33852-250

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	
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 33912 33921 33922 1-1/2"

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

33911-250
33921-300

33912-250
33922-300

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	
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

CAUTION

Please wear proper safety gear while working.

Impact Socket & Wrench Set

44506MP | 44506MP01 | 44506MP10 1/2"

- 5 PC. stubby socket 17~24mm
- 1 PC. impact wrench
- 1 PC. air inlet adaptor

7 PC.

KT NO.	Contents			2.7	1 / 6
44506MP	33451-045	4525M	17, 19, 21, 22, 24		SY-221M (1/4"BSPT)
44506MP01					SY-211M (1/4"BSPT)
44506MP10	33451-046				SY-231M (1/4"NPT)

Blow case size (mm) :
310 x 240 x 85 (1.50 Cuft)

44116MP | 44116MP04 | 44116MP10 1/2"

- 10 PC. socket 9~27mm
- 3 PC. thin wall socket 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

21 PC.

KT NO.	Contents			6.1	1 / 4
44116MP	4535M	9, 10, 11, 13, 14, 17, 19, 22, 24, 27			SY-221M (1/4"BSPT)
44116MP04	4415M	17, 19, 21	4260-05	4797	33411-040	SY-211M (1/4"BSPT)
44116MP10	90601 90602	90401 90402			33411-041	SY-231M (1/4"NPT)

Blow case size (mm) :
315 x 250 x 120 (0.339 cuft)

Impact Socket & Wrench Set

44118MP | 44118MP04 | 44118MP10 1/2"

- 14 PC. deep socket 10~27mm
- 1 PC. impact wrench
- 2 PC. extension bar, 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

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		SY-211M (1/4"BSPT)
44118MP10	90601 90602 90401 90402	33411-041	SY-231M (1/4"NPT)

Blow case size (mm) :
420 x 315 x 100 (0.475 cuft)

64111MP | 64111MP01 | 64111MP12 3/4"

- 8 PC. socket 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

14 PC.

KT NO.	Contents	10.8	1 / 2
64111MP	6535M 26, 27, 28, 30, 32, 35, 36, 38	33621-075	SY-221M (1/4"BSPT)
64111MP01	6260-07 6797		SY-211M (1/4"BSPT)
64111MP12	90603 90404	33621-076	SY-231M (1/4"NPT)

Blow case size (mm) :
420 x 315 x 100 (0.475 cuft)

Impact Socket & Wrench Set

64115MP | 64115MP01 | 64115MP12 | 3/4"

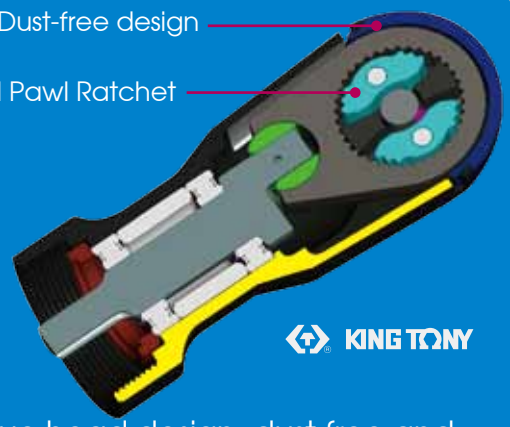
- 12 PC. socket
- 1 PC. impact wrench
- 1 PC. extension bar, 7" L
- 1 PC. universal joint
- 1 PC. ring Ø 5.5 x 37mm
- 1 PC. pin Ø 4.0 x 35mm
- 1 PC. air inlet adaptor

18 PC.

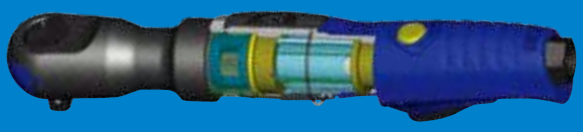
KT NO.	Contents	10.8	1 / 2
64115MP	6535M 24, 26, 27, 29, 30, 32, 33, 34, 35, 36, 38, 41	33621-075	SY-221M (1/4"BSPT)
64115MP01	6260-07 6797		SY-211M (1/4"BSPT)
64115MP12	90603 90404	33621-076	SY-231M (1/4"NPT)

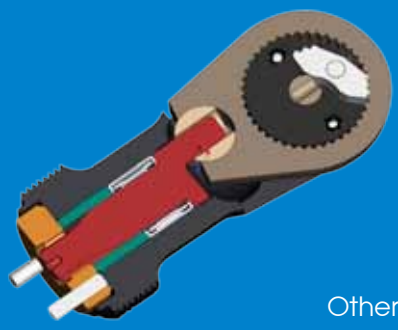
Blow case size (mm) :
510 x 390 x 115 (0.822 cuft)

Super Duty Air Ratchet Wrench



Unique head design: dust free and prevent deformation and triples the life of parts





Other

1. Dust-free design
2. Prevents deformation and triples the life of the parts.

360° exhaust rotation direct air away from working area.

37323 | 37423 | 3/8" & 1/2"

- 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

37323-080, 37323-081(3/8")
37423-080, 37423-081(1/2")

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	
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

CAUTION

Please wear proper safety gear while working.

1. Dust-free design
2. Prevents deformation and triples the life of the parts

37221 1/4" | 37321 3/8" | 37334 3/8" | 37434 1/2"

- Ergonomically enhanced composite handle
- Unique head design: dust free and prevent deformation and triples the life of parts
- Dual pawl design provides higher torque

37221-030, 37221-031
37321-050, 37321-051

37334-080, 37334-081
37434-080, 37434-081

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

Impact Screwdriver

33111 1/4"

Mechanism-hex.twin dog

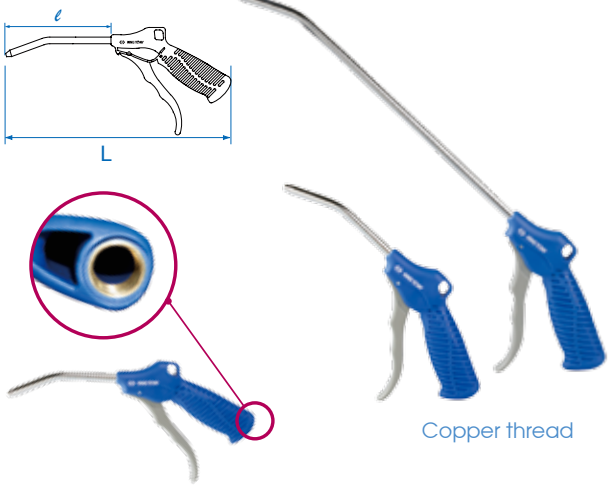
KT NO.	Collect Size inch	Collect Size mm	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net 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

Blow Gun & Set

79900

- 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

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



Air Hose Reel

79910

- Automatic rewind with SK 5-spring steel spring
- 16 teeth gear stop ensure 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 tooth gear design can spread stress evenly and stop returning

1 Bar = 1.01972 kgf/cm²
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	JP	1/4" PT	300	5.2	1 / 4
79910-15	8	12	15	JP	1/4" PT	300	6.5	1 / 4
79911-10	8	12	10	US	1/4" NPT	300	5.2	1 / 4
79911-15	8	12	15	US	1/4" NPT	300	6.5	1 / 4
79912-10	8	12	10	EU	1/4" BSPT	300	5.2	1 / 4
79912-15	8	12	15	EU	1/4" BSPT	300	6.5	1 / 4

Impact Wrench Display Stand

87106

- Applied for 1/2" DR. & 3/4" DR. impact wrench Steel plate with chrome plated air hose adapter attached

Impact Wrench Hook

91451-01A

- 1/4" x19 BSPT

91451-01B

- 1/4" x 18 NPT

Magnetic Holder for Impact Wrench

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)	kg	
9TE31	14-3/16	360	7	15.4	1.3	1 / 10

Anti-vibration Protective Gloves

9TH21 new

- Protection from repetitive impact and vibration of pneumatic tools
- Magnet in back of glove for storing metal parts and fasteners

110 100

18V Li-ion Impact Wrench

44704MP

44704MP01 new 1/2"

- Variable speed reversible switch with electric brake
- High output impact transmission
- Easy release slide battery pack
- LED light indicator
- Battery power indication
- Double injection housing
- Fully metal gearbox

KT NO.	Drive	Voltage	Torque	Unload speed	Suitable country	Contents	kg	
44704MPA	1/2" Square drive	DC18V	Max t orque 850 Nm (625 ft-lb) Working torque 650 Nm (480 ft-lb)	0-2000 rpm	Europe (38122P04A)	38122P02: 2.0Ah x1	2.62	1 / 3
44704MPB					America & Asia (38122P04B)	38122P04: 4.0Ah x1		
44704MPD					Australia & New zealand (38122P04D)	38122P03A x1		
44704MPA01					Europe (38122P03A)	38122P04: 4.0Ah x2	2.65	
44704MPB01					America & Asia (38122P03B)			
44704MPD01					Australia & New zealand (38122P03D)	38122P03 x1		

Battery charging time

Battery			Changer
KT NO.	Voltage	Capacity	38122P03
38122P02	DC18V	2.0 Ah	45 min
38122P04		4.0 Ah	60 min

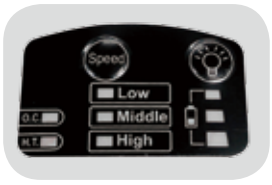
18V Li-ion Brushless Impact Wrench

44604MP

44604MP01 new 1/2"

Brushless motor running without spark

- Torque of brushless motor is higher than brush motor for 20%
- Brushless motor do not have electromagnetic interference
- Extend the life time of battery pack to 2-3 times
- 3-Speed impact power selection
- Battery power indication
- Overloading protection
- Variable speed reversible switch with electric brake
- Easy release slide battery pack
- LED light indicator
- Fully metal gearbox



KT NO.	Drive	Voltage	Torque	Unload speed	Suitable country	Contents		
44604MPA	1/2" Square drive	DC18V	Max torque 400 Nm (295 ft-lb) Working torque 300 Nm (220ft-lb)	0-2700 rpm	Europe (38122P01A)	38122P02: 2.0Ah x2	1.3	1 / 3
44604MPB					America & Asia (38122P01B)			
44604MPD					Australia & New zealand (38122P01D)	38122P01 x1		
44604MPA01					Europe (38122P03A)	38122P04: 4.0Ah x2	1.8	
44604MPB01					America & Asia (38122P03B)			
44604MPD01					Australia & New zealand (38122P03D)	38122P03 x1		

Battery charging time

Battery			Changer	
KT NO.	Voltage	Capacity	38122P01	38122P03
38122P02	DC18V	2.0 Ah	105 min	45 min
38122P04		4.0 Ah	210 min	60 min

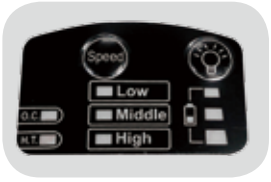
18V Li-ion Brushless Impact Driver

44614MP

44614MP01 new

Brushless motor running without spark

- Torque of brushless motor is higher than brush motor for 20%
- Brushless motor do not have electromagnetic interference
- Extend the life time of battery pack to 2-3 times
- 3-Speed impact power selection
- Battery power indication
- Overloading protection
- Variable speed reversible switch with electric brake
- Easy release slide battery pack
- LED light indicator
- Fully metal gearbox



KT NO.	Drive	Voltage	Torque	Unload speed	Suitable country	Contents		
44614MPA	1/4" (6.35mm) Hex drive	DC18V	Max torque 400 Nm (295 ft-lb) Working torque 300 Nm (220ft-lb)	0-2700 rpm	Europe (38122P01A)	38122P02: 2.0Ah x2 38122P01 x1	1.3	1 / 3
44614MPB					America & Asia (38122P01B)			
44614MPD					Australia & New zealand (38122P01D)			
44614MPA01					Europe (38122P03A)	38122P04: 4.0Ah x2 38122P03 x1	1.8	
44614MPB01					America & Asia (38122P03B)			
44614MPD01					Australia & New zealand (38122P03D)			

Battery charging time

Battery			Changer	
KT NO.	Voltage	Capacity	38122P01	38122P03
38122P02	DC18V	2.0 Ah	105 min	45 min
38122P04		4.0 Ah	210 min	60 min

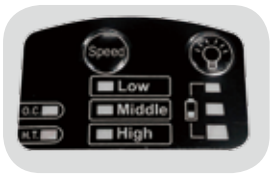
18V Li-ion Brushless Drill Driver

44634MP

44634MP01 new

Brushless motor running without spark

- Torque of brushless motor is higher than brush motor for 20%
- Extend the life time battery pack of to 2-3 times
- 3-Speed setting
- 2 speed gear transmission with selection switch
- 16 torque settings 15 Drive + 1 drill
- Battery power indication
- Overloading protection
- Variable speed reversible switch with electric brake
- High efficient ventilation
- Easy release slide battery pack
- LED light indicator
- Fully metal gearbox



KT NO.	Drive	Voltage	Torque	Unload speed	Suitable country	Contents		
44634MPA	1.5-13mm	DC18V	13.4 Nm (9.88 ft-lb)	L 0~340rpm / H 0~1050 rpm	Europe (38122P01A)	38122P02: 2.0Ah x2 38122P01 x1	1.3	1 / 3
44634MPB					America & Asia (38122P01B)			
44634MPD					Australia & New zealand (38122P01D)			
44634MPA01					Europe (38122P03A)	38122P04: 4.0Ah x2 38122P03 x1	1.9	
44634MPB01					America & Asia (38122P03B)			
44634MPD01					Australia & New zealand (38122P03D)			

Battery charging time

Battery			Changer	
KT NO.	Voltage	Capacity	38122P01	38122P03
38122P02	DC18V	2.0 Ah	105 min	45 min
38122P04		4.0 Ah	210 min	60 min

10.8V Li-ion Impact Driver

44514MP 1/4"

- Variable speed reversible switch with electric brake
- Easy release slide battery pack
- LED light indicator
- Double injection housing
- Ergonomic grip
- Fully metal gearbox

KT NO.	Drive	Voltage	Torque	Unload speed	Suitable country	Contents	kg	
44514MPA	1/4" (6.35mm) Hex drive	DC10.8V	100 Nm (73.75 ft-lb)	0-2400 rpm	Europe (38141P01A)	38141P02: 2.0Ah x2 38141P01: 2.0Ah x1	1	1 / 6
44514MPB					America & Asia (38141P01B)			
44514MPD					Australia & New zealand (38141P01D)			

Battery charging time

Battery			Changer
KT NO.	Voltage	Capacity	38141P01
38141P02	DC10.8V	2.0 Ah	90 min

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.64 | 9-4537MRV #9 P.64

9-4147PRV #10 P.67 | 9-4401MPV #10 P.67 | 9-2565MRV #7 P.63 | 9-4129PRV #7 P.63

9-90119MRV #9 P.65 | 9-1220MRV #9 P.65

9-31124MRV #6 P.61

9-40104GPV #10 P.67 | 9-40113GPV #10 P.67 | 9-90135MRV #10 P.67 | 9-90118PRV #10 P.68

286 PC. Tool Trolley Set

Kg 92.8 CUFT 15.21	934-010MRV (87434-7B P.31)	934-010MRV-G (87434-7B-G P.31)	934-010MRV-B (87434-7B-B P.31)
Kg 98.8 CUFT 15.21	9634-010MRV (87634-7B P.35)	9634-010MRV-G (87634-7B-G P.35)	9634-010MRV-B (87634-7B-B P.35)
Kg 98.5 CUFT 15.4	9934-010MRV (87934-7B P.37)	9934-010MRV-G (87934-7B-G P.37)	9934-010MRV-B (87934-7B-B P.37)
Kg 103.8 CUFT 15.67	9934F-010MRV (87934-7BF P.37)	9934F-010MRV-G (87934-7BF-G P.37)	9934F-010MRV-B (87934-7BF-B P.37)

ALFA ROMEO
Diesel Engine Setting & Locking Set

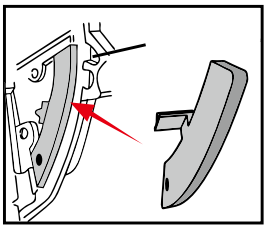
9AT2006E

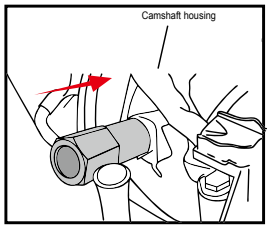
- The set includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engines timing

6 PC. | D | BELT

1359.5 | 1 / 10

CONTENTS :
- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)





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

BMW
Petrol Engine Timing Set

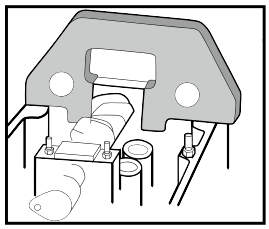
9AT1003E

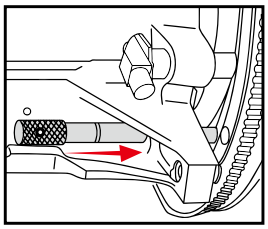
- The set includes camshaft setting plates and a flywheel locking pin
- Suitable for BMW V12 M70 & M73 petrol engine
- Use to lock the camshaft on the correct timing position

3 PC. | P | CHAIN

2189.5 | 1 / 5

CONTENTS :
- A - camshaft setting plate
- B - flywheel locking pin





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

BMW
Petrol Engine Twin Camshaft Setting & Locking Set

9AT1008E

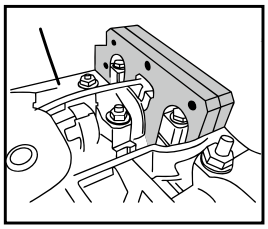
- The set includes timing and VANOS setting / locking tools
- Suitable for BMW petrol 1.8 and 2.0 N42 / N46 (chain) engine
- Use to check / adjust engine timing and remove, install or align VANOS unit

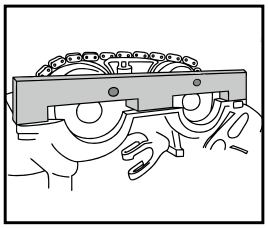
8 PC. | P | CHAIN

3600.5 | 1 / 3

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

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





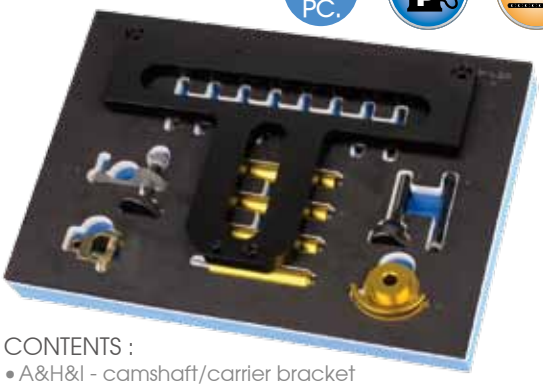
BMW
Petrol Engine Twin Camshaft Setting & Locking Set

9AT1018E

- The set includes camshaft / carrier bracket remover & installer tools
- Suitable for BMW petrol 1.8 and 2.0 N42 / N46 (chain) engine

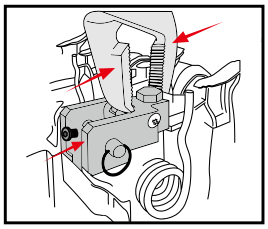
18 PC. | P | CHAIN

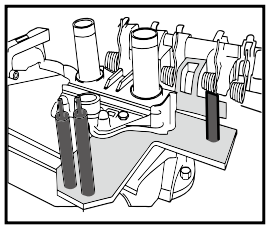
4400.0 | 1 / 3



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.)

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





BMW
Petrol Engine Twin VANOS Service Set

9AT1009E

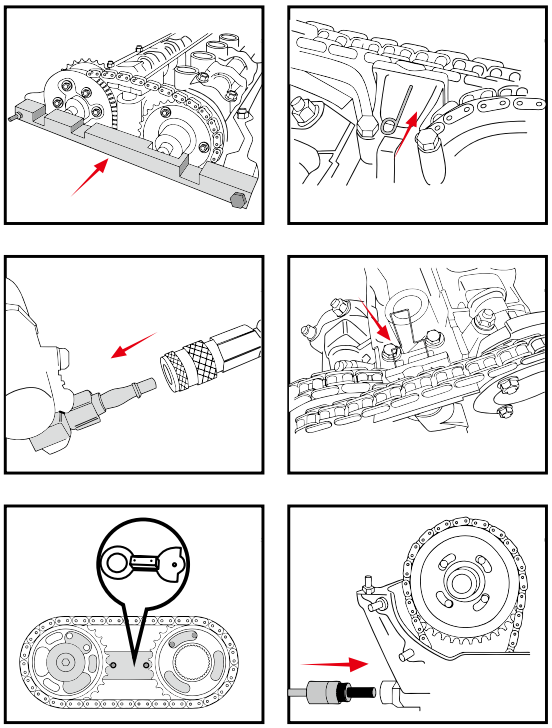
- The set includes compressed air connector, twin VANOS setting tool and sprocket / chain assembly fixture, timing adjustment plate, pre-load tools
- Suitable for setting / locking popular BMW petrol engine
- Use to adjust engine timing and set / lock engine application

5965.7 | 1 / 3

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

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



BMW
Petrol Engine Twin Camshaft Setting & Locking Set

9AT1102E

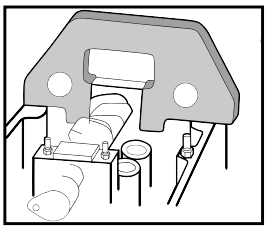
- The set includes camshaft locking plate and flywheel locking pin
- Suitable for M40 engines (also used on the M43 chain driven engine)
- Use to lock the camshaft and crankshaft TDC position to keep their timing relationship while replacing timing belt or carry out other timing belt service

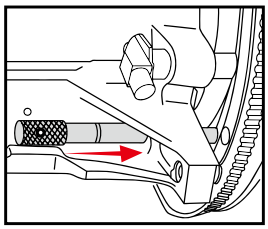
1900.5 / 1 / 10

2 PC. | P | CHAIN

CONTENTS :
- A - camshaft locking plate
- B - flywheel locking pin

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





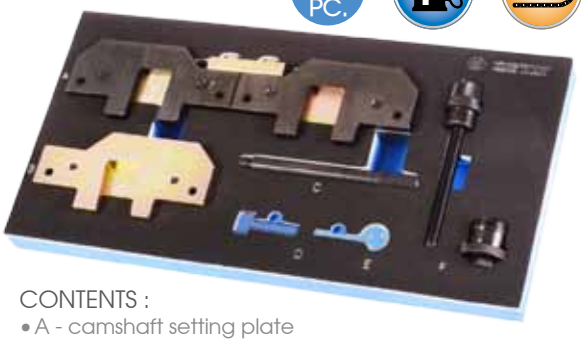
BMW
Petrol Engine 1.8 To 3.0 Twin Cams Setting & Locking Set

9AT1106E

- 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

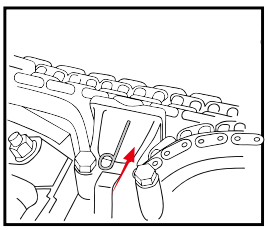
3780.0 / 1 / 5

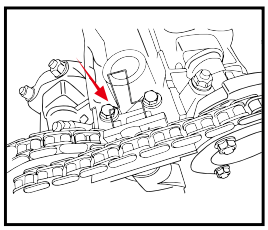
6 PC. | P | CHAIN

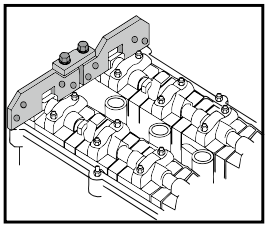


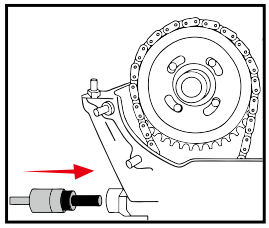
CONTENTS :
- A - camshaft setting plate
- B - timing adjustment plate
- C - flywheel locking pin
- D - tensioner pin (M50)
- E - tensioner pin (M52)
- F - tensioner tool

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:	**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









BMW
Petrol Engine Twin VANOS Service Set

9AT1303E

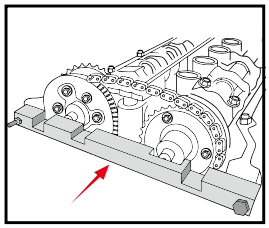
- The set includes compressed air connector, twin VANOS setting tool and sprocket / chain assembly fixture
- Suitable for BMW M52TU, M54 & M56 engines
- Use to adjust engine timing on twin VANOS system (Variable Valve Control) of BMW six cylinder twin camshaft petrol engine
- Suggestion:
  Use with 9AT1106 while using this kit to set / lock application

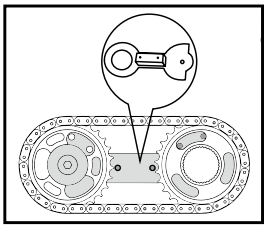
2740.0 | 1 / 5

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

3 PC. | P | CHAIN

CONTENTS :
- A - compressed air connector
- B - sprocket / chain assembly fixture
- C - twin VANOS setting tool





BMW
Petrol Engine Timing Alignment Set

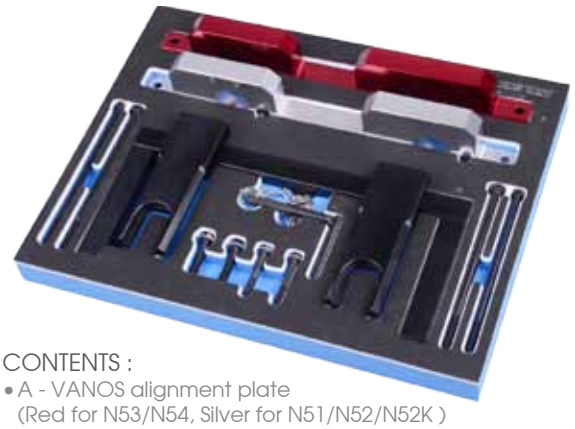
9AT1112E

- 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

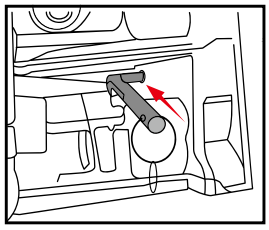
5900.0 | 1 / 3

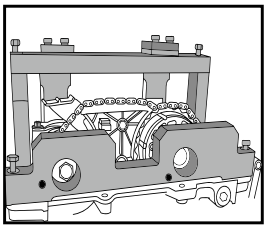
MODEL:	128i. E82 (07-08) 130i. E81/87 (05-08) 135iS. E82 (07-08) 323i. E90/91/92/93 (04-08) 325i/xi. E90/91/92/93 (04-08) 328i/xi. E90/91/92/93 (04-08) 330i/xi. E90/91/92/93 (04-08) 335i/xi. E90/91/92/93 (05-08) 523i/Li. E60/61 (04-08) 525i/Li/xi. E60/61 (04-08) 528i/xi. E60/61 (06-08) 530i/Li/xi. E60/61 (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)

12 PC. | P | CHAIN



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

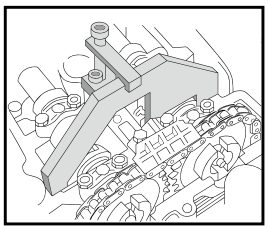
7 PC. | D | CHAIN

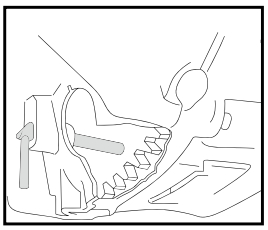
- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft 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

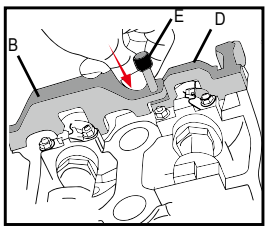
6 PC. | P | CHAIN

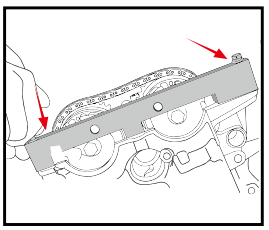
- The set includes VANOS alignment plate, camshaft setting tools, flywheel locking pin and timing chain tensioner pre-load tool
- Suitable for 1.6 BMW, 4 cylinder twin camshaft 16v and chain driven petrol engines with VANOS
- Use to check and adjust engine timing

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

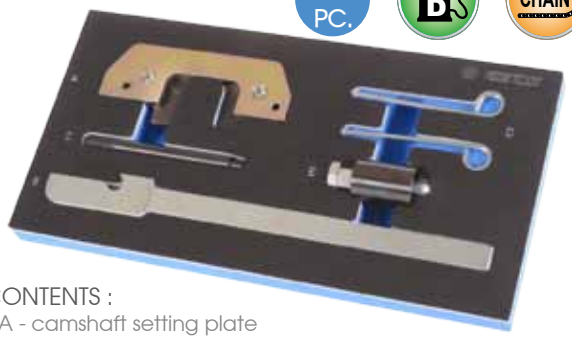
9AT2106E

- 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

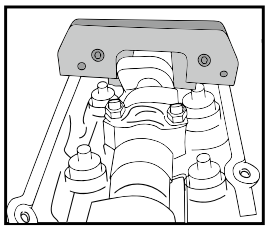
2480.0 g | 1 / 5

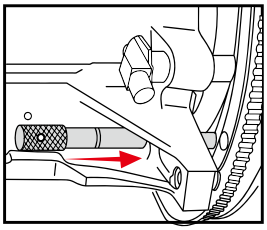
MODEL:	**1.7 2.5td / tds (Chain)** 318tds. E36(94-00) 325td / tds. E36(91-99) 525td / tds. E34(90-00) 725tds. E38(95-02)
ENGINE CODE:	**1.7 2.5td / tds (Chain)** M41 / M51

6 PC. | D | CHAIN



CONTENTS :
- A - camshaft setting plate
- B - tensioner lever
- C - flywheel locking pin
- D - tensioner retaining pin
- E - pump remove & sprocket retainer (2 part)





BMW
Petrol Engine Setting & Locking Set – BMW/PSA

9AT1010E

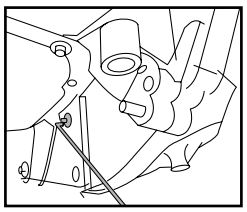
- The set includes camshaft setting tool, crankshaft locking pin & chain tensioner tool
- Suitable for BMW Mini and PSA Peugeot Citroën 1.4/1.6 16v valvetronic direct injection engines
- Use to lock and adjust engine timing

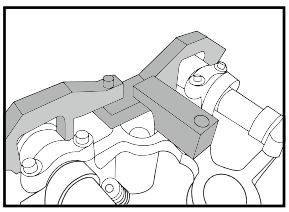
BMW Mini Cooper N12/N14 2383.5 g | 1 / 5

MODEL:	**Mini cooper one** R56 (07-10) **Mini cooper / cooper S** R55/R56 (06-10)
ENGINE CODE:	**N12 1.4/1.6(Valvetronic)** B14AB, B16A **N14 1.6(Direct Injection)** B16A

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





BMW
Diesel Engine Timing Locking Set

9AT2107E

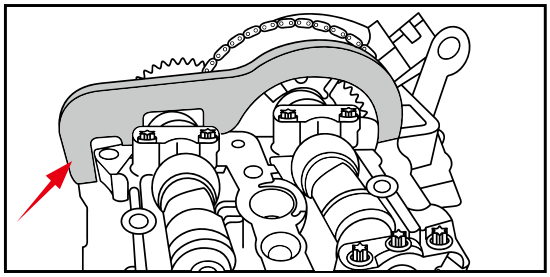
- The set includes camshaft alignment tool, flywheel locking tool, crankshaft pulley turning tool, and also high pressure pump sprocket removal tool
- Suitable for BMW N47 / N47S / N57 2.0 and 3.0 twin camshaft diesel chain drive engine
- Use to set & lock the camshaft and crankshaft when adjusting valve timing on engine correctly

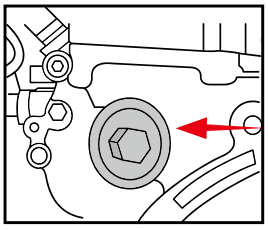
1730.0 1 / 10

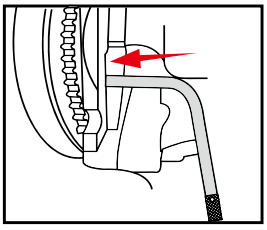
7 PC. | D | CHAIN

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 – high Pressure Pump Sprocket Removal Tool
- E – tensioner Locking Pin







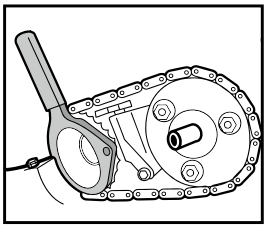
BMW
Petrol Engine VANOS Engagement Wrench

9AT1-A02

- For BMW twin camshaft engines with single VANOS unit mounted on inlet camshaft

297.8 | 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



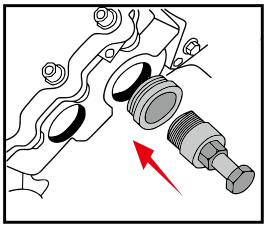
BMW
Diesel Engine Injection Pump Puller

9AT2-D01

- This tool is specifically designed for holding the sprocket / chain in place when disassembling the VP44 injection pump and high pressure pump
- Common rail is fitted to BMW engine

528.0 | 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



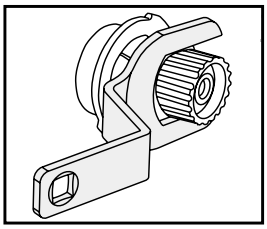
CHEVROLET
Petrol Engine Tension Adjustment Wrench Set (Via Water Pump)

9AT1202

- The set includes 41mm and 46mm tension adjust wrench
- Suitable for Vauxhall / Opel and Chevrolet engine

694.4 | 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)

PSA PEUGEOT CITROËN
Petrol Engine Setting & Locking Set – BMW/PSA

9AT1010E

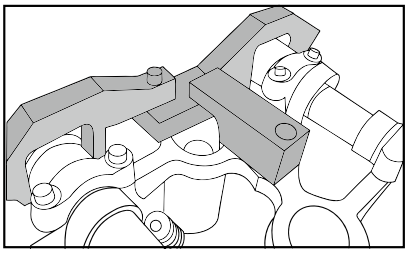
- The set includes camshaft setting tool, crankshaft locking pin & chain tensioner tool
- Suitable for BMW Mini and PSA Peugeot Citroën 1.4/1.6 16v valvetronic direct injection engines
- Use to lock and adjust engine timing

10 PC. | P | CHAIN

BMW Mini Cooper N12/N14 — 2383.5 — 1 / 5

MODEL:	**Citroen** C4(08-11) C4 Picasso(08-13) **Peugeot** 207(06-11) 207CC(07-14) 308(07-14)
ENGINE CODE:	**Citroen** 8FR(EP3) 5FS(EP6) **Peugeot** EP3(8FS) EP6(5FW) EP6DT(5FX) 8FS(EP3) EP6DTS(5FY)

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



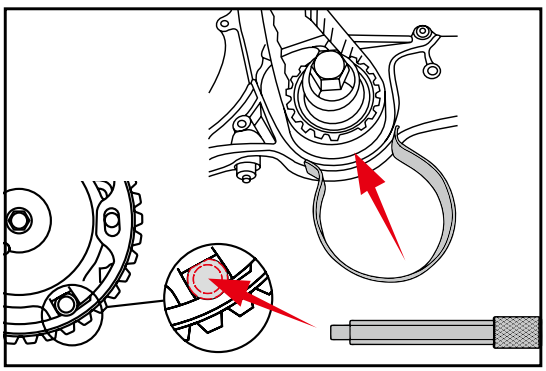
PSA PEUGEOT CITROËN
Petrol Engine Timing Set

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

21 PC. | P | BELT

2163.5 — 1 / 5



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

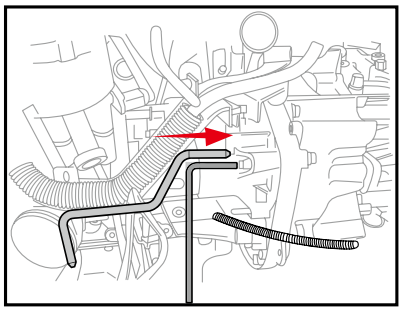
PSA PEUGEOT CITROËN
Diesel Engine Timing Set

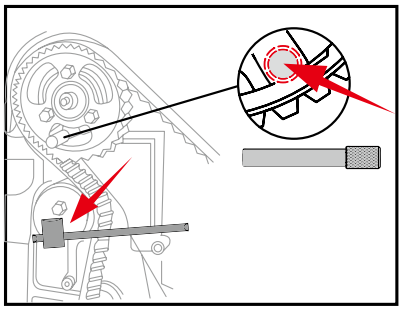
9AT2026E

- 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 new

- 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 | 12 / 120

MODEL:	**2.8D/Tdi/Hdi** Relay / Jumper (01-06) Boxer (00-06)
ENGINE	8140.43 8140.43S 8140.63

D | BELT

A B C

CONTENTS :
- A – TDC Timing Pin
- B – Flywheel Locking Pin (2pc)
- C – Tensioner Retaining Tool

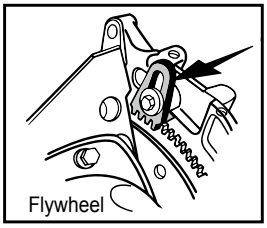
PSA PEUGEOT CITROËN

Petrol & Diesel Engine Flywheel Holding & Locking Tool

9AT3-E02

- The tool is often necessary to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with a high torque loading 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
- This locking tool securely locates in the teeth and fixes to the housing using manufacturer's guidelines
- Suitable for petrol and diesel engine

64.2 | 20 / 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

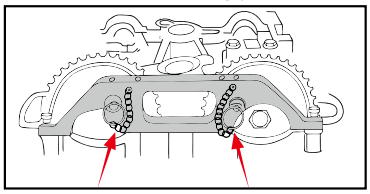
9AT1002E

- 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

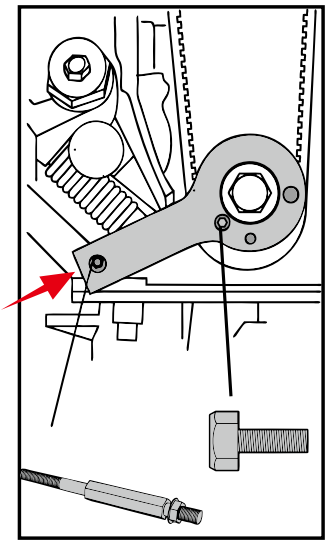
1359.5 | 1 / 10

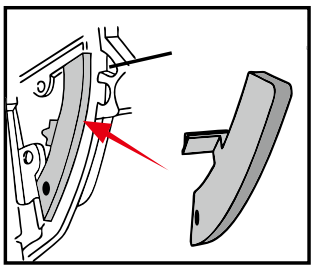
6 PC. | D | BELT

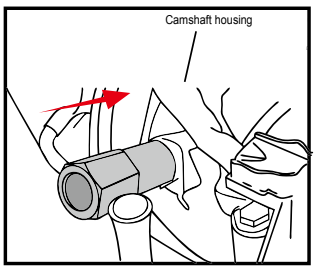
MODEL:	**Diesel** **1.6JTD / 1.9JTD / 2.0JTD / 2.4JTD Multijet(Belt)** Punto (99-06), Grande Punto (05-09) Idea (04-08), Brava/Bravo (98-02) Linea (07-09), New Bravo (07-09) Marea/Weekend (99-03), Stilo (01-06) Croma (05-09), Multipla (99-07) Doblo/Cargo (02-09), Palio Weekend (02-06) Sedici (06-09), 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)







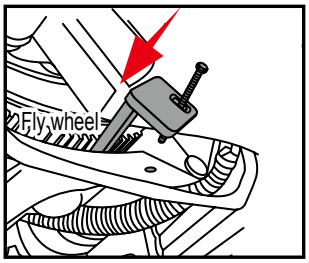
FIAT
Petrol Engine Flywheel Holding Tool

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 g | 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



FIAT
Diesel Engine Setting Tool (Belt Drive)

9AT2-A01 new

- 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 / 2.5DT / 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

CONTENTS :

- A – TDC Timing Pin
- B – Flywheel Locking Pin (2pc)
- C – Tensioner Retaining Tool

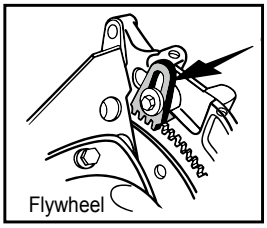
FIAT
Petrol Engine Flywheel Holding & Locking Tool

9AT3-E02

- The set is often necessary to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with a high torque loading 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
- This locking tool securely locates in the teeth and fixes to the housing using manufacturer's guidelines
- Suitable for petrol and diesel engine

64.2 | 20 / 100

MODEL:	**Petrol 1.6 16v. Twin Cams (Belt)** Stilo



FORD
Petrol Engine Twin Camshaft & Diesel Engine Timing Tool Set

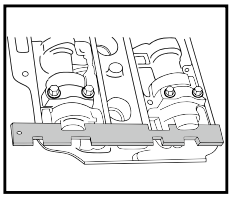
9AT1406E

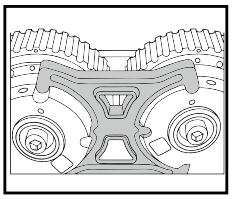
- The set includes VCT setting plate, camshaft setting plate, crankshaft TDC location pin, tensioner locking pin and flywheel locking tools
- Suitable for 16v. Duratec petrol engine of FORD 1.6 Ti-VCT twin camshaft
- Use to adjust VCT timing on inlet and exhaust camshaft during timing belt replacement

1640.0 | 1 / 10

MODEL:	Focus C-Max (03-08) Focus (04-08) Mondeo (07-08)
ENGINE CODE:	HXDA

CONTENTS :
- A&E - flywheel locking tool
- B - camshaft setting plate
- C - crankshaft TDC location pin
- D - tensioner locking pin
- F - VCT setting plate





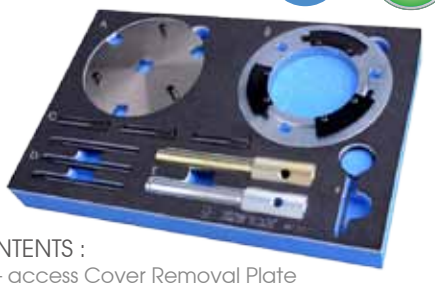
FORD
Diesel Engine Timing and Injection Pump Setting & Locking Set

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 | 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 new

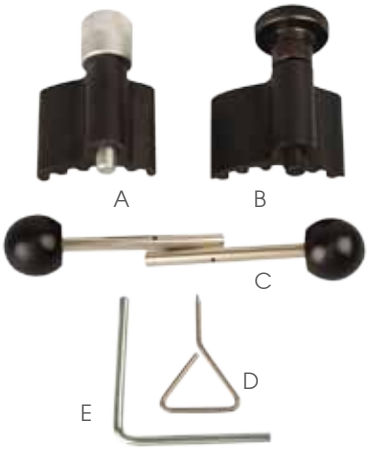
- The set includes crankshaft (oval/round), camshaft and tensioner locking pins
- Suitable for most of general VAG 1.4/1.9/2.0 TDi PD DOHC engines
- Also for Ford Galaxy models engine

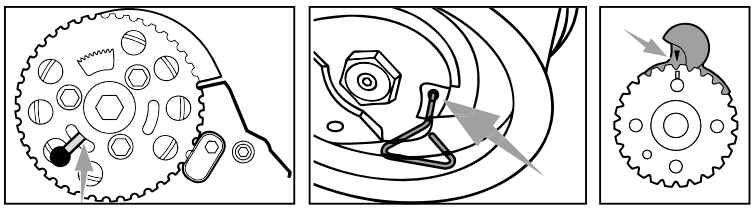
408.2 | 10 / 40

MODEL:	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





FORD

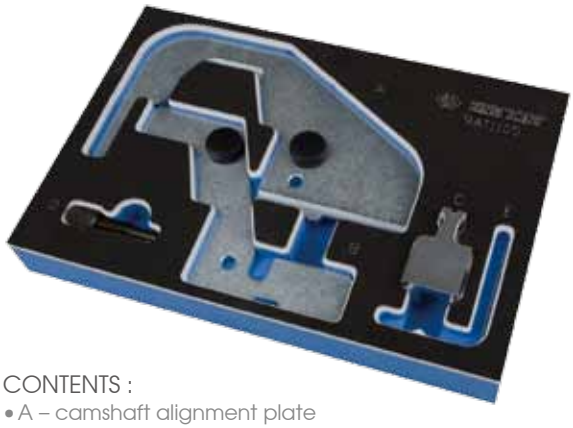
Petrol Engine Timing Set – Ford 2.0 Ecoboost

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**

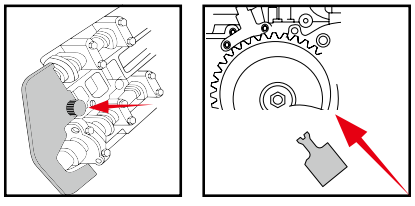
1744.5 | 1 / 10

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

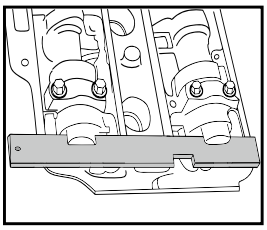
9AT1005E

- 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:

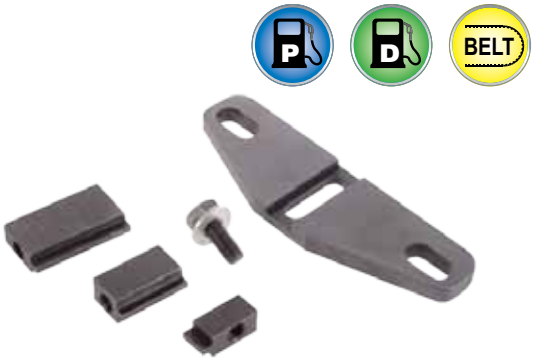
1.25 16v (Belt)
DHA~G, F8JA~B, FUJA~B
M7JA~B, SNJA, STJA
1.4 16v (Belt)
ASDA~B, FHA, FHD~F, FXDA/C, FXDB/D
FXJA~B, SPJA
1.6 16v (Belt)
FYDA/C, FYDB/D, FYJA~B, L1F, L1J, L1L,
L1N, L1Q, L1T, L1V, L1W, HWDA~B
1.7 16v (Belt)
MHA~B
1.8 16v(Belt)
EYDB~G, EYDI~J, EYPA, EYPC, RKA~B
RKF, RKH, RKJ, RKK
1.8 16v(Chain)
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

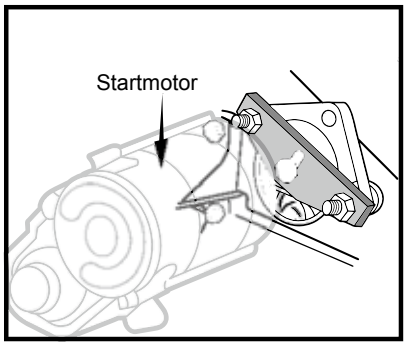
FORD
Petrol & Diesel Engine Flywheel Holding Set

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 g | 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 new

- 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
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

CONTENTS :
- A – TDC Timing Pin
- B – Flywheel Locking Pin (2pc)
- C – Tensioner Retaining Tool

LANCIA
Diesel Engine Setting & Locking Set

9AT2006E

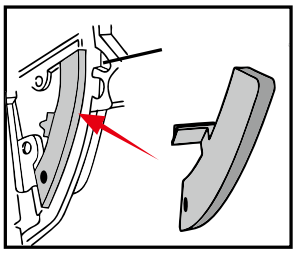
6 PC. | D | BELT

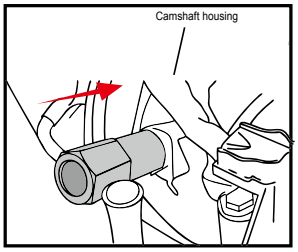
- The set includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engines timing

1359.5 | 1 / 10

MODEL:	**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

CONTENTS :
- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)





LANCIA
Petrol Engine Flywheel Holding Tool

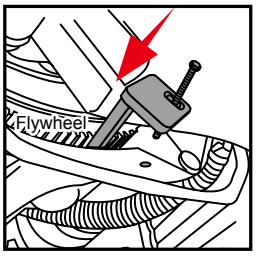
9AT1-E01

P | BELT

- 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:	Delta (96-99) Lybra (99-06)
ENGINE CODE:	182A4.000 182A6.000



LAND ROVER
Diesel Engine 2.0 / 3.0 Timing Set

9AT2007E

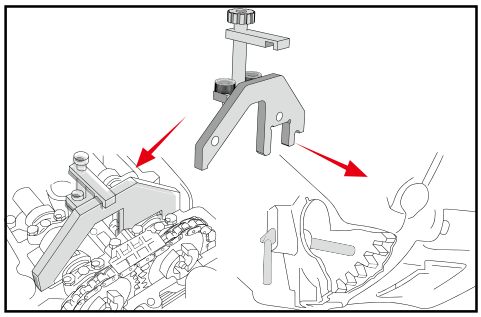
7 PC. | D | CHAIN

- 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:	**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



LAND ROVER
Diesel Engine 2.5TDS Timing Set

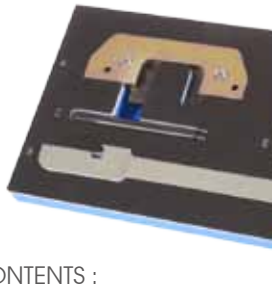
9AT2106E

6 PC. | D | CHAIN

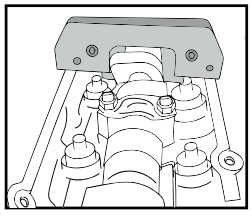
- The set includes camshaft setting plate, tensioner lever, tensioner retaining pin, flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engines
- Use to retain and support the sprocket and timing chains in position when the pump is removed

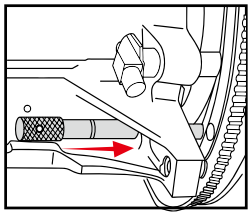
2480.0 g | 1 / 5

MODEL:	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)



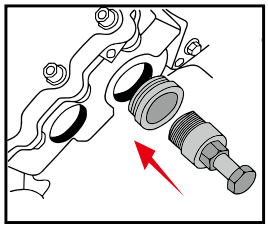


LAND ROVER
Diesel Injection Pump Puller

9AT2-D01

- This tool is specifically designed for holding the sprocket / chain in place when disassembling the VP44 injection pump and high pressure pump
- Common rail is fitted to BMW engine

528.0 | 6 / 36



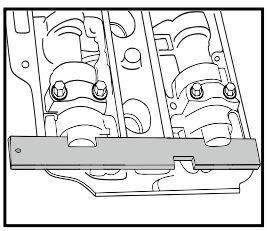
MODEL:	Freelander (00-06) Td4 (2.0d) Range Rover (02-06) Td6 (3.0d)
ENGINE CODE:	204D3 / Td4 (2.0 M47:BMW) 306D1 / Td6 (3.0 M57 : BMW)

MAZDA
Petrol Engine Timing Locking Set

9AT1005E

5 PC.

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. (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

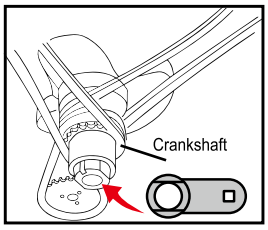
- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

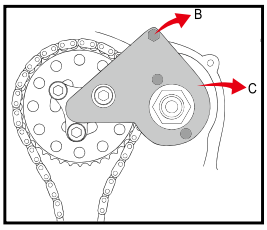
8 PC. D CHAIN

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, 446, 760 761, 780, 802, 803, 805, 830, 832, 833

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





RENAULT
Petrol Engine Timing Locking Set-2.0 16V IDE - F5R

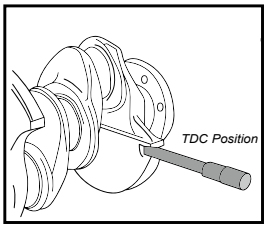
9AT1-A03

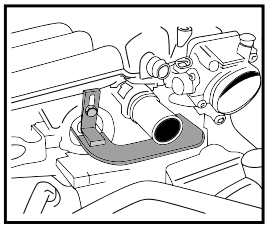
- The set includes crankshaft timing pin and camshaft setting plate, to aid timing belt replacement
- Suitable for Renault 2.0 IDE twin cam petrol engines found in Laguna and Megane vehicles

P BELT

510.6 10 / 30

MODEL:	Megane (99-03) Laguna II (01-05)
ENGINE CODE:	F5R700, 701, 740





RENAULT
Diesel Engine Setting Tool (Belt Drive)

9AT2-A01 new

- 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 | 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

CONTENTS :
- A – TDC Timing Pin
- B – Flywheel Locking Pin (2pc)
- C – Tensioner Retaining Tool

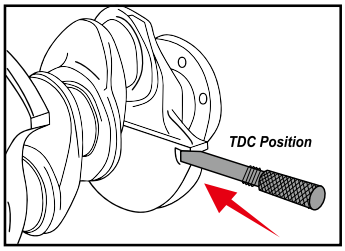
RENAULT
Petrol & Diesel Engine Timing Set(dCi Engines)

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

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



CONTENTS :
- A - crankshaft Locking Pin
- B - TDC Timing Pin
- C - camshaft/Crankshaft Locking Pin

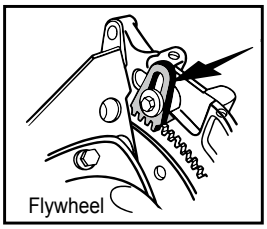
RENAULT
Petrol & Diesel Engine Flywheel Holding & Locking Tool

9AT3-E02

- The tool is often necessary to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with a high torque loading 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
- This locking tool securely locates in the teeth and fixes to the housing using manufacturer's guidelines
- Suitable for petrol and diesel engine

64.2 | 20 / 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

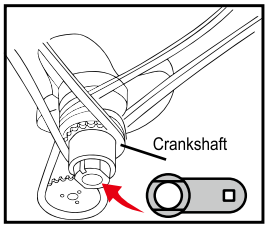
9AT2008E

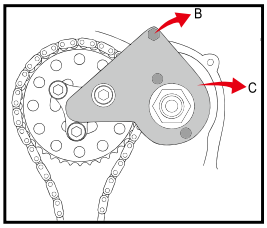
- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

2375.5 | 1 / 5

MODEL:	Primastar (08-09) Qashqai (08-09) X-Trail (07-08)
ENGINE CODE:	**M9R** 780, 830, 832, 833

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





ROVER
Diesel Engine 2.0 / 3.0 Timing Set

9AT2007E

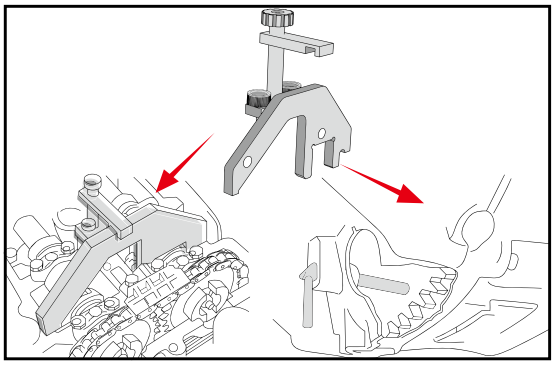
- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

1752.5 / 1 / 10

MODEL:	**Diesel (chain)** **Rover** 75 (99-05) **MG** MG ZT (01-05)
ENGINE CODE:	**Diesel (chain)** M47R (BMW)

7 PC. | D | CHAIN

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

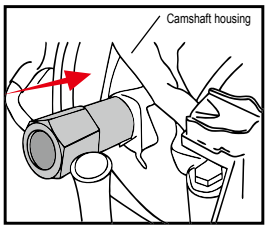
- The set includes crankshaft locking tool, camshaft setting tools(pair) and a tensioner locking pin
- Suitable for Saab, Vauxhall / Opel engine
- Use to set and lock engines timing

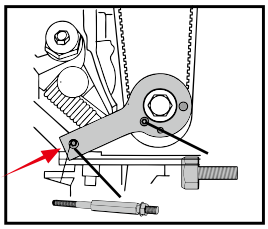
1295.0 / 1 / 10

MODEL:	**Diesel 2.2D TiD** 9-3 (98-04), 9-5 (02-06)
ENGINE CODE:	**Diesel 2.2D TiD** Z19DT / Z19DTH

5 PC. | D | BELT

CONTENTS :
- A&D - crankshaft locking tools
- B - camshaft setting tool (pair)
- C - tensioner locking pin





SUZUKI
Petrol Engine Setting & Locking Set

9AT1004E

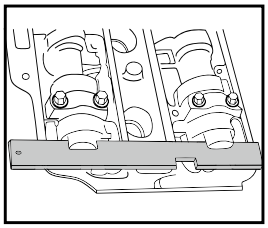
- The set includes camshaft setting plate, crankshaft locking pin, chain tensioner locking pin and also camshaft sensor aligning bracket
- The bracket is used to position the timing sensor disc on the inlet camshaft

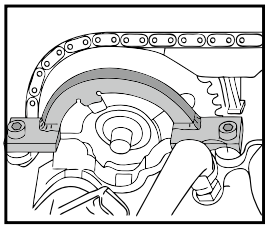
1316.5 g | 1 / 10

MODEL:	**Petrol 1.0 / 1.2 (Chain)** Wagon R+ (05-08)
ENGINE CODE:	**Petrol 1.0 / 1.2 (Chain)** Z10XEP Z12XEP

4 PC. | P | CHAIN

CONTENTS :
- A - camshaft sensor aligning bracket
- B - crankshaft locking pin
- C - camshaft locking tool
- D - tensioner retaining pin





SUZUKI
Diesel Engine Setting & Locking Set

9AT2004E

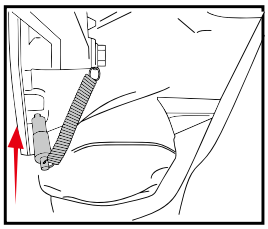
- The set includes flywheel locking pin, camshaft setting tools, tensioner locking pin
- Use to retain timing position only. DO NOT use them to hold camshafts in position while releasing or tightening the sprocket bolts

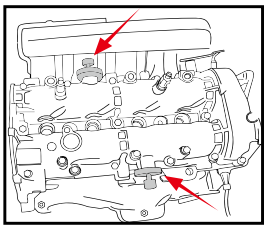
1100.5 g | 1 / 10

MODEL:	**Diesel 1.3 DDiS (Belt)** Swift (04-09) Ignis (03-09) Wagon R+ (03-08)
ENGINE CODE:	**Diesel 1.3 DDiS (Belt)** Z13DT

4 PC. | D | BELT

CONTENTS :
- A– camshaft setting tool set (pair)
- B– flywheel locking pin
- C– tensioner retaining pin





VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Front End Support Guide Set

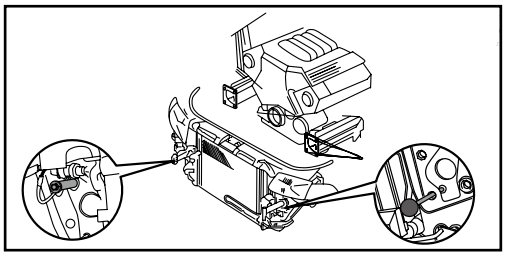
9AT1006E

- The set includes 8mm, 10mm and 17mm support guides
- Suitable for almost all VW Group models
- Use to extend the front panel of vehicles, so it can provide more space in engine compartment while carrying out various service applications

1420.5 / 1 / 10

6 PC.

CONTENTS :
- A - support guides 8mm (pair)
- B - support guides 10mm (pair)
- C - support guides 17mm (pair)



MODEL:
Audi
A4, A5, A6, A8
Volkswagen
Lupo, Polo, Beetle, Golf/Bora, Passat
Touran, Sharan, Phaeton, Touareg, **Seat**
Ibiza / Cordoba, Arosa, Leon, Toledo
Alhambra, Altea

VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Twin Camshaft Setting & Locking Set - VAG 1.4 / 1.6 FSi (Chain)

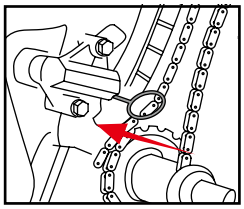
9AT1103E

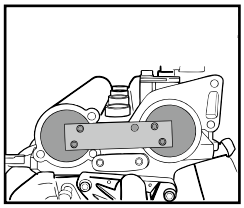
- The set includes camshaft setting plate, TDC position tool (with DTI) and tensioner locking pin
- 9AT1103 'B' TDC positioning tool has to use with 9AT3-F01(not included in this set)

3 PC. | P | CHAIN

1456.0 / 1 / 10

CONTENTS :
- A - camshaft setting plate
- B - TDC position tool (with DTI)
- C - tensioner locking pin





MODEL:
Audi
A3 (03-07)
Volkswagen
Polo (02-08), Golf (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

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

2037.2 1 / 5

12 PC. | P | D | CHAIN | BELT

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)

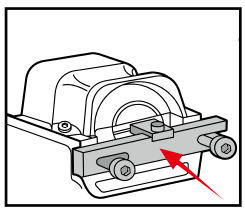
ENGINE CODE:

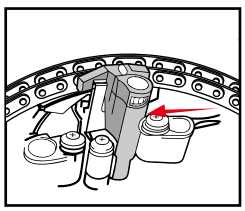
PETROL :
1.6
1F, ABM, ADA, ADP, AEH, AEK, AFT,
AHL, AKL, AKS, ALZ, ANA, APF, ARM,
AVU, AYD, BFQ, BFS, BFQ, BGU, BSE, BSF
1.8
ABS, ADR, ADZ, AGN, AJP, APG, APT, APX,
ARG
1.8T
AEB, AGU, AJH, AJL, AJQ, AMK, ANB,
APP, APU, APY, AQA, AQX, ARX, ARY, ARZ,
AUM, AVC, AWC, AWT, AWU, AUQ, AYP,
BAM
1.8 16v
ADL
2.0
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

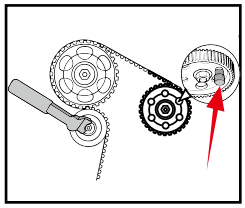
DIESEL :
1.7 SDi
AHB, AHG, AKU, AKW
1.9D/Turbo
1Y, AAZ, ABL, AEF
1.95 SDi
AEF, AEY, AGD, AGP, AQM, ASX, ASY, AYQ
1.9TDi
1Z, AAZ, AFF, AFN, AGR, AHF, AHH,
AHU, ALE, ALH, ASV, AVG

- 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 Setting & Locking Set

9AT1104E

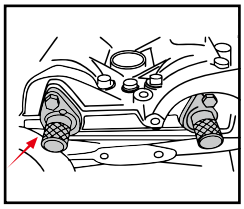
- The set includes a camshaft setting tool set (pair), camshaft setting tool and a flywheel locking pin
- Suitable for VW Group 1.2 engine range
- Use to adjust valve timing

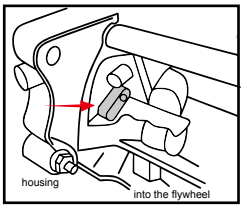
1291.0 | 1 / 10

MODEL:	**Seat** A3 (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)** AZQW, BME

4 PC. | P | CHAIN

CONTENTS :
- A - camshaft setting tool set (pair)
- B - flywheel locking pin
- C - camshaft setting tool





VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Timing Set

9AT1306E

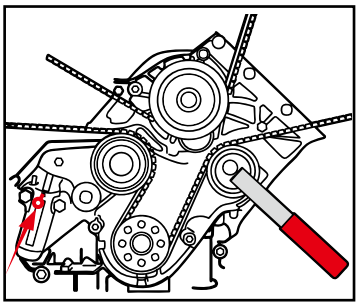
- The set includes camshaft setting plate, camshaft sprocket adjusting tool, tensioner adjusting tool, tensioner locking pin and crankshaft locking pin
- Suitable for Audi VAG 3.0 V6 petrol engine
- Use to replace timing belt and carry out timing tensioner applications

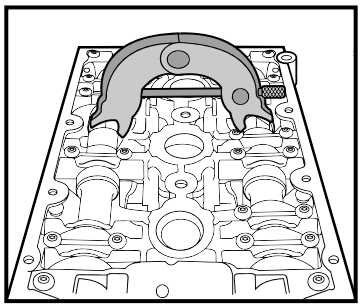
3667.5 | 1 / 5

MODEL:	**Audi** A4 (01-08), A6 (01-08), A8 (03-08) Cabrio (03-08)
ENGINE CODE:	ASN, AVK, BBJ

6 PC. | P | BELT

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

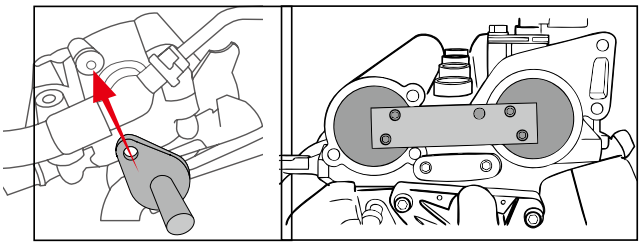
- The set includes dial & TDC indicator and camshaft setting tool
- Suitable for 1.2/1.4T FSi and 1.4/1.6 FSi engines
- Use to check and adjust engine timing

1856.0 / 1 / 10

6 PC. | CHAIN

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.)

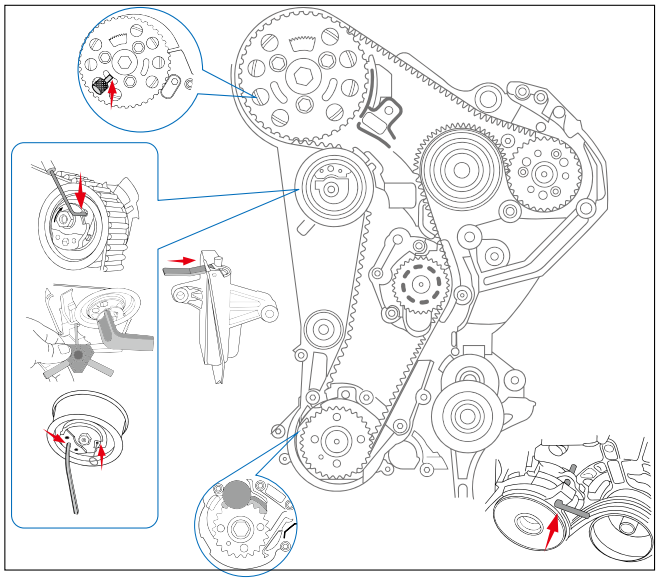
12 PC. | D | BELT

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), Passa (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, BE, BVF, BVG, BVH, BWV **1.9TDi PD (Ford)** ANZ, ASZ, AUY



VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

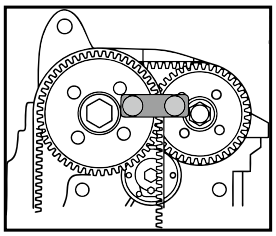
Petrol Engine Camshaft Sprocket Holding Tool

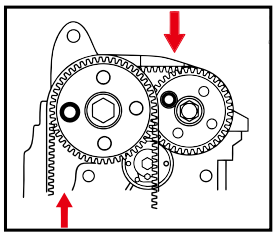
9AT1-A01

- 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





VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

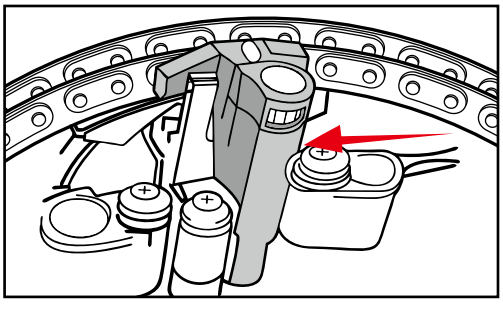
Petrol Engine Chain Tensioner Retainer

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

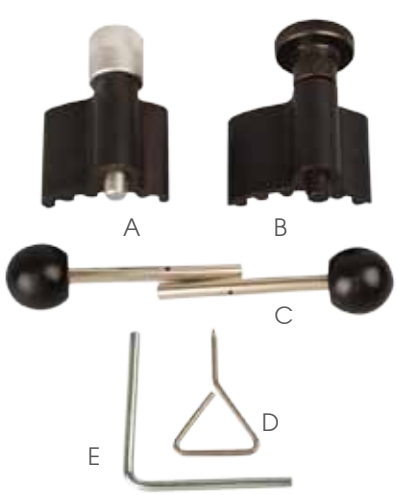


VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT
Diesel Engine Setting/Locking Tool (Belt Drive)

9AT2-C01 new

- 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

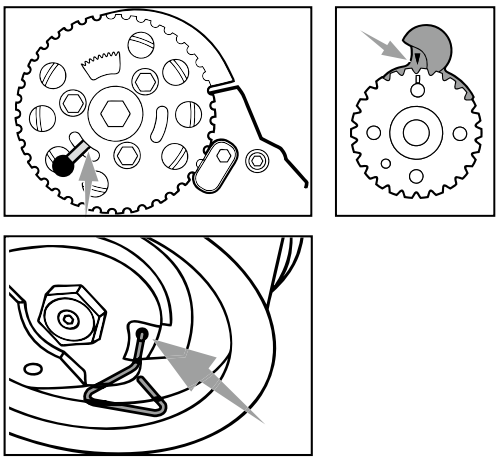
408.2 | 10 / 40



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

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



VAUXHALL/OPEL
Petrol Engine Setting & Locking Set

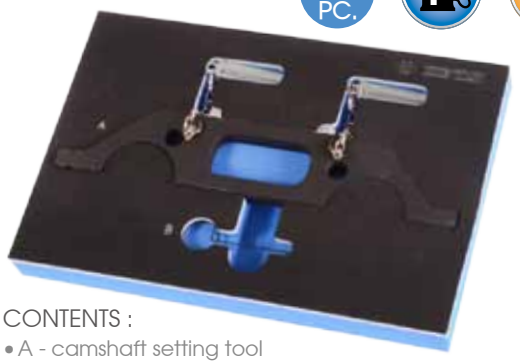
9AT1002E

- 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

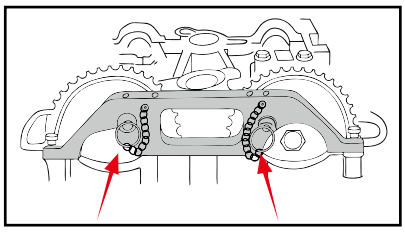
1510.0 | 1 / 10

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

2 PC. | P | CHAIN



CONTENTS :
- A - camshaft setting tool
- B - tensioner retaining pin



VAUXHALL/OPEL
Petrol Engine Setting & Locking Set

9AT1004E

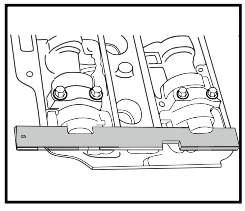
- The set includes camshaft setting plate, crankshaft locking pin, chain tensioner locking pin and also camshaft sensor aligning bracket
- The bracket is used to position the timing sensor disc on the inlet camshaft

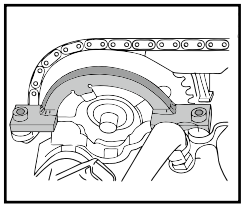
1316.5 | 1 / 10

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

4 PC. | P | CHAIN

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

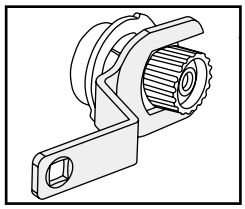
694.4 | 6 / 24

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

2 PC. | P | D | CHAIN



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

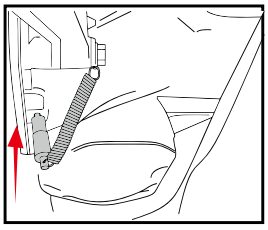
1100.5 | 1 / 10

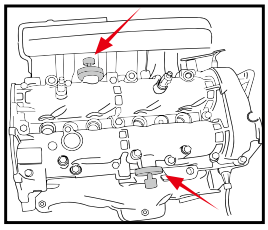
MODEL:
Diesel 1.3D CDTi (Chain)
Agila (03-08), Agila-B (08-09)
Corsa / Combo-C (03-09), Corsa-D (08-09)
Tigra-B(04-09), Meriva (04-09)
Astra-H (05-09)

ENGINE CODE:
Diesel 1.3D CDTi (Chain)
Z13DT, Z13DTH, Z13DTJ

4 PC. | D | CHAIN

CONTENTS :
- A - camshaft setting tool set (pair)
- B - flywheel locking pin
- C - tensioner retaining pin





VAUXHALL/OPEL
Diesel Engine Setting & Locking Set

9AT2005E

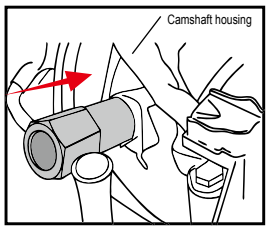
- The set includes crankshaft locking tool, camshaft setting tools(pair) and a tensioner locking pin
- Suitable for Saab, Vauxhall / Opel engine
- Use to set and lock engines timing

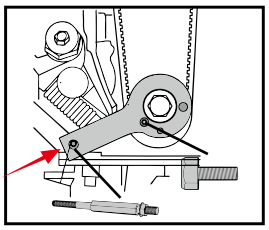
5 PC. | D | BELT

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

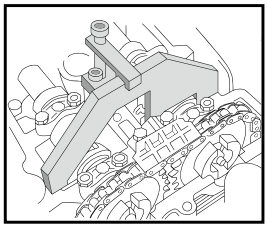
- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

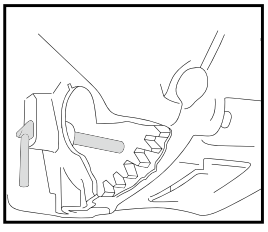
7 PC. | D | CHAIN

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

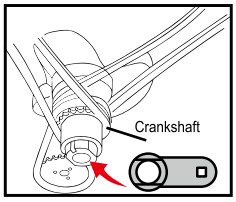
2375.5 / 1 / 5

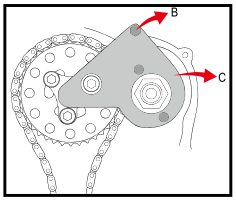
MODEL: Vivaro (07-08)

ENGINE CODE: **M9R** 780/782/784

8 PC. | D | CHAIN

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

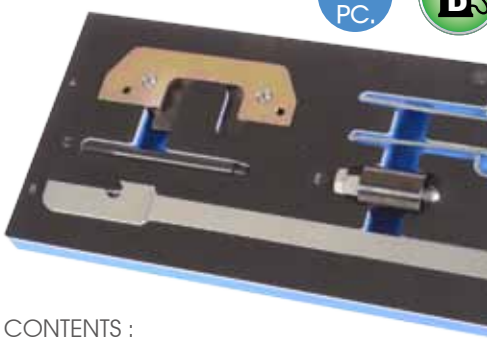
- The set includes camshaft setting plate , tensioner lever , tensioner retaining pin , flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engines
- Use to retain and support the sprocket and timing chains in position when the pump is removed

2480.0 / 1 / 5

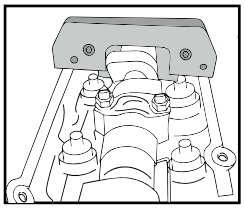
MODEL: Omega-B (94-01)

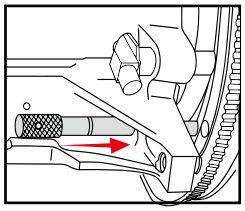
ENGINE CODE: **2.5D Turbo (Chain)** X25DT

6 PC. | D | CHAIN



CONTENTS :
- A – camshaft setting plate
- B – tensioner lever
- C – flywheel locking pin
- D – tensioner retaining pin
- E – pump remove & sprocket retainer (2 part)





VAUXHALL/OPEL
Diesel Engine Setting Tool (Belt Drive)

9AT2-A01 new

- 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 | 12 / 120

MODEL:	**2.5D / 2.8D** Arena (97-01) Movano (98-03)
ENGINE CODE:	**S8U** 770, 772 **S9W** 700, 702

CONTENTS :
- A – TDC Timing Pin
- B – Flywheel Locking Pin (2pc)
- C – Tensioner Retaining Tool

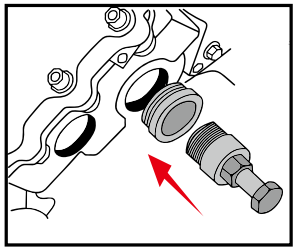
VAUXHALL/OPEL
Diesel Injection Pump Puller

9AT2-D01

- This tool is specifically designed for holding the sprocket / chain in place when disassembling the VP44 injection pump and high pressure pump
- Common rail is fitted to BMW engine

528.0 | 6 /36

MODEL:	Omega - B (01-03)
ENGINE CODE:	Y25DT



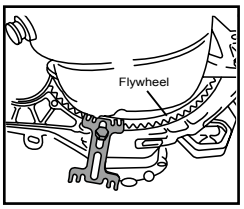
VAUXHALL/OPEL
Flywheel Holding & Locking Tool

9AT2-E01

- Use to remove the crankshaft pulley while replacing the timing belt
- Put into the teeth firstly, use manufacturer's guidelines to fix steadily on the housing

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



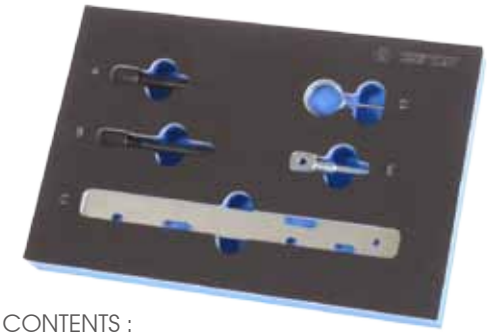
VOLVO
Petrol Engine Timing Locking Set

9AT1005E

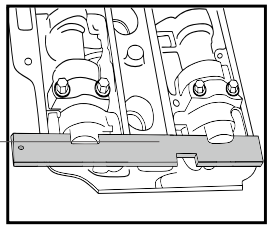
- The set includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application

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)



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)

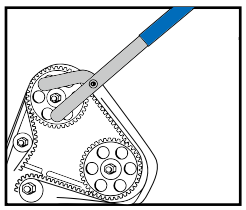


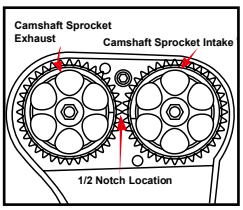
UNIVERSAL
Camshaft & Injection Pump Sprocket Holding Tool

9AT3-A01

- Use to counter hold camshaft or injection pump sprocket to allow release of retaining bolt
- Essential tool called for on many timing belt / engine timing applicator
- For universal diesel and petrol engine

911.6 / 6 / 24





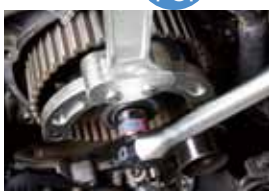
UNIVERSAL
Universal Camshaft Pulley Holding Wrench

9AT3-A02

- Use to hold camshaft pulley while loosening and tightening cam sprockets center bolt
- Design 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.

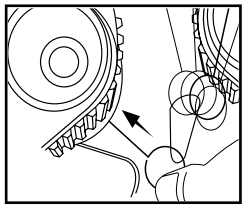


UNIVERSAL
Belt Tensioner Lock Pin Set

9AT3-B01

- The 6 PC. of Spring Steel Pins (0.79 to 1.92mm) is for retaining tensioner plunger in fixed position while replacing timing belt
- Suitable for common vehicle and engine

17.2 / 20 / 100



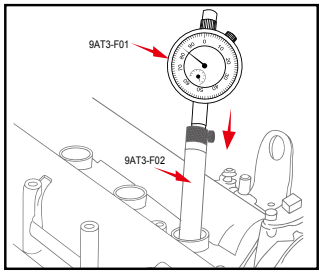
CONTENTS :
- 0.79mm / .0310"
- 1.21mm / .0476"
- 1.41mm / .0560"
- 1.51mm / .0594"
- 1.71mm / .0670"
- 1.92mm / .0760"

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

63.0 / 1 / 100

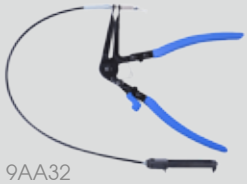


UNIVERSAL
TDC Indicator

9AT3-F02

- Use to measure if the cylinder piston at TDC position
- This tool has to use with Dial Test Indicator 9AT3-F01

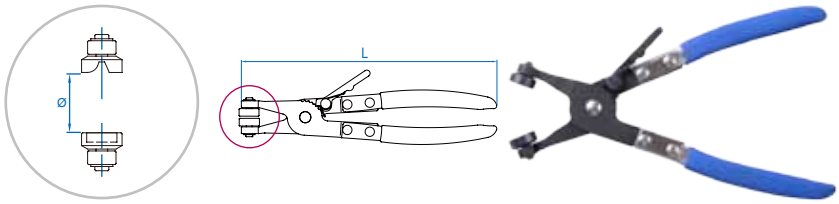
292.4 / 30 / 30

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 jaw easy to hold clamp in position
- Suitable for universal cars, especially VW, Audi, Opel, Honda, Ford

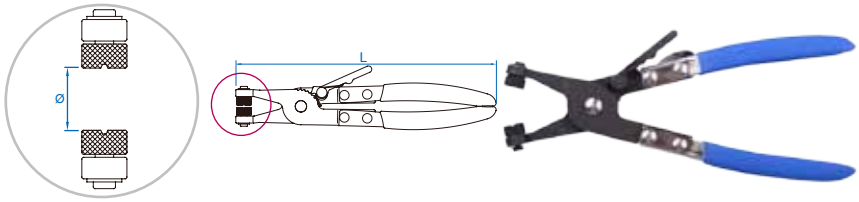


KT NO.	Ø mm	L inch	L mm	g	
9AA11	55	8-21/32	220	220.1	12 / 72

Wire Hose Clamp Pliers

9AA13

- Use to remove and install wire clamp
- Swivel + Jaw easy to hold clamp in position
- Suitable for universal cars, especially Corbin heater hose

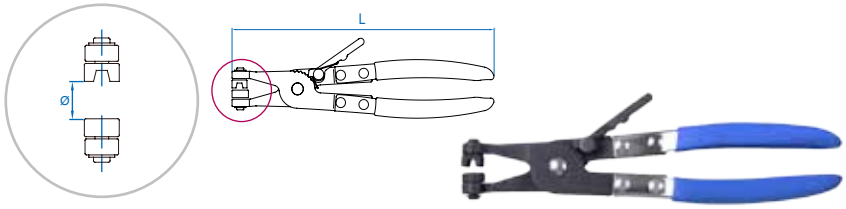


KT NO.	Ø mm	L inch	L mm	g	
9AA13	51	8-21/32	220	238.4	12 / 72

Flat Band Hose Clamp Pliers

9AA16

- Use to remove and install spring clamp
- Swivel concave Jaw easy to hold clamp in position
- Suitable for universal cars, especially VW, Audi, Opel, Honda, Ford

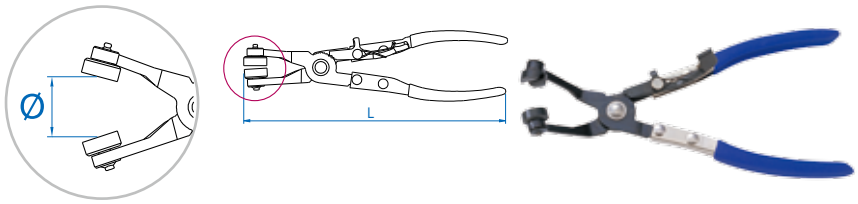


KT NO.	Ø mm	L inch	L mm	g	
9AA16	60	8-21/32	220	213.0	12 / 72

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



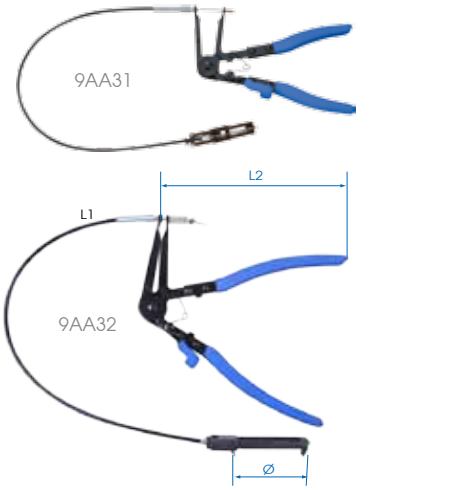
KT NO.	Ø mm	L inch	L mm	g	
9AA21	53	8-21/32	220	224.0	12 / 48

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

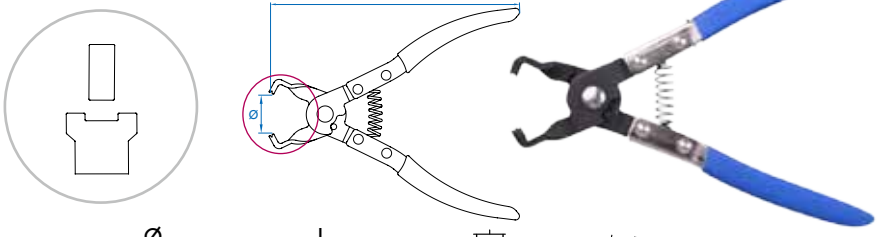


KT NO.	Ø mm	L 1 inch	L 1 mm	L 2 inch	L 2 mm	g	
9AA31	53	25	630	9	225	528.0	12 / 36
9AA32	77	27-1/4	700	12	310	755.6	6 / 24

Fuel Line Hose Clamp Pliers

9AA17

- Use to remove and install fuel line clamp
- Special pick jaw easy to hold clamp in position
- Suitable for VW, Audi, SEAT, Skoda

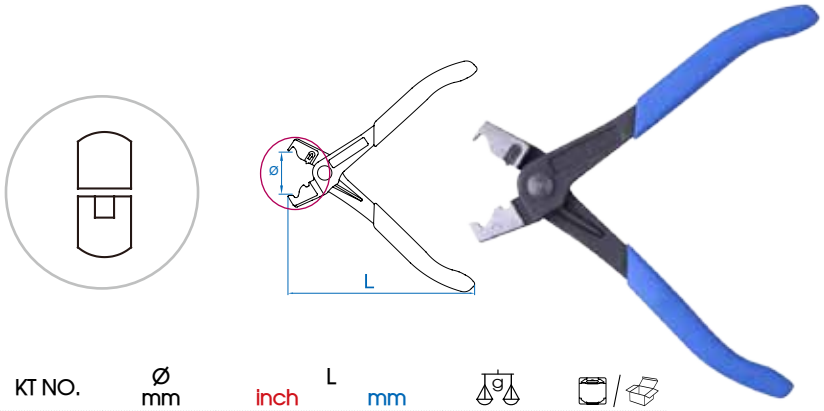


KT NO.	Ø mm	L inch	L mm	g	
9AA17	27	6-3/4	171	188	12 / 60

CLIC Hose Clamp Pliers

9AA15

- Use to remove and install CLIC and CLIC-R clamp
- Special jaw easy to hold clamp in position
- Suitable for VW, Audi, Opel, Citroen, Peugeot, Fiat, Renault, Mercedes-Benz

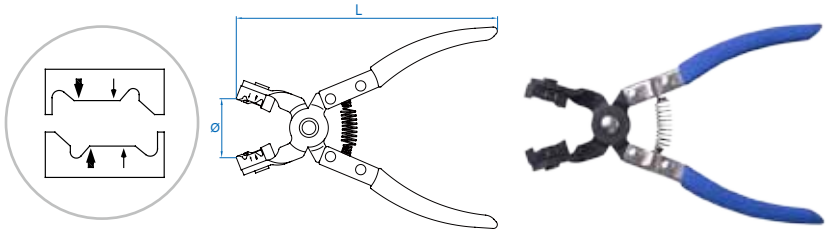


KT NO.	Ø mm	L inch	L mm	g	pcs / box
9AA15	36	5-19/32	142	222.6	12 / 48

360° CLIC Hose Clamp Pliers

9AA25

- Use to remove and install CLIC and CLIC-R clamp
- 360° swivel angle jaw easy to hold clamp in position
- 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

Flexible Nut Spinner

1453

- Shank material - chrome vanadium alloy steel
- Grip material - PP + TPR
- Shank finishing - chrome plated
- Use to remove and install hose clamp of common cars, especially for BMW & Audi

KT NO.	mm	mm	mm	mm	g	pcs / box
1453-05	5	9	190	300	136	12 / 144
1453-06	6	9	190	300	135	12 / 144
1453-07	7	9.3	190	300	134	12 / 144
1453-08	8	9.5	190	300	133	12 / 144
1453-10	10	9.5	190	300	132	12 / 144

Hose Clamp Pliers Set

9AA01

- This comprehensive set can be applied 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

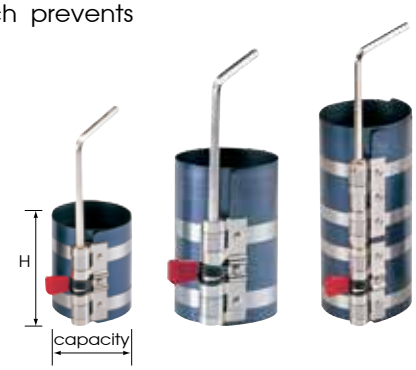
- For removal and replacement of the connections on the in-line fuel filter
- Use for VW, PSA , Fiat, Opel

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

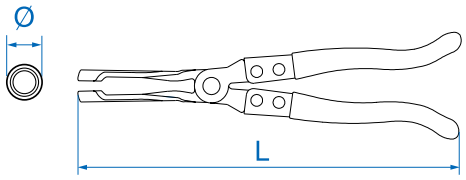


KT NO.	H inch	H mm	Ø Capacity inch	Ø Capacity mm		
9AC125-32	3-1/4	80	2-1/4~5	57~125	260.0	1 / 60
9AC125-40	4	100	2-1/4~5	57~125	280.0	1 / 60
9AC175-32	3-1/4	80	3-1/2~7	90~175	300.0	1 / 60
9AC175-40	4	100	3-1/2~7	90~175	320.0	1 / 60
9AC175-66	6-3/4	165	3-1/2~7	90~175	530.0	1 / 40

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

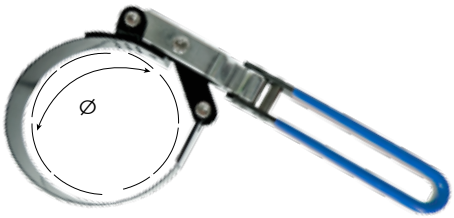


KT NO.	L inch	L mm	Ø mm		
9AD11	11	275	9.5	400.0	12 / 48

Swivel Oil Filter Wrench

9AE31

- Professional Swivel PVC dipped handle
- Easy to bend in different position for reaching narrow space



KT NO.	Ø Capacity mm		
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 and control knob makes grip tight
- Suitable for filters between Ø65mm to Ø155mm

KT NO.	Ø Capacity mm		
9AE32-110	65~110	246.0	25 / 50
9AE32-155	110~155	251.6	25 / 50

Quick Grip Oil Filter Wrench

9AE33

- Quickly 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

Quick Grip Oil Filter Wrench Set

9AE33-110-S

KT NO.	Contents	kg	
9AE33-110-S	9AE33-110	2.70	1 / 2

9AE33-155-S

KT NO.	Contents	kg	
9AE33-155-S	9AE33-155	2.70	1 / 2

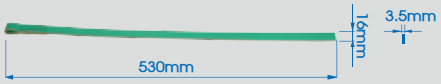
Strap Wrench

3203

- Strap wrench for oil filter

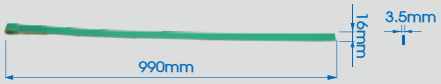
KT NO.	Capacity mm	Overall length inch	Overall length mm	g	
3203	Ø 60~140	8-3/4	223	242.0	50
3203A0	Ø 60~260	8-3/4	223	300.0	50

- Strap for 3203



320300 g 43 80

- Strap for 3203A0



320301 g 73 80

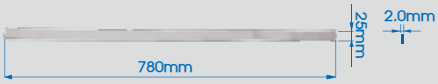
Strap Wrench

320670 new

- Aluminum alloy handle and strong nylon strap for tight grip
- Suitable for oil filter or any polished pipe

Serrated makes grip tight

- Nylon strap for 320670



320600 34.6 50

KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
320670	12"	295	Ø 60~180	343.8	50

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

3205

- Heavy duty oil filter chain wrench, special for auto, truck and agricultral equipment
- Flexible in confined space
- Suitable for all types of oil filters

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

• Adjust to appropriate size of the oil filter.

• Release the chain to reinstate it.

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 wrench to reduce the possibility of damaging filters

2 PC.

KT NO.	Applicable models	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…		

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 wrench to reduce the possibility of damaging 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 wrench to reduce the possibility of damaging 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 wrench to reduce the possibility of damaging 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. | 1.11 | 1 / 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

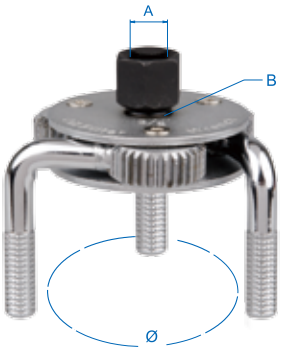
- The claw-type filter is available for removing all oil filters from 2-1/2" to 4" (63-102mm) in diameter
- Suitable for 3/8" or 1/2" square drive tool
- Coated with electro-black oxide finish for protection against rust
- CW & CCW direction

KT NO.	A inch	B inch	Ø Capacity inch	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	mm	g	
9AE43	1/2	3/8	3~4-3/4	75~120	603.5	1 / 36

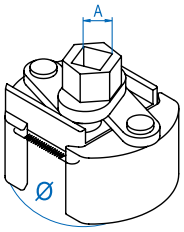


Two Jaws Oil Filter Wrench

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 for tening grip

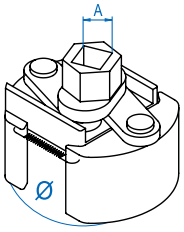
KT NO.	A inch	Ø Capacity inch	mm	g	
9AE52	1/2	2-3/8~3-1/8	60~80	470.0	12 / 48



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	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 makes grip tight

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

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.

Steel Line Stopper Set

9AF204

- Use to prevent fluid leaks and contamination during service
- 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 g | 24 / 48 pc/box

4 PC.

Fuel Gauge & Pump Sender Collar Wrench

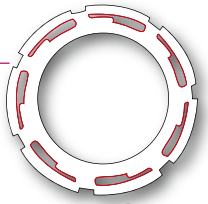
9AG11

- Use for removing and fitting fuel gauge sender collars to avoid damage
- 3 jaws to ensure high torque and without risk of destroy plastic collar
- Use with 19mm wrench or socket
- Suitable for most collars from 89 to 170mm

KT NO.	Ø mm	g	
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 without risk of destroying plastic collar
- Suitable for BMW F01/F02/F25, X3 etc…



KT NO.	g	
9AG12	1050.0	1 / 12

Valve Spring Compressor Set

9AH11

- 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

10 PC.

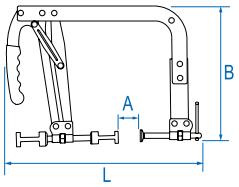
KT NO.	L mm	L1 mm	H mm	Kg	
9AH11	515	275	95	4.22	1 / 5

Valve Spring Compressor Set

9AH025

- Suitable for use on 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.

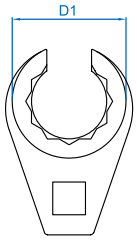


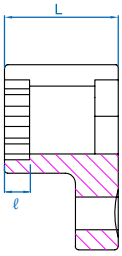
KT NO.	A mm	B mm	L mm	Kg	
9AH025	35~140	280	390	4.56	1 / 5

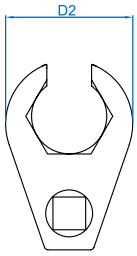
Lambda Oxygen Sensor Socket

9AJ3122 — 3/8"

- For installing and removing the oxygen sensor
- Offset design for confined areas



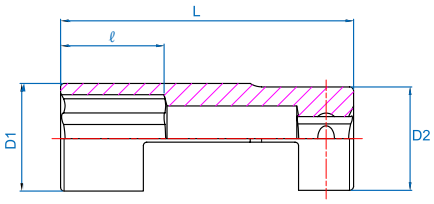




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
9AJ3122	22	34	38	8	34	178.0	1 / 100

9AJ4322 — 1/2"

- For use on 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 new — 3/8"+1/2"

7 PC.

- 7 PC. special sockets for removal lambda / oxygen sensors
- Suitable for most vehicles : Volkswagen, BMW, PSA, Mercedes-Benz, Ford, etc…

kg 1.80 | 1 / 10

KT NO.	Part.	Size	mm
9AJ017		1/2"	29
		3/8"	22
		1/2"	27
		3/8"	22
		3/8"	27
		1/2"	22
		3/8"	22

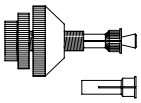
Universal Clutch Aligner Set

9AK11

- Designed to make alignment and assembly of cluth
- Specially designed for those vehicles equipped with late-model front wheel drives-without pilot bearing in flywheel

3 PC.

KT NO.	Ø mm		
9AK11	15.5~27	0.6	1 / 20



Ø 23 ~ 27mm

Ø 19 ~ 23mm

Ø 15.5 ~ 20mm

Complete Set for Assembly and Disassembly of Self Adjusting Clutch

9AK21

- Allows operations on clutch equipped with this device in order to prevent any 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 which may prevent the clutch from disengaging or cause dragging
- Features a refitting tool, allowing the clutch adjuster to be wound back, and six alignment adaptors. Alignment of clutch disk to drive bearing or to disk pushing plate
- 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.

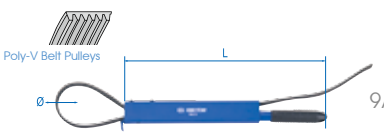
Pulley Removing Wrench

9AL

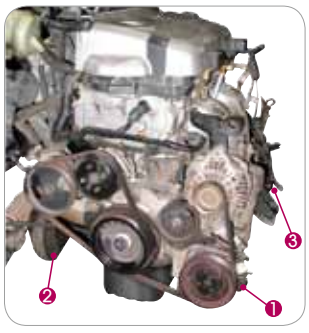
- To lock the pulley during removing or assembling any type of pulley retaining bolt

KT NO.	L inch	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 removing & assembling

Universal Cooling Pump and Refiller Tool Set

9AM01

- Quickly and easily 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		2.68	1 / 4
9AM011	USA		2.68	1 / 4
9AM012	Europe		2.68	1 / 4

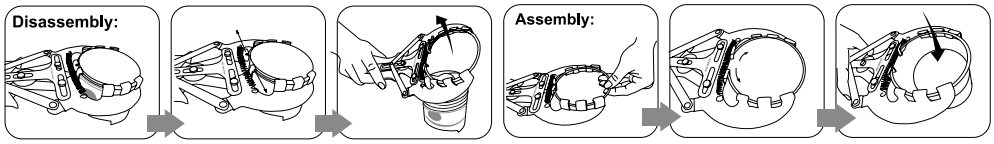
CAUTION DO NOT open the radiator cap on a hot engine

7 PC.

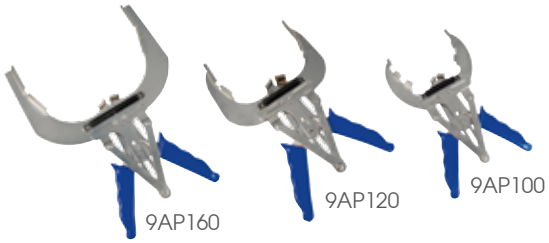
Piston Ring Pliers

9AP

- Nickel plated
- For removing and mounting piston rings



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

1.70 1 / 10

21 PC.

Diesel Injector Puller Set

9AS11

- The set contains M8, M12, M14, M17 adaptor
- Suitable for variety 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

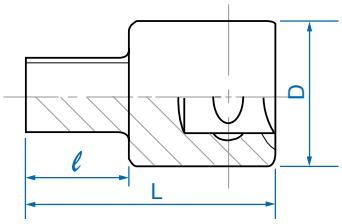
1.11 | 1 / 20

Square Socket

4014M

1/2"

- 4 ball retaining grooves
- Use for oil plug
- Suitable for
  401408M: Peugeot, Nissan, Renault
  401410M: Ford, Peugeot, Mazda



KT NO.	mm	D mm	ℓ mm	L mm		
401408M	RB8.0	23.5	13.5	35	60.0	10 / 200
401409M	RB9.5	23.5	13.5	35	68.0	10 / 200
401410M	RB10.0	23.5	13.5	35	72.0	10 / 200
401411M	RB10.5	23.5	13.5	35	78.0	10 / 200
401412M	RB12.0	23.5	13.5	35	90.0	10 / 200
401413M	RB12.7	23.5	13.5	35	97.0	10 / 200
401414M	RB13.5	23.5	13.5	35	106.0	10 / 200
401419M	RB19.0	25.0	13.5	40	130.0	10 / 160

Double Size "L" Handle

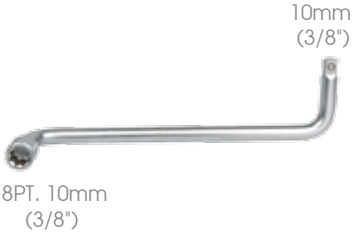
1586

- Material : Chrome vanadium alloy steel
- For oil plug

KT NO.	Overall length inch	mm	Size inch	mm		
1586-09	9	230	5/16 x 3/8	8 x 10	320.0	6 / 60

1596

- Material : Chrome vanadium alloy steel
- For oil plug

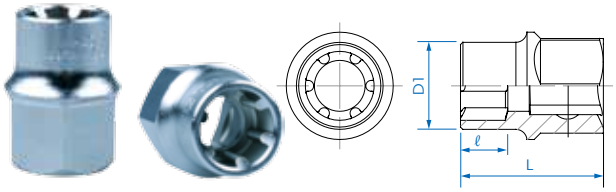


KT NO.	Overall length inch	mm	Size inch	mm		
1596-09	9	230	3/8 x 3/8	10 x 10	290.0	10 / 60

Ribe Socket M10S

9AW4911 — 1/2"

- 6 points
- Use for replacing and removing idler pulley center screw on TOYOTA ALTIS

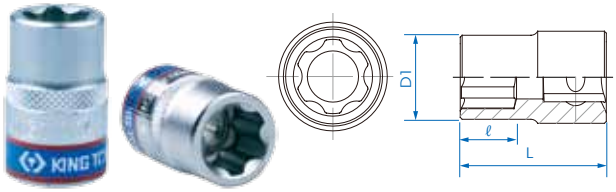


KT NO.	D1 mm	ℓ mm	L mm	g	
9AW4911	19	10	33.8	16	10 / 200

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	g	
9AW4901	22	14	38	72.0	10 / 200

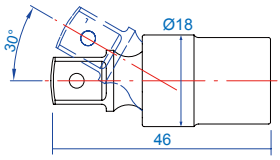
Universal Joint

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

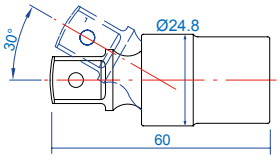
3794 — 4794 — 3/8" & 1/2"

- 30° rotation
- Short patterned design enables greater access in confined spaces

KT NO.	Drive	L inch	L mm	g	
3794	3/8"	1-4/5	46	45.0	15 / 180
4794	1/2"	2-3/8	60	106.0	5 / 180



3794



4794

Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted.
- Total length : 25 mm

1025V — 1/4"

- For inside 5-star screw
- Tamper resistant type
- 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

KT NO.	Size	g	
102520V	IPR 20	5.0	20 / 200
102525V	IPR 25	5.0	

order unit :one box

Item No.xxxxxxx.B

Bit Socket

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

CAUTION

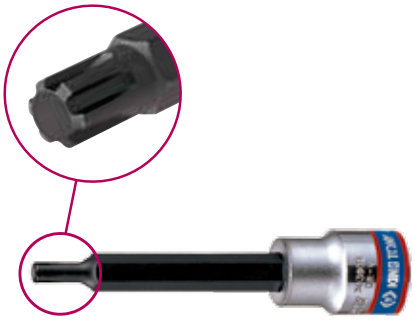
In order to get normal life of bit socket, always use within limited torque of bit.

3039

3/8"

- Use for cylinder head bolts
- M8 : Alfa Romeo, Fiat, Lancia
  M9 : VW Passat, Audi, Seat
  M10 : Alfa Romeo, Fiat, Lancia
  M12 : Fiat, Ford
  M13 : Alfa Romeo, Fiat, Lancia
  M14 : Fiat

KT NO.	Size	Overall length mm	g	
303908	M8	90	88.0	8 / 160
303909	M9	90	89.0	8 / 160
303910	M10	90	90.0	8 / 160

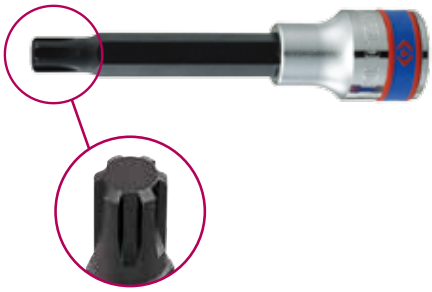


4049

1/2"

- Use for VW, Audi, Fiat cylinder head bolt

KT NO.	Size	Overall length mm	g	
404904	M4	100	94.0	6 / 120
404905	M5	100	95.0	6 / 120
404906	M6	100	96.0	6 / 120
404907	M7	100	97.0	6 / 120
404908	M8	100	98.0	6 / 120
404909	M9	100	100.0	6 / 120
404910	M10	100	106.0	6 / 120
404925	M10.5	100	110.0	6 / 120
404912	M12	100	132.0	6 / 120
404913	M13	100	162.0	6 / 120
404914	M14	100	164.0	6 / 120
404916	M16	100	166.0	6 / 120



4116PR

1/2"

6 PC.

- Socket rail 180mmL
  - Rail with 6 PC. 1/2" drive clip

Contents	Kg 0.38	20
4049	M9, M10, M12, M13, M14, M16	
8740706		

Bit Socket

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

CAUTION

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

402B — 1/2"

- Spline head
- Temper resistant type
- Use for gear box and oil plug.

- Suitable for
  Audi : A3/A4/A6/TT
  VW : Porsche/Gold LT/Passat/Skoda/Ford

KT NO.	Size	Overall Length mm	g	
402B16	M16	66	150.0	10 / 120

404108 — 4066 — 1/2"

- Use for cylinder head bolts
  M10 : Ford, VW, Vauxhall/Opel
- M12 : VW, Ford, Mercedes-Benz

KT NO.	Size	Overall length mm	g	
404108	M8.9	100	129.4	6 / 120
406608	M8	140	109.0	6 / 120
406609	M9	140	138.0	6 / 120
406610	M10	140	138.0	6 / 120
406612	M12	140	175.0	6 / 120
406614	M14	140	213.0	6 / 120

404108

4066

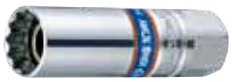
Spark Plug Socket

3630 — 3660 — 3635 — 3665 — 3/8"

- Metric / Inch size
- 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	g	
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

363016



366016

363021

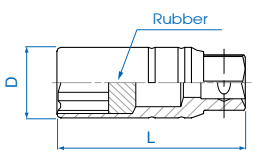
366021

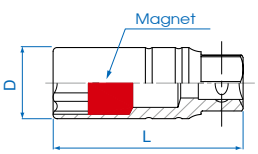
363516

366516

363521

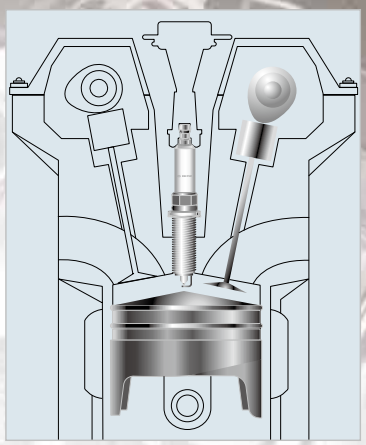
366521





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	Spring	36A514			
			12 pt	Spring	36A014			
	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	Spring	36A518			
			12 pt	Spring	36A018			
	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

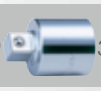
1/2"	Size (inch)	Size (mm)	Type		Socket L(mm) 70
	9 / 16	14	6 pt	Rubber	463514RC
			12 pt	Rubber	463014RC
	5 / 8	16	6 pt	Rubber	463516R
			12 pt	Rubber	463016R
			6 pt	Magnet	466516
			12 pt	Magnet	466016
	23 / 32	18	6 pt	Magnet	
	13 / 16	20.8	6 pt	Rubber	463521R
			12 pt	Rubber	463021R
			6 pt	Magnet	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"	30~200 in. lb.	1 in. lb.	4.0~22.0 Nm	0.12 Nm
34362-2CG	32	3/8"	10~80 ft. lb.	0.5 ft. lb.	16.9~105.1 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 Socket

36A0 | 36A5 | 3/8"

- 6 / 12 points
- Size combined - 14.0mm, 18.0mm
- Inside sleeve - spring
- DIN 3120

Spring

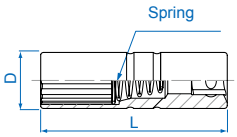
KT NO.	Type	Size mm	D mm	L mm	g	
36A014	12 points	14.0	18.5	63	65.4	12 / 192
36A018	12 points	18.0	23.8	63	98.0	8 / 128
36A514	6 points	14.0	18.5	63	69.4	12 / 192
36A518	6 points	18.0	23.8	63	98.2	8 / 128

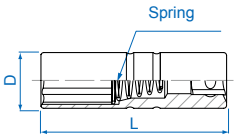
36A018

36A518

36A014

36A514

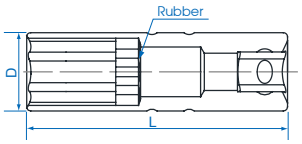




36B5 | 3/8"

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.



rubber

36B514

rubber

36B018

36C014

36B014

36D014

KT NO.	Type	Size mm	D mm	L mm	g	
36B514	6 points	14.0	18.5	63	80.3	12 / 192
36B014	12 points	14.0	18.5	63	80.3	12 / 192
36B018	12 points	18.0	24.7	65	106.5	8 / 128
36C014	12 points	14.0	18.5	90	112.8	12 / 144
36D014	12points	14.0	18.5	250	291.4	4 / 64

Spark Plug Socket

- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

4630 | 4660 | 4635 | 4665 1/2"

- 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

463014RC - Thin walled design

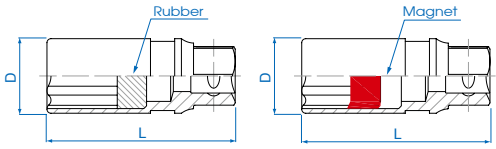
463016R - Thin walled design

466016 - Thin walled design

463514RC - Thin walled design

463516R - Thin walled design

466516 - Thin walled design



463021R

463521R

466021

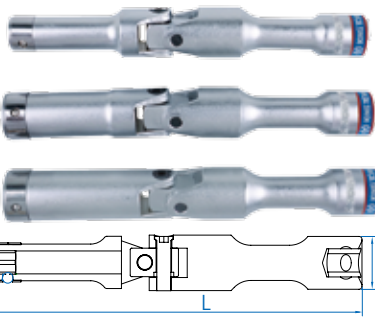
466521

KT NO.	Type	Size inch	Size mm	D mm	L mm	g	
463014RC	12 points Rubber	-	14.0	19.05	70	70.0	12 / 240
463016R	12 points Rubber	5/8	16.0	20.75	70	110.0	10 / 200
466016	12 points Magnet	5/8	16.0	20.75	70	115.0	10 / 200
463514RC	6 points Rubber	-	14.0	19.05	70	70.0	12 / 240
463516R	6 points Rubber	5/8	16.0	20.75	70	110.0	10 / 200
466516	6 points Magnet	5/8	16.0	20.75	70	115.0	10 / 200
463021R	12 points Rubber	13/16	20.8	27.7	70	160.0	12 / 120
466021	12 points Magnet	13/16	20.8	27.7	70	165.0	12 / 120
463521R	6 points Rubber	13/16	20.8	27.7	70	155.0	12 / 120
466521	6 points Magnet	13/16	20.8	27.7	70	160.0	12 / 120

Glow Plug Socket & Set

3785M 3/8"

- 4 ball retaining grooves
- 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	g	
378508M	8	13.5	17.8	120	120.0	10 / 100
378509M	9	13.5	17.8	120	127.0	10 / 100
378510M	10	13.5	17.8	120	128.0	10 / 100
378512M	12	17.8	17.8	120	136.0	10 / 100
378514M	14	17.8	17.8	120	142.0	10 / 100
378516M	16	19.8	17.8	120	157.0	10 / 100

3716MR 3/8"

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

6 PC.

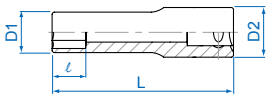
Thin Wall Deep Socket

- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

3215M — 3/8"

- 6 points
- Metric size
- Thin walled design on square driving side
- Specifically for heat plug, glow plug

Thin walled design (D1)

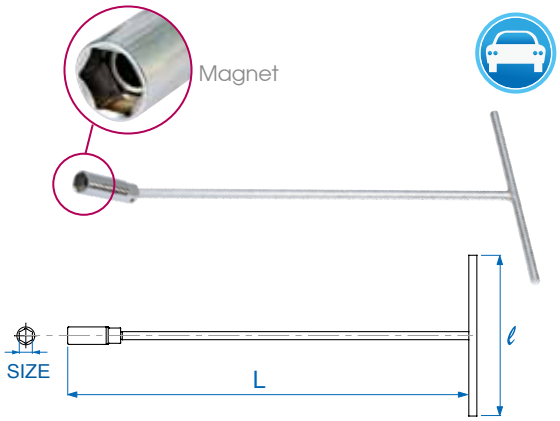


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
321510M	10	13.0	17.8	12.0	65	65.0	20 / 240
321512M	12	15.0	17.8	15.0	65	57.0	20 / 240

T-type Spark Plug Socket

1566

- Chrome vanadium alloy steel
- With magnet

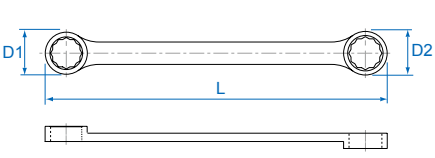


KT NO.	mm	ℓ mm	L mm	g	
15661612	16	200	300	400.0	10 / 40
15661615	16	200	385	420.0	10 / 40
15661618	16	200	460	460.0	10 / 40
15661818	18	200	460	450.0	10 / 40
15662112	21	200	300	420.0	10 / 40
15662115	21	200	385	460.0	10 / 40
15662118	21	200	460	510.0	10 / 40

0° Offset Ring Wrench

19B0

- Ideal for crowded or tight spaces
- Ultra-compact ring head
- Chrome vanadium steel
- Metric size - DIN 3113



KT NO.	mm	D1 mm	D2 mm	L mm	g	
19B00810	8 x 10	12.5	15	235	72.0	12 / 240
19B01011	10 x 11	14.3	17	291	95.0	12 / 192
19B01012	10 x 12	14.3	17	291	95.0	12 / 192
19B01113	11 x 13	17.8	20.3	328	157.0	12 / 120
19B01214	12 x 14	17.8	20.3	328	157.0	12 / 120
19B01315	13 x 15	20.2	23.3	368	217.0	12 / 96
19B01417	14 x 17	20.2	23.3	368	217.0	12 / 96
19B01618	16 x 18	23.7	26.6	407	284.0	12 / 72
19B01719	17 x 19	23.7	26.6	407	284.0	12 / 72
19B01921	19 x 21	27.5	29.7	415	376.0	8 / 64
19B02224	22 x 24	31.3	34.0	430	482.0	6 / 48

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)1.555"/39.5mm (2)1.752"/44.5mm
(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

1.8 / 1 / 10

10 PC.

Two Sets Bearing Separator Assembly Set

9BA21

- 2 Sets bearing separator & bolts
- Capacity 30mm ~ 50mm
- Bolt 3/8" x 24UNF x L125mm
- Capacity 50mm ~ 75mm
- Bolt 1/2" x 20UNF x L 135mm
- 4 PC. Main rod
  Hex bar 14mm 3/8" x L 102mm x 2 pcs
  Hex bar 17mm 1/2" x L 127mm x 2 pcs
- 4 PC. Extension rod
  Hex bar 14mm 3/8" x L 102mm x 2 pcs
  Hex bar 17mm 1/2" x L 127mm x 2 pcs
- 1 PC. Beam
- 1 PC. Central bolt
  - Hex 18mm x 9/16" x L175mm

5.25 / 1 / 2

12 PC.

Pressure Screw Bearing Separator Puller Set

9BA22

- The set includes bearing separator & bolts
- Capacity 75mm ~ 105mm
- Bolt 5/8" x 18UNF x L 165mm
- 2 PC. Main rod
  Hex bar 19mm x M12 & 1/2" x L 255mm
- 2 PC. Extension rod
  Hex bar 19mm x M12 x L 255mm
- 1 PC. Beam
- 1 PC. Central bolt
  Hex 21mm x M18 x L292 mm
- 1 PC. Nut

8.95 / 1 / 2

8 PC.

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.

9BA33

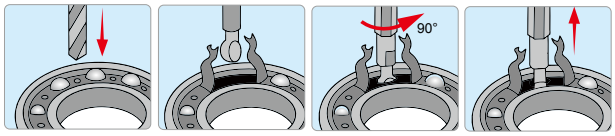
- Easy and fast removing ball bearing by using the puller
- Select proper tips by ball diameter

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.



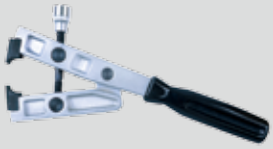
Universal Bearing Ring Puller

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

KT NO.	Ø Capacity mm	Kg	
9BA41	10~125mm	3.6	1 / 4

• Adjustable slide knob for quick control locking

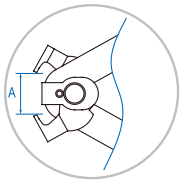
Hose Clamp	KT Item	Suitable Car Brand
CV Boot Clamp	9BB11	VW, Audi, BMW, Ford, GM, Opel, Nissan, Mercedes-Benz, Mazda, Honda, Chrysler, Citroen, Seat
	9BB12	
Ear Clamp	 9BB13	
CV Boot Clamp	9BB31	Univresal

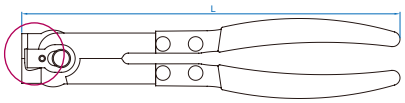
Ear Hose Clamp Pliers

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



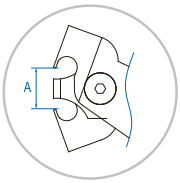


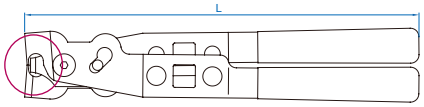
CV Boot Clamp Pliers

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	A max mm	g	
9BB12	9-1/2	235	12	512.4	6 / 36



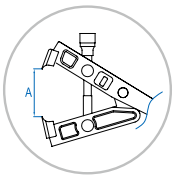


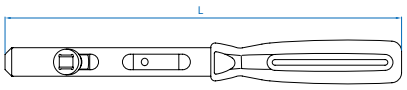
CV Boot Clamp Pliers with Socket

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	
9BB13	11	278	45	887.8	6 / 36





CV Boot Clamp Installer

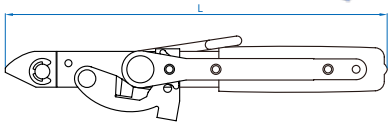
9BB31

- 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	
9BB31	6-1/2	124	346.8	6 / 72



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	
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

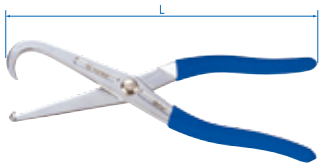
KT NO.	L inch	L mm	A max mm	B mm	g	
9BC11	9	230	60	5	198.0	12 / 48

Drum Brake Spring Pliers

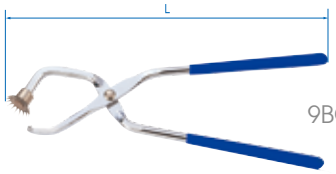
9BC121

9BC122

- Designed to remove and replace brake retaining spring on drum brakes



9BC121



9BC122

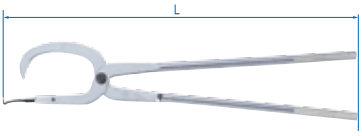
KT NO.	L inch	L mm	g	
9BC121	8-1/2	215	230.0	12 / 72
9BC122	12-1/2	320	426.0	12 / 36

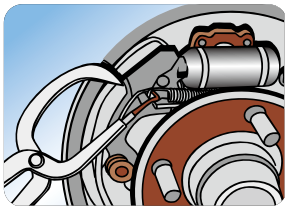
HGV Drum Brake Spring Pliers

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	L 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	Max capacity mm	Kg	
9BC21	2-7/8	75	1.13	1 / 20

Universal Disc Brake Wind-Back Tool Set

9BC22

11 PC.

- 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 3.00 / 1 / 6

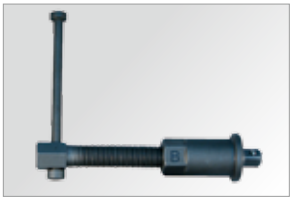
Universal Disc Brake Wind-Back Tool Set

9BC23

31 PC.

- 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 4.76 / 1 / 4



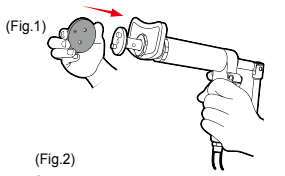
Pneumatic Disc Brake Wind-back Tool Set

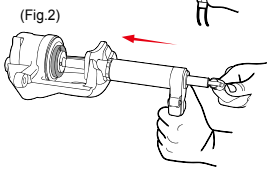
9BC25

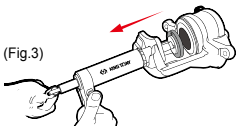
- Air operated ram applies pressure to caliper piston, while the handle is rotated by hand
- Easy to use- works on standard workshop air supply
- Reversible- works on both RH and LH applications
- Can be used on wind back and push back piston
- Supplied with adaptor, which covers a wide range of popular 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

3.20 kg | 1 / 5

18 PC.



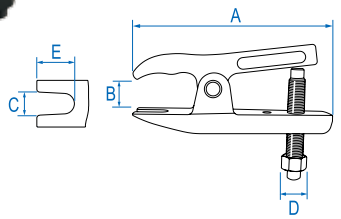




Ball Joint Extractor

9BE11

- Drop forged steel body
- Max Jaw open:50mm



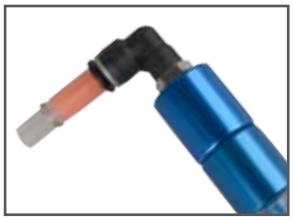
KT NO.	A mm	B(mm) Max	B(mm) Min	C mm	D mm	E mm	kg	
9BE11	160	50	12	19	19	25	1.08	1 / 12

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

280 g | 1 / 4

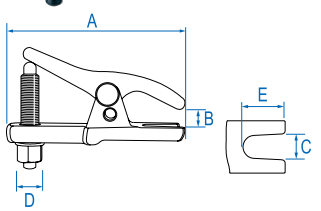


CAUTION

Always keep the tool clean after using

9BE21

- Special design 2 stage operating, suits most cars and light trucks ball joints in steering & suspension
- Max Jaw open: 50mm
- Suitable for V.W.-Audi, Fiat, Ford, Nissan, Saab, Opel, Peugeot, Volvo, Renault, Toyota, Mercedes, etc



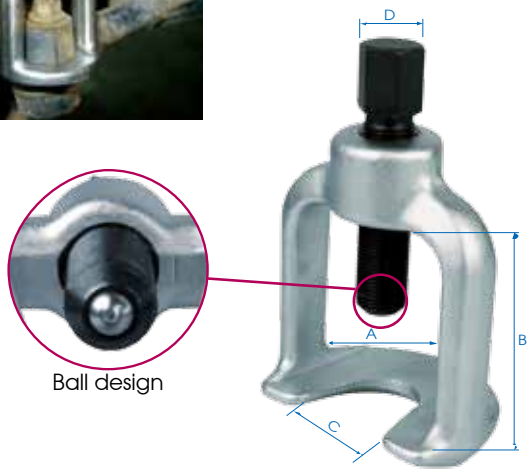
KT NO.	A mm	B(mm) Max	B(mm) Min	C mm	D mm	E mm	kg	
9BE21	160	50	12	20	22	32	1.27	1 / 12

Ball Joint Extractor

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

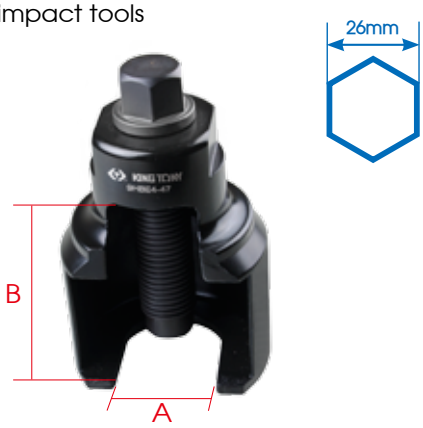
KT NO.	A mm	B mm	C mm	D mm	g	
9BE41	36	40	18	17	363.9	1 / 36
9BE42	46	48	23	17	558.3	1 / 36
9BE43	62	62	29	19	925.0	1 / 12
9BE44	64	76	40	24	1658.3	1 / 12
9BE45	77	100	46	24	1858.3	1 / 12



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	1/4
9HBE4-62	62	120	4.20	1/4
9HBE4-67	67	120	4.20	1/4

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, Bens, 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

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

7.0 kg | 1 / 2

	capacity
Jaw opening	70mm
Jaw width	36mm

Hydraulic Ball Joint Separator Set

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

8.5 kg | 1 / 2

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

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	20
9BE63	3-7/16	87.56	42~50	403.6	20

Universal Adjustable Wheel Bearing Lock Nut Wrench

9HBN01

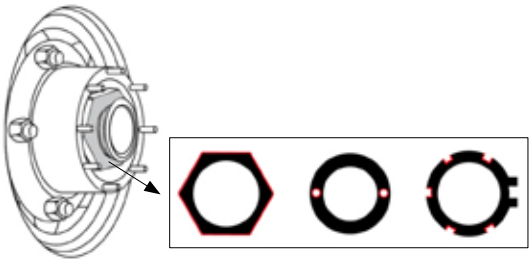
- For disassemble and assemble vario nut and cap
- Extra slim design suitable to reach narrow space for special nut
- Use with 3/4" square drive tools and suggest lock by torque wrench
- Application for 6PT, 8PT and round nut
- Adjustable open jaw 50~150mm

13 PC.

3/4" DR.

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 / 2



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.

KT NO.	L mm	⬡	⬢ mm	Kg	
9BF11	85 / 370	1/2"	21	3.51	1 / 6
9BF21	85 / 270	1/2"	21	3.36	1 / 6

9BF11

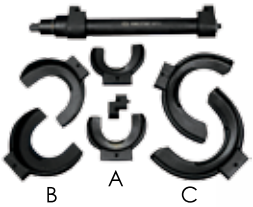
9BF21

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

Kg 4.10 1 / 4

18 PC.

Multi-Steering Knuckle Spreader Tool Set

9BJ11

- This set is 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

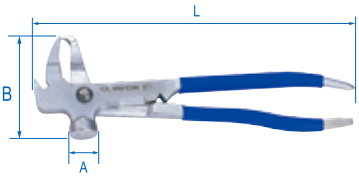
1.05 kg | 1 / 12

15 PC.

Wheel Balancing Weight Tool

9BK11

- Ideal for fitting and removing wheel balance weights

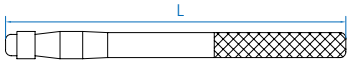


KT NO.	L inch	L mm	A mm	B mm	g	
9BK11	10	250	22	86	420.0	10 / 50

Wheel Stud Alignment Guide Tool Set

9BK2008 new

- 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...



KT NO.	L mm	g
9BK2008	150	990

8 PC.

CONTENTS :
- 2PC. M12 x 1.25
- 2PC. M12 x 1.5
- 2PC. M14 x 1.25
- 2PC. M14 x 1.5

Tire Valve Installer

9BK31

- Use for replacement and fitting tire valves
- Composite body prevents damage onto alloy wheel
- 180 degree pivoting head
- 310mm plastic handle

- For removal & installing valve cores

9BK32

9BK31

118.0 | 12 / 144

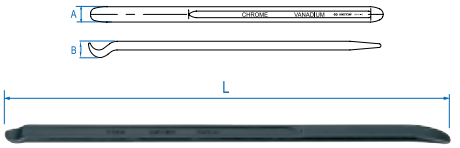
9BK32

353.0 | 6 / 48

Tire Lever

9BK41

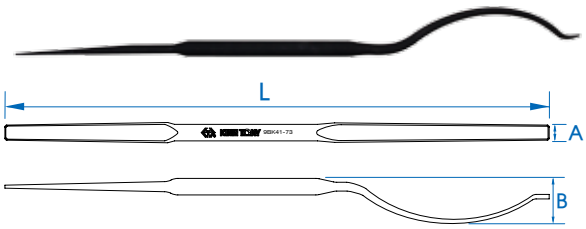
- Professional quality
- Straight pattern with profiled shank



KT NO.	L inch	L mm	A mm	B mm		
9BK41-20	8	200	21.6	11	104.4	10 / 120
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

9BK41-73 new

- To install and remove the tubeless 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)		
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:

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 | 1 / 10

11 PC.

CAUTION

Correct instruction should take the manual as reference

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

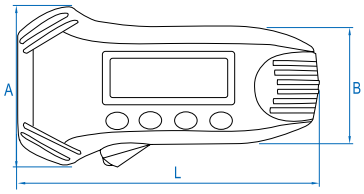
82.2 | 24 / 96

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%

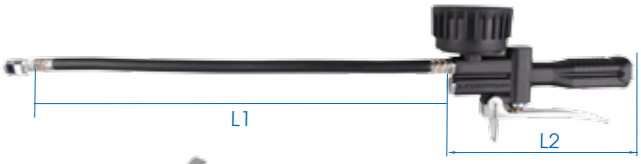
KT NO.	A mm	B mm	L mm	g	
9BM120	53	38	101	53.0	6 / 36



3-In-1 Inflator

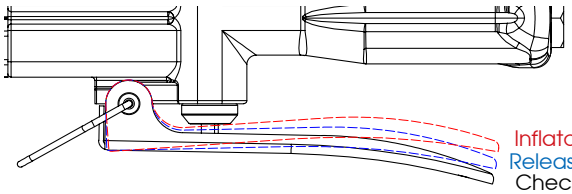
9BM new

- Diaphragm pressure gauge
- Accuracy: ANSI B401.1 ±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



9BM2-01

9BM2-02
(included in 9BM2210A & 11A only)



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

- This tool is 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:
- #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 VW

- This tool is 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:
- #041,#042,#043,#044,#045,#046,#047,#048,#049,#050,#051,#052,#053,#054,#055,#056,#057,#058,#059,#060

2.7 / 1 / 5

20 PC.

9BW0123 VW

- This tool is 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

- This tool is 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)

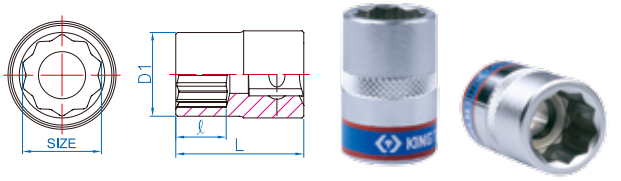
1.48 / 1 / 10

21 PC.

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

Wheel Nut Impact Socket Set

4405MX — 1/2"

- Thin wall impact socket set with plastic sleeve
- 6 points
- Durable outer sleeve and polished wheels and lug nuts

3 PC.

Blow case size (mm) : 149 x 132 x 45

Contents	Kg 0.83	1 / 16
494517MX	17 mm	
494519MX	19 mm	
494521MX	21 mm	

Wheel Nut Impact Socket Set

4406MX — 1/2"

- 3 PC. Plastic sleeve thin wall impact socket
- 3 PC. Torque extension bar

6 PC.

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

Contents	Kg 2.13	1 / 10
494517MX	17 mm	
494519MX	19 mm	
494521MX	21 mm	
4269-08-90	90 Nm	
4269-08-B0	110 Nm	
4269-08-D5	135 Nm	

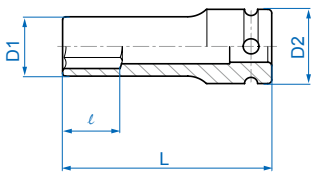
Extra Thin Wall Impact Socket

- Material - chrome molybdenum alloy steel
- For aluminum alloy wheel
- Finishing - phosphate sunk
- Super thin wall version has less strength than standard deep version

4415M — 1/2"

- Super thin wall version
- 6 points
- Metric size
- DIN 3121

Thin walled design (D1)



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
441517M	17	23.8	25	17	80	171.0	6 / 96
441519M	19	25.8	30	20	80	209.0	6 / 96
441521M	21	27.8	30	22	80	219.0	6 / 96
441522M	22	29.5	30	24	80	237.0	6 / 96

Lubrication-Grease Gun

9BU11 9BU14 9BU15

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.

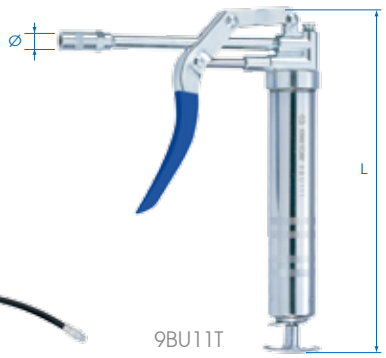
KT NO.	L inch	L mm	Ø Screw thread	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz	Kg	
9BU111	10-5/8	267	1/8" x 28 PT	2900	200	4000	275	120	3	0.61	1 / 30
9BU112	10-5/8	267	10 x 1.0 Metric	2900	200	4000	275	120	3	0.61	1 / 30
9BU141	10-5/8	267	1/8" x 28 PT	4500	310	7000	490	400	14	1.29	1 / 12
9BU142	10-5/8	267	10 x 1.0 Metric	4500	310	7000	490	400	14	1.29	1 / 12
9BU151	10-5/8	267	1/8" x 28 PT	4500	310	7000	490	500	16	1.51	1 / 12
9BU152	10-5/8	267	10 x 1.0 Metric	4500	310	7000	490	500	16	1.51	1 / 12

9BU111 / 9BU141 / 9BU151 For general market except North America, Germany, South Africa, Egypt
9BU112 / 9BU142 / 9BU152 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.



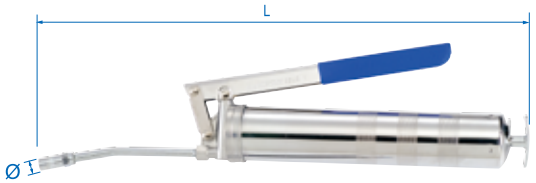
KT NO.	L inch	L mm	Ø Screw thread	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz	Kg	
9BU111T	10-5/8	267	1/8" x 28 PT	2900	200	4000	275	120	3	0.68	1 / 30
9BU112T	10-5/8	267	10 x 1.0 Metric	2900	200	4000	275	120	3	0.68	1 / 30
9BU141T	10-5/8	267	1/8" x 28 PT	4500	310	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	Screw thread Ø	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz		
9BU241	14.2	360	1/8" x 28 PT	4500	310	10000	700	400	14	1.18	1 / 16
9BU242	14.2	360	10 x 10 Metric	4500	310	10000	700	400	14	1.18	1 / 16
9BU251	14	365	1/8" x 28 PT	4500	310	10000	700	500	16	1.52	1 / 16
9BU252	14	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.

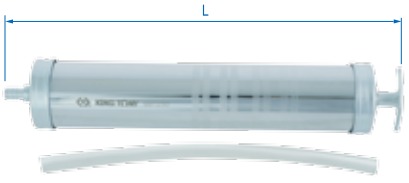
KT NO.	L inch	L mm	Screw thread Ø	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz		
9BU241T	14.2	360	1/8" x 28 PT	4500	310	10000	700	400	14	1.24	1 / 16
9BU242T	14.2	360	10 x 10 Metric	4500	310	10000	700	400	14	1.24	1 / 16
9BU251T	14	365	1/8" x 28 PT	4500	310	10000	700	500	16	1.63	1 / 16
9BU252T	14	365	10 x 10 Metric	4500	310	10000	700	500	16	1.63	1 / 16

9BU241T / 9BU251T For general market except North America, Germany, South Africa, Egypt
9BU242T / 9BU252T For Germany, South Africa, Egypt, etc.

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

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

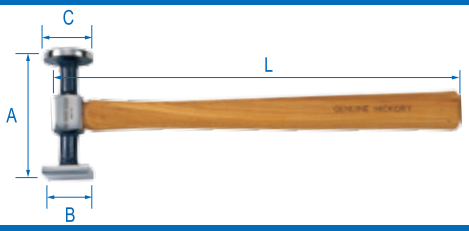
505.2 1 / 32

Auto Body Repair Tool

9CF110

▪ Standard bumping hammer

KT NO.	A mm	B mm	C mm	L mm		
9CF110	98.5	38	40.5	325	440.0	6 / 36



9CF120

▪ Light shrinking hammer

KT NO.	A mm	B mm	C mm	L mm		
9CF120	98	40.6	39.6	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

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

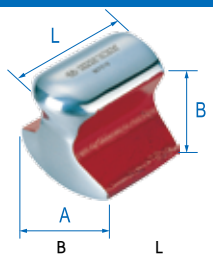
Auto Body Repair Tool & Set

CAUTION

Please wear proper safety gear while working.

9CF210

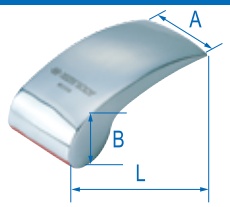
▪ Utility dolly



KT NO.	A mm	B mm	L mm	Kg	
9CF210	69	64	42.3	1.38	6 / 12

9CF220

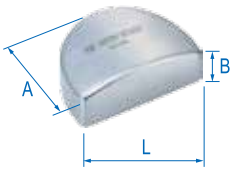
▪ Curved dolly



KT NO.	A mm	B mm	L mm	Kg	
9CF220	58.6	45	133	1.63	6 / 12

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 / 4
9CF-207	9CF131	9CF241	9CF120	7.1	
9CF-307	9CF132		9CF220 9CF230 9CF210	7.1	

Putty Knife

9CJ1112 1-1/4"

KT NO.	A inch	A mm	L inch	L mm	g	pc/box
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	pc/box
9CJ1120	2	50	8-1/2	218	70.0	24 / 144

9CJ1130 3"

KT NO.	A inch	A mm	L inch	L mm	g	pc/box
9CJ1130	3	76	8-1/2	218	82.0	24 / 144

Stainless Steel Putty Knife Set

9CJ013

3 PC.

Contents 0.2 kg 10 / 40

9CJ1112 9CJ1120 9CJ1130

Bolstered Scraper

9CJ2112 1-1/4"

KT NO.	A inch	A mm	L inch	L mm	g	pc/box
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	pc/box
9CJ2212	1-1/4	32	8-1/2	218	120.0	24 / 144

9CJ2120 2"

KT NO.	A inch	A mm	L inch	L mm	g	pc/box
9CJ2120	2	50	8-1/2	218	140.0	24 / 144

Stainless Steel Bolstered Scraper Set

9CJ023

3 PC.

Contents 0.4 kg 10 / 40

9CJ2112 9CJ2212 9CJ2120

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

9CJ3106 3/4"

KT NO.	A inch	A mm	L inch	L mm	g	
9CJ3106	3/7	19	6-1/2	168	75.0	24 / 144

Stainless Steel Pinch Weld Scraper Set

9CJ033

3 PC.

Contents Kg 0.3 10 / 40

9CJ3104

9CJ3105

9CJ3106

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	g	
9CJ61-40	1-1/2	40	9	235	145.0	6 / 72

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…

g 328 12 / 48

6 PC.

Slide Hammer Bodywork Puller Set

9CH01 new

- 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…

11 PC.

8.5 kg | 1/2

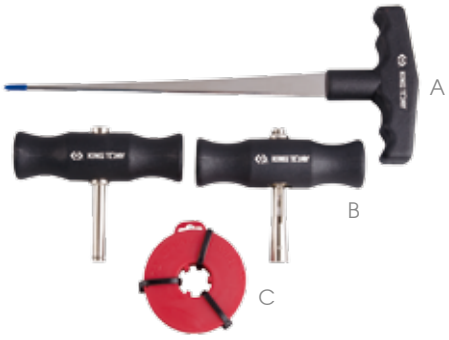
CONTENTS:
- 1 PC. 540 mm handle shaft
- 1 PC. 6 lbs / 2.7 kgs hammer
- 1 PC. Large curve hook
- 1 PC. Small curve hook
- 1 PC. Large 90° hook
- 1 PC. Small 90° hook
- 1 PC. Flat squashed attachment
- 1 PC. Straight attachment
- 1 PC. Double attachment
- 1 PC. Tapping screw
- 1 PC. Hook attachment with chain

Windscreen Remove Tool Set

9CW01 new

- 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

KT NO.	Wire L m	T Handle L mm	kg	
9CW01	22	330	456	8 / 32



CONTENTS :
- A - Wire feeder tool
- B - Wire pull handle - pair
- C - Triangle cutting wire - 22 meters

Double Suction Pad Holder

9CW21 new

- 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 new

- 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 new 1/2"

M10 spline

KT NO.	Size	Overall length mm	g	
9DA103	M10	113	151	12 / 144

9DA104 new 1/2"

T50 Star

KT NO.	Size	Overall length mm	g	
9DA104	T50	113	151	12 / 144

9DA022

22 PC.

- 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.

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

kg 2.57 / 1 / 5

Spark Plug Boot Pliers

9DB201

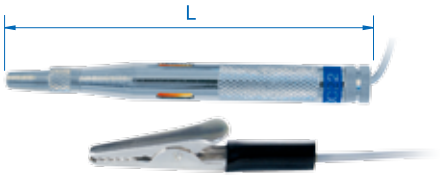
- Remove spark plug cables safely and prevent cable damge
- Pliers' handles and jaws are coated with a heavy-duty plastic for sure grip

KT NO.	L mm	Ø mm	L1 mm	g	
9DB201	260	14~18	20	266	12 / 48

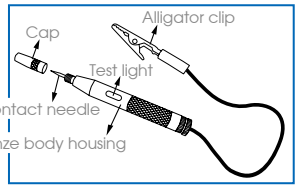
Circuit Tester

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



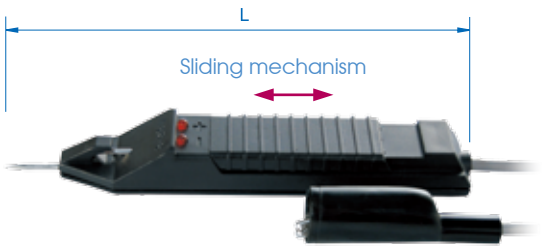
KT NO.	L mm	Test range	g	box/box
9DC22	107	6~24V	50.0	20 / 200



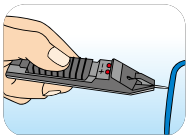
Automotive Voltage Tester

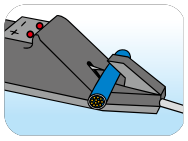
9DC23

- 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	box/box
9DC23	150	3~48V	52.0	12 / 144





Digital Display Circuit Tester

9DC242 new

- 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	box/box
9DC242	6, 12, 24	225	10 / 60

Positive (+) polarity

Negative (-) polarity

Circuit Tester with Nixie Display

9DC243 new

- 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%

Positive (+) polarity

Negative (-) polarity

KT NO.	Test range	g	
9DC243	12, 24, 48	277	10 / 60

Battery Tester

9DD21 new

- 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 g 10 / 100

Mechanic's Stethoscoper

9DH11 new

- 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 g 12 / 72

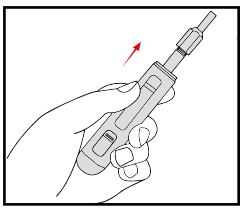
Universal Terminal Release Tool Set

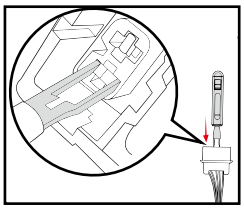
9DT11

11 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	Sewndary tool
I	9DT11-9	Satndard 2.72mm
J	9DT11-10	Satndard 1.48mm
K	9DT11-11	Satndard 1.89mm
L	9DT11-12	Micro satndard





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-101

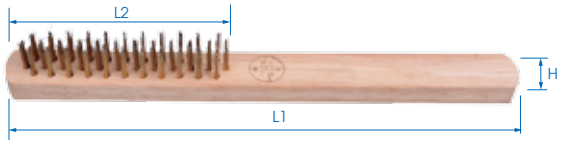
- Soft PVC frame & lens high impact clear polycarbonate
- Anti-dust and anti-impact vents

KT NO.	L1 inch	L1 mm	L2 inch	L2 mm	g	
9CK-101	2-7/8	74	6	153	70.0	20 / 200

Steel Wire Brush

9CZ101

- Material : wood handle / steel wire
- Wire brush with three rows



KT NO.	H mm	L1 mm	L2 mm	g	
9CZ101	22	258	105	65.0	24 / 144

Pressure Oil Can

9TB225

9TB500

- Material: Plastic body (9BT225)
- Material: Metal body (9BT500)

9TB225 9TB500

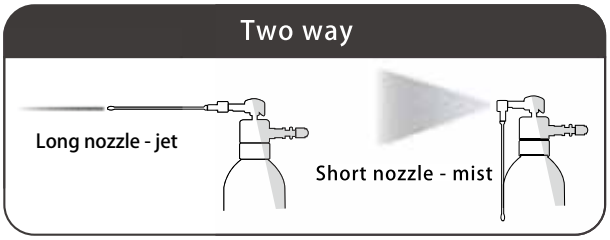
KT NO.	Capacity c.c.	g	
9TB225	225	103.0	60
9TB500	500	302.0	12

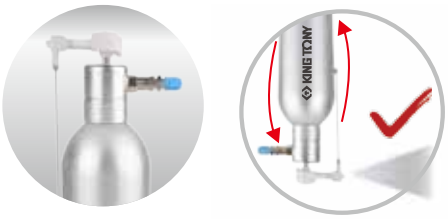
Refillable Pressure Sprayer

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



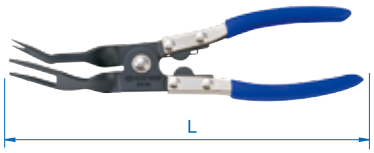


KT NO.	L inch	L mm	g	
9TBA650	11	287	290	1 / 12

Clip Removal Pliers

9TC101

- For removal of door inner-linings and other trim items held in place by plastic rivets

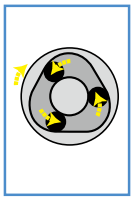


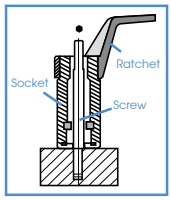
KT NO.	L inch	L mm	g	
9TC101	9	230	241.0	12 / 72

Roller Stud Extractor Socket & Set

9TD401 1/2"

- Turned by means of the hexagonal drive or a 1/2" - 12.7 mm ratchet which has a through-hole for a bar
- For tightening or loosening studs





KT NO.	mm	D1 mm	D2 mm	L mm	g	
9TD401-06M	6	24.5	21	60.0	150.0	10 / 180
9TD401-08M	8	24.5	21	60.0	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"

- Roller stud extractor socket set

4 PC.

Blow case size (mm) :
210 x 111 x 49 (0.04CUFT)

Contents	Kg	
	1.10	1 / 20
9TD401	M6, M8, M10, M12	

Nut Splitter Set

9TD062

2 PC.

- 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

609.4 | 12 / 36

KT NO.	Capacity inch	mm	Hex (mm)
9TD062	1/2"~5/8"	12~16	14
9TD063	5/8"~7/8"	16~22	19

9TD064

4 PC.

1895 | 1 / 12

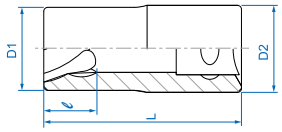
KT NO.	Capacity inch	mm	Hex (mm)
9TD601	5/16"~1/2"	9~12	12
9TD602	1/2"~5/8"	12~16	14
9TD603	5/8"~7/8"	16~22	19
9TD604	7/8"~1-1/8"	22~27	21

Blow case size (mm) :
260 x 175 x 60 (0.096CUFT)

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

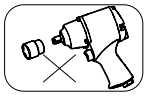


KT NO.	D1 mm	D2 mm	ℓ mm	L mm	g	
9TD403-12M	18.0	22	11	50	77.0	10 / 180
9TD403-13M	20.0	22	11	50	84.0	10 / 180
9TD403-14M	21.0	22	11	50	85.0	10 / 180
9TD403-17M	24.5	25	15	50	117.0	10 / 180
9TD403-19M	27.0	27	15	50	135.0	8 / 80
9TD403-21M	29.4	27	16	50	138.4	8 / 80
9TD403-22M	30.5	27	17	50	140.6	8 / 80

9TD035MR 1/2"

5 PC.

Contents	Kg 0.52	4 / 36
9TD403	12, 13, 14, 17, 19	
8740705		



CAUTION Can't be used with pneumatic wrench

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	g	
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.

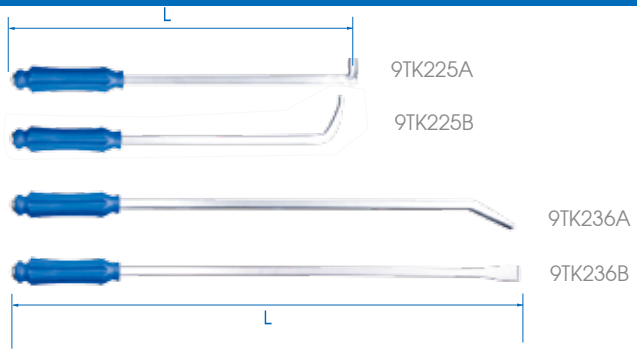
Contents | Kg 1.87 | 5 / 10

9TK108
9TK112
9TK118
9TK124

Jumbo Pry Bar & Set

9TK2 new

- 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



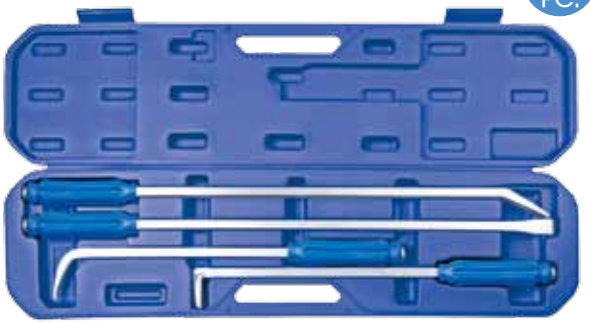
KT NO.	L inch	L mm	Type	kg	
9TK225A	25	625	90°	1.62	1 / 6
9TK225B	25	625	45°	1.51	1 / 6
9TK236A	36	920	30°	2.07	1 / 12
9TK236B	36	920	Straight	2.06	1 / 12

9TK024 new

4 PC.

Contents | Kg 9.34 | 1 / 2

9TK225A
9TK225B
9TK236A
9TK236B

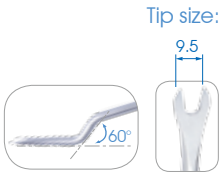


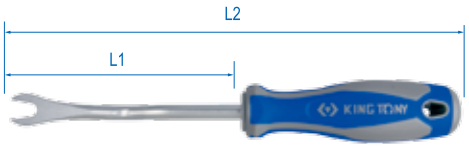
Door Upholstery Remover

43280212

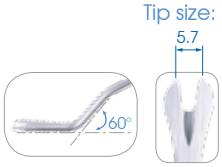
48280180

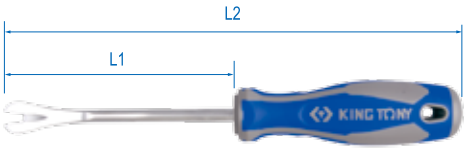
- Special tool to remove the lining and clip of the car





43280212





48280180

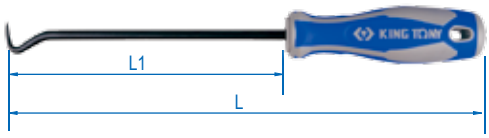
KT NO.	Tip mm	Dia x length(mm) L1	L2	g	
43280212	9	8 x 120	240	140.0	12 / 144
48280180	5.5	6.35 x 100	210	92.6	12 / 144

Hose & Pick

- Grip material - PP+TPR
- Chrome vanadium alloy steel

43250115Y

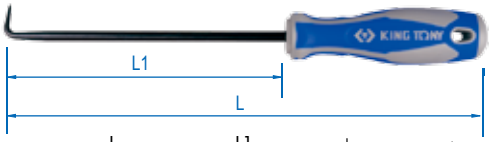
- 10" Bent-pick



KT NO.	L mm	L1 mm	g	
43250115Y	260	150	93.8	12 / 144

43270115Y

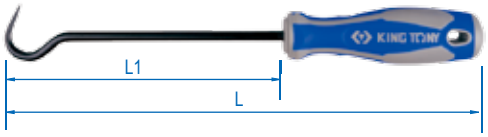
- 10" 90L-pick



KT NO.	L mm	L1 mm	g	
43270115Y	260	150	94.4	12 / 144

43260115Y

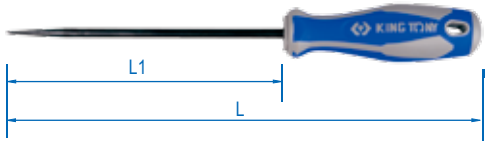
- 10" Hook-pick



KT NO.	L mm	L1 mm	g	
43260115Y	260	150	95.0	12 / 144

43290115Y

- 10" Straight-pick



KT NO.	L mm	L1 mm	g	
43290115Y	260	150	90.0	12 / 144

Hook & Pick Set

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

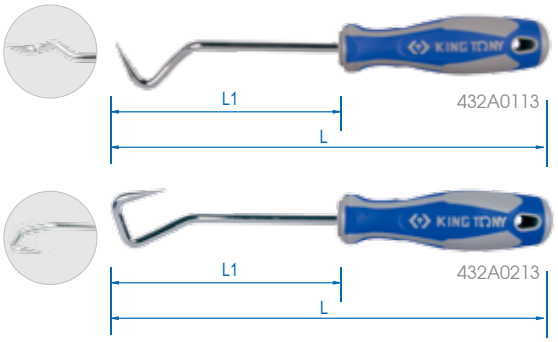
- Grip material - PP+TPR
- Chrome vanadium alloy steel

432A0113

- 9-1/2" Lightning type removal tools

432A0213

- 9-1/2" U type removal tools



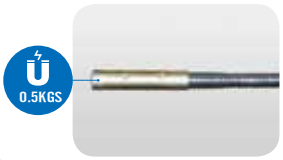
KT NO.	L mm	L1 mm	g	
432A0113	240	130	93.2	12 / 96
432A0213	240	130	100.8	12 / 96

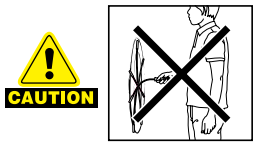
Magnetic Flexible Handle

2121

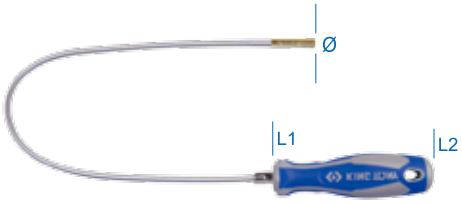
- Grip Material-PP+TPR
- Enhanced flexible conduit for perfect shaping
- More powerful magnetic force

KT NO.	Size	Dia x length(mm) L1	L2	Magnetic power(kg)	g	
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





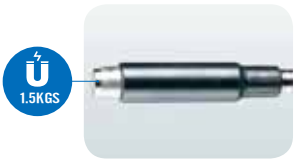
For longer life, please don't shake or wave it.

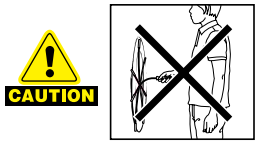


Magnetic Pickup Tool

2124

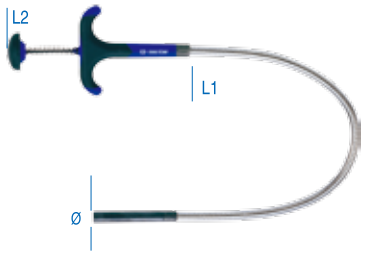
- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- More powerful magnetic force
- Comfortable pushing strength





For longer life, please don't shake or wave it.

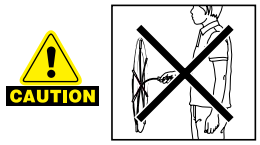
KT NO.	Size	Dia x length(mm) L1	L2	Magnetic power(kg)	g	
2124-18	18"	Ø 13.5 x 450	610	1.5	181.0	1 / 36



Claw Pickup Tool

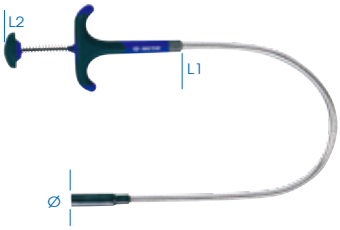
2126

- 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



For longer life, please don't shake or wave it.

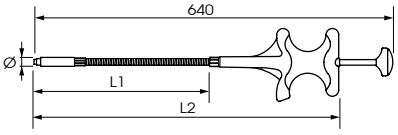
KT NO.	Size	Dia x length(mm) L1	L2		g	
2126-18	18"	Ø11 x 450	610	1-1/4"	181.0	1 / 36

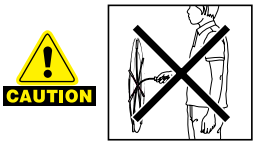


3 in 1 Pickup Tool

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





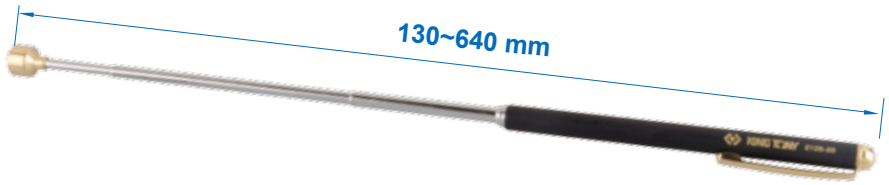
For longer life, please don't shake or wave it.

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"	280.0	12 / 48

Telescoping Magnetic Pick-Up Bar

2128-26 new

- Pen style for carring conveniently



KT NO.	Extendable Length mm	Magnetic Power	g	
2128-26	130~640	3.5LBS/1.6KGS	45.6	50 / 200

Auto Inspection Tool Set

9TQ01

- 1 PC. Stainless steel telescopic bar
- 1 PC. 3.5 lbs. magnet pick-up with LED light
- 1 PC. Strong 8.0 lbs. magnet pick-up
- 1 PC. Flexible claw pick-up tool
- 1 PC. Round magnetic dish Dia. 100mm
- 1 PC. Round inspection mirror-Dia. 50mm
- 1 PC. Rectangular inspection mirror 89 x 50mm

Kg 1.52 1 / 5

7 PC.

10-1/2" Heavy Duty Replaceable Tip Circlip Pliers Set

45115PP

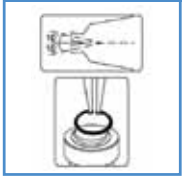
- Ideal for internal-external circlip removal and replacment
- Ratcheting locking action handles

15 PC.

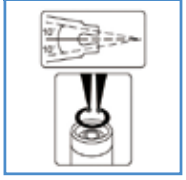
Contents

68GS-11	1 PC. Internal straight circlip pliers
68RS-11	1 PC. External straight circlip pliers
68GR-01	2 PC. 15° Internal interchangeable
68GQ-01	2 PC. 45° Internal interchangeable
68GB-01	2 PC. 90° 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)

External Use



Internal Use



KT NO.	L inch	L mm	Spread inch	Spread mm	Ø mm	Ø mm	kg	
45115PP	10-1/2	267	2	50	-	-	1.30	1 / 10
68GS-11	10-1/2	267	2	50	85~100	3	0.31	12 / 24
68RS-11	10-1/2	267	2	50	40~100	2.75	0.32	12 / 24

16" Internal-External Heavy Duty Circlip Pliers Set

45211PP

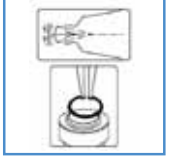
- Ideal for Internal-External circlip removing and replacment
- Ratcheting locking action handles

11 PC.

Contents

68GS-16	1 PC. Internal straight circlip pliers
68RS-16	1 PC. External straight circlip pliers
68GQ-02	2 PC. 45° Internal interchangeable
68GB-02	2 PC. 90° Internal interchangeable
68RQ-02	2 PC. 45° External interchangeable
68RB-02	2 PC. 90° External interchangeable
68ZZ-02	6 PC. Screw(M6x1.0)

External Use



Internal Use

KT NO.	L inch	L mm	Spread inch	Spread mm	Ø mm	Ø mm	kg	
45211PP	16	406	3-1/4	85	-	-	3.32	1 / 6
68GS-16	16	406	3-1/4	85	82~175	3	0.93	1 / 12
68RS-16	16	406	3-1/4	85	82~165	3	0.97	1 / 12

Kneeling Mat

9TG11

- Kneeling mat makes working more comfortable during repairing wheels, brakes and exhausts
- Resistant to most of the chemicals and oil
- Easily clean surface
- Light and small, easy to carry and available to hang it

KT NO.	L mm	A mm	B mm	g	
9TG11	455	214	30	125.7	1 / 18

LED Kneeling Mat

9TG12 new

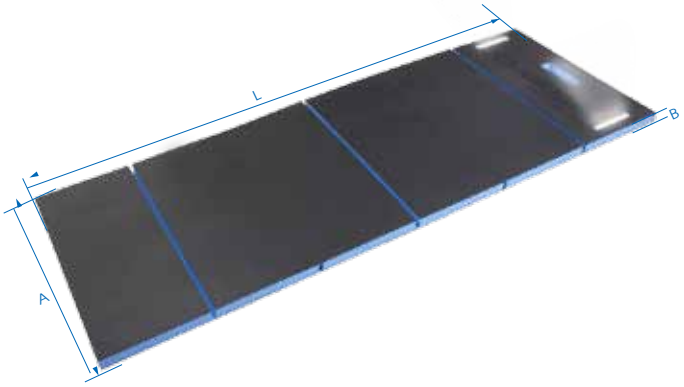
- Kneeling mat with work lights for under car repair or useful as a head protector
- 24 SMD LED lights
- Brightness: 600 Lumen(lm)
- 3 x AA batteries not included
- Resistant to most of the chemicals and oil

KT NO.	L mm	A mm	B mm	g	
9TG12	460	270	30	320	1 / 25

LED Folding Mat

9TG21 new

- 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
- Resistant to most of the chemicals and oil



KT NO.	L mm	A mm	B mm	g	
9TG21	1150	420	24	991.6	1 / 10

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	649.0	1 / 8

ST
STARTER

King Tony always offers professional integrality & high quality tools, we provide tools which assist professionals to complete their tough jobs. As we believe, choosing a high-accuracy tool may increase efficiency and safety, in order to satisfy more diversified fields of mechanics, we launch “STARTER” as our alternative product line.

It contains the tools for professionals who are using in non-violent and non-continuous workplace, STARTER exceeds international quality standards and qualified for use of the targeted mechanics. It is a smart choice for mechanics to extend more tools from the STARTER tools sets according to demand, work with STARTER is great initial step to move forward as high professional.

ST20219MR

9 PC.

- Standard arm hex-head key
- H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 mm

0.30 6 / 48

ST20219MY

9 PC.

- Standard arm hex-head key
- H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 mm

0.30 6 / 48

ST20219MY1 new

9 PC.

- Standard arm hex-head key
- H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 mm

0.28 10 / 80

ST20219SY new

9 PC.

- Standard arm hex-head key
- 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"

0.28 10 / 80

ST20207MY

7 PC.

- Extra long arm hex-head key
- Double length with extra leverage
- H3, H4, H5, H6, H7, H8, H10 mm

0.54 8 / 48

ST20208MR

8 PC.

- Extra long arm hex-head key
- Double length with extra leverage
- H2, H2.5, H3, H4, H5, H6, H8, H10 mm

0.48 8 / 48

ST20208MY

8 PC.

- Extra long arm hex-head key
- Double length with extra leverage
- H2, H2.5, H3, H4, H5, H6, H8, H10 mm

0.48 8 / 48

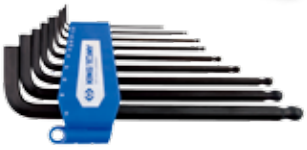
ST20209MR

9 PC.

- Extra long arm hex-head key
- Double length with extra leverage
- H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 mm

0.48 8 / 48

ST20109MY new



9 PC.

- Extra long arm hex ball-head key
- Double length with extra leverage
- H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 mm

ST20109SY new

9 PC.

- Extra long arm hex ball-head key
- Double length with extra leverage
- 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"

ST20109MR

9 PC.

- Extra long arm hex ball-head key
- Double length with extra leverage
- H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 mm

0.48 8 / 48

ST20120MR

10 PC.

- Long arm hex ball-head key
- H1.27, H1.5, H2, H2.5 , H3, H4, H5, H6, H8, H10 mm

0.35 6 / 60

ST20220MR

10 PC.

- Extra long arm hex ball-head key
- Double length with extra leverage
- H1.27, H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 mm

0.48 8 / 48

ST20407PR

7 PC.

- Standard arm torx TR-head key
- T10H, T15H, T20H, T25H, T27H, T30H, T40H

0.13 15 / 120

ST20139SY new

9 PC.

- Long arm hex-head key ball end
- 5/64", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8"

0.39 8 / 64

ST20419PR

9 PC.

- Extra long arm torx TR-head key
- Double length with extra leverage
- T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

0.47 8 / 48

ST20139MY new

9 PC.

- Long arm hex-head key ball end
- H1.5, H2, H2.5, H3, H4,5, H6, H8, H10 mm

0.37 8 / 64

Socket & Wrench Set

SC7583MR new 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

83 PC.

Contents		5.65 kg	1 / 4
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		
4635	16, 21		
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		
2791 4791RH	2222-02 2222-04	2179DF	
2312-06	4251-05RH		
4222-10	3824	2571-45	
2766-55G	4766-10G		
79831	7702-25	414810S	

Socket & Wrench Set

SC7596MR new 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

96 PC.

Contents		6.22 kg	1 / 4
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		
4635	16, 21		
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		
2791 4791RH	4222-10	3824	
2222-02 2222-04	4251-05RH	7702-25	
2571-45	2745	4766-10G	
2766-55G	414810S	2179DF	

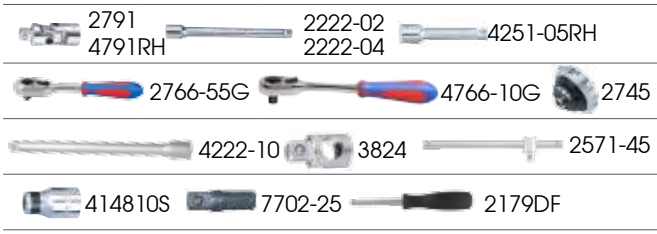
Socket & Wrench Set

SC7510MR 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

110 PC.

Contents		6.90 kg	1 / 4
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		
2375M	E4, E5, E6, E7, E8		
4235MC	14, 15, 17, 19, 22		
4335M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32		
4375M	E10, E11, E12, E14, E16, E18, E20, E24		
4635	16, 21		
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		



Socket & Wrench Set

SC9543MR new

SC9543MR01 new 1/4"+3/8"+1/2"

Blow case size (mm) :
560 x 400 x 110 (0.87 cuft)

143 PC.

13.7 kg | 1 / 2

KT NO.		Contents	
SC9543MR	79093-03M	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10
		2375M	E4, E5, E6, E7, E8
		3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22
		4335MRC	8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32
		4375MC	E10, E12, E14, E16, E20
		4635	16, 21
		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
		1025P	PH0, PH1, PH2, PH3
		1025S	4, 5.5, 7
		1025U	T10, T15, T20, T25, T27, T30, T40
SC9543MR01	79094-03M	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
		2222-02 2222-04 2222-06	3221-03 3221-06 4251-03R 4222-10
		3824	2179DF 2312-06 3781-11F
		2791 3792 4791R	79831 6111-07 2141 6011-10R
		4452-18FR	4581-10 7821-30 3812
		4766-10G	2766-55G

ST2346MR 1/4""

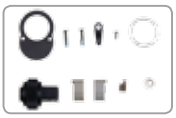
46 PC.

- Standard socket: 4, 4.5, 5,5. 5, 6, 7, 8, 9, 10, 11, 12, 13,14 mm
- Bit socket:T8, T10, T15, T20, T25, T30, T40
- Bit socket:H3, H4, H5, H6, H7, H8
- Bit socket:PH1, PH2, PH3
- Bit socket:4, 5.5, 7
- Bit socket:PZ1, PZ2, PZ3
- Hex key:H1.27, H1.5, H2, H2.5
- 15° gear action quick release ratchet
- U-joint, sliding T-handle, extension bar 55, 100 mm
- Flexible extension bar 150 mm
- Driving handle 150 mm

1.06 1 / 12

ST4528MR

ST4028MR 1/2""



4766DK

24 PC.

- Standard socket: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 mm
- Spark socket: 13/16"
- U-joint, sliding T-handle,
- Extension bar 125, 250 mm
- 8° gear action quick release ratchet

4.14 1 / 4

ST87432-5B

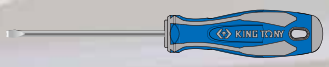
ST87434-7B

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

Notes



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
Nm	0.30	0.40	0.7	1.3	2.6	5.5	9.4	11.5	25.6
Metric screws									
Flat head ISO 2009		1.6	2	2.5	3	3.5	4 5		
Flat head 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		
Oval head DIN 964		1.6	2	2.5	3 3.5	4	5		
Cheese head ISO 1207						3.5	4	5	6
Cheese head 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
Pan head 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
Nm		1	3.5	6.2	19.5	38
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
Nm			0.43	0.75	1.4	2.2	2.8	3.7	6.4	10.5	15.9	22.5	31.1	54.1
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

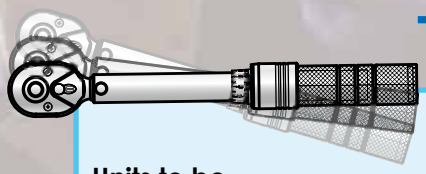
TORX external screw		E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20
	S(ref.mm)	3.83	4.72	5.69	6.17	7.47	9.37	10.03	11.12	12.85	14.71	16.64	18.41
	Screws(ref)	M3	M4	M5	M6	M6/M7	M8	M8/M10	M10	M12	M12	M14	M16
		E22	E24	E26	E28	E30	E32	E34	E36	E38	E40	E42	E44
	S(ref.mm)	20.24	22.1	23.85	25.65	27.38	29.16	30.96	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	Bolts and nuts classes (Metric threads, triangular shape, high pitch,0.15 coefficient)					
			4.8	5.8	6.8	8.8	10.9	12.9
			Torque Nm	Torque Nm	Torque Nm	Torque Nm	Torque Nm	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

1 Nm = 0.738 ft.lb. = 8.85 In.lb. = 0.10 Kgf.m = 10.20 Kgf.cm



Torque Conversion

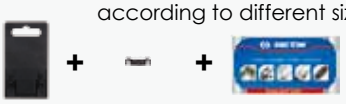
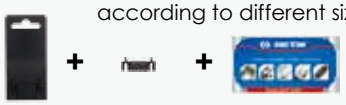
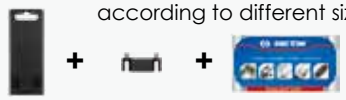
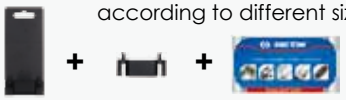
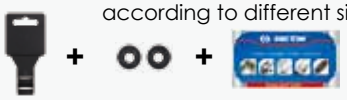
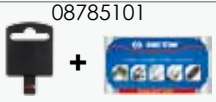
Units to be	Corresponding unit					
	lbf.in	**lbf.ft**	**kgf.cm**	**kgf.m**	**cN.m**	**N.m**
1 lbf.in	1	0.083	1.152	0.0115	11.3	0.113
1 lbf.ft	12	1	13.83	0.138	135.6	1.356
1 kgf.cm	0.868	0.072	1	0.01	9.807	0.098
1 kgf.m	86.8	7.233	100	1	980.7	9.807
1 cN.m	0.088	0.007	0.102	0.001	1	0.01
1 N.m	8.851	0.738	10.20	0.102	100	1

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	08785101 	Power driving 9.5mm groove	KT No. & D1

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