KING TONY



• Quality • Innovation • Health • Enjoyment •

2014/15

Enjoy your work

KING TONY

Enjoy your work

• Quality • Innovation • Health • Enjoyment •

Brand Vision

King Tony engaged in supplying professional tools for more than 30 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.





Quick Reference

Tools Storage & Tools System Sets	28
Hand Sockets & Accessories (1/4", 3/8", 1/2", 3/4" , 1" Drive & Combination Set)	98
Impact Sockets & Accessories (1/4", 3/8", 1/2", 3/4", 1", 1- 1/2" Drive)	180
Pneumatic Tools (Impact wrench, Air ratchet wrench, Impact screwdriver)	222
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Company Profile

KING TONY

Enjoy your work

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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.



—ISO 14001—



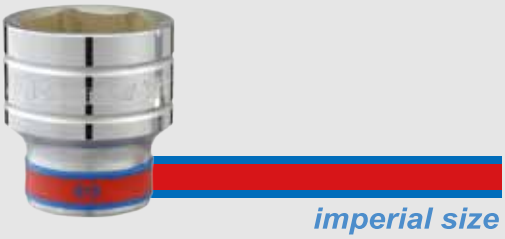
Intellectual Property

New Registered Trade Mark

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



BRANCHES :

- **France :**
  3 Rue des imprimeurs, ZI République Nord,
  86000 POITIERS, France
- **Germany :**
  Robert-Perthel Strasse, 79 50739, Koln, Germany
- **Spain :**
  Paseo de la Castellana, 241-4°B 28046
  Madrid, España
- **Belgium :**
  Rond-Point Schuman, 6 1040 Bruxelles /
  Brussel, Belgium
- **U.S.A. :**
  2432 Peck Rd , City of industry CA 90601, U.S.A.
- **Mexico :**
  Av San Jose No. 15-A,Col. , Zona Industiral La Presa,
  C.P. 54187 Tlalnepantla, 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)



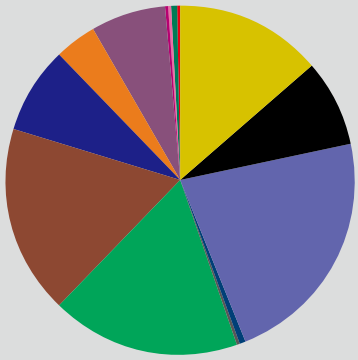
King Tony Brand:
Well spread (Fe) element will bring better strength.
(good)

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.

Finest material for tools

Element composition %





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

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

DURABILITY

Professional production & quality control



DIN 30%

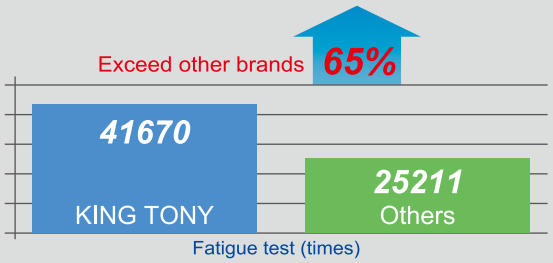


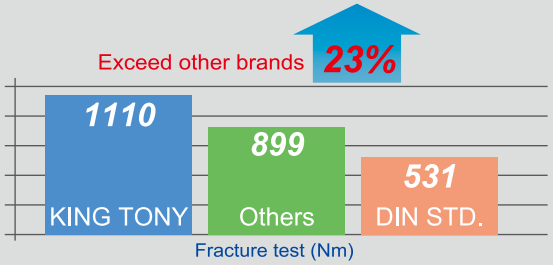
DIN 50%

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.

Extremely hard-wearing performance



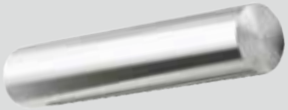


1/2DR. 19mm hand socket (433519MR)

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

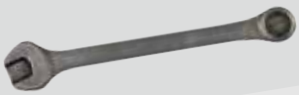
01 Raw Material



02 Hot Forge



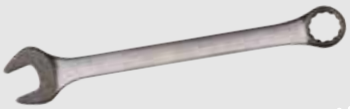
03 Barreling



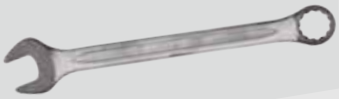
04 Polishing



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




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



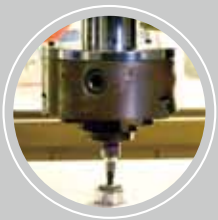

Test pulling force of product especially for joint workpiece according to DIN standard.

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

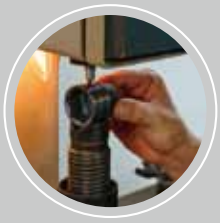



Measure parts for difficult angle or in the narrow space.

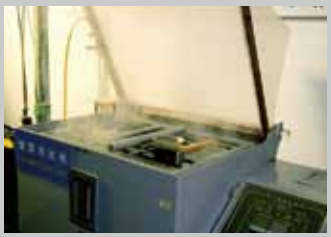
18 Carton busting strength tester



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

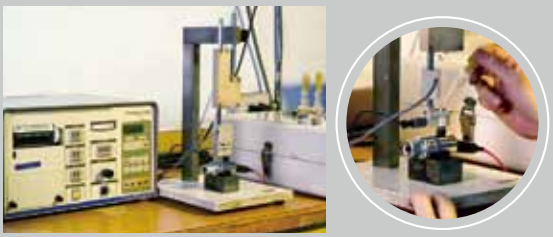


04 Salt-water spray tester



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
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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

PRODUCTION PROCESS

01 Hot Forge




Heat to take shape, complete fibers and 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

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 Rubber Strip




The unique bi-colors rubber stripe 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.



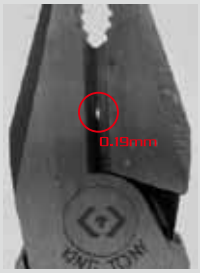
Precise tolerance on dimension

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)

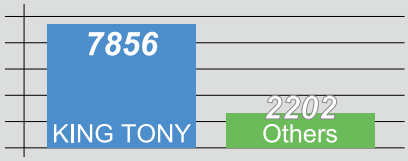


King Tony Brand:
Wore down 0.19mm
(good)



Other Brand:
Wore down 0.33mm
(not good)

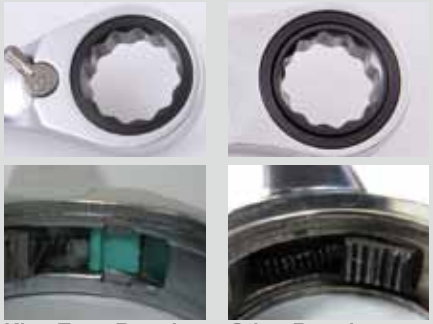
Exceed other brands **356%**



KING TONY combination pliers are sharp and triple of its life for cutting than others.

Advanced structure saves time

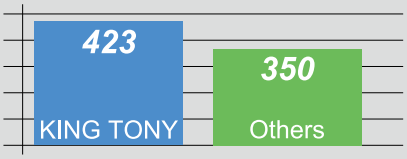
There are more and more improved tool structure comes out every year. King Tony selects useful idea and engineering function on developing new product within quality and economic concern. Every piece of component is designed for the comfort to users.



King Tony Brand
(good)

Other Brand
(not good)

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.

Hand gripping test to work direction





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.



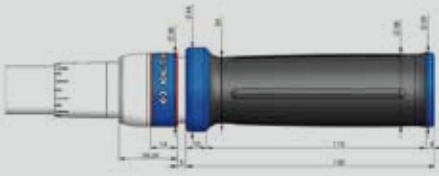
Recycleable





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.



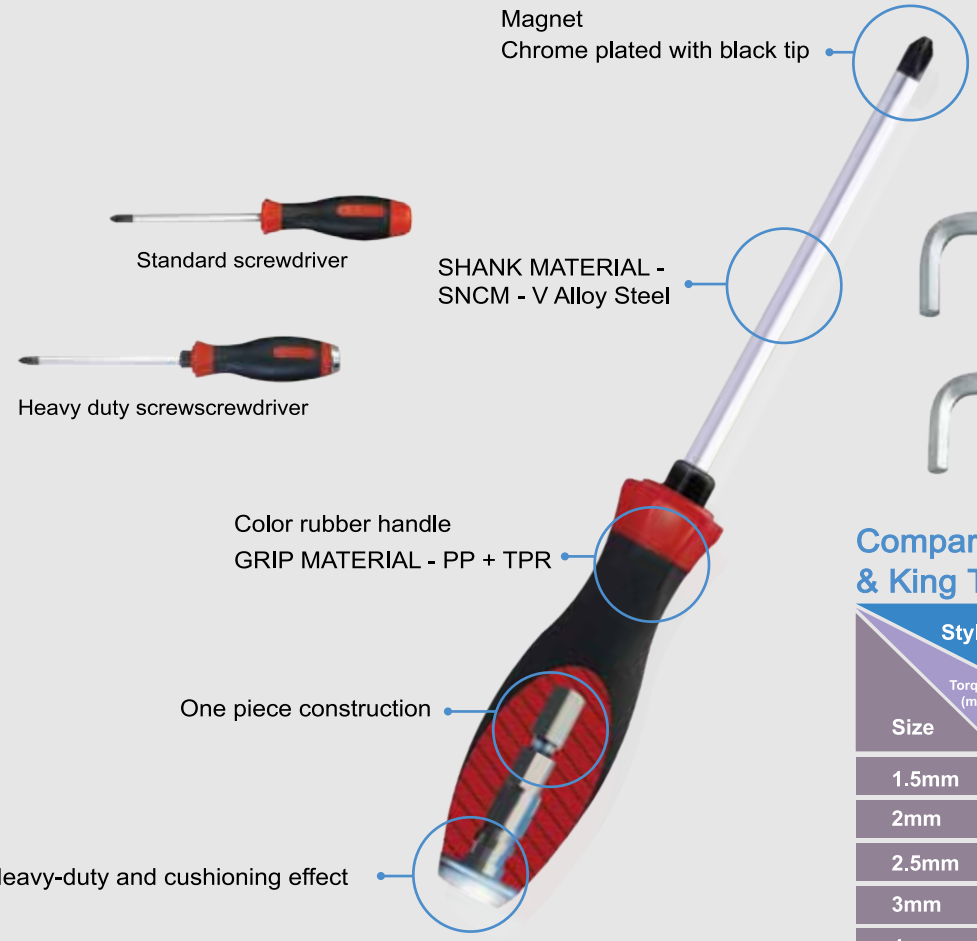








Innovation









Comparison between DIN standard & King Tony standard for **hex keys**

Style / Size / Torque (min)	Hexagon		Hexagon with ball point
Size	DIN	KING TONY	KING TONY
1.5mm	8.36	8.6	5.5
2mm	19.4	21.0	14.1
2.5mm	38.8	46.0	31.0
3mm	67.3	77.0	54.0
4mm	163.0	192.0	154.0
5mm	306.0	392.0	255.0
6mm	530.0	694.0	418.0
7mm	795.0	1074.0	685.0
8mm	1224.0	1664.0	1021.0
10mm	2243.0	3059.0	1635.0
12mm	3773.0	4980.0	
14mm	6016.0	7821.0	

Torque unit: kg-cm



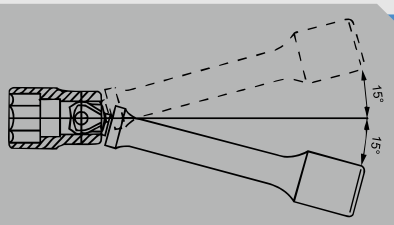
- Insert a bolt/nut fully into the deepest position of a socket opening.
- Use a right size socket, whose opening fits a bolt/nut correctly.
- Wear safety goggles and a hearing protection aid while using an impact wrench.
- Do not touch a spinning impact tools.
- Do not combine several extensions, weld handles, or alter the surface of any tools.

Offset Extension Bar

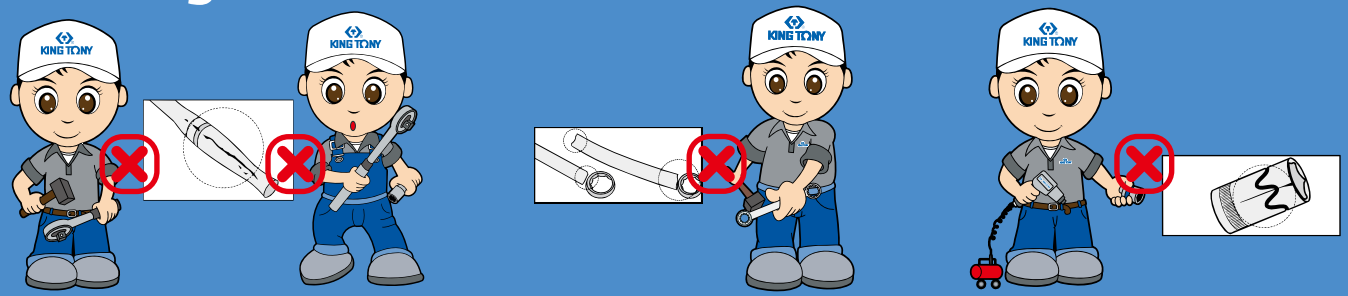
The offset extension bar bears less torque than normal extension bar. Do not use it as a normal extension bar.



One-way usage: flexible extension bar angled at 15°



Safety instruction



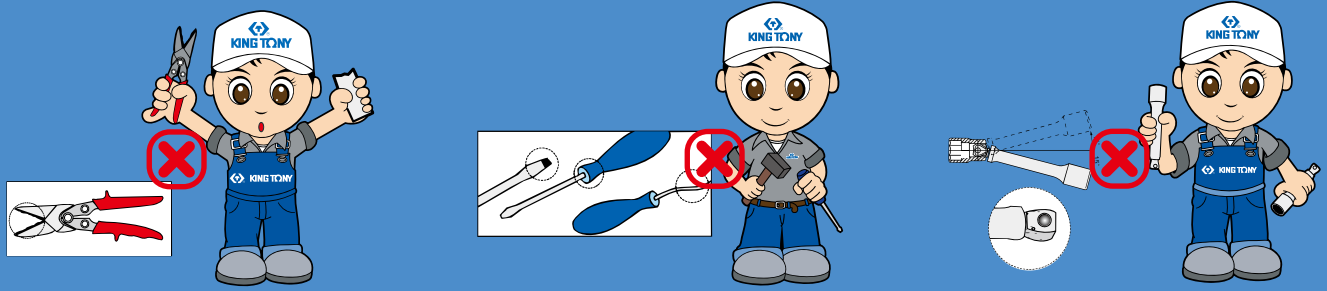
Electronic Torque Wrench



Electronic Torque Adapter







Torque Screwdriver

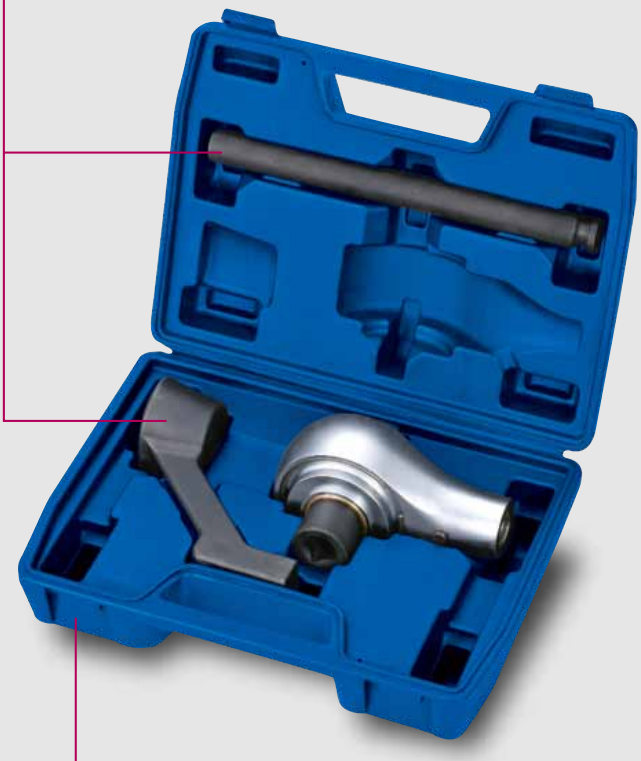




- Tolerance of torque within ±5% quality meets DIN ISO 6789 & ASME B107.14M-2004

Torque Multiplier

- Reaction bar supplied in two styles for maximum versatility.

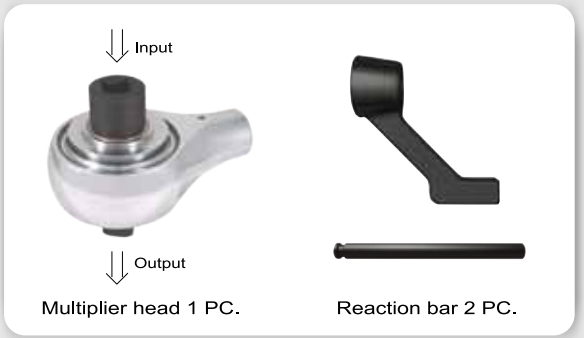


- Portable package brings convenience for use in different working places.



- Torque multiplication with 1:5, accuracy guaranteed better than ± 5 %.

Set contents:



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
- Impact Socket
- Ribe Bit Socket
- Phillips Head
- POZIDRIV
- Slotted Head
- Internal Square
- External Square
- Ball Hex
- External Square
- Pin

- Tool Box
- ISO
- U.L. Approual
- Accessory
- Impact Accessory
- Other
- Tray
- Gear Puller
- Wrench
- Pliers
- Snips
- Hammer
- Tube Cutter
- CE Certificate
- G.S. Approval
- VDE Certificate
- Q'ty / Carton
- Q'ty / Box
- (g) (kg) Weight

- 1000V Insulated
- Diameter
- (mm) Capacity of Open Jaw
- External Circlip
- Internal Circlip
- Circlip Pliers Head Size
- Diesel engine
- Petrol engine
- BELT Timing Belt
- CHAIN Timing Chain
- Small Commercial Vehicles
- Construction Vehicles
- Buses
- Chassis
- Passenger Cars
- Commercial Vehicles
- Engine Series
- Agricultural Machinery
- Agricultural Machinery-Tiller
- Motorcycles
- Steel Construction
- Assembly Line



Exhibitions and Car advertisements

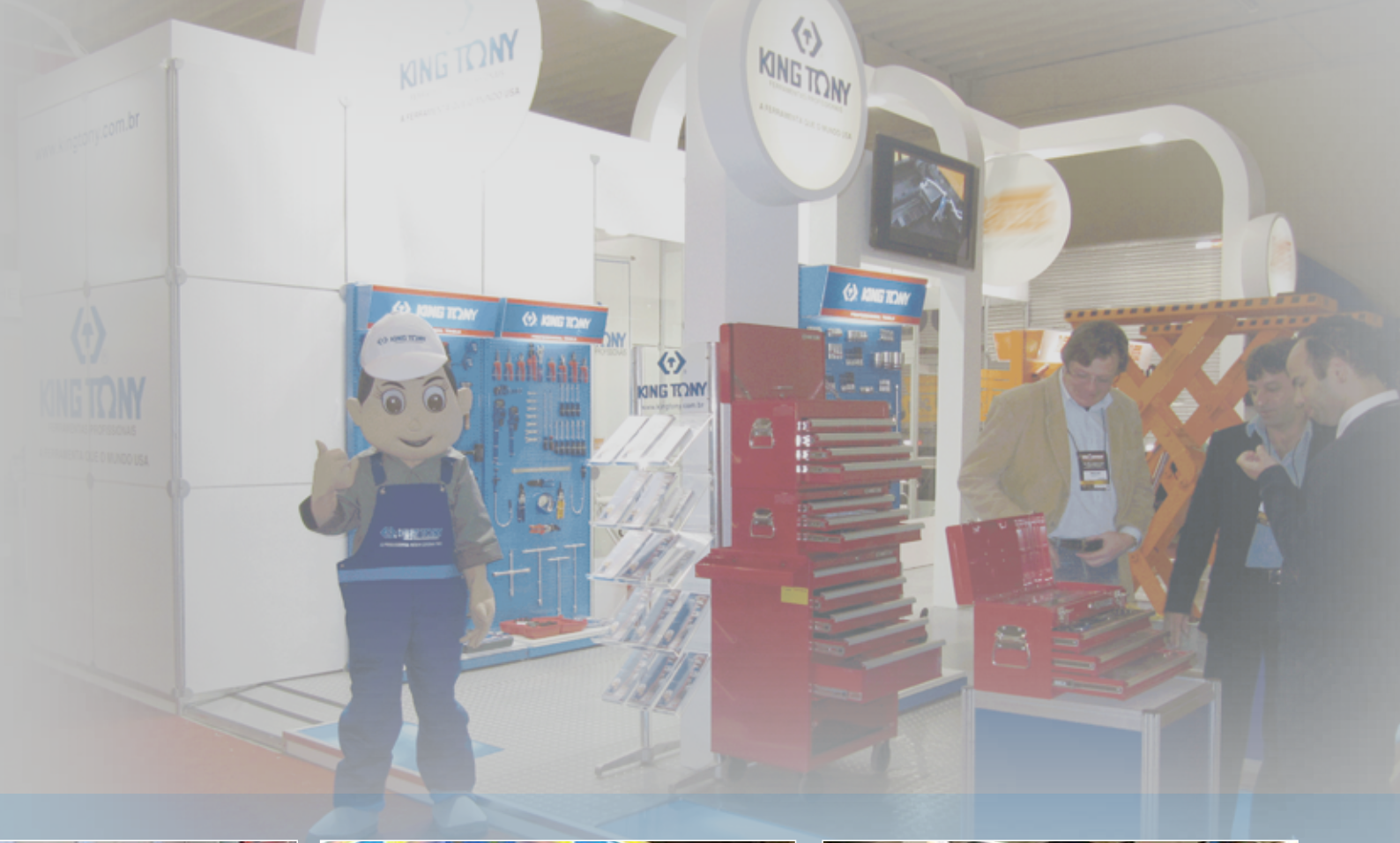








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INFORMATION


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Motorsport and Partnership












RADIAL
NEUS


KING TONY


Enjoy Your Work
PIT BOX






elf


KING TONY
PROFESSIONAL TOOLS


KING TONY
KING TONY

Gift



ZS104
Size - 11 x 9 cm
Leather Male Wallet



ZS105
Size - 8.5 x11 cm
Leather Wallet
For Business Card



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



ZS107
Size - 40 x 29.5 x 8 cm
Briefcase (Leather)



ZS108
Leather Belt (Male)



ZS113
Size - 9.5 x 6.1 x 12 cm
Case For Business Card



ZS402
Ball-Bearing Pen



ZS403
Ballpoint Pen



ZS405
Ball-Beaning Pen



ZS510
Notepaper



ZS511
Paper Cup



ZS512
Note Book



ZS110
Work Hat



ZS109 - L	165 cm
ZS109 - XL	173 cm
ZS109 - 2L	180 cm
ZS109 - 3L	190 cm

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 - XXL	20"	47"
ZS111 - 3XL	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 - XXL	18"	42"
ZS111A - 3XL	19"	44"

Polo Shirt



ZS520
Necktie



ZS521
Necktie Clip



ZS119
Handbag



ZS208
Hand Pressing
Flash Light

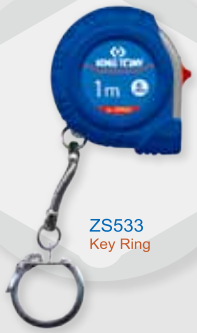
Gift



ZS522
Key Ring



ZS524
Key Ring



ZS533
Key Ring



ZS529
Paper Clip Of
Dr.Q Toy Figure



ZS534
Photo Frame Of
Dr.Q Toy Figure



ADFLAG
Size - 25.4 x 16 cm
KingTony Small Flag



ADFLAG1
Size - 930 x 1430 mm
KingTony Big Flag



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



ADVT-A Ø - 450 mm Display Card
ADSTK-A Ø - 150 mm Sticker



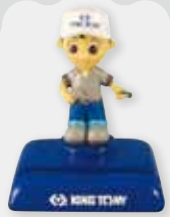
ADVT-B Ø - 450 mm Display Card
ADSTK-B Ø - 150 mm Sticker



ADVT-H Ø - 450 mm Display Card
ADSTK-H Ø - 150 mm Sticker



ADVT-P Ø - 450 mm Display Card
ADSTK-P Ø - 150 mm Sticker



ZS535
Card Holder Of
Dr.Q Toy Figure



ZS306
Size: 180x147.5x3mm
Mouse Pad



ZS408
Ruler 30 cm



ZS409
Size: 310x220mm
A4 L Shape Clear File



ZS410
Size: 310x495x17mm
A4 Clear File
with 20 Pockets



ZS411
Size:530x367x2mm
Mat



ZS508
Size: 80x100mm
Sticky Note



ZS116
Size:68x8K
Golf umbrella



	Overall	Shoulder width (inch)	Chest girth (inch)
ZS134 - S		16"	38"
ZS134 - M		17"	40"
ZS134 - L		18"	42"
ZS134 - XL		18-1/2"	44"
ZS134 - 2XL		19"	46"

T-shirt

Tool display

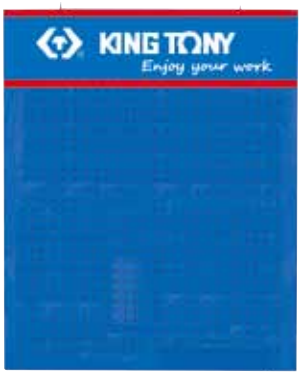




87301
Display Hook

87301- 494A 4" x Ø 4 mm
87301- 496A 6" x Ø 5.2 mm
87301- 498A 8" x Ø 5.2 mm





87203
Display Board

Wall hanging type30 PC. hook included
Overall Size -W 725 x D 14 x H 900 mm
Weight - 11.5 Kg / Cuft - 0.328

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. hook





91431
Hammer Hook

Overall Size -
W 40 x D 210 x H 240 mm
Weight - 411.6 g
Cuft - 0.072

9TE41
Hook For Torque Extension Bar

Total Length - 311mm
Weight - 196.4 g
Groove capacity: 22 mm

Reference:
9TE41 199







Impact Wrench Hook

91451-01A
(1/4"x19 BSP)
91451-01B
(1/4"x 18 NPT)

9TE31 new

Magnetic Holder for Impact Wrench

Overall Size -
W 101 x D 101.5 x H 394 mm
Weight -1.3 Kg

Reference:
1090PR1 📖 456



87103

Socket Shelf

Width can be adjustable offering to display multiple socket series Single serial socket size tab attached
Overall Size -
W 415 x D 336 x H 320 mm
Weight - 5.87 Kg
Cuft - 0.54

Reference:
4072MR / 4572MR 📖 149
4072SR / 4572SR 📖 149
4066MR / 4566MR 📖 140
4066SR 📖 140
4472MP/4472SP 📖 205
4466MP/4466SP 📖 205



8711B

Metal Holder

Overall Size -
W 600 x D 240 x H 60 mm
Weight - 6.2 Kg
Cuft - 0.9

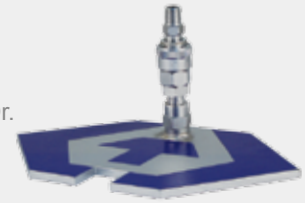
Reference:
1090PR1 📖 361



87106

Impact wrench display stand

Applied for 1/2" Dr. & 3/4" Dr. impact wrench Steel plate with chrome plated air hose adapter attached



87105 / 87110 / 87111

Screwdriver Shelf

Overall Size -
W 600 x D 240 x H 210 mm
Weight - 3.38 Kg
Cuft - 1.086

Reference:
87105 (31416MR 📖 327)
(31516MR 📖 327)
87110 (31512MR 📖 327)
87111 (31519MR 📖 327)





87104 new

Screwdriver Shelf

Overall Size -
W 325 x D 205 x H 270 mm
Weight - 1.2 Kg
Cuft - 0.3



87352

Bit Display Box

Overall Size -
W 318 x D 235 x H 183 mm
Weight - 1.3 Kg
Cuft - 0.4





87119

Paper 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

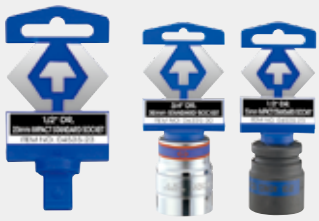
Reference:
87119 📖 25

Holder For Other Tools



Individual pack
Finger - safe design socket insert
Housing material - PP
Lock pin is optional





Applied Item

8772KT 30 x 63 mm (1/4" Dr. socket)
8773KT 30 x 65 mm (3/8" Dr. socket)
8774KT 44 x 85 mm (1/2" Dr. socket)
8776KT 60 x 108 mm (3/4" Dr. socket)

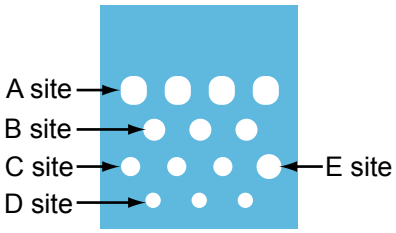
Applied Item

8781007KT (applied to 1/4" Ratchet ,Slideing T- handle,Wrench 6~12mm)
8781012KT (applied to 3/8" Ratchet ,Slideing T- handle,Wrench 13~23mm)
8781013KT (applied to 1/2" Ratchet ,Slideing T- handle,Wrench 13~23mm)
8781032KT (applied to 3/4" Ratchet ,Slideing T- handle,Wrench 24~32mm)

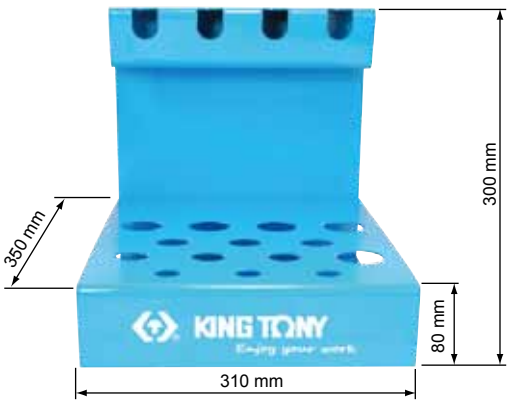
Tool display

Torque Wrench Display Stand

Overall Size -
W 725 x D 14 x H 900 mm



87151

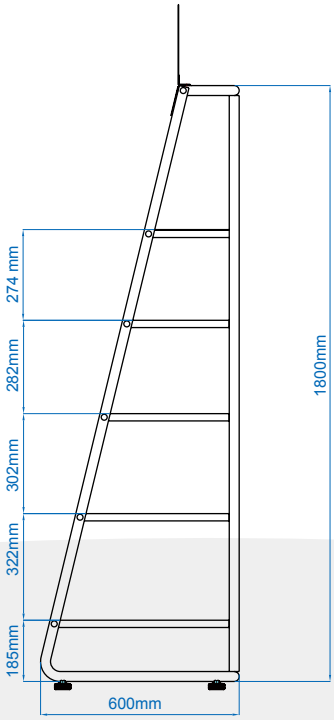




Site	Square driver	Model	Overall length (mm)	Applied to torque wrench				
A	3/8" 1/2"		435	34362-2CG	34362-2DG	34362-2EG	34422-3GG	
			521	34462-1CG	34462-1DG	34462-1EG	34462-1FG	34422-1GG
			613	34462-2CG	34462-2DG	34462-2EG	34462-2FG	
	3/8" 1/2"		430	3436A-2DG	3436A-2EG			
			490	3446A-1DG	3446A-1EG			
			590	3446A-2DG	3446A-2EG			
	9x12mm 14x18mm		430	34512-3CG	34512-3DG	34512-3EG	34512-3FG	
			430	34522-1CG	34522-1DG	34522-1EG	34522-1FG	
			485	34522-2CG	34522-2DG	34522-2EG	34522-2FG	
			580	34522-3CG	34522-3DG	34522-3EG	34522-3FG	
	3/8" 1/2"		450	34423-1A	34423-1B	34423-1C		
			570	34423-2A	34423-2B			
	3/8" 1/2"		460	34367-2AG	34387-2AG			
			530	34467-1AG	34487-1AG			
	3/8"		425	3436E-2HG				
			500	3436E-3HG				
	1/2"		556	3446E-1HG				
			600	3446E-2HG				
B	1/4" 3/8"		281	34262-2DG				
			324	34262-1CG	34262-1DG	34262-1EG	34262-3DG	
			324	34362-1CG	34362-1DG	34362-1EG	34362-3DG	
	1/4"		285	3426A-1DG	3426A-1EG			
			325	3426A-2DG	3426A-2EG			
	9x12mm		261	34512-1CG	34512-1DG	34512-1EG	34512-1FG	
			306	34512-2CG	34512-2DG	34512-2EG	34512-2FG	34512-4CG
	1/4" 3/8"		280	34223-1A	34223-1B			
			370	34223-1C	34323-1A	34323-1B	34323-2A	34323-2B
	1/4"		180	34111-1DG	34111-1EG			
C	1/4" 3/8"		280	34223-1A	34223-1B			
			370	34223-1C	34323-1A	34323-1B	34323-2A	34323-2B
	3/4"		L110xW56 mm	34607-1A				
	3/8"		338	3436E-1HG				
			320	3426E-1HG				
D	1/4" 3/8"		210	3426C-1DF	3436C-1DF			
			248	3426C-2DF	3436C-2DF			
	1/4" 3/8" 1/2"		L75xW45 mm	34207-1A	34307-1A	34407-1A		
E	1/4"		248	34111-2DG	34111-2EG			

Tool display







(Example)

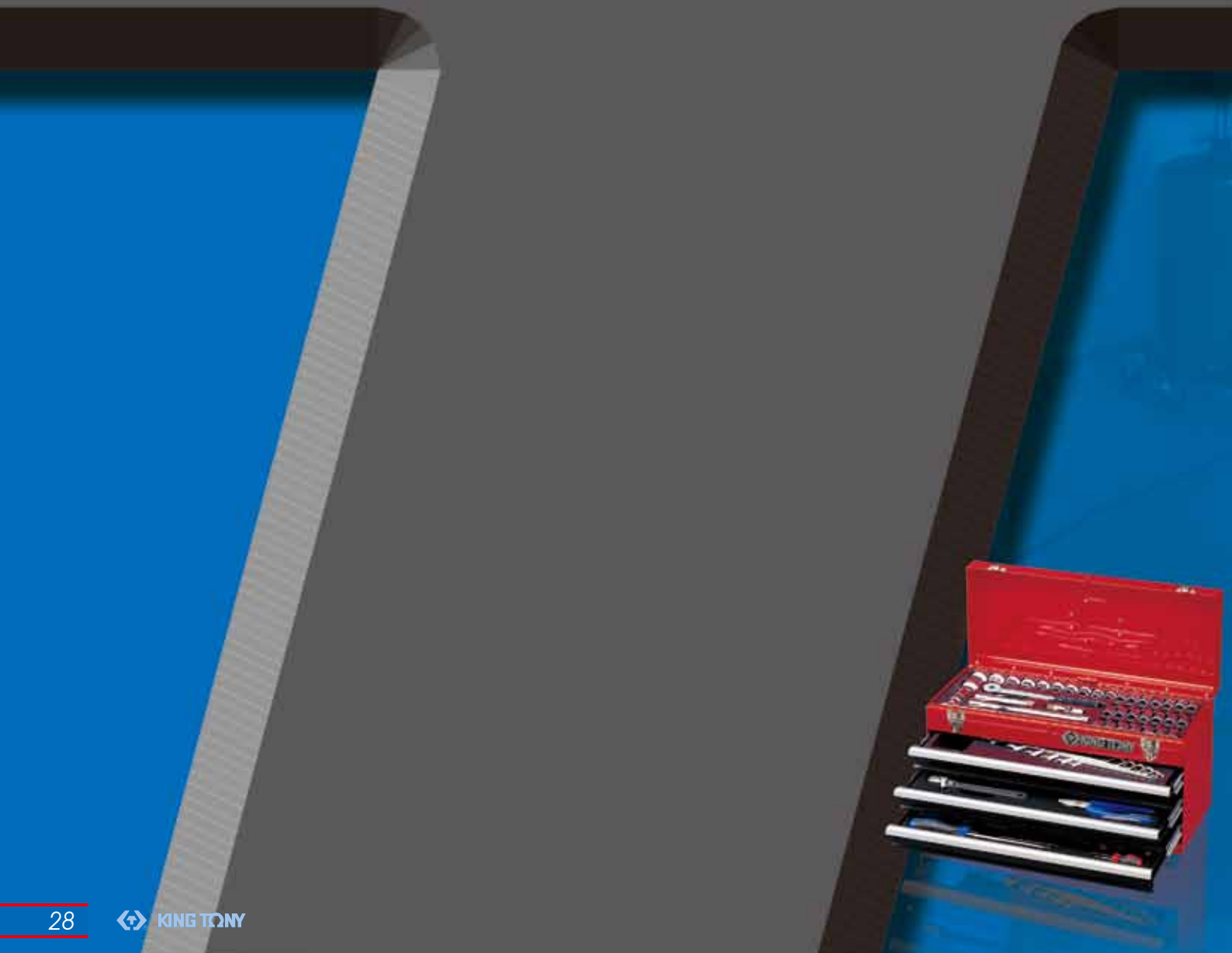
87160

Display Rack

Overall Size -
W 400 x D 600 x H 2070 mm

Tools Storage & Tools System Sets

- Tools Trolley Set
- Tools Chest Set
- Tools Box Set
- Tools Set Content
- Tools Trolley
- Workbench
- Tools Chest
- Tools Box











87438-3B-GG



87432-5B-BK



87432-5B-RK



87432-5B-OK



87432-5B-B



87432-5B

Evolution Roller



- Enlarge storage for long straight object or tools, 10 slots holes.
- All corners placement for large object or tools, 4 slots holes.
- Increase storage arrangement to 850mm length tools.
- Folded edges for magnetic holder or tools, 80mm width.
- Multifunctional concave shape for safety placement of tools.
- Hanging solutions with various additional accessories.

▪ Accessory for Evolution Roller

87430A1
Multipole space bar



87430A2
Pull handle bar
Size: ø26 x 320mm



87430A3
Large tool holder
Size: 375 x 125 x 240mm



87430A4
Tool bin & oil can holder
Size: 365 x 80 x 90mm



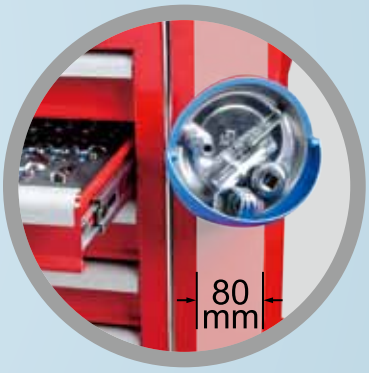
87502-050
U Shape hook



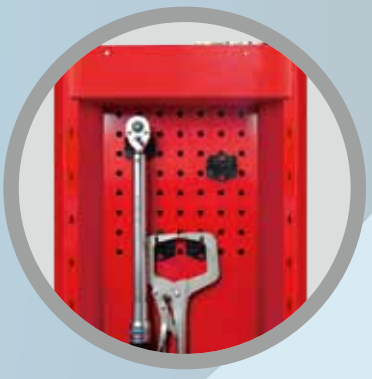




















KT NO.	Contents		17.5	1 / 1
87430A		87430A1	Multipole space bar x 2	
		87430A2	Pull handle bar x1	
		87430A4	Tool bin & oil can holder x 2	
		87502-051	Single hook x4	



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





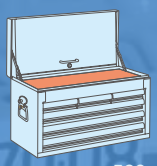
Tools Control & Security Storage System

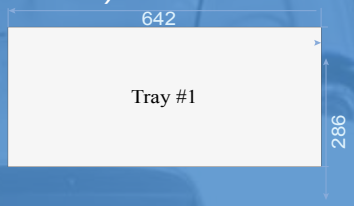
HOW TO COMPLETE YOUR TOOL TROLLEY SET



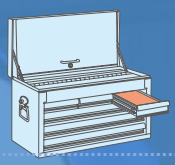


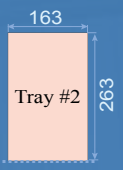
Drawer A1 (646x290 mm)



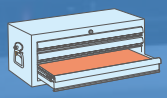


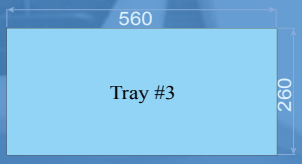
Drawer B1 (172x275 mm)



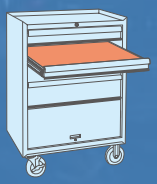


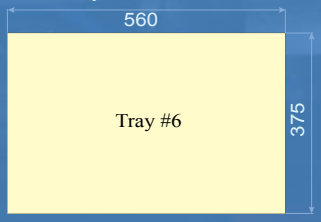
Drawer B2 (572x275 mm)

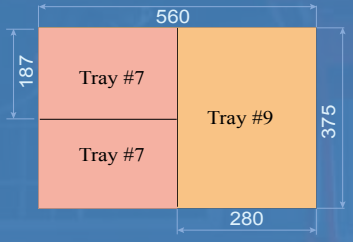


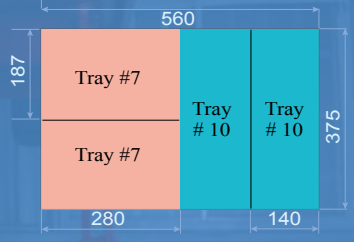


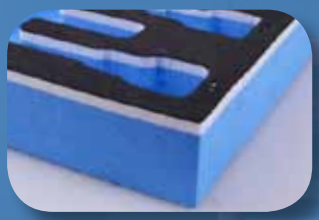
Drawer B3 (579x380 mm)



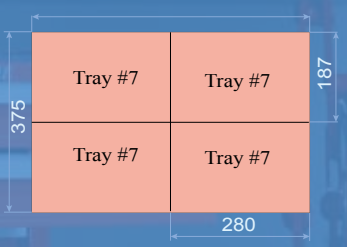


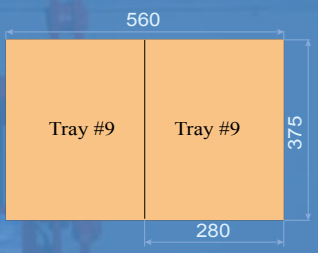






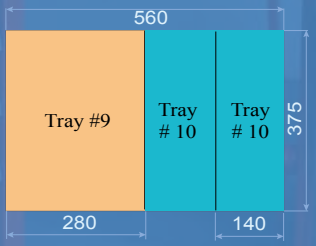


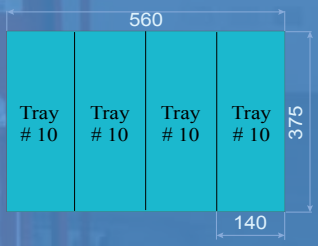












- **Security:**
  Separate spaces for each tools to prevent them being left in dangerous areas.
- **Benefit:**
  Tools are quickly located and immediately returned after use to avoid loss.
  3 colors EVA foam offers convenient identification of use with sustained sizes and mark.
- **Efficiency:**
  A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

Tool Trolley Set

934-010 MRV

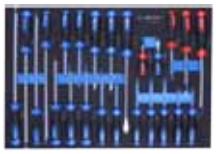
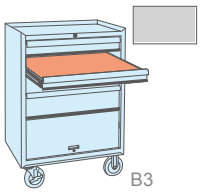
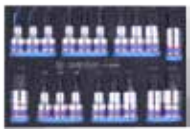
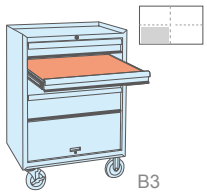
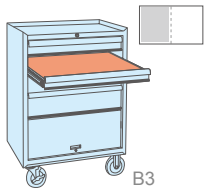
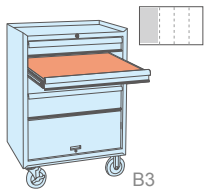
- 286 PC. tool trolley set
- Special tool set for Automobile, suitable for VOLKSWAGEN-GROUP, MERCEDES-BENZ, OPEL, BMW & Japanese passanger car.



934A-010 MRV new

Tool trolley:



Tray No.	Set	Use Drawer
Tray # 6	*560 x 375 mm*  9-31124MRV 41	 B3
Tray # 7	*280 x 187 mm*  9-2565MRV 41  9-4129PRV 42	 B3
Tray # 9	*280 x 375 mm*  9-90119MRV 43  9-1220MRV 42  9-4537MRV 43  9-3544MRV 43	 B3
Tray # 10	*140x 375 mm*  9-4147PRV 44  9-4401MPV 44  9-90135MRV 44  9-90118PRV 44  9-40104GPV 43  9-40113GPV 44	 B3
	 87434-7B  87430A 31 (934A-010MRV use)	

KT NO.	Spec.	Kg	CUFT
934-010MRV-A	87434-7B	64.0	12.24
934-010MRV-DA	286 PC. trolley contents	19.4	2.10
934-010MRV-DB	286 PC. trolley contents	9.4	0.87
934A-010MRV-A	87434-7B	64.0	12.24
934A-010MRV-DA	286 PC. trolley contents	19.4	2.10
934A-010MRV-DB	286 PC. trolley contents	9.4	0.87
934A-010MRV-B	87430A	17.5	-

Tool Trolley Set

934-011 MRV new

▪ 325 PC. tool trolley set



Tray No.	Set	Use Drawer
Tray # 6	*560 x 375 mm* 9-90413TQV 41 9-31124MRV 41	B3
Tray # 7	*280 x 187 mm* 9-2565MRV 41 9-4143FRV 42	B3
Tray # 9	*280 x 375 mm* 9-90119MRV 43 9-1220MRV 42 9-1112MRV 42 9-4537MRV 43 9-3544MRV 43 9-22108MRV 42	B3
Tray # 10	*140x 375 mm* 9-44214GPV 44 9-90118PRV 44 9-90135MRV 44 9-40113GPV 44 9-40104GPV 43	B3



934A-011 MRV new

Tool trolley:



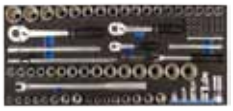
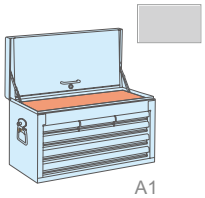
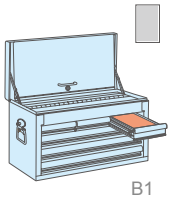
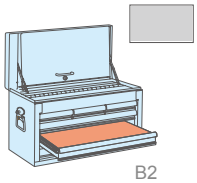
KT NO.	Spec.	Kg	CUFT
934-011MRV-A	87434-7B	64.0	12.24
934-011MRV-DA	325 PC. trolley contents	22.83	2.62
934-011MRV-DB	325 PC. trolley contents	10.52	1.11
934A-011MRV-A	87434-7B	64.0	12.24
934A-011MRV-DA	325 PC. trolley contents	22.83	2.62
934A-011MRV-DB	325 PC. trolley contents	10.52	1.11
934A-011MRV-B	87430A	17.5	-

Tool Chest Set

911-004 CRV new

- 187 PC. tool chest set



Tray No.	Set	Use Drawer
Tray # 1	*642 x 286 mm*  9-7077CRV 37	 A1
Tray # 2	*163 x 263 mm*  9-40112GPV 38  9-40122GPV 38  9-42102GPV 39	 B1
Tray # 3	*554 x 260 mm*  9-90145CRV 40  9-91126SRV 40  9-91131MRV 40	 B2
	 79083-05C  7811-16  87411-6B 94	

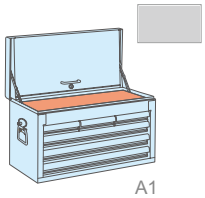
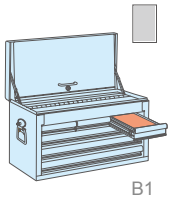
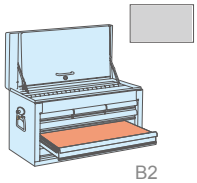
KT NO.	Spec.	Kg	CUFT
911-004CR-A	87411-6B	25.4	3.97
911-004CR-D	107 PC. trolley contents	24.8	1.52

Tool Chest Set

911-000 CRV new

▪ 219 PC. tool chest set

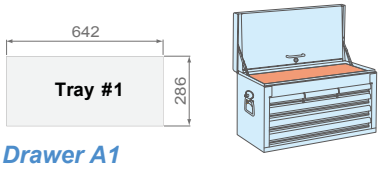


Tray No.	Set	Use Drawer
Tray # 1	*642 x 286 mm*  9-7069CRV 37	 A1
Tray # 2	*163 x 263 mm*  9-42114GPV 39  9-40102GPV 38  9-2548CRV 38	 B1
Tray # 3	*560 x 260 mm*  9-90129CRV 39  9-90128SR 67  9-90138CR 66	 B2
	 7911-12  87411-6B 94	

KT NO.	Spec.	Kg	CUFT
911-000CRV-A	87411-6B	24.8	3.97
911-000CRV-D	219 PC. trolley contents	22.87	2.13

Tool Set Content

Tray category #1 (642 x 286mm)



Drawer A1

9-7069 CRV new

KT NO.	Contents			8.8 1 / 4
9-7069CRV	○	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	
	○ 463521R, ○ 463516R, 3792, 4791R, 3779-08G, 3452-08F, 4452-15FR, 3571-08, 4572-10, 4779-10GR, 3221-03, 3221-06, 4251-05R, 4251-10R, 7911-12, 3812, 4813			



9-9077 CRV new

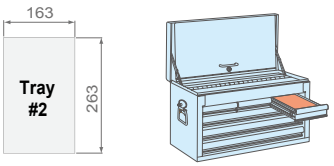
KT NO.	Contents			7.4 1 / 2
9-9077CRV	○	2330M	4, 5, 6, 7, 8, 9, 10	
	○	2330S	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8	
	○	3330M	10, 11, 12, 13, 14, 15, 17, 19,	
	○	3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16	
	○	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	
	○	4330SR	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	
	2779-55G, 2221-04, 3452-08F, 2792, 3814, 3779-08G, 3221-06, 4452-15FR, 3792, ○ 463021R, 4779-10GR, 4251-10R, 4572-12, 4791R			



Tool Set Content

T.C.S.

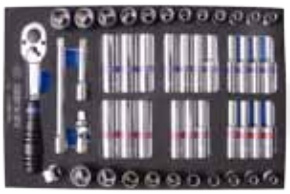
Tray category #2 (163 x 263mm)



Drawer B1

9-2548 CRV new

KT NO.	Contents			kg 1.28 / 1 / 10
9-2548CRV	○	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	2779-55G



9-40102GPV new

KT NO.	Contents		kg 1.0 / 1 / 10
9-40102GPV	6011-10R	6511-10A	



9-40112GPV new

KT NO.	Contents		kg 0.69 / 1 / 10
9-40112GPV	6231-08	6311-08	



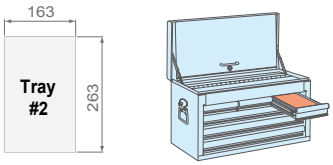
9-40122GPV new

KT NO.	Contents		kg 0.95 / 1 / 10
9-40122GPV	6111-08	6011-10R	



Tool Set Content

Tray category #2 (163 x 263mm)



Drawer B1(172x275)

9-42102GPV

new

KT NO.	Contents	0.32 / 1 / 10
9-42102GPV	68HS-07	68SS-07



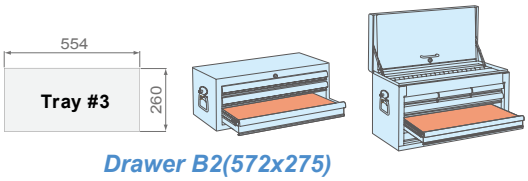
9-42114GPV

new

KT NO.	Contents	0.6 / 1 / 10
9-42114GPV	68SS-07	68HS-07	68SB-07	68HB-07



Tray category #3 (554 x 260mm)



Drawer B2(572x275)

9-90129

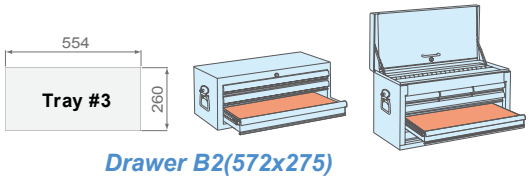
CRV new

KT NO.	Contents			2.5 / 1 / 4
9-90129CR	⊕		1421	No.0 x 60, No.1 x 80, No.2 x 38, No.2 x 100, No.3 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	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10
	6111-07	6231-07	6311-06	



Tool Set Content

Tray category #3 (554 x 260mm)



Drawer B2(572x275)

9-90145 CRV new

KT NO.	Contents			4 1 / 3
9-90145CRV			1060	27, 30, 32
			5060	1-1/16, 1-1/8, 1-1/4
	⊕		1481	1x75, 2x100, 3x150
	⊖		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	T10, T15, T20, T25, T27, T30, T40
	■		7702-25	
	⬢		753-63	
			2141	



9-91126 SRV new

KT NO.	Contents			3.28 1 / 3
9-91126SRV			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	06, 12



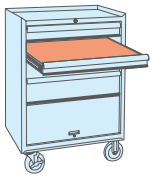
9-91131 MRV new

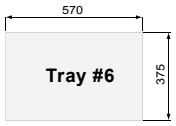
KT NO.	Contents			2.98 1 / 4
9-91131MRV			1930	8x10, 10x12, 11x13, 14x17
			1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24
			1125MR	1.5, 2.5, 2, 3, 4, 5, 6, 8, 10



Tool Set Content

Tray category #6 (560 x 375mm)





Drawer B3

9-31124MRV new

KT NO.	Contents			kg 2.41 / 1 / 5
9-31124MRV		1423	T30x250, T25x250, T20x250, T15x250, T30x125, T27x100, T25x100, T20x100, T15x75, T10x75, T9x75, T8x75, T7x48, T6x48
		1422	3x75, 4x100, 5.5x100, 6.5x100, 10x200, 6.5x38
		1421	No.2x38, No.1x80, No.2x100, No.3x150



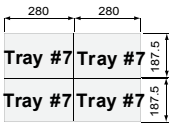
9-90413TQV new

KT NO.	Contents			kg 2.49 / 1 / 5
9-90413TQV		115H	115H08M-14, 115H10M-14, 115H13M-14
	9CZ101	115345R	43240115Y	43280212	48280180
	75102-08G	75202-08G	75302-08G	75402-08G	75502-08G



Tray category #7 (280 x 187.5mm)





Drawer B3

9-2565 MRV new

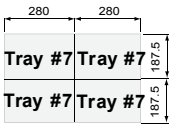
KT NO.	Contents			kg 1.38 / 1 / 10
9-2565MRV		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
		2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
		2375M	E4, E5, E6, E7, E8
		2013X	T8, T9, T10, T15, T20, T25, T27, T30, T40
		2015X	3, 4, 5, 6, 8
		2018X	PZ1, PZ2
		2011X	PH1, PH2
		2012X	3.5, 5.5, 8
		1025T	T6, T7
		1025M	M4, M5, M6, M8, M10
	2792	2813	276A-04G	2221-02 2221-04 2221-06



Tool Set Content

Tray category #7 (280 x 187.5mm)





Drawer B3

9-4129PRV new

KT NO.	Contents			2.07 / 1 / 10
9-4129PRV		4025	3, 4, 5, 6, 7, 8, 10, 12, 14, 17, 19	
		4026	M5, M6, M8, M10, M12, M14	
		402B	M16, M18	

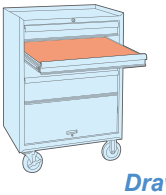


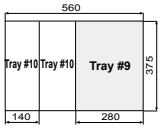
9-4143 FRV new

KT NO.	Contents			1.63 / 1 / 8
9-4143FRV		1636H	H5, H6, H7, H8, H9, 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	



Tray category #9 (280 x 375mm)





Drawer B3

9-1112 MRV new

KT NO.	Contents			2.46 / 1 / 4
9-1112MRV		1900	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32	



9-1220 MRV new

KT NO.	Contents			3.49 / 1 / 4
9-1220MRV		1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	



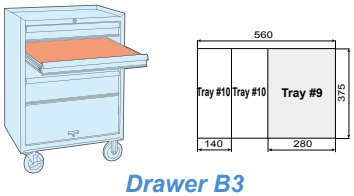
9-22108 MRV new

KT NO.	Contents			0.89 / 1 / 5
9-22108MRV		1160MR	2, 3, 4, 5, 6, 8, 10	



Tool Set Content

Tray category #9 (280 x 375mm)



Drawer B3

9-3544 MRV new

KT NO.	Contents			3.19 / 1 / 5
9-3544MRV	○		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
	3221-03 3221-06 3221-10	3223-14	 3812 3814	3779-08G

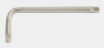


9-4537 MRV new

KT NO.	Contents			4.39 / 1 / 5
9-4537MRV	○		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	 463014R		

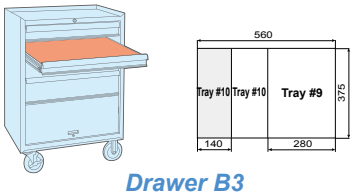


9-90119 MRV new

KT NO.	Contents			3.04 / 1 / 4
9-90119MRV			1970	6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22, 24x27, 30x32
			1143	T10, T15, T20, T25, T27,T30, T40, T45, T50



Tray category #10 (140 x 375mm)



Drawer B3

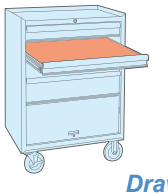
9-40104GPV new

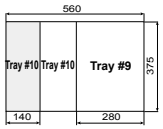
KT NO.	Contents				1.08 / 1 / 8
9-40104GPV	 6311-08	 6111-06	 6231-07	 6319-11C	



Tool Set Content

Tray category #10 (140 x 375mm)





Drawer B3

9-40113GPV new

KT NO.	Contents	1.12 / 1 / 8
9-40113GPV	6011-10R, 6516-10C, 6314-05	



9-4147PRV new

KT NO.			Contents	1.81 / 1 / 5
9-4147PRV	40D	6, 8, 10		
	4066	M8, M9, M10, M12, M14		
	4023	T20, T25, T27, T30, T40 T45, T50, T55, T60		



9-4401 MPV new

KT NO.			Contents	2.23 / 1 / 6
9-4401MPV	4945MX	17, 19, 21		
	4535M	17, 19, 32, 34, 36		
	4415M	17, 19, 21		



9-44214GPV new

KT NO.	Contents	1.08 / 1 / 8
9-44214GPV	67HS-07, 67HB-07, 68SS-07, 68SB-07	



9-90118PRV new

KT NO.	Contents	0.91 / 1 / 6
9-90118PRV	76104-05, 76217-06, 76220-07, 76403-05, 76404-06, 76405-65, 76406-07, 7821-30	



9-90135 MRV new

KT NO.			Contents	1.81 / 1 / 6
9-90135MRV	1930	8x10, 10x12, 11x13, 12x14, 17x19, 19x22		
	1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10		



9-90305TQV new

KT NO.	Contents	0.91 / 1 / 6
9-90305TQV	7971-07, 77141-08, 79083-05C, 9BM120, 77335-25	



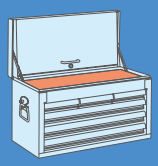
The Way To Fill Your Drawer

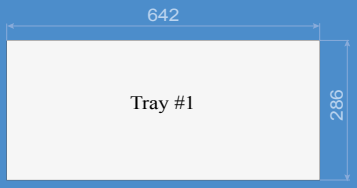
HOW TO COMPLETE YOUR TOOL CHEST SET AND TOOL TROLLEY SET

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

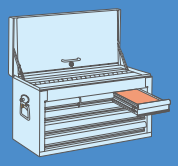


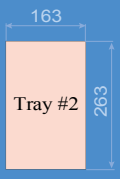
Drawer A1 (646x290 mm)





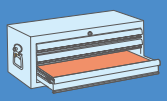
Drawer B1 (172x275 mm)



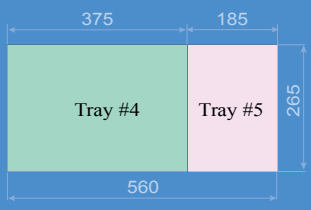


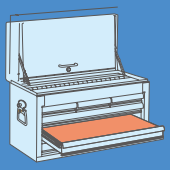


Drawer B2 (572x275 mm)





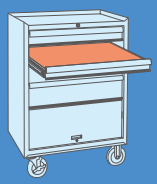


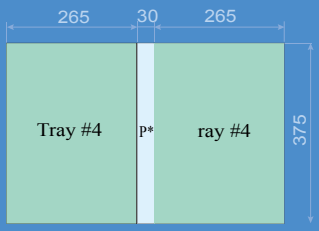


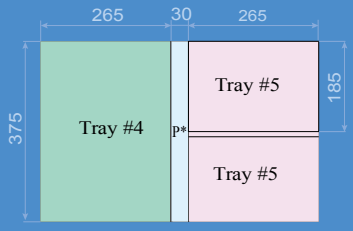


Drawer B3 (579x380 mm)

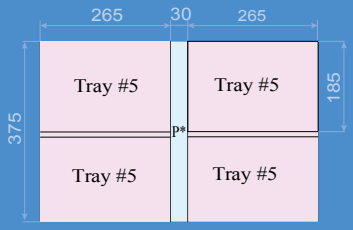


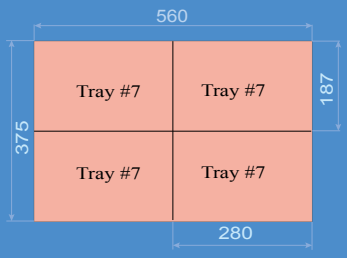


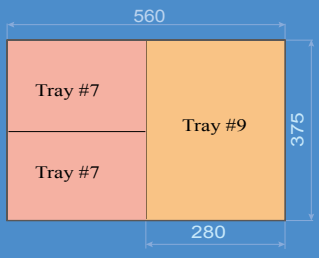


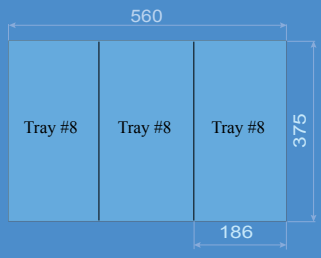


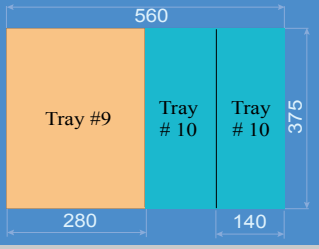


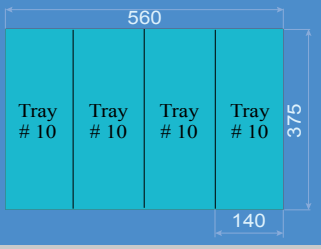












CAUTION

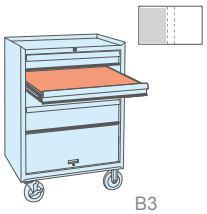
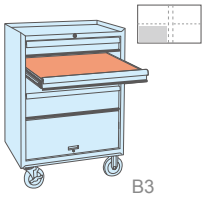
- Do not move the tool unit unless you have closed the cover and locked the drawers.
- Never open more than one loaded drawer at the same time.
- Watch for sharp edges, we suggest to put on gloves before you lift the unit.

Tool Trolley Set

932-009 MR

- 101 PC. tool trolley set



Tray No.	Set	Use Drawer
Tray # 4	*375 x 265 mm*  9-4333MR 73  9-1711MR 70  9-1219MR01 69  9-90106SR 75	 B3
Tray # 5	*265 x 185 mm*  9-4120PR 78  9-4119PR 78  9-40103GP 78	 B3
	 34423-1A  1110MR 266  x3 84700612B  87432-5B  87430A 31 (932A-009MR use)	

KT NO.	Spec.	Kg	CUFT
932-009MR-A	87432-5B	63.5	11.84
932-009MR-D	98 PC. trolley contents	19.8	1.97
932A-009MR-A	87432-5B	63.5	11.84
932A-009MR-D	98 PC. trolley contents	19.8	1.97
932A-009MR-B	87430A	17.5	-

Evolution Roller E.V.O.R

932A-009 MR new

Tool trolley:



Tool Trolley Set

932-010 MR

- 144 PC. tool trolley set

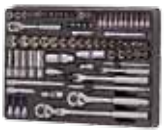
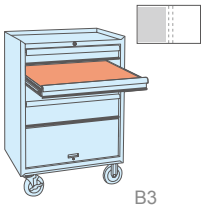
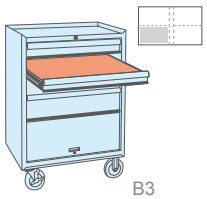


Evolution Roller E.V.O.R

932A-010 MR new

Tool trolley:



Tray No.	Set	Use Drawer
Tray # 4	*375 x 265 mm*  9-4328MR 73  9-5575MR 74  9-1216MR01 69  9-1709MR 70  9-90106SR 75	 B3
Tray # 5	*265 x 185 mm*  9-31106MR 78  9-40103GP 78	 B3
 34423-1A  84700612B  87432-5B  87430A 31 (932A-010MR use)		

KT NO.	Spec.	kg	CUFT
932-010MR-A	87432-5B	63.5	11.84
932-010MR-D	144 PC. trolley contents	17.5	1.97
932A-010MR-A	87432-5B	63.5	11.84
932A-010MR-D	144 PC. trolley contents	17.5	1.97
932A-010MR-B	87430A	17.5	-

Tool Trolley Set

941-000 MR

- 172 PC. tool trolley set



9-1216MR

941-000MR



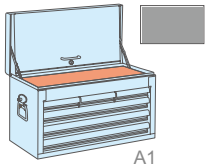
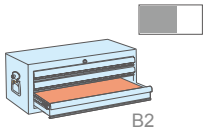
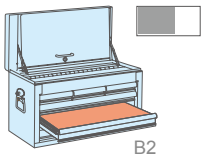
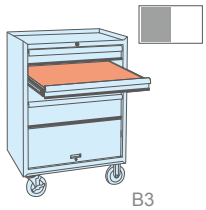
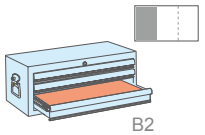
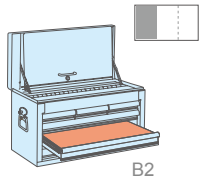
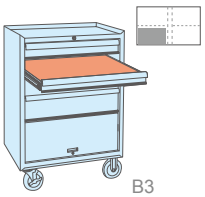
87411-6B 94



87421-3B 95



87432-5B 89

Tray No.	Set	Use Drawer
Tray # 1	**642 x 286 mm**  9-4526MR 65	 A1
Tray # 4	**375 x 265 mm**  9-3523MR 72  9-1711MR 70  9-22308PR 71  9-1216MR 69  9-22108MR 71  9-90103PP 75	 B2  B2  B3
Tray # 5	**265 x 185 mm**  9-4128FR 78  9-20110MR 77  9-40103GP 78  9-4119PR 78  9-4120PR 78  9-31106MR 77  9-2526MR 78  9-1303MR 77  Tray for parts (375 x 30 mm) x4 84700612B	 B2  B2  B3

KT NO.	Spec.	Kg	CUFT
941-000MR-A	87411-6B	28.4	3.97
941-000MR-B	87421-3B	17.5	2.71
941-000MR-C	87432-5B	63.5	11.84
941-000MR-D	172 PC. trolley contents	28.4	2.93

Tool Trolley Set

932-000 MR

- 173 PC. tool trolley set



Tray No.	Set	Use Drawer
Tray # 4	375 x 265 mm 9-31110MR 71 · 9-7540MR 73 · 9-90131MR 75 9-1711MR 70 · 9-1216MR01 69 · 9-40207GP 72 9-22108MR 71 · 9-22308PR 71 · 9-90103PP 75 9-4333MR 73	B3

1006PR 361

84700612B (Tray for parts (375 x 30 mm) x5)

87432-5B

87430A 31 (932A-000MR use)

Evolution Roller E.V.O.R

932A-000 MR new

Tool trolley:



KT NO.	Spec.	Kg	CUFT
932-000MR-A	87432-5B	63.5	11.84
932-000MR-D	173 PC. trolley contents	24.7	1.97
932A-000MR-A	87432-5B	63.5	11.84
932A-000MR-D	173 PC. trolley contents	24.7	1.97
932A-000MR-B	87430A	17.5	-

Tool Trolley Set

932-008 MR

- 179 PC. tool trolley set

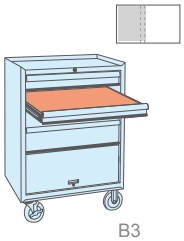
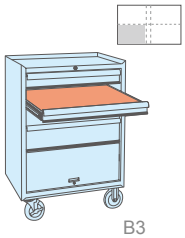


Evolution Roller E.V.O.R

932A-008 MR new

Tool trolley:



Tray No.	Set	Use Drawer
Tray # 4	*375 x 265 mm*  9-4522MR 74  9-3523MR 72  9-90315MR 76  9-1219MR01 69  9-31909PR 72  9-91120MR 76  9-40207GP 72  9-90103PP01 75	 B3
Tray # 5	*265 x 185 mm*  9-2526MR 78  9-4119PR 78  9-4120PR 78  9-31106MR 78	 B3


1010PR 361


9DC23



84700612B



87432-5B


87430A 31
(932A-008MR use)

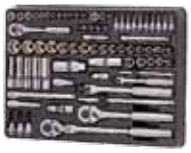
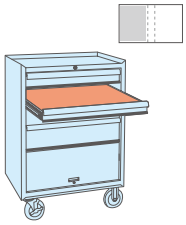
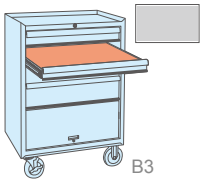
KT NO.	Spec.	Kg	CUFT
932-008MR-A	87432-5B	63.5	11.84
932-008MR-D	179 PC. trolley contents	20.5	1.97
932A-008MR-A	87432-5B	63.5	11.84
932A-008MR-D	179 PC. trolley contents	20.5	1.97
932A-008MR-B	87430A	17.5	-

Tool Trolley Set

932-003 MR01

- 183 PC. tool trolley set
- Specifically for car repair



Tray No.	Set	Use Drawer
Tray # 4	*375 x 265 mm*  9-1219MR01 69  9-1609MR 70  9-4328MR 73  9-91120MR 72  9-5575MR 74  9-40207GP01 72	 B3
Tray # 6	*560 x 375 mm*  9-31919MR 79	 B3
	 1006PR 361  Tray for parts (375 x 30 mm) x3 84700612B  87432-5B  87430A 31 (936A-003MR05 use)	

Evolution Roller E.V.O.R

932A-003 MR01 new

Tool trolley:



KT NO.	Spec.	Kg	Cuft
932-003MR01-A	87432-5B	56.0	12.24
932-003MR01-D	183 PC. trolley contents	20.3	2.41
932A-003MR01-A	87432-5B	56.0	12.24
932A-003MR01-D	183 PC. trolley contents	20.3	2.41
932A-003MR01-B	87430A	17.5	-

Tool Trolley Set

934-001 MR

- 197 PC. tool trolley set



Tray No.	Set	Use Drawer
Tray # 6	*560 x 375 mm* 9-90408TQ 80	B3
Tray # 4	*375 x 265 mm* 9-4516MR 73 · 9-5575MR 74 · 9-90310MR 76 9-90106SR 75 · 9-90205GN01 75 · 9-1218MR 69 9-1711MR 70 · 9-22108MR 71 · 9-31909PR 72	B3
Tray # 5	*265 x 185 mm* 9-4128FR 78 · 9-40103GP 78	B3

2121-18 · 14210212 · 14226512 · 7962-04 · 7963-04 · Tray for parts (375 x 30 mm) x5 84700612B · 9DC23

42114GP 302 · 1108MR 266 · 87434-7B · 87430A 31 (934A-001MR use)

Evolution Roller E.V.O.R

934A-001 MR new

Tool trolley:



KT NO.	Spec.	Kg	CUFT
934-001MR-A	87434-7B	64.0	12.24
934-001MR-D	197 PC. trolley contents	28.7	1.97
934A-001MR-A	87434-7B	64.0	12.24
934A-001MR-D	197 PC. trolley contents	28.7	1.97
934A-001MR-B	87430A	17.5	-

Tool Trolley Set

938-001 MR

- 77 PC. tool trolley set



Tray No.	Set	Use Drawer
Tray # 4	*375 x 265 mm* 9-1219MR01 69 9-1711MR 70 9-40207GP 72 9-22308PR 71 9-31110MR 71 9-4522MR 74	B3

Tray for parts (375 x 30 mm) x3
84700612B

87438-3B

87430A 31
(938A-001MR use)

Evolution Roller E.V.O.R

938A-001 MR new

Tool trolley:



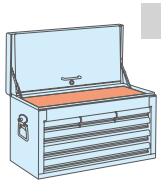
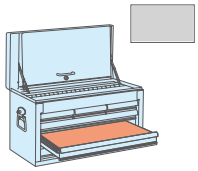
KT NO.	Spec.	Kg	CUFT
938-001MR-A	87438-3B	50.0	12.03
938-001MR-D	77 PC. trolley contents	12.24	1.64
938A-001MR-A	87438-3B	50.0	12.03
938A-001MR-D	77 PC. trolley contents	12.24	1.64
938A-001MR-B	87430A	17.5	-

Tool Chest Set

901-068 MR
901-069 MR

- 69 PC. tool chest set

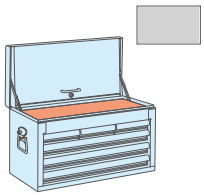
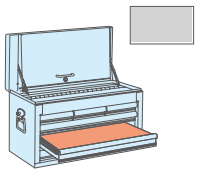


Set	Use Drawer
510 x 205 mm  9-4338MR 84 (901-069MR use)  9-4338MR01 84 (901-068MR use)	
500 x 190 mm  9-90121MR 84  9-90104GP 84  9-31006MR 84	
 87401-3 95	

901-073 MR

- 74 PC. tool chest set



Set	Use Drawer
510 x 205 mm  9-4338MR03 84	
500 x 190 mm  9-90126MR 84  9-90104GP 84  9-31006MR 84	
 87401-3 95	

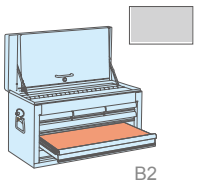
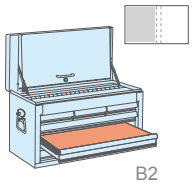
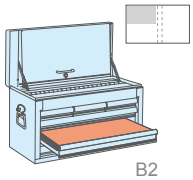
KT NO.	Drawer Size (mm) Width x Depth x Height	Kg	CUFT
901-068MR	505 x 195 x 65	18.8	1.98
901-069MR		18.4	
901-073MR		19.5	

Tool Chest Set

911-002 CR new

- 107 PC. tool chest set



Tray No.	Set	Use Drawer
Tray # 3	554 x 260 mm  9-90138CR 67	 B2
Tray # 4	375 x 260 mm  9-42144GP 73	 B2
Tray # 5	265 x 185 mm  9-31106MR 78	 B2
	 4042CR 159	 20107SR 348  20109MR 348
		 7811-16  87411-6B 94

KT NO.	Spec.	Kg	CUFT
911-002CR-A	87411-6B	25.4	3.97
911-002CR-D	107 PC. trolley contents	24.8	1.52

Tool Chest Set

911-118 MR new

- 118 PC. tool chest set



Tray No.	Set	Use Drawer
Tray # 1	500 x 195 mm 9-4526MR 65	A1
Tray # 2	172 x 257 mm 9-42114GP 66 9-40102GP 66	B1
Tray # 4	375 x 265 mm 9-31110MR 71 9-1216MR01 69 9-3523MR 72	B2
Tray # 5	265 x 185 mm 9-2526MR 78 9-20110MR 78 9-40103GP 78	B2
	79813 87411-6B 93	

KT NO.	Spec.	Kg	CUFT
911-004CR-A	87411-6B	25.4	3.97
911-004CR-D	118 PC. trolley contents	24.8	1.52

911-119 CR new

- 119 PC. tool chest set



Tray No.	Set	Use Drawer
Tray # 1	500 x 195 mm 9-7069CR01 65	A1
Tray # 3	172 x 257 mm 9-90129CR 67	B2
	1060 6, 8, 10, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22, 24, 27, 30, 32 **5060** 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4 87411-6B 94	

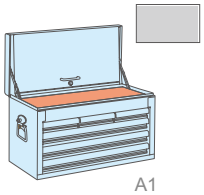
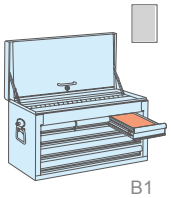
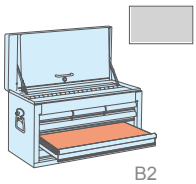
KT NO.	Spec.	Kg	CUFT
911-119CR-A	87411-6B	25.4	3.97
911-119CR-D	119 PC. trolley contents	13.8	1.22

Tool Chest Set

911-000 CR
911-000 CR01
911-000 CR02

- 219 PC. tool chest set



Tray No.	Set	Use Drawer
Tray # 1	*642 x 286 mm*  9-7069CR 65 (911-000CR use)  9-7069CR01 65 (911-000CR01 / 911-000CR02 use)	 A1
Tray # 2	*163 x 263 mm*  9-42114GP 66  9-40102GP 66  9-2548CR01 66 (911-000CR02 use)  9-2548CR 66 (911-000CR / 911-000CR01 use)	 B1
Tray # 3	*554 x 260 mm*  9-90128SR 67  9-90138CR 67  9-90129CR 67	 B2
	 7911-12  87411-6B 94	

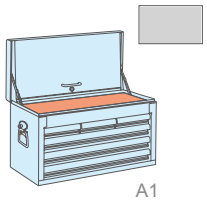
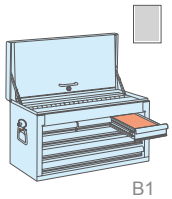
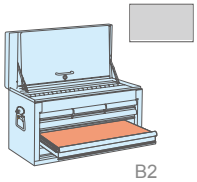
KT NO.	Spec.	Kg	CUFT
911-000CR-A	87411-6B	25.4	3.97
911-000CR-D	219 PC. trolley contents	25.1	2.13
911-000CR01-A	87411-6B	25.4	3.97
911-000CR01-D	219 PC. trolley contents	23.2	2.13
911-000CR02-A	87411-6B	25.4	3.97
911-000CR02-D	219 PC. trolley contents	25.4	2.13

Tool Chest Set

911-003 CR new

- 235 PC. tool chest set



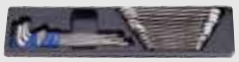
Tray No.	Set	Use Drawer
Tray # 1	*642 x 286 mm*  9-7078CR 65	 A1
Tray # 2	*163 x 263 mm*    9-42114GP 66 9-40102GP 66 9-2548CR01 66	 B1
Tray # 3	*554 x 260 mm*  9-90329CR 68   9-90220MR 68 9-90154CR 68	 B2
	 87411-6B 94	

KT NO.	Spec.	kg	CUFT
911-003CR-A	87411-6B	25.4	3.97
911-003CR-D	107 PC. trolley contents	20.76	2.13

Tool Box Set

902-062 MR

▪ 62 PC. tool box set

KT NO.	Contents	15.9 CUFT 1.22
902-062MR	 9-4116FR 85	 9-1217MR 85
	 9-90120MR 86	 9-30206MR 85
	 9-4319MR 86	 9-40203GP 85



87402
Overall size (mm) :
470 x 220 x 255

902-164 MR new

▪ 63 PC. tool box set

KT NO.	Contents			14 CUFT 1.22
902-0164MR			1060	8, 10, 12, 13, 14, 17, 19, 21, 22, 24
			1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10
			1421	NO.1 x 80, NO.2 x 38, NO.3 x 150
			1422	5.5 x 100, 6.5 x 38, 8 x 175
	 6111-07	 6311-06	 6516-10A	76104-05 76403-05 76404-06 76405-65 76406-07
		7811-16	3611-08R	76217-06 76223-08
	 9-4116FR 85		 9-4319MR 86	



87402
Overall size (mm) :
470 x 220 x 255

Tool Box Set

902-065 MR
902-065 MR04

▪ 65 PC. tool box set

KT NO.	Contents	14.7 CUFT 1.22
902-065MR	9-90115MR 86 9-1716MR 85	9-4116FR 85 9-4319MR 86 1421 No.1 x 80 No.2 x 38 No.3 x 150 1422 5.5 x 100 6.5 x 38 8 x 175 3611-08P 6111-07 6311-06 6511-10A 76104-05 76217-06 76223-08 76403-05 76404-06 76405-65 76406-07 7811-16
902-065MR04	9-1606MR01 85 9-90125MR 86	



87402
Overall size (mm) :
470 x 220 x 255

902-068 MR

▪ 68 PC. tool box set

KT NO.	Contents			15.9 CUFT 1.22
902-068MR			1060	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
			1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10
			1421	NO.1 x 80, NO.2 x 38, NO.3 x 150
			1422	5.5 x 100, 6.5 x 38, 8 x 175
	3611-12P 6111-07 6311-06 6511-10A 7821-30 7911-12 76104-05 76217-06 76223-08 76403-05 76404-06 76405-65 76406-07 9-4116FR 85 9-4319MR01 86			



87402
Overall size (mm) :
470 x 220 x 255

Tool Box Set

902-084 MR01 new

▪ 81 PC. tool box set

KT NO.	Contents			19.24 CUFT 1.22
902-084MR01		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	NO.1 x 100, NO.2 x 150, NO.3 x 150	
		1422	6.5 x 100, 6.5 x 150, 8 x 150	
	7811-16, 7851-16, 6031-07R, 9-4116FR03 85, 6231-07, 6311-06, 6516-10C, 76213-04 76215-05 76220-07, 76104-05 76105-06, 6463-08C, 9-4319MR07 86, 76403-05 76404-06, 3611-08R 3611-12R, 76306-05, 20218MR 346			



87402
Overall size (mm) :
470 x 220 x 255

902-084 SR new

▪ 84 PC. tool box set

KT NO.	Contents			21.55 CUFT 1.22
902-084MR01		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, 1-1/14	
		1421	NO.1 x 100, NO.2 x 150, NO.3 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	
	7811-16, 7851-16, 6031-07R, 6231-07, 9-4116FR03 85, 6311-06, 6516-10C, 6463-08C, 3611-08R 3611-12R, 76213-04 76215-05 76220-07, 76104-05 76105-06, 76403-05 76404-06, 76306-05, 9-4319SR08 86			



87402
Overall size (mm) :
470 x 220 x 255

Tool Box Set

902-089 MR01

▪ 88 PC. tool box set

KT NO.	Contents			17.7 CUFT 1.22
902-089MR01			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
			1120M	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10
			1147	T10, T15, T20, T25, T27, T30, T40
			1421	NO.2 x 38, NO.3 x 150
			1422	3 x 75, 5 x 100

6111-07 6311-06 6516-10 1812MR 283

7911-12 7821-80 3611-08R

9-4116FR 85 9-4319MR01 86



87402
Overall size (mm) :
470 x 220 x 255

902-103 MR

▪ 103 PC. tool box set

KT NO.	Contents			25.5 CUFT 1.22
901-103MR			1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32
			1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10
			1147	T10, T15, T20, T25, T27, T30, T40
			1421	NO.0 x 60, NO.1 x 100, NO.2 x 100, NO.3 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 6516-10 76402-45 76403-05 76220-07 76226-12

6231-08 6431-10 6011-10R 76404-06 76405-65 76406-07 76408-08 76412-09 76414-10 79083-03C

7911-12 7821-80 3611-12R

9-4116FR 85 9-4319MR01 86 1812MR 283



87402
Overall size (mm) :
470 x 220 x 255

Tool Box Set

902-109 MR new

▪ 109 PC. tool box set

KT NO.	Contents				25.5 CUFT 1.22
902-109MR		1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32		
		1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10		
		1147R	T10, T15, T20, T25, T27, T30, T40		
		1421	NO.0 x 60, NO.1 x 100, NO.2 x 100, NO.3 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	76402-45 76403-05	1812MR 283
	6231-08	6431-10	6011-10R	76404-06 76405-65 76406-07 76408-08 76412-09 76414-10	
	7911-12	7811-16	3611-12R		1306MR 272
	9-4116FR 85	9-4319MR01 86		76220-07 76226-12	79083-05C



87402
Overall size (mm) :
470 x 220 x 255

902-132 CR new

▪ 132 PC. tool box set

KT NO.	Contents				25.5 CUFT 1.22
902-132CR		1421	NO.0 x 60, NO.1 x 100, NO.2 x 100, NO.3 x 150		
		1422	3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175		
	1226MR 263	1812MR 283	1005GQ 317	30617MR 330	
	20208MR01 346 20208SR01	11205SQ 316	20419PR 350		
	6111-07	6311-06	6516-10C	76220-07	6711-06
	6231-07	2121-18	6011-10R	76104-05	3611-08P 3611-12P
	7911-12	7811-12	7971-07	79083-03C	
	9-4116FR 85	9-4319MR01 86			6721-10



87402
Overall size (mm) :
470 x 220 x 255

Tool Box Set

908-077 CR new

▪ 77 PC. 1/2" + 3/4" drive socket tool box set

KT NO.	Contents
908-077CR	9-30206MR 85 9-90111MR 87 9-6010MR 87 9-4156PR 87 9-4029CR 87 9-1215MR03 87

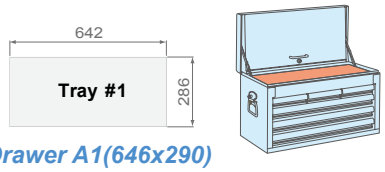
KT NO.	Spec.	Kg	CUFT
908-077CR-A	530 x 220 x260	8.10	1.3
908-077CR-D	530 x 220 x260	19.28	0.99



87408
Overall size (mm) :
530 x 220 x 255

Tool Set Content

Tray category #1 (642 x 286mm)



Drawer A1(646x290)

9-4526 MR

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



9-7069 CR / CR01

KT NO.	Contents	kg 8.8 / 1 / 4
9-7069CR	3779-08G	
	4779-10GR	
	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
9-7069CR01	3769-08P	
	4768-10P	
	4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11 /16, 3/4, 13 /16, 7/8, 15/16, 1
	463521R	
	463516R	
	3792	
	4791R	
	3452-08F	
	4452-15FR	
	3571-08	
	4572-10	
	3221-03 3221-06	
	4251-05R 4251-10R	
	7911-12	
	3812	
	4813	



9-7069CR



9-7069CR01

9-7078 CR new

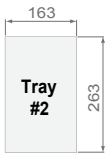
KT NO.	Contents	kg 8.67 / 1 / 2
9-7078CRV	3235M	10, 12, 13, 14, 15, 16, 17, 18, 19, 22
	3330M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 28, 30, 32
	3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16
	4330SR	3/8,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

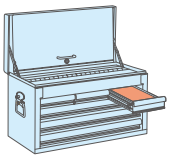


Tool Set Content

Tray category #2 (163 x 263mm)

Drawer B1(172x275)





9-2548 CR / CR01

KT NO.	Contents	1.28 / 1 / 10
9-2548CR	2779-55G	2235M: 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 2235S: 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 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	



9-2548CR



9-2548CR01

9-40102GP

KT NO.	Contents	1.0 / 1 / 10
9-40102GP	6011-10R, 6511-10A	



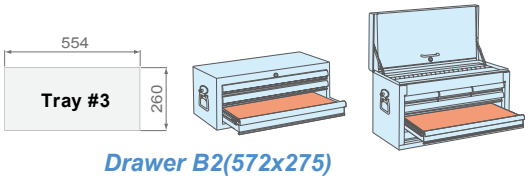
9-42114GP

KT NO.	Contents	0.6 / 1 / 10
9-42114GP	68SS-07, 68HS-07, 68SB-07, 68HB-07	



Tool Set Content

Tray category #3 (554 x 260mm)



Drawer B2(572x275)

9-90113MA new

- Special for the use of engine oil tank and filter

KT NO.	Contents	kg 2.98 / 1 / 5
9-90113MA	T45 4023 8, 12 4025 M16 402B 3204 112005MR 112006MR 9AE42 401408M 9AE2-6606 9AE2-7608 9AE2-7614 9AE2-9315	



9-90128 SR

KT NO.			Contents	kg 4.8 / 1 / 4
9-90128SR		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 76215-05 76217-06 76220-07 76224-10 76404-06 76406-07 76408-08 7811-16			



9-90129 CR

KT NO.			Contents	kg 2.5 / 1 / 4
9-90129CR	⊕	1421	No.0 x 60, No.1 x 80, No.2 x 38, No.2 x 100, No.3 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	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	
	6111-07 6231-07 6311-06			



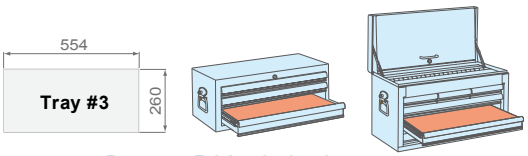
9-90138 CR

KT NO.		Contents	kg 4.8 / 1 / 4
9-90138CR	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	
3611-08P, 3611-12P			



Tool Set Content

Tray category #3 (554 x 260mm)



Drawer B2(572x275)

9-90154 CR new

KT NO.	Contents			2.86 / 1 / 4
9-90154CR		1130MR	2.5, 3, 4, 5, 6, 8, 10	
		1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	
	7811-16	761 Ø 4 x 120	764 Ø 3 x 125 Ø 4 x 150 Ø 5 x 165	1032CQ01
	74030	76717-05		



9-90220 MR new

KT NO.	Contents			2.51 / 1 / 4
9-90220MR		3025	H3, H4, H5, H6, H8, H10, H12	
		3023	T30, T40	
		1421	1x80, 2x100	
		1428	2x100	
		1422	4x100, 5.5x125, 6.5x150,8x175	
		1424	2x100	
	6111-08	6231-08	6311-08	



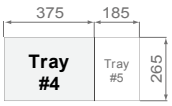
9-90329 CR new

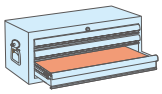
KT NO.	Contents			3.37 / 1 / 4
9-90329CR		1060	6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21	
		5060	7/16, 1/2, 9/16, 5/8, 11/16, 3/4	
		10D0	10, 12, 13, 14, 17, 18, 19	
	3611-06R, 3611-08R			

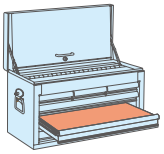


Tool Set Content

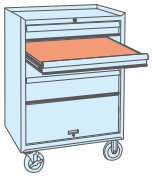
Tray category #4 (375 x 265mm)

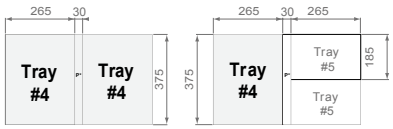






Drawer B2(572x275)





Drawer B3(579x380)

9-10115 MR

9-10215 MR

KT NO.	Contents		kg 17.3 / 1 / 10
9-10115MR	3731	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	373202R 373203R 373204R
9-10215MR	3732	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	



9-12120 MR new

KT NO.	Contents		kg 1.27 / 1 / 6
9-12120MR	3731	8, 10, 12, 13, 14, 15, 17, 19	



9-1216 MR

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



9-1216 MR01

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



9-1218 MR

KT NO.	Contents		kg 2.12 / 1 / 6
9-1218MR	1060	6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	
	1930	8 x 10, 9 x 11	



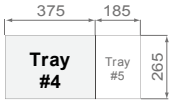
9-1219 MR01

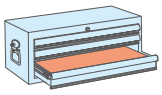
KT NO.	Contents		kg 2.25 / 1 / 6
9-1219MR01	1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24	

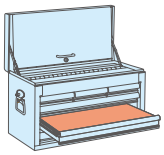


Tool Set Content

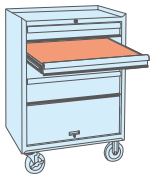
Tray category #4 (375 x 265mm)

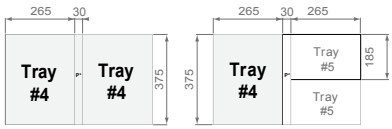






Drawer B2(572x275)





Drawer B3(579x380)

9-1272 MR

KT NO.	Contents		1.45 / 1 / 5
9-1272MR	1063	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22	



9-1608 MR

KT NO.	Contents		1.5 / 1 / 5
9-1608MR	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	



9-1609 MR

KT NO.	Contents		1.93 / 1 / 6
9-1609MR	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	



9-1709 MR

KT NO.	Contents		2.38 / 1 / 6
9-1709MR	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	



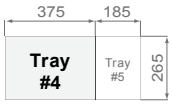
9-1711 MR

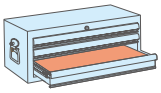
KT NO.	Contents		2.80 / 1 / 6
9-1711MR	1970	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 30 x 32	

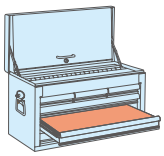


Tool Set Content

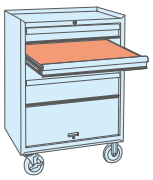
Tray category #4 (375 x 265mm)

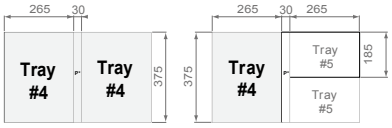






Drawer B2(572x275)

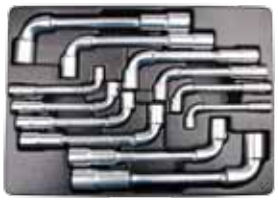




Drawer B3(579x380)

9-1812 MR
9-1912 MR

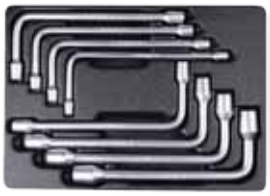
KT NO.	Contents			3.69 / 1 / 6
9-1812MR	○	1080	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24	
9-1912MR	○	1081		



9-1812MR / 9-1912MR

9-1838 MR

KT NO.	Contents			2.57 / 1 / 6
9-1838MR	○	1084	8, 10, 11, 12, 13, 15, 17, 19	



9-22108 MR

KT NO.	Contents			1.10 / 1 / 10
9-22108MR	●	1160MR	2, 2.5, 3, 4, 5, 6, 8, 10	



9-22308PR

KT NO.	Contents			1.10 / 1 / 10
9-22308PR	✿	1163R	T10, T15, T20, T25, T30, T40, T45, T50	



9-30110 CR

KT NO.	Contents			1.4 / 1 / 6
9-30110CR	○	1450	6, 7, 8, 9, 10, 11, 12, 13	
	○	5450	1/4, 5/16	



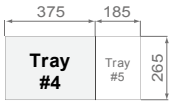
9-31110MR

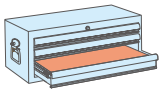
KT NO.	Contents			1.0 / 1 / 10
9-31110MR	⊕	1421	NO.1 x 80, NO.2 x 38, NO.2 x 100, NO.3 x 150	
	⊖	1422	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 38, 6.5 x 150, 8 x 175	

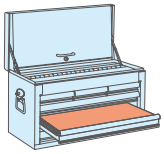


Tool Set Content

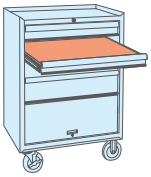
Tray category #4 (375 x 265mm)

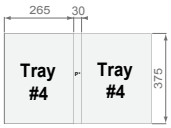


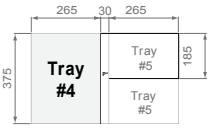




Drawer B2(572x275)







Drawer B3(579x380)

9-31909PR

KT NO.	Contents	0.65 / 1 / 6
9-31909PR	1427	T8 x 75, T9 x 75, T10 x 75, T15x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150



9-3523 MR

KT NO.	Contents	1.38 / 1 / 10
9-3523MR	3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22
	3769-08F, 3571-08, 3221-03, 3221-06, 3452-08F, 3792	



9-40207GP

9-40207GP01

KT NO.	Contents	1.5 / 1 / 10
9-40207GP	6111-08, 6211-06, 6311-06, 68HS-07, 68HB-07, 68SS-07, 68SB-07	



9-40207GP

KT NO.	Contents	1.5 / 1 / 6
9-40207GP01	6211-06, 6311-06, 6463-08, 67HS-07, 67HB-07, 67SS-07, 67SB-07	



9-40207GP01

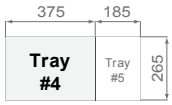
9-40604GP

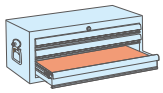
KT NO.	Contents	1.98 / 1 / 6
9-40604GP	6116-07A, 6216-06A, 6318-08A, 6516-10A	

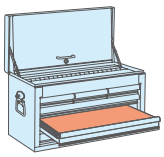


Tool Set Content

Tray category #4 (375 x 265mm)

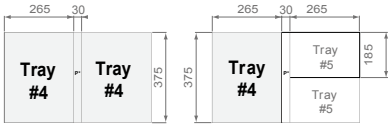






Drawer B2(572x275)

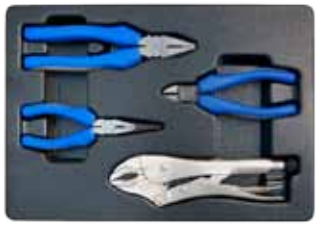




Drawer B3(579x380)

9-42144GP

KT NO.	Contents	1.63 / 1 / 8
9-42144GP	6011-10N, 6111-08, 6211-06, 6311-06	



9-4328 MR

KT NO.	Contents			4.6 / 1 / 6
9-4328MR	○		4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 29, 32
	✿		4027	T55, T60
	4791R, 4768-10F, 4452-15FR, 4572-10, 4251-05R, 4251-10R			



9-4333 MR

KT NO.	Contents			5.4 / 1 / 6
9-4333MR	○		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
	○ 463521R, ○ 463516R, 4791R, 4251-03R, 4251-05R, 4251-10R, 4452-15FR, 4572-12, 4755-10G			



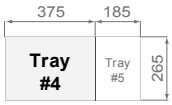
9-4516 MR

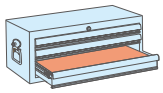
KT NO.	Contents			3.12 / 1 / 10
9-4516MR	○		4335MR	8, 10, 11, 12, 13, 14, 17, 19, 21, 23, 24
	4791R, 4452-15FR, 4768-10F, 4251-05R, 4251-10R			

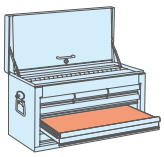


Tool Set Content

Tray category #4 (375 x 265mm)

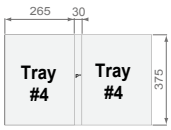


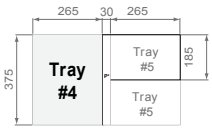




Drawer B2(572x275)







Drawer B3(579x380)

9-4522 MR

KT NO.	Contents				2.96 / 1 / 5
9-4522MR	○		4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	
	○  463516R	○  463521R	 4791R	4768-10F	4251-03R 4251-05R 4251-10R



9-5575 MR

KT NO.	Contents				4.15 / 1 / 6
9-5575MR	○		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	
	✪		3027M	T40, T45, T50	
	✪		2037M	T10, T15, T20, T25, T27, T30	
	✪		2033M	T20, T25, T30, T40	
	○  3665-16	 2792	2769-55F	3769-08F	 2221-02 2221-04
	○  3665-21	 3792	2452-05F	3789-11F	3221-03 3221-06 3221-16
	2571-45	3571-08	3452-08F		

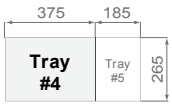


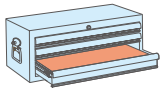
9-7540 MR

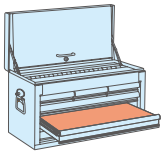
KT NO.	Contents				3.50 / 1 / 5
9-7540MR	○		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
	✪		2375M	E4, E5, E6, E7, E8	
	✪		4375M	E10, E12, E14, E16, E18, E20	
	○		4435M	10, 11, 12, 13, 14, 17, 19, 21, 22, 24	
	2792	2755-55G	2571-45	2221-02 2221-04	
	2177DF	2452-05F			

Tool Set Content

Tray category #4 (375 x 265mm)

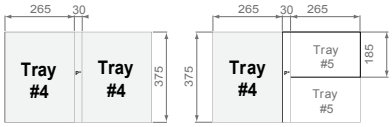






Drawer B2(572x275)





Drawer B3(579x380)

9-90103PP

KT NO.	Contents	2.3 / 1 / 5
9-90103PP	3611-12P, 6511-10A, 7821-30	
9-90103PP01	3611-12P, 6511-10A, 7811-16	

9-90103PP01



9-90103PP



9-90103PP01

9-90106SR

KT NO.	Contents	2.05 / 1 / 4
9-90106SR	76404-06, 76405-65, 76406-07, 76105-06, 7822-30, 7842-35	



9-90109 MN

KT NO.	Contents	2.28 / 1 / 6
9-90109MN	1970 — 8x10, 10x12, 11x13, 12x14, 14x17, 17x19	
	6011-10N, 3611-12R	



9-90131 MR

KT NO.	Contents	3.1 / 1 / 10
9-90131MR	4033 — T20, T25, T27, T30, T40, T45, T50, T55, T60	
	4035 — 4, 5, 6, 7, 8, 10, 12, 14, 17	
	1120MR — 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	
	1930 — 10 x 11, 12 x 14, 14 x 17	
	3204 (Ø 60 ~ 140)	



9-90205GN

9-90205GN01

KT NO.	Contents	1.98 / 1 / 6
9-90205GN	6313-06, 6011-10N, 6111-07	
9-90205GN01	6311-06, 74410, 6463-08	



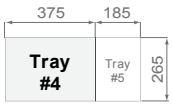
9-90205GN

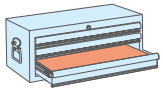


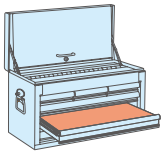
9-90205GN01

Tool Set Content

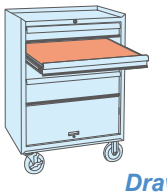
Tray category #4 (375 x 265mm)

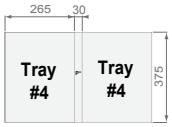


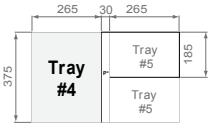




Drawer B2(572x275)







Drawer B3(579x380)

9-90310MR

KT NO.	Contents			1.08 / 1 / 6
9-90310MR	⊕	1411	NO.1 x 100, NO.2 x 100, NO.3 x 150	
	⊖	1412	5.5 x 100, 6.5 x 100, 8.0 x 150	
	76220-07	9CJ2120	14324003	24110214



9-90315 MR

KT NO.	Contents			2.6 / 1 / 6
9-90315MR		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 x23, 22 x 24	
	79083-05C			



9-91024 MR50 new

KT NO.	Contents			2.2 / 1 / 5
9-91024MR50		4025	6, 7, 8, 10, 12mm	
		4036	M8, M10, M12, M14	
		4049	M10, M12, M13	
		3039	M7, M8, M9	
		4813	1/2"F x 3/8"M	
	ST20208MY			



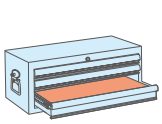
9-91120 MR

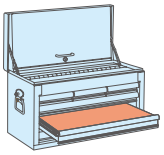
KT NO.	Contents			2.40 / 1 / 6
9-91120MR		1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	
		1930	8x10, 10x12, 11x13, 14x17	
		3731	8, 10, 12, 13, 14	
	6011-10N	3611-12R		

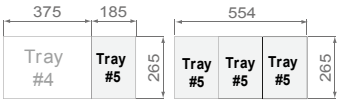


Tool Set Content

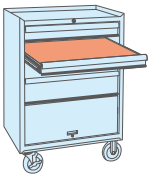
Tray category #5 (265 x 185mm)

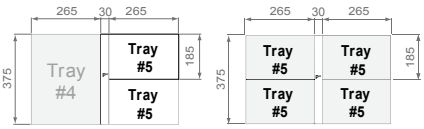






Drawer B2(579x270)





Drawer B3(579x380)

9-10112 MR / 9-10212 MR



KT NO.	Contents			12.25 / 1 / 10
9-10112MR		3731	10, 11, 12, 13, 14, 15, 16, 17, 19	373202R 373203R
9-10212MR		3732	10, 11, 12, 13, 14, 15, 16, 17, 19	373204R

9-1282 MR



KT NO.	Contents			1.05 / 1 / 5
9-1282MR		10D0	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

9-1303 MR



KT NO.	Contents			0.50 / 1 / 10
9-1303MR		1930	10 x 11, 12 x 14, 14 x 17	

9-1905 MR



KT NO.	Contents			0.82 / 1 / 10
9-1905MR		1950	10 x 12, 11 x 13, 14 x 17, 16 x 18, 19 x 22	

9-1C08 MR



KT NO.	Contents			0.91 / 1 / 5
9-1C08MR		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	

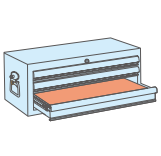
9-20110 MR

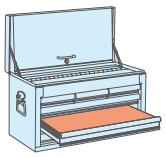


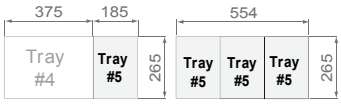
KT NO.	Contents			1.10 / 1 / 10
9-20110MR		1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	
		3204 (Ø 60 ~ 140)		

Tool Set Content

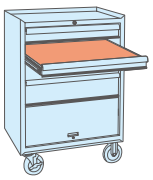
Tray category #5 (265 x 185mm)

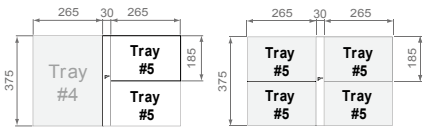






Drawer B2(579x270)





Drawer B3(579x380)

9-2526 MR

KT NO.	Contents			0.80 / 1 / 10
9-2526MR	○	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	
	2779-55G	2813	2792	2221-02 2221-04



9-31106MR

KT NO.	Contents			0.60 / 1 / 10
9-31106MR	⊕	1421	NO.0 x 60, NO.1 x 80, NO.2 x 100	
	⊖	1422	3 x 75, 5.5 x 100, 6.5 x 150	



9-40103GP

KT NO.	Contents			0.81 / 1 / 10
9-40103GP	6111-07	6211-06	6311-06	



9-4119PR

KT NO.	Contents			1.10 / 1 / 10
9-4119PR	✱	4033	T20, T25, T27, T30, T40, T45, T50, T55, T60	



9-4120PR

KT NO.	Contents			1.30 / 1 / 10
9-4120PR	●	4035	4, 5, 6, 7, 8, 10, 12, 14, 17	



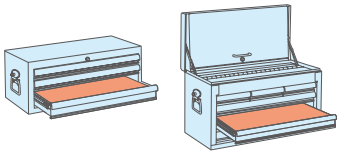
9-4128 FR

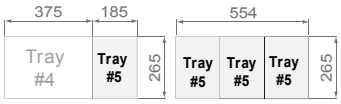
KT NO.	Contents			1.70 / 1 / 10
9-4128FR	⊖	1836S	9, 11	4112
	⊖	1880S	8, 10	
	⊕	1836P	2, 3	414810S
	⊕	1880P	2, 3	



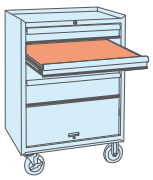
Tool Set Content

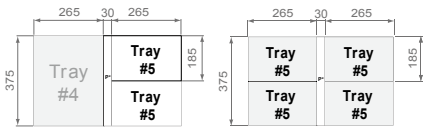
Tray category #5 (265 x 185mm)





Drawer B2(579x270)





Drawer B3(579x380)

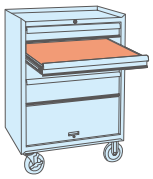
9-91026

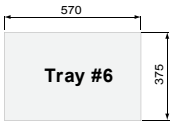
new

KT NO.	Contents			1.3 / 1 / 10
9-91026PR			1147R	T10, T15, T20, T25, T27, T30, T40
			1143R	T10, T15, T20, T25, T27, T30, T40, T45, T50,
			4023	T30, T40, T45, T50, T55
			4375M	E10, E12, E14, E16, E18



Tray category #6 (570 x 375mm)





Drawer B3(579x380)

9-31919MR

KT NO.	Contents			2.67 / 1 / 5
9-31919MR			1411	NO.0 x 75, NO.2 x 38
			1412	3 x 75, 6.5 x 38
			1421	NO.2 x 300
			1422	6.5 x 300
			1481	NO.2 x 100, NO.3 x 150
			1482	6.5 x 100, 8 x150
			1427	T8 x 75, T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125
	43280212		2121-18	



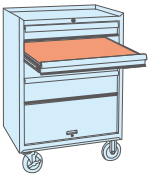
9-7576 MR

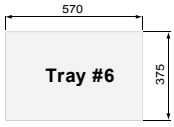
KT NO.	Contents			7.69 / 1 / 3
9-7576MR			3335M	8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22, 24
			3235M	8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24
			4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
			4235M	10, 12, 13, 14, 17, 19, 21, 22, 24
			9TD403	12, 13, 14, 17, 19
	321510M 321512M	366516 366521	4768-10P 3769-08P	3221-03 3221-06 3221-10
	4251-03 4251-05 4251-10	3792	3452-08F	4452-18FR
	4573-10	4311-16F		



Tool Set Content

Tray category #6 (570 x 375mm)





Drawer B3(579x380)

9-90408TQ

KT NO.	Contents	2.06 / 1 / 5
9-90408TQ	75102-08G, 75202-08G, 75302-08G, 79083-05C, 75402-08G, 75502-08G, 79061-12, 7911-12	

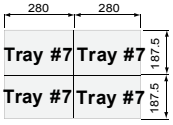


9-94435 MP

KT NO.	Contents			6.49 / 1 / 3
9-94435MP	○	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, 6463-08C, 6311-08, 74030			







Drawer B3(579x380)

Tray category #7 (280 x 187.5mm)

9-30904AY

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

KT NO.	Contents	425.4 / 1 / 8
9-30904AY	43250115Y	
	43260115Y	
	43270115Y	
	43290115Y	



9-3602 MR

KT NO.	Contents			127 / 1 / 10
9-3602MR		3350M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	



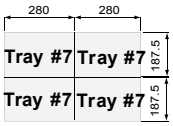
9-3612 MR

KT NO.	Contents			127 / 1 / 10
9-3612MR		3351M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	



Tool Set Content

Tray category #7 (280 x 187.5mm)

Drawer B3(579x380)

9-4138PR

KT NO.	Contents			kg 1.9 / 1 / 10
9-4138PR	★	4033	T20, T25, T27, T30, T40, T45, T50, T55, T60	
	●	4035	4, 5, 6, 7, 8, 10, 12, 14, 17	



9-4427 MP new

KT NO.	Contents			kg 4.09 / 1 / 4
9-4427MP	○	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	



9-4827 MP new

KT NO.	Contents			kg 4.09 / 1 / 4
9-4827MP	○	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	

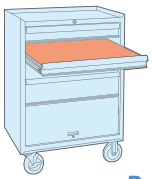
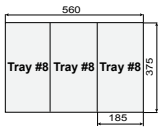


9-7128PR new

KT NO.	Contents			kg 1.20 / 1 / 10
9-7128PR	●	3025	3, 4, 5, 6, 7, 8, 10, 12	
	★	3023	T15, T20, T25, T27, T30, T40, T45, T50	
	✪	3375M	E8, E10, E12, E14,E16, E18	
	✪	4375M	E10, E12, E14,E16, E18, E20	



Tray category #8 (385 x 187.5mm)

Drawer B3(579x380)

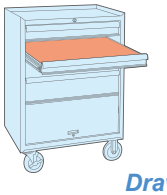
9-1011GR

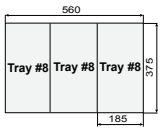
KT NO.	Contents			kg 1.15 / 1 / 12
9-1011GR		761G	6x185mm	
		763G	4x185mm, 5x185mm 6x185mm, 8x185mm	
		764G	2x140mm, 3x150mm 4x180mm, 5x200mm 6x210mm, 8x220mm	



Tool Set Content

Tray category #8 (385 x 187.5mm)





Drawer B3(579x380)

9-12110 MR

KT NO.	Contents			1.89 / 1 / 12
9-12110MR		3731	8, 10, 12, 13, 14, 17, 19, 21, 22, 24	



9-90114 MR

KT NO.	Contents			1.75 / 1 / 12
9-90114MR		1930	8x10, 10x11, 12x14, 14x17, 17x19	
		1060	8, 10, 12, 14, 17, 19, 21, 22, 24	



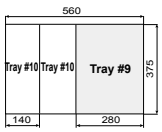
9-91016 MR

KT NO.	Contents			1.15 / 1 / 12
9-91016MR		3730	8, 10, 12, 13, 14, 17, 19	
		1123R	T10, T15, T20, T25, T27, T30, T40, T45, T50	



Tray category #9 (375 x 280mm)





Drawer B3(579x380)

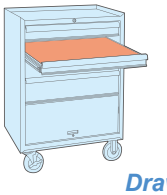
9-4435 MP new

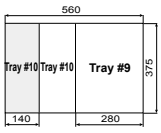
KT NO.	Contents			7.3 / 1 / 2
9-4435MP	○		4435M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 36



Tool Set Content

Tray category #10 (375 x 140mm)





Drawer B3(579x380)

9-3421PP new

KT NO.	Contents			1.63 kg / 1 / 6
9-3421PP	⊕	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	



9-3432MP new

KT NO.	Contents			1.44 kg / 1 / 6
9-3432MP	●	3055	H4, H5, H6, H7, H8, H10, H12, H14, H16, H17	
	3761-08F	3571-08		



9-4413PP new

KT NO.	Contents			2.27 kg / 1 / 6
9-4413PP	✱	4053	T20, T25, T27, T30, T40, T45, T50, T55, T60, T70	
	4260-03P	4572-12	4762-10F	



9-4432MP new

KT NO.	Contents			2.47 kg / 1 / 6
9-4432MP	●	4055	H4, H5, H6, H8, H10, H12, H14, H17, H19	
	4260-03P	4572-12	4762-10F	



Tool Chest Set Content

• Tray size 510 x 205 mm : for Top drawer of 87401-2 / 87401-3 / 87401-3H 95

9-4338 MR 9-4338 MR01 9-4338 MR03

For top drawer only



9-4338MR



9-4338MR01



9-4338MR03

KT NO.	Contents							5.96	1 / 5
9-4338MR				10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	4768-10F	4021	NO.2, NO.3	4251-05R 4251-10R
9-4338MR01	○		4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	4755-10G	4022	8, 10	4572-12
9-4338MR03				8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	4755-10G	4023	T25, T27, T30, T40	4791R
						4025	4, 5, 6, 8, 10, 12	○ 463521R

• Tray size 500 x 190 mm : for 87401-2 / 87401-3 / 87401-3H 95

9-90104GP

KT NO.	Contents				1.36	1 / 5
9-90104GP	3611-08P	6511-10A	6111-07	6311-06		



9-90121 MR

KT NO.	Contents			2.1	1 / 5
9-90121MR		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	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10		



9-90126 MR

KT NO.	Contents			2.38	1 / 5
9-90126MR		1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22		
		1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10		



9-31006MR

KT NO.	Contents			0.74	1 / 5
9-31006MR	⊕	1421	NO.1 x 80, NO.2 x 38, NO.3 x 150		
	⊖	1422	6.5 x 38, 5.5 x 100, 8 x 175		



Tool Box Set Content

• Tray size 460 x 105 mm : For 87402 only 96

9-1217 MR

KT NO.	Contents			1.5 kg / 1 / 8
9-1217MR		1060	17, 18, 19, 20, 21, 22, 24	



9-1606 MR 9-1606 MR01

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



9-1716 MR

KT NO.	Contents			1.1 kg / 1 / 8
9-1716MR		1970	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19	



9-30106MR

KT NO.	Contents			1.0 kg / 1 / 8
9-30106MR	⊕	1421	NO.1 x 80, NO.2 x 100, NO.3 x 150	
	⊖	1422	5.5 x 100, 6.5 x 150, 8 x 175	



9-30206MR

KT NO.	Contents			1.1 kg / 1 / 8
9-30206MR	⊕	1461	NO.1 x 75, NO.2 x 100, NO.3 x 150	
	⊖	1462	5.5 x 100, 6.5 x 150, 8 x 175	



9-40203GP

KT NO.	Contents			0.8 kg / 1 / 8
9-40203GP	6111-07	6211-06	6311-06	



9-4116FR 9-4116FR03 new

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



Tool Box Set Content

• Tray size 460 x 105 mm : for 87402 only 96

9-4319 MR

9-4319 MR01

9-4319 MR02 new

9-4319 MR05 new

9-4319 MR07 new

9-4319 SR08 new

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



9-4319MR



9-4319MR01



9-4319MR02



9-4319MR05



9-4319MR07



9-4319SR08

9-90115 MR

KT NO.			Contents	kg 1.2 / 1 / 8
9-90115MR		1900	6 x 7, 8 x 10, 11 x 13, 12 x 13, 17 x 19, 22 x 24	
		1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	



9-90120 MR

KT NO.			Contents	kg 1.5 / 1 / 8
9-90120MR		1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	
		1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	



9-90125 MR

KT NO.			Contents	kg 1.2 / 1 / 8
9-90125MR		1900	8 x 10, 10 x 12, 12 x 14, 14 x 17, 17 x 19, 22 x 24	
		1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	



Tool Box Set Content

• Tray size 520 x 93 mm : for 87408 only 96

9-4029 CR new

KT NO.	Contents			2.67 / 1 / 5
9-4029CR	○	4025	5, 6, 8, 10, 12, 14	
	○	4330MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 26, 27, 28, 30, 32	
	○	4330SR	7/16, 9/16, 7/8	
	○	463521R		



9-4156PR new

KT NO.	Contents				1.99 / 1 / 5
9-4156PR	4779-10GR	4251-03R 4251-05R 4251-10R	4572-12	4791R	



9-90111 MR new

KT NO.	Contents			1.25 / 1 / 5
9-90111MR	1145MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10		
	3611-10P		6511-10C	



• Tray size 510 x 220 mm : for 87408 only 95

9-6010 MR new

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



• Tray size 465 x 183 mm : for 87408 only 95

9-1215 MR03 new

KT NO.	Contents			3.12 / 1 / 2
9-1215MR03		1060	8, 10, 11, 12, 13, 14, 17, 18, 19, 21, 24, 27, 30, 32	



Tool Trolley



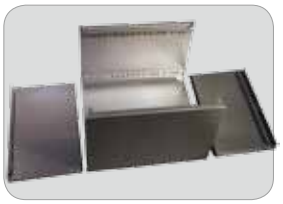
100% open ball bearing slide for drawer



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

87432-17 new

- Side panel



87432-15

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



87432-23 87432-24

- Drawer divider



87432-23



87432-24



KT NO.	Frame(mm) Width x Depth x Height	Material	divider Size(mm)
87432-23	574x358x40	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 new

- Side tray



87432-34 new

- Bottle side tray



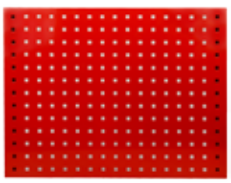
87432-33 new

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



87432-41 new

- Work panel
- Size : 670(W) x 520(H) x 60(D) mm



87432-52

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



Tool Trolley



87432-5B

new



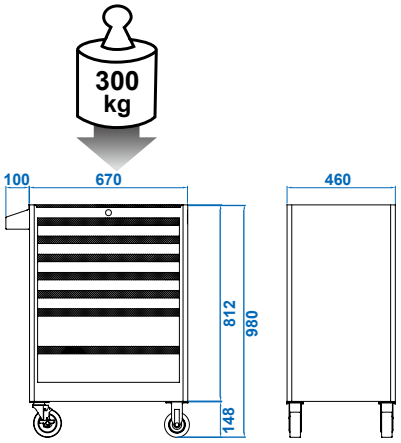
87437-8B



87434-7B



87438-3B



KT NO.	Spec.	Drawer Size(mm) Width x Depth x Height	Casters	kg	CUFT
87432-5B	5 Drawer	4-576 x 380 x 75 1-576 x 380 x 154 bulk-603 x 404 x 234	5"x1-1/4"	56	12.24
new 87437-8B	8 Drawer	6-576x380x48.5 3-576x380x75 1-576x380x154	5"x1-1/4"	66	
87434-7B	7 Drawer	5-576x380x75 2-576x380x154	5"x1-1/4"	64.0	
87438-3B	3 Drawer 2 Door	3-576 x 380 x 75 1-603 x 404 x 478	5"x1-1/4"	47.2	

Risk-Free Tool Trolley

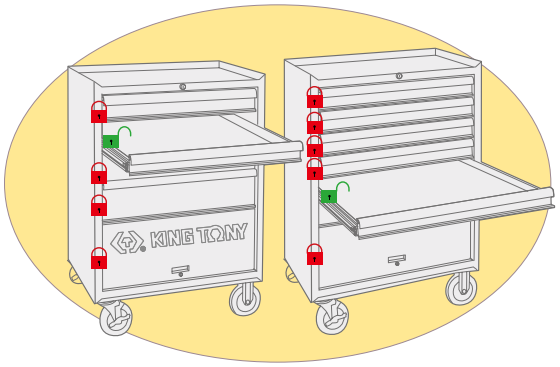
Only open one drawer to prevent tilting risk !

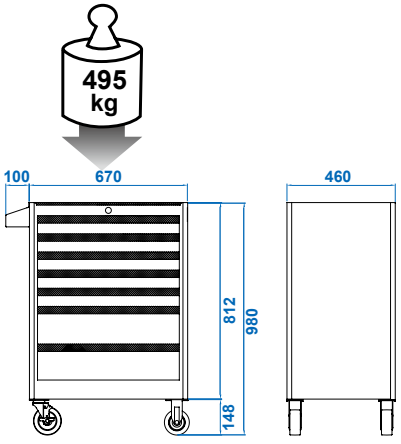


87432-5G



87434-7G





KT NO.	Spec.	Drawer Size(mm) Width x Depth x Height	Casters	kg	CUFT
87432-5G	5 Drawer	4-576 x 380 x 75 1-576 x 380 x 154 bulk-603 x 404 x 234	5"x2"	56	12.24
87434-7G	7 Drawer	5-576x380x75 2-576x380x154	5"x2"	64.0	

Tool Trolley

87441-1B

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



KT NO.	Spec.	Drawer Size(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

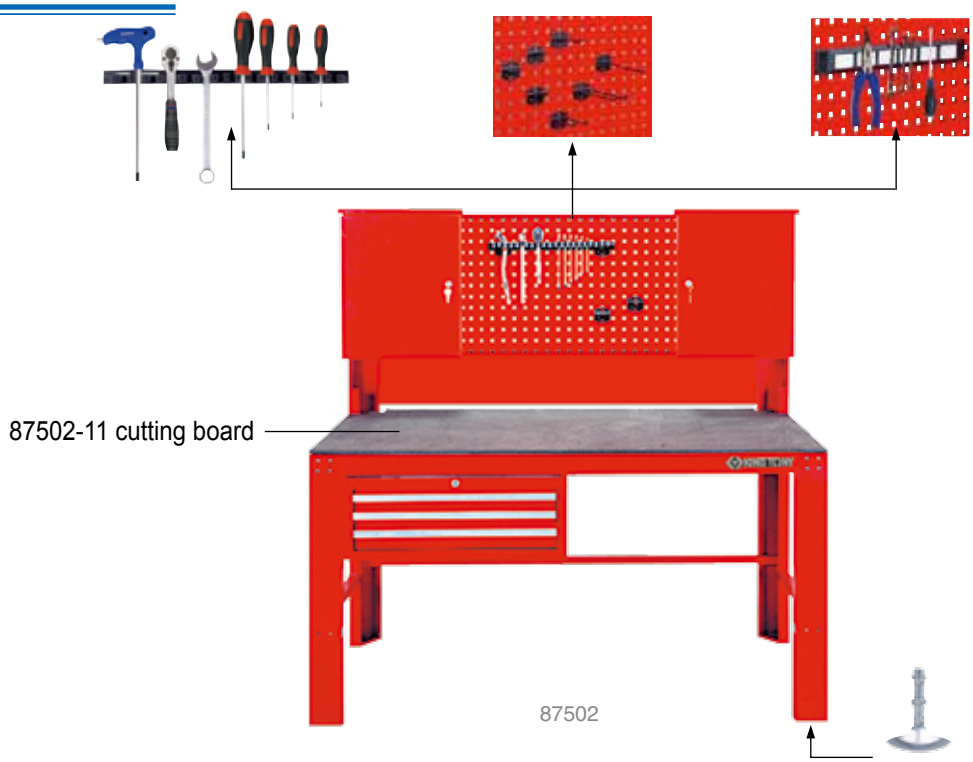
- 3 drawer trolley
- 2 PC. protective mat for top and bottom shelves
- 3 PC. protective drawer liners



KT NO.	Spec.	Drawer Size(mm) Width x Depth x Height	kg	CUFT
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		



Workbench



Accessory For Workbench

Tool holder excluded pliers, wrenches & screwdrivers

87502-01

- Tool holder 500mmL



87502-11

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



87502-02

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



87502-12

- 4 PC. of adjusting device
- Included adjustable bolt & adjustable pad



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



Accessory For Workbench

87502P02

- Drawer chest for workbench

KT NO.	Spec.	Width x Depth x Height (mm)	kg	CUFT
87502P02	overall	660 x 307 x 251	13	2.7



87502P02



87502P021 x 2

87502P03

- 2 PC. wall cabinets

KT NO.	Spec.	Width x Depth x Height (mm)	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.	Drawer Size(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.	Width x Depth x Height (mm)	kg	CUFT
87502P01	overall	1525 x 700 x 1520	59	6.5



87502P90

- 2 wall cabinets

KT NO.	Spec.	Width x Depth x Height (mm)	kg	CUFT
87502P90	overall	1525 x 700 x 1520	73	-



Workbench

87502P91

- 3 drawer chest-ball bearing slide

KT NO.	Spec.	Width x Depth x Height (mm)	kg	CUFT
87502P91	overall	1525 x 700 x 800	61	9.2



87502P011

- Workbench

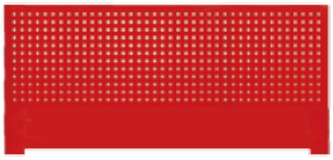
KT NO.	Spec.	Width x Depth x Height (mm)	kg	CUFT
87502P011	overall	1525 x 700 x 800	48	6.5



87502P012

- Back panel

KT NO.	Spec.	Width x Depth x Height (mm)	kg	CUFT
87502P012	overall	400 x 200 x 500	13.5	2.7



Workshop Cabinet With Hooks

87201

- With 20 PC. hooks.
  - 5PC. U shape hook (87502-050)
  - 10PC. 1" single hook (87502-051)
  - 5PC. 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.


87502-050


87502-051


87502-061





Steel thickness: (body)1.0 mm

KT NO.	Spec.	Drawer Size(mm) Width x Depth x Height	kg	CUFT
87201	overall	820 x 250 x 900	24	8

Tool Chest

87411-6B **87411-9B**
87412-4B new **87412-6B** new **87417-10B** new

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

KT NO.	Spec.	Drawer Size(mm) Width x Depth x Height	kg	CUFT
87411-6B	overall 6 drawer	660 x 307 x 374 TOP -646 x 290 x 60 3-170 x 275 x 50 2-569 x 275 x 50 1-569 x 275 x 75	25.4	3.97'
87411-9B	overall 9 drawer	660 x 307 x 427 TOP - 646 x 290 x 60 6-170 x 275 x 50 2-569 x 275 x 50 1-569 x 275 x 75	30.2	4.3'
87412-4B	overall 4 drawer	660 x 307 x 374 TOP -646 x 290 x 60 3-569 x 275 x 50 1-569 x 275 x 75	21.0	3.97'
87412-6B	overall 6 drawer	660 x 307 x 374 TOP -646 x 290 x 60 3-170 x 275 x 50 2-569 x 275 x 50 1-569 x 275 x 75	23.9	3.97'
87417-10B	overall 10 drawer	660 x 455 x 483 TOP - 646 x 420 x 70 6-169 x 410 x 48.5 1-169 x 410 x 154 2- 576 x 410 x 48.5 1- 576 x 410 x 75	51.2	8.58'


87411-6B

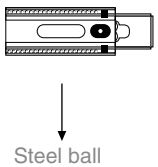

87411-9B


87412-4B


87412-6B


87417-10B


Ball bearing slides


Steel ball


Bottom rubber mats to avoid slipping


Lockable


Plastic drawer divider for cabinet

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	568x255x40	Steel	Long: 555x40(2PC.) Short: 265x40(2PC.)
87411-24	-	Plastic	Long: 570x40(2PC.) Short: 272x40(2PC.)


87411-23


87411-24



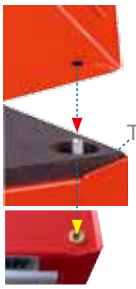
Tool Chest

87421-3B

- 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.	Drawer Size(mm) Width x Depth x Height	kg	CUFT
87421-3B	overall **6 drawer**	660 x 307 x 251 2-569 x 275 x 50 1-569 x 275 x 75	13	2.7'

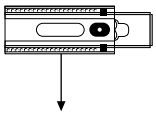




10mm Top mat



ball bearing slides



steel ball

Portable Tool Chest

87401

- 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)

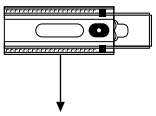
KT NO.	Spec.	Drawer Size(mm) Width x Depth x Height	kg	CUFT
87401-2	2 drawer	504 x 195 x 79	8.8	
87401-3	3 drawer	504 x 195 x 52	10.21	2.05
87401-3H	3 drawer	504 x 195 x 52	11.2	



internal lock system



ball bearing slides



steel ball



87401-2



87401-3



87401-3H

Tool Box

87402 87408

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

KT NO.	Spec.	Drawer Size(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

KT NO.	Spec.	Overall Size(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



87404



87407

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.	Overall Size(mm) Width x Depth x Height	kg	
87711C	550 x 285 x 370	3	1 / 1



Notes

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,
  Impact Driver & Accessory
- 3/4" Drive
  Socket, Ratchet & Accessory
- 1" Drive
  Socket, Ratchet & Accessory
- Combination Socket & Wrench Set



Standard Socket

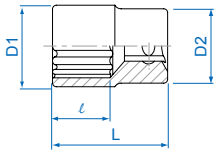
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

2330 M

- 1/4" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- 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



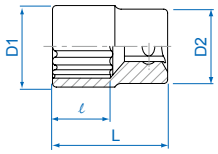


2330 S

- 1/4" drive
- 12 points
- Inch size
- Thin walled design on square driving side
- 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



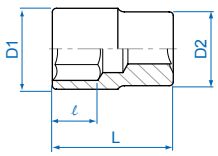


2335 M

- 1/4" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- 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



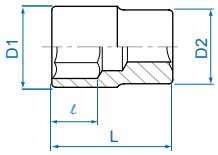


2335 S

- 1/4" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- 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
new 233518S	9/16	19.6	18.5	9	24	25.2	10 / 300



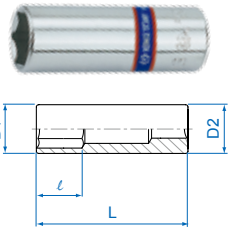


Deep Socket

2235 M

- 1/4" drive
- 6 points
- Metric size
- DIN 3124, ISO 2725-1

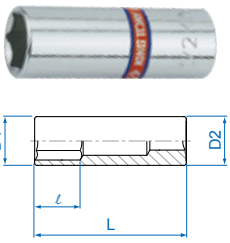
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
223504M	4	6.8	11.8	6	50	20	30 / 480
223545M	4.5	7.4	11.8	7	50	21	30 / 480
223505M	5	8.0	11.8	7	50	21	30 / 480
223555M	5.5	8.7	11.8	9	50	21	30 / 480
223506M	6	9.2	11.8	9	50	23	30 / 480
223507M	7	10.3	11.8	15	50	23	30 / 480
223508M	8	11.8	11.8	15	50	24	30 / 480
223509M	9	13.0	13.0	15	50	29	16 / 256
223510M	10	14.5	14.5	15	50	38	16 / 256
223511M	11	15.8	15.8	21	50	44	14 / 224
223512M	12	16.8	16.8	21	50	53	14 / 224
223513M	13	17.8	17.8	21	50	51	16 / 320
223514M	14	19.8	19.8	21	50	68	14 / 280



2235 S

- 1/4" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.1

KT NO.	inch	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
223505S	5/32	6.8	11.8	6	50	24	30 / 480
223506S	3/16	7.9	11.8	7	50	24	30 / 480
223507S	7/32	8.7	11.8	9	50	25	30 / 480
223508S	1/4	9.5	11.8	9	50	25	30 / 480
223509S	9/32	10.3	11.8	15	50	25	30 / 480
223510S	5/16	11.8	11.8	15	50	24	30 / 480
223511S	11/32	13.0	13.0	15	50	31	16 / 256
223512S	3/8	14.5	14.5	15	50	34	16 / 256
223514S	7/16	15.8	15.8	21	50	46	14 / 224
223516S	1/2	17.6	17.6	21	50	56	16 / 320
new 223518S	9/16	19.6	19.6	21	50	52.2	14 / 280

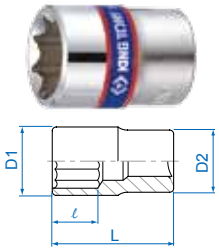


Double Square Socket

2310 M

- 1/4" drive
- 8 points
- Metric size
- Thin walled design on square driving side
- DIN 3120

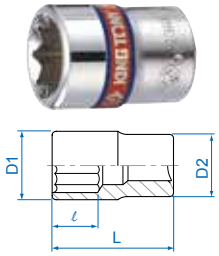
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
231008M	8	14.3	13.0	9	24	14	12 / 360
231010M	10	17.6	16.5	9	24	14	12 / 360



2310 S

- 1/4" drive
- 8 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.1

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

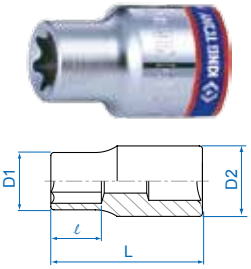


Star Socket

2375M

- 1/4" drive star socket
- For torx external screw
- Chrome vanadium steel Polished, chrome plated
- DIN 3120

KT NO.	Size	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
237504M	E4	6.0	11.8	3.6	24	15	20 / 360
237505M	E5	7.0	11.8	4.0	24	16	20 / 360
237506M	E6	8.0	11.8	6.0	24	16	20 / 360
237507M	E7	8.5	11.8	7.0	24	17	20 / 360
237508M	E8	9.8	11.8	8.0	24	20	20 / 360

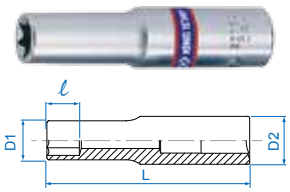


Star Socket

2275M

- 1/4" drive star socket
- For torx external screw
- Chrome vanadium steel Polished, chrome plated
- DIN 3120

KT NO.	Size	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
227504M	E4	6.0	11.8	3.6	50	22	30 / 480
227505M	E5	7.0	11.8	4.0	50	22	30 / 480
227506M	E6	8.0	11.8	6.0	50	23	30 / 480
227507M	E7	8.5	11.8	7.0	50	24	30 / 480
227508M	E8	9.8	11.8	8.0	50	26	30 / 480



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.

new ⊕ 2011X

- 1/4" drive bit socket
- PHILLIPS head
- DIN ISO 8764-1

KT NO.	No.	Overall Length (mm)	g	
201101X	1	25	9	20 / 600
201102X	2	25	10	20 / 600
201103X	3	25	10.5	20 / 600
201104X	4	25	12	20 / 600



new ⊖ 2012X

- 1/4" drive bit socket
- SLOTTED head
- DIN ISO 2380-1

KT NO.	Tip Width (mm)	Tip thickness (mm)	Overall Length (mm)	g	
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



new 2015X

- 1/4" drive bit socket
- HEXAGON head
- DIN ISO 7422

KT NO.	mm / inch	Overall Length (mm)	g	
201503MX	3	25	8.5	20 / 600
201504MX	4	25	9	20 / 600
201505MX	5	25	10	20 / 600
201506MX	6	25	10.5	20 / 600
201508MX	8	25	12	20 / 600
201510MX	10	25	12.5	20 / 600
201504SX	1/8	25	8.5	20 / 600
201506SX	3/16	25	9	20 / 600
201507SX	7/32	25	10	20 / 600
201508SX	1/4	25	10.5	20 / 600
201510SX	5/16	25	12	20 / 600
201512SX	3/8	25	12.5	20 / 600



new 2013X

- 1/4" drive bit socket
- For torx internal screw

KT NO.	Size	Overall Length (mm)	g	
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



new 2018X

- 1/4" drive bit socket
- POZIDRIV head
- DIN ISO 8764-1

KT NO.	No.	Overall Length (mm)	g	
201801X	1	25	8.5	20 / 600
201802X	2	25	9.5	20 / 600
201803X	3	25	10	20 / 600
201804X	4	25	12	20 / 600



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.

2031

- 1/4" drive bit socket
- PHILLIPS head
- DIN ISO 8764-1

KT NO.	No.	Overall Length (mm)	g	
203101	1	37	14	20 / 600
203102	2	37	14	20 / 600
203103	3	37	15	20 / 600
203104	4	37	16	20 / 600



2032

- 1/4" drive bit socket
- SLOTTED head
- DIN ISO 8764-1

KT NO.	Tip Width (mm)	Tip thickness (mm)	Overall Length (mm)	g	
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
203208	8	1.2	37	16	20 / 600
203210	10	1.6	37	17	20 / 600



2035

- 1/4" drive bit socket
- HEXAGON head
- DIN 7422/3120

KT NO.	mm	Overall Length (mm)	g	
203503	3	37	13	20 / 600
203504	4	37	15	20 / 600
203505	5	37	15	20 / 600
203506	6	37	15	20 / 600
203507	7	37	16	20 / 600
203508	8	37	17	20 / 600
203510	10	37	21	20 / 600



2033

- 1/4" drive bit socket
- For torx internal screw
- DIN 3120

KT NO.	Size	Overall Length (mm)	g	
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" drive bit socket
- For tamper resistant torx screw
- DIN 3120

KT NO.	Size	Overall Length (mm)	g	
203708	T8	37	12	20 / 600
203709	T9	37	12	20 / 600
203710	T10	37	13	20 / 600
203715	T15	37	14	20 / 600
203720	T20	37	14	20 / 600
203725	T25	37	14	20 / 600
203727	T27	37	14	20 / 600
203730	T30	37	15	20 / 600
203740	T40	37	16	20 / 600



Ratchet

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

8781007KT

2725

new

- 1/4" drive reversible ratchet quick-release 15° gear (24 teeth)
- Two teeth pawl action

KT NO.	Overall Length (inch)	(mm)	g	
2725-55F	5-1/2	140	144	6 / 108
2725-55G	5-1/2	140	171	5 / 90
2725DK	renewal kits		-	-


2725-55F


2725-55G


2725DK

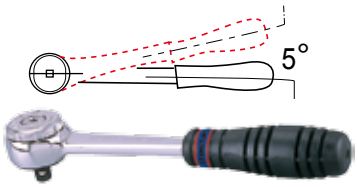
2755

DIN 3122

FINE GEAR

- 1/4" drive reversible ratchet
- 5° gear action degree (72 teeth)

KT NO.	Overall Length (inch)	(mm)	g	
2755-55G	5-1/2	140	120.0	5 / 90
2755DK	renewal kits		-	-



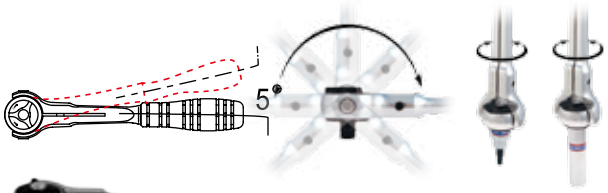
2755-55G


2755DK

2752

- 1/4" drive swivel head reversible quick release ratchet
- 5°gear action degree (72 teeth)
- Multi-angle design for difficult-to-reach fasteners

KT NO.	Overall Length (inch)	(mm)	g	
2752-06P	6	150	141	6 / 108
2752-06G	6	150	140	6 / 108
2752DK	renewal kits		-	-



2752-06P


quick release
2752-06G


2752DK

2761

DIN 3122



- 1/4" drive reversible ratchet quick-release
- 15° gear action degree (24 teeth)
- Two teeth pawl action

KT NO.	Overall Length (inch)	(mm)	g	
2761-55F	5-1/2	140	169.0	6 / 108
2761-55P	5-1/2	140	158.0	6 / 108
2761DK	renewal kits		-	-


2761-55F


2761-55P


2761DK

2769

DIN 3122

- 1/4" drive reversible ratchet
- 15° gear action degree (24 teeth)
- Two teeth pawl action

KT NO.	Overall Length (inch)	(mm)	g	
2769-55F	5-1/2	140	126.0	6 / 108
2769-55P	5-1/2	140	125.0	6 / 108
2769DK	renewal kits		-	-


2769-55F


2769-55P


2769DK

Ratchet

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

8781007KT

2771 DIN 3122

- 1/4" drive reversible ratchet quick-release 15° gear action degree (24 teeth)
- Two teeth pawl action





2771-55F



2771-55G



2771DK

KT NO.	Total Length (inch)	Total Length (mm)	g	
2771-55F	5-1/8	130	140	6 / 108
2771-55G	5-1/8	130	122	6 / 108
2771DK	renewal kits		-	-

2779 DIN 3122

- 1/4" drive reversible ratchet
- 15° gear action degree (24 teeth)
- Two teeth pawl action



2779-55F



2779-55G



2779DK

KT NO.	Total Length (inch)	Total Length (mm)	g	
2779-55F	5-1/8	130	146	6 / 108
2779-55G	5-1/8	130	126	6 / 108
2779DK	renewal kits		-	-

2781 DIN 3122

- 1/4" drive reversible ratchet quick-release
- 15° gear action degree (24 teeth)
- Two teeth pawl action





2781-06F



2781-06P



2781DK

KT NO.	Total Length (inch)	Total Length (mm)	g	
2781-06F	6	150	155	6 / 108
2781-06P	6	150	148	6 / 108
2781DK	renewal kits		-	-

2789 DIN 3122

- 1/4" drive reversible ratchet
- 15° gear action degree (24 teeth)
- Two teeth pawl action



2789-06F



2789-06P



2789DK

KT NO.	Total Length (inch)	Total Length (mm)	g	
2789-06F	6	150	140	6 / 108
2789-06P	6	150	140	6 / 108
2789DK	renewal kits		-	-

2760 DIN 3122

- 1/4" drive mini reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action



2760-04



2760DK

KT NO.	Total Length (inch)	Total Length (mm)	g	
2760-04	4	100	73.4	8 / 128
2760DK	renewal kits		-	-

Ratchet

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

8781007KT

2765 / 276A

- 1/4" drive 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	6 / 108
2765-04G	18.5	26	108	20	111	6 / 108
276A-04G	23	26	108	20	111	6 / 108
2765DK	renewal kits					
276ADK	renewal kits					



2765-04G (top, side, back)



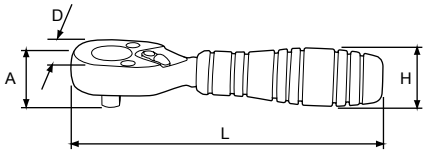
276A-04G (top, side, back)



2765-04G



276A-04G





2765DK



276ADK

Ratchet Set

1001MR

- 10 PC. 1/4" bit and mini ratchet set
- 5° gear action degree (72 teeth)
- Two teeth pawl action

KT NO.	Contents			0.19	6 / 36
1001MR	⊕		1025P	NO.1, NO.2	
	✱		1025T	T10, T15, T20	
	⬢		1025H	H3, H4, H5, H6	
			2765-04G		



2515MR

- 15 PC. 1/4" bit socket and mini ratchet set
- 5° gear action degree (72 teeth)
- Two teeth pawl action

KT NO.	Contents			0.26	6 / 36
2515MR	○		2335M	5, 5.5, 6, 7, 8	
	⊕		1025P	NO.1, NO.2	
	✱		1025T	T10, T15, T20	
	⬢		1025H	H3, H4, H5, H6	
			276A-04G		

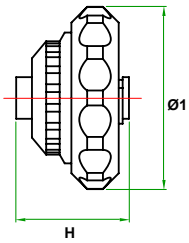


Accessory

2745

new

- 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	14 / 140

Accessory

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

8772KT

2221

DIN 3123

- 1/4" drive extension bar



KT NO.	Total Length (inch)	Total Length (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

DIN 3123

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

- 1/4" drive offset extension bar
- Max. torque:35 Nm



KT NO.	Total Length (inch)	Total Length (mm)	g	
2223-02	2	55	23	30 / 480
2223-04	4	100	45	15 / 240

2293

DIN 3123

- 1/4" drive munti-function of extention bar and offset extension bar.
- Hex key is applicable to the hex shank.
- Max. torque:35 Nm





KT NO.	Total Length (inch)	Total Length (mm)	g	
2293-02	2	55	25	30 / 480
2293-04	4	100	45	15 / 240
2293-06	6	150	140	15 / 300

Accessory

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

8781007KT

2311 DIN 3120

- 1/4" drive flexible extension bar

KT NO.	Total Length (inch)	(mm)	g	
2311-06	6	150	68	12 / 240
2311-12	12	300	92	12 / 120
2311-18	18	450	120	20 / 200



2792 DIN 3123

- 1/4" drive universal joint

KT NO.	Total Length (inch)	(mm)	g	
2792	1 - 1/2	36	29	24 / 384



2813 DIN 3123

- 1/4" drive adapter
- Convert to 3/8" drive

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



3/8" drive (M) ← 1/4" drive (F)

213312DF DIN 3216

- 1/4" drive screwdriver driver

KT NO.	Total Length (inch)	(mm)	g	
213312DF	12	300	132	2 / 40



2177DF DIN 3122

- 1/4" drive spinner handle

KT NO.	Total Length (inch)	(mm)	g	
2177DF	12-1/4	310	126	2 / 40



2178AE DIN 3122
2178DF DIN 3122

- 1/4" drive driving handle

KT NO.	Total Length (inch)	(mm)	g	
2178AE	6	150	76	6 / 120
2178DF	6	150	71	6 / 120



2178AE (Polycarbonates)



2178DF (PP + TPR)

2452 DIN 3122

- 1/4" drive flexible handle
- Action degree -180°

KT NO.	Total Length (inch)	(mm)	g	
2452-05F	5	130	88	15 / 270
2452DK	renewal kits		-	-





2452DK

Accessory

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

8781007KT

2571

DIN 3122

- 1/4" drive sliding T-handle

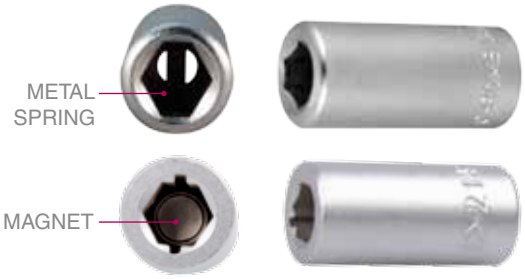
KT NO.	Total Length (inch)	Total Length (mm)	g	
2571-45	4-1/2	115	41	12 / 192



2141

- 1/4" drive bit holder

KT NO.	Size (inch)	Total Length (mm)	g	
2141	1/4	25	14	20 / 360
2142	1/4	25	14.2	20 / 360



Socket Rail Set

2509 MR SR

- 9 PC. 1/4" drive socket set
- Socket rail 150mmL
  - Rail with 9 PC. 1/4" drive clip

KT NO.	Contents				kg 0.17	50
2509MR	○		2335M	4, 5, 6, 7, 8, 9, 10, 11, 13	8720609	
2509SR	○		2335S	5/32, 3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		



2127PR

- 7 PC. 1/4" drive bit socket set
- Socket rail 130mmL
  - Rail with 7 PC. 1/4" drive clip

KT NO.	Contents				kg 0.15	50
2127PR	●		2035	H3, H4, H5, H6, H7, H8, H10	8720507	



2109PR

- 9 PC. 1/4" drive torx bit socket set
- Socket rail 150mmL
  - Rail with 9 PC. 1/4" drive clip

KT NO.	Contents				kg 0.12	50
2109PR	✱		2033	T8, T9, T10, T15, T20, T25, T27, T30, T40	8720609	



2107PR

- 7 PC. 1/4" drive tamper resistant torx bit socket set
- Socket rail 130mmL
  - Rail with 7 PC. 1/4" drive clip

KT NO.	Contents				kg 0.12	50
2107PR	✱		2037	T10, T15, T20, T25, T27, T30, T40	8720507	



Socket Rail Set

2119PR

- 9 PC. 1/4" drive tamper resistant torx bit socket set
- Socket rail 150mmL
  - Rail with 9 PC. 1/4" drive clip



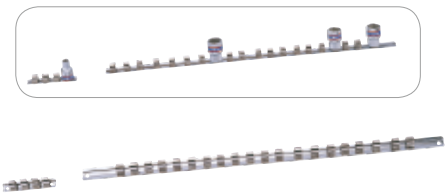
KT NO.	Contents				0.12	50
2119PR			2037	T8, T9, T10, T15, T20, T25, T27, T30, T40	8720609	

Socket Rail

872

- 1/4" drive socket rail
- Rail length from 160 mm to 560 mm

Customer Selected



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

Socket Set

2510 SR

- 10 PC. 1/4" drive socket set

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



KT NO.	Contents			0.62	1 / 30
2510SR		2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		

2511 MR

- 11 PC. 1/4" drive socket set

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



KT NO.	Contents			0.67	1 / 30
2511MR		2235M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		

2516 MR SR

- 16 PC. 1/4" drive socket set

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



2516MR



2516SR

KT NO.	Contents				1.10	1 / 18
2516MR		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13	2779-55G, 2221-04, 2178AE, 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	2571-45		

Socket Set

2518 MR MR01 new

▪ 18 PC. 1/4" drive socket set



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

KT NO.	Contents				0.96	1 / 20
2518MR	○	2335M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12			
	○	2310M	8, 10			
2518MR01	○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13			


2725-55F


2452-05F


2571-45

2221-02
2221-04


2792

2019 MR SR
2519 MR SR

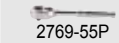
▪ 18 PC. 1/4" drive socket set

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


2019MR & 2519MR


2019SR & 2519SR

KT NO.	Contents						0.92	1 / 20
2019MR	○	2330M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12	○	2310M	8, 10		
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						


2769-55P


2452-05F


2221-02
2221-04


2571-45

2792

2021 MR
2521 MR

▪ 19 PC. 1/4" drive socket set

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



KT NO.	Contents				0.87	1 / 20
2021MR	○	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13			
2521MR	○	2335M				

2779-55G

2221-02
2221-04

2571-45

2452-05F

2792

2141

2525 MRE

▪ 25 PC. 1/4" drive socket set



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

KT NO.	Contents				0.56	1 / 20
2525MRE	○	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

Socket Set

2526 MR SR

▪ 26 PC. 1/4" drive socket set

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



2526MR



2526SR

KT NO.	Contents				1.30	1 / 18
2526MR	○		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13	 2779-55G	2221-02 2221-04
	○		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		 2792
	○		2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		 2813

2526 CR

▪ 26 PC. 1/4" drive socket set

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



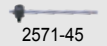
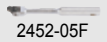
KT NO.	Contents				0.68	1 / 12
2526CR	○		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	 2779-55G	2452-05F
	○		2335S	1/4, 3/8, 1/2		 2571-45
	✱		2033	T20, T25, T30, T40	2221-02 2221-04	 2792

2030 CR
2530 CR

▪ 30 PC. 1/4" drive socket set

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



KT NO.	Contents				1.30	1 / 18
2030CR	○		2330M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12	○  8, 10 2310M	 2769-55F
	○		2330S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		2221-02 2221-04
2530CR	○		2335M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12	○  5/16, 3/8 2310S	 2571-45
	○		2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		 2792
						 2452-05F

Socket Set

2031 MR
2531 MR

▪ 31 PC. 1/4" drive socket set



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

KT NO.	Contents					1.60	1 / 15
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, 2571-45, 2178AE, 2792	
2531MR	○	2335M		● 2035	3, 4, 5, 6, 8, 10		

2539 MR

▪ 39 PC. 1/4" drive socket set



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

KT NO.	Contents				1.52	1 / 15
2539MR	○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		2779-55G, 2178AE, 2571-45, 2221-02, 2221-04, 2792	
	✱	2033	T8, T9, T10, T15, T20, T25, T27, T30, T40			
	●	2035	3, 4, 5, 6, 7, 8, 10			
	✪	2375	E4, E5, E6, E7, E8			

2540 MR

▪ 39 PC.1/4" drive socket set



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

KT NO.	Contents				1.36	1 / 12
2540MR	○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		2779-55G, 2792, 2133DF, 2571-45, 2452-05F, 2221-02, 2221-06, 2141	
	⊖	1025S	4, 5.5, 7			
	⊕	1025P	0, 1, 2, 3			
	●	1025H	3, 4, 5, 6, 7, 8			
	✱	1025T	T10, T15, T20, T25, T30, T40			

Socket Set

2575 MR

▪ 45 PC. 1/4" drive socket set



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

KT NO.	Contents				1.24	1 / 18
2575MR			2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
			1025S	4, 6.5, 7, 8		
			1025P	1, 2, 3		
			1025H	2.5, 3, 4, 5, 6, 7, 8, 10		
			1025U	T8, T9, T10, T15, T20, T25, T27, T30, T40		
			1025Z	PZ1, PZ2, PZ3		



2551 MR MR01

▪ 51 PC. 1/4" drive socket set



2551MR



2551MR01

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

KT NO.	Contents				1.3	1 / 18
2551MR			2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
			1025S	3, 4, 5, 6		
			1025P	PH1, PH2 x 2, PH3		
			1025H	H3, H4, H5, H6		
2551MR01			1025U	T10, T15, T20, T25, T27, T30, T40		
			1025Z	PZ1, PZ2 x 2, PZ3		
			1025T	T10, T15, T20, T25, T27, T30, T40		



Standard Socket

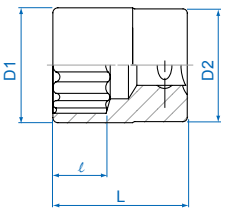
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

3330 M

- 3/8" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- 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



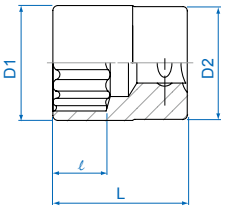


3330 S

- 3/8" drive
- 12 points
- Inch size
- Thin walled design on square driving side
- 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
new 333030S	15/16	31.8	26.0	17.0	34	83.7	8 / 160
new 333032S	1	33.8	26.0	17.0	34	100	8 / 160



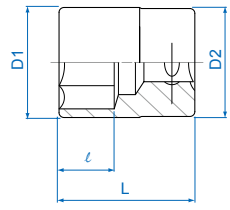


3335 M

- 3/8" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- 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







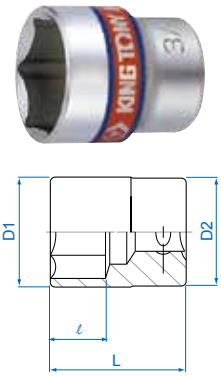
Standard Socket

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

3335 S

- 3/8" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- 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

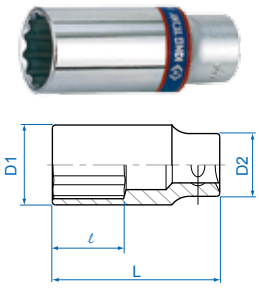


Deep Socket

3230 M

- 3/8" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1

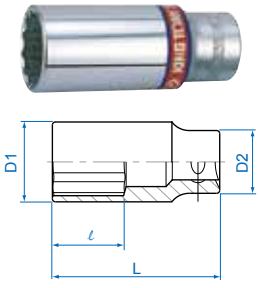
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
323007M	7	10.8	17.8	10.0	63	54	20 / 320
323008M	8	12.0	17.8	12.0	63	54	18 / 288
323009M	9	13.2	17.8	12.0	63	59	18 / 288
323010M	10	14.5	17.8	12.0	63	56	15 / 240
323011M	11	15.8	17.8	15.0	63	63	15 / 240
323012M	12	16.8	17.8	15.0	63	58	15 / 240
323013M	13	17.8	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	3 / 48



3230 S

- 3/8" drive
- 12 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.1

KT NO.	inch	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
new 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
new 323028S	7/8	29.7	26.0	21.0	63	128	6 / 96
new 323030S	15/16	31.8	26.0	22.0	63	159	3 / 48
new 323032S	1	33.8	26.0	22.0	63	277	3 / 48



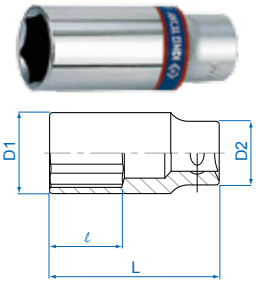
Deep Socket

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

3235 M

- 3/8" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1

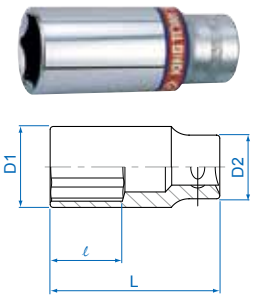
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
323507M	7	10.8	17.8	10.0	63	52	20 / 320
323508M	8	12.0	17.8	12.0	63	52	18 / 288
323509M	9	13.2	17.8	12.0	63	56	18 / 288
323510M	10	14.5	17.8	12.0	63	60	15 / 240
323511M	11	15.8	17.8	15.0	63	68	15 / 240
323512M	12	16.8	17.8	15.0	63	68	15 / 240
323513M	13	17.8	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	3 / 48



3235 S

- 3/8" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.1

KT NO.	inch	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
new 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
new 323528S	7/8	29.7	26.0	21	63	128	6 / 96
new 323530S	15/16	31.8	26.0	22	63	159	3 / 48
new 323532S	1	33.8	26.0	22	63	277	3 / 48

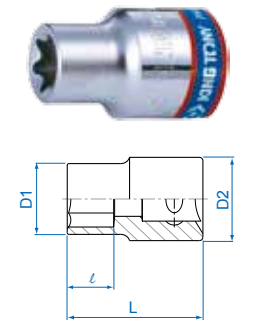


Star Socket

3375M

- 3/8" drive star socket
- For torx external screw
- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120

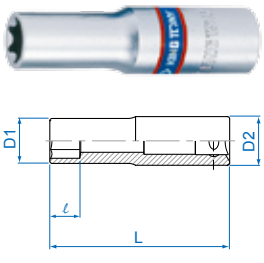
KT NO.	Size	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
337504M	E4	6.0	16.8	3.6	28	18	12 / 360
337505M	E5	7.0	16.8	4.0	28	19	12 / 360
337506M	E6	8.0	16.8	5.0	28	20	12 / 360
337507M	E7	8.9	16.8	6.0	28	21	12 / 360
337508M	E8	10.0	16.8	6.5	28	21	12 / 360
337510M	E10	12.0	16.8	7.0	28	22	12 / 360
337511M	E11	12.8	16.8	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" drive star socket
- For torx external screw
- Long type
- 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

3215 M

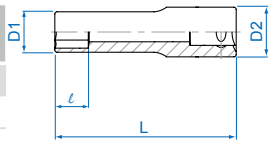
- 3/8" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- Specifically for heat plug, glow plug



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	20 / 240
321512M	12	15.0	17.8	15.0	65	57	20 / 240





Universal Socket

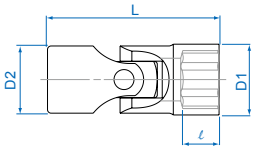
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

3750 M

- 3/8" drive
- 12 points
- Metric size
- 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





Spark Plug Socket



3630 3635 3660 3665

- 3/8" drive spark plug socket
- 6 / 12 points
- Size combined
  - 16.0mm (5/8")
  - 20.8mm (13/16")
- Inside sleeve
  - rubber
  - magnet
- DIN 3120



Magnet



363016



366016



363021



366021



363516



366516

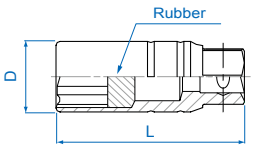


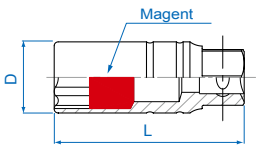
363521



366521

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





Spark Plug Socket

36A0

36A5


Spring

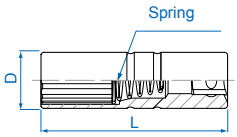
- 3/8" drive spark plug socket
- 6 / 12 points
- Size combined - 14.0mm, 18.0mm
- Inside sleeve - spring
- DIN 3120

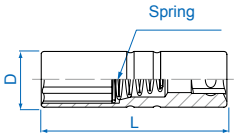

36A018


36A518


36A014


36A514





KT NO.	Type	Size (mm)	D (mm)	L (mm)	g	
36A014	12 points	14.0	18.9	63	65.4	12 / 192
36A018	12 points	18.0	23.8	63	98.0	8 / 128
36A514	6 points	14.0	18.9	63	69.4	12 / 192
36A518	6 points	18.0	23.8	63	98.2	8 / 128

36B0

36C0

36D0


rubber

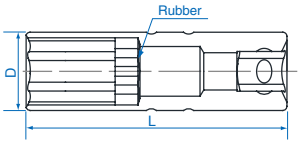
- 3/8" drive spark plug socket
- 12 points
- Inside sleeve - rubber
- DIN 3120
- 36C014 & 36D014 are suitable for BMW, Mini, RENAULT Clio / Twingo / Kangoo type, PEUGEOT 206 1.4 16V, CITROEN C5 HPI


36B018


36C014


36B014


36D014



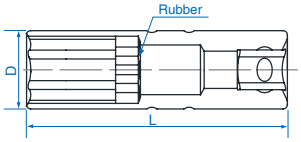
KT NO.	Type	Size (mm)	D (mm)	L (mm)	g	
36B014	12 points	14.0	19.9	63	80.3	12 / 192
36B018	12 points	18.0	24.7	65	106.5	8 / 128
36C014	12 points	14.0	19.7	90	112.8	12 / 144
36D014	12 points	14.0	18.5	250	291.4	4 / 64

36B5 new


rubber

- 3/8" drive spark plug socket
- 6 points
- Inside sleeve - rubber
- DIN 3120





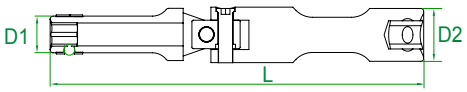
KT NO.	Type	Size (mm)	D (mm)	L (mm)	g	
36B514	6 points	14.0	18.9	63	80.3	12 / 192

Glow Plug Socket

3785 M new

- 3/8" drive 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.	Size	D1 (mm)	D2 (mm)	g	L (mm)	
378508M	8	13.5	17.8	120	120	10 / 100
378509M	9	13.5	17.8	127	120	10 / 100
378510M	10	13.5	17.8	128	120	10 / 100
378512M	12	17.8	17.8	136	120	10 / 100
378514M	14	17.8	17.8	142	120	10 / 100
378516M	16	19.8	17.8	157	120	10 / 100

Glow Plug Socket Set

3716 MR new



KT NO.	PC./SET	Contents	kg 1.23	1/10
3716MR	6	8, 9, 10, 12, 14, 16		

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.

3021

- 3/8" drive bit socket
- PHILLIPS head
- DIN ISO 8764-1

KT NO.	No.	Overall Length (mm)	g	
302102	2	50	35	20 / 400
302103	3	50	36	20 / 400
302104	4	50	37	20 / 400



3022

- 3/8" drive bit socket
- SLOTTED head
- DIN 2380

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



3025

- 3/8" drive bit socket
- HEXAGON head
- DIN 7422/3120

KT NO.	mm	Overall Length (mm)	g	
302503	3	50	28	20 / 400
302504	4	50	30	20 / 400
302505	5	50	34	20 / 400
302506	6	50	38	20 / 400
302507	7	50	38	20 / 400
302508	8	50	40	20 / 400
302509	9	50	40	20 / 400
302510	10	50	40	20 / 400
302512	12	50	42	20 / 400



3023

- 3/8" drive bit socket
- For torx internal screw
- DIN 3120

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



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.

3027

- 3/8" drive bit socket
- For tamper resistant torx screw
- DIN 3120

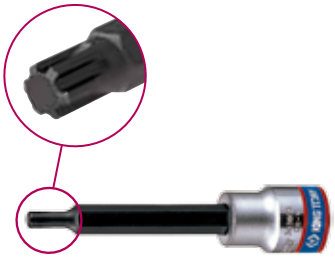
KT NO.	Size	Overall Length (mm)	g	
302708	T8	50	28	20 / 400
302709	T9	50	28	20 / 400
302710	T10	50	28	20 / 400
302715	T15	50	28	20 / 400
302720	T20	50	30	20 / 400
302725	T25	50	34	20 / 400
302727	T27	50	38	20 / 400
302730	T30	50	38	20 / 400
302740	T40	50	40	20 / 400
302745	T45	50	40	20 / 400
302750	T50	50	42	20 / 400



3039

- 3/8" drive ribe bit socket
- Use for VW, Audi, Fiat cylinder head bolt
- DIN 3120

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



302D

- 3/8" drive bit socket
- For torx plus tamper screw
- DIN 3120

KT NO.	Size	Overall Length (mm)	g	
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
  - handle of chrome vanadium alloy steel
  - (gear) driver of chrome molybdenum steel
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

8781012KT

3725

new DIN 3122

- 3/8"drive reversible ratchet
- 8° gear action degree(45 teeth)

KT NO.	Overall Length (inch)	(mm)	g	
3725-08F	8	203	333	2 / 40
3725-08G	8	200	387	2 / 32
3725DK	renewal kits		-	-

FINE GEAR


3725-08F


3725-08G


3725DK

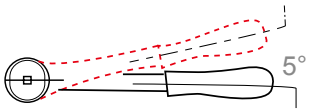
3755

DIN 3122

- 3/8" drive reversible ratchet
- 5° gear action degree (72 teeth)

KT NO.	Overall Length (inch)	(mm)	g	
3755-08G	8	200	387.0	2 / 40
3755DK	renewal		-	-

FINE GEAR



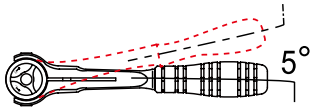

3755-08G


3755DK

3752

- 3/8" swivel head reversible quick release ratchet
- 5°gear action degree (72 teeth)
- Multi-angle design for difficult-to-reach fasteners

KT NO.	Overall Length (inch)	(mm)	g	
3752-09P	9	235	409	2 / 32
3752-09G	9	235	378	2 / 32
3752DK	renewal kits		-	-






3752-09P


quick release

3752-09G


3752DK

3760

DIN 3122

- 3/8" drive mini reversible ratchet
- 6° gear action degree (64 teeth)
- Five teeth pawl action

KT NO.	Overall Length (inch)	(mm)	g	
3760-45	4-3/8	110	120.2	6 / 108
3760DK	renewal kits		-	-

MINI RATCHET


3760-45


3760DK

3761

DIN 3122

- 3/8" drive reversible ratchet quick-release
- 11° gear action degree (32 teeth)
- Two teeth pawl action



KT NO.	Overall Length (inch)	(mm)	g	
3761-08F	8	200	358.0	2 / 40
3761-08P	8	200	333.0	2 / 40
3761DK	renewal kits		-	-


3761-08F


3761-08P


3761DK

Ratchet

8781012KT

3769 DIN 3122

- 3/8" drive reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action

KT NO.	Overall Length (inch)	(mm)	g	
3769-08F	8	200	358.0	2 / 40
3769-08P	8	200	358.0	2 / 40
3769DK	renewal kits		-	-


3769-08F
3769-08P


3769DK

3771 DIN 3122

- 3/8" drive reversible ratchet quick-release
- 11° gear action degree (32 teeth)
- Two teeth pawl action



KT NO.	Overall Length (inch)	(mm)	g	
3771-08F	8	200	370	2 / 40
3771-08G	8	200	309	2 / 40
3771DK	renewal kits		-	-


3771-08F
3771-08G


3771DK

3779 DIN 3122

- 3/8" drive reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action

KT NO.	Overall Length (inch)	(mm)	g	
3779-08F	8	200	355	2 / 40
3779-08G	8	200	295	2 / 40
3779DK	renewal kits		-	-


3779-08F
3779-08G

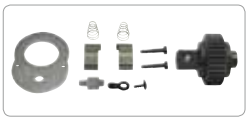

3779DK

3781 DIN 3122

- 3/8" drive flexible ratchet quick-release
- 11° gear action degree (32 teeth)
- Two teeth pawl action

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


3781-11F
3781-11P


3781DK

3789 DIN 3122

- 3/8" drive flexible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action

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


3789-11F
3789-11P


3789DK

Accessory

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

8773KT

3221

DIN 3123

- 3/8" drive extension bar

KT NO.	Total Length (inch)	Total Length (mm)	g	
3221-16	1-3/4	44	39	14 / 224
3221-03	3	75	75	12 / 240
3221-06	6	150	146	6 / 120
3221-10	10	250	240	9 / 144
3221-18	18	450	428	1 / 50
3221-24	24	600	570	1 / 50



CAUTION

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

3223

DIN 3120

- 3/8" drive offset extension bar
- Max. torque:150 Nm

KT NO.	Total Length (inch)	Total Length (mm)	g	
3223-14	1-1/2	38	41	12 / 224
3223-02	2	50	51	14 / 224
3223-03	3	75	75	12 / 240
3223-06	6	150	146	6 / 120
3223-10	10	250	240	9 / 144



3293

- 3/8" drive multi-function of extention bar and offset extension bar
- Hex key is applicable to the hex shank
- DIN 3120
- Max. torque:150 Nm


1.offset extension bar

or


2.extension bar

KT NO.	Total Length (inch)	Total Length (mm)	g	
3293-03	3	75	80	12 / 240
3293-06	6	150	140	6 / 120
3293-10	10	250	240	9 / 144



3311

- 3/8" drive flexible extension bar

KT NO.	Total Length (inch)	Total Length (mm)	g	
3311-06	6	150	148	5 / 100
3311-12	12	300	172	12 / 108



Accessory

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

3452

DIN 3122

- 3/8" drive flexible handle
- Action degree -180°

KT NO.	Total Length (inch)	Total Length (mm)	g	pcs/box
3452-08F	8-1/2	215	259	4 / 80
3452-08G	8-1/2	215	278	2 / 40
3452-10F	10	250	319	4 / 80
3452-10G	10	250	325	3 / 60

8781012KT



3452-08F
3452-10F



3452-08G
3452-10G



3452DK

3571

DIN 3122

- 3/8" drive sliding T-handle

KT NO.	Total Length (inch)	Total Length (mm)	g	pcs/box
3571-08	8	200	182	4 / 80

8781012KT



3792

DIN 3123

- 3/8" drive universal joint

KT NO.	Total Length (inch)	Total Length (mm)	g	pcs/box
3792	2	50	67	15 / 300

8773KT

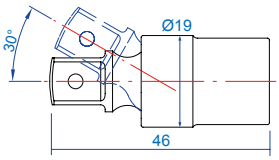


3794

- 3/8" drive universal joint
- 30° rotation
- Short pattern design enables greater access in confined spaces

KT NO.	Total Length (inch)	Total Length (mm)	g	pcs/box
3794	1-4/5	46	45	15 / 300





3812 3814

DIN 3123, ISO3316

- 3/8" drive adapter
- Convert to 1/4" drive or 1/2" drive
- 3812→Max. torque:80.6 Nm

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

8773KT

1/4" drive (M)
1/2" drive (M)



3/8" drive (F)

3812 / 3814

3148

- 3/8" drive bit holder
- DIN 3120 / 3126

KT NO.	Size	Total Length (mm)	g	pcs/box
314808S	1/4"	30	33	12 / 360
314810S	5/16"	30	35	12 / 360
314810M	10 mm	30	35	12 / 360



Socket Rail Set

3013 MR SR
3513 MR

- 13 PC. 3/8" drive socket set
- Socket rail 290mmL
  - Rail with 13 PC. 3/8" drive clip

KT NO.	Contents				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		



3508 MR10

- 8 PC. 3/8" drive deep socket set
- Socket rail 210mmL
  - Rail with 8 PC. 3/8" drive clip

KT NO.	Contents				0.65	24
3508MR10	○		3235M	10, 11, 12, 13, 14, 16, 17, 19	8730808	



3106PR
3116PR

- 6 PC. 3/8" drive socket set
- Socket rail 150mmL
  - Rail with 6 PC. 3/8" drive clip



3106PR

KT NO.	Contents						
3106PR	✪		3375M	E8, E10, E12, E14, E16, E18	8730606	0.28	40
3116PR	✪		3275M	E4, E5, E8, E10, E12, E14		0.39	50



3116PR

3105PR

- 5 PC. 3/8" + 1/2" drive ribe bit socket set
- Socket rail 150mmL
  - Rail with 2 PC. 3/8" & 3 PC. 1/2" drive clip

KT NO.	Contents				0.75	30
3105PR	✪		3039	M7, M8	8730605	
	✪		4049	M10, M12, M13		



3108PR8

- 8 PC. 3/8" drive hexagon bit socket set
- Socket rail 210mmL
  - Rail with 8 PC. 3/8" drive clip

KT NO.	Contents				0.34	50
3108PR8	●		3025	H3, H4, H5, H6, H7, H8 H10, H12	8730808	



Socket Rail Set

packing



3109PR8 / 3119PR8 / 3149PR8 / 3131PR8

3118PR

new

- 8 PC. 3/8" drive bit socket set
- Socket rail 210mmL
  - Rail with 8 PC. 3/8" drive clip

KT NO.	Contents				0.34	50
3118PR			3023	T15, T20, T25, T27, T30, T40, T45, T50		8730809



3109PR8

- 9 PC. 3/8" drive star bit socket set
- Socket rail 210mmL
  - Rail with 9 PC. 3/8" drive clip

KT NO.	Contents				0.36	50
3109PR8			3023	T10, T15, T20, T25, T27, T30, T40, T45, T50		8730809



3119PR8

- 9 PC. 3/8" drive bit socket set
- Socket rail 210mmL
  - Rail with 9 PC. 3/8" drive clip

KT NO.	Contents				0.36	50
3119PR8			3027	T10, T15, T20, T25, T27, T30, T40, T45, T50		8730809



3131PR8

- 11 PC. 3/8" drive bit socket set
- Socket rail 210mmL
  - Rail with 11 PC. 3/8" drive clip

KT NO.	Contents				0.4	48
3131PR8			3027	T8, T9, T10, T15,T20, T25, T27, T30, T40, T45, T50		8730811



3146PR

- 6 PC. 3/8" drive bit socket set
- Socket rail 150mmL
  - Rail with 6 PC. 3/8" drive clip

KT NO.	Contents				0.36	50
3146PR			302D	PR10, PR15, PR20, PR25, PR27, PR30		8730606



3149PR8

- 9 PC. 3/8" drive bit socket set
- Socket rail 210mmL
  - Rail with 9 PC. 3/8" drive clip

KT NO.	Contents				0.36	50
3149PR8			302D	IPR10, IPR15, IPR20, IPR25, IPR27, IPR30, IPR40, IPR45, IPR50		8730809



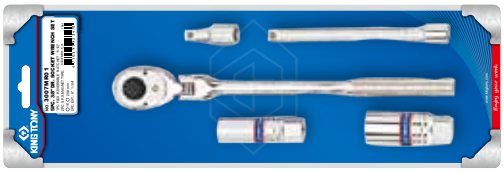
Socket Set

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

3007MR01

- 5 PC. 3/8" drive socket set

KT NO.	Contents	0.98	20
3007MR01	366516, 366021, 3789-11F, 3221-06, 3221-16		



Extension Bar Set

3113PR

- 3 PC. 3/8" drive extension bar set

KT NO.	Contents	0.5	35
3113PR	3221 — 3", 6", 10"		



3103PR

- 3 PC. 3/8" drive offset extension bar set

KT NO.	Contents	0.4	35
3103PR	3223 — 3", 6", 10"		



Socket Rail

873

- 3/8" drive socket rail
- Rail length from 160 mm to 560 mm

KT NO.		CLIP	L (mm)	g	
870406		-	160	-	-
870311		-	280	-	-
870322		-	560	-	-
8730		-	-	-	-

Customer Selected





Socket Set

3508 MR SR

▪ 8 PC. 3/8" drive deep socket set

KT NO.	Contents			1.0	1 / 20
3508MR	○		3235M	10, 11, 12, 13, 14, 16, 17, 19	
3508SR	○		3235S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16	



3508MR 3508SR

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

3020 MR02 SR02
3520 MR02

▪ 20 PC. 3/8" drive socket set



3020MR02 / 3520MR02 3020SR02

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

KT NO.	Contents							1.0	1 / 6
3020MR02	○		3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 22	○		363021	3779-08F, 3221-03, 3221-06	3452-08G, 3571-08, 3792
3520MR02	○		3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 23	○		363521		
3020SR02	○		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	○		363021		

3023 MR MR04
3523 MR MR04

▪ 22 PC. 3/8" drive socket set



3023MR / 3523MR 3023MR04 / 3523MR04

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

KT NO.	Contents									1.0	1 / 6
3023MR	○		3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22	3769-08F	3221-03, 3221-06	3452-08F			2.8	1 / 6
3523MR	○		3335M								
3023MR04	○		3330M		3755-08G	3571-08	3792			3.0	1 / 6
3523MR04	○		3335M								

Socket Set

3024 MR SR
3524 MR

▪ 24 PC. 3/8" drive socket set



3024MR/3524MR



3024SR

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

KT NO.	Contents				2.2	1 / 10
3024MR	○	3330M	6, 7, 8, 9, 10, 11, 13, 14, 17, 19	⊕ 3021 2, 3	⊖ 3022 5, 8	3779-08G
3524MR	○	3335M	6, 7, 8, 9, 10, 11, 13, 14, 17, 19			
3024SR	○	3330S	1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	● 3025 3, 4, 5, 6, 7, 8, 10	3221-06	3792

3027 MR SR
3527 MR

▪ 26 PC. 3/8" drive socket set



3027MR / 3527MR



3027SR

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

KT NO.	Contents				2.6	1 / 10
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
3527MR	○	3335M	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19			
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		3221-03	3792
	○	3235S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16			

3034 MR
3534 MR

▪ 36 PC. 3/8" drive socket set



3034MR / 3534MR

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

KT NO.	Contents				3.1	1 / 6
3034MR	○	3330M	6, 7, 8, 9, 10, 11, 13, 14, 17, 19	✪ 3375 E4, E5, E6, E7, E8, E10, E12, E14, E16, E18	3779-08G	3221-03 3221-06
3534MR	○	3335M	6, 7, 8, 9, 10, 11, 13, 14, 17, 19	✪ 3023 T8, T9, T10, T15, T20, T25, T27, T30, T40, T45	3792 3452-10F	3571-08

Socket Set

3036 CR

▪ 36 PC. 3/8" drive socket set



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

KT NO.	Contents				3.27	1 / 6
3036CR	○		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	
	○		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	3571-08, 3792	

3537 MR

▪ 39 PC. 3/8" drive socket set



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

KT NO.	Contents				3.17	1 / 6
3537MR	✪		3023	T8, T9, T10, T15, T20, T25, T27, T30, T40, T45	3779-08G, 3221-03, 3221-06, 3792, 3452-10F, 3571-10	
	○		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		

3050 MR

▪ 50 PC. 3/8" drive socket set



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

KT NO.	Contents			4.65	1 / 4
3050MR	○		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	No.2 x 100	
	⊖		1422	5.5 x 100	
	◉		1120MR	3, 4, 5, 6, 7, 8, 10	
	✪		1832T	T15, T20, T25, T30, T40, T45, T50	
	○	363516	6111-06	3734-10F, 3792	
	○	363021	3221-03, 3221-06	3571-08, 314810S	

Standard Socket

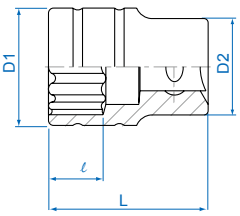
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

4330 MR

- 1/2" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- 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	26.6	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
433036MR	36	47.0	33.0	24.0	46	238	6 / 96



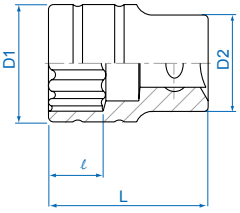


4330 SR

- 1/2" drive
- 12 points
- Inch size
- Thin walled design on square driving side
- 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	26.8	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





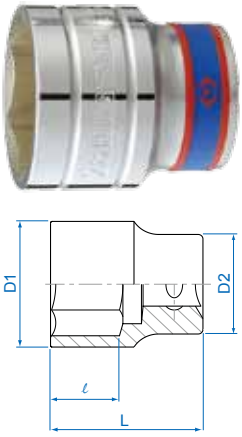
Standard Socket

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

4335 MR

- 1/2" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1

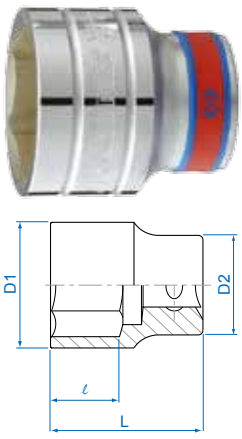
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
433506MR	6	12.0	23.3	7.0	38	105	10 / 200
433507MR	7	12.6	23.3	7.0	38	102	10 / 200
433508MR	8	13.2	23.3	7.0	38	61	10 / 200
433509MR	9	14.0	23.3	7.0	38	59	10 / 200
433510MR	10	15.0	23.3	8.0	38	60	10 / 200
433511MR	11	16.4	23.3	8.0	38	60	10 / 200
433512MR	12	17.8	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	26.6	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



4335 SR

- 1/2" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- 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	26.8	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



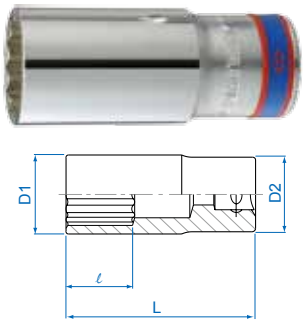
Deep Socket

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

4230 M

- 1/2" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1

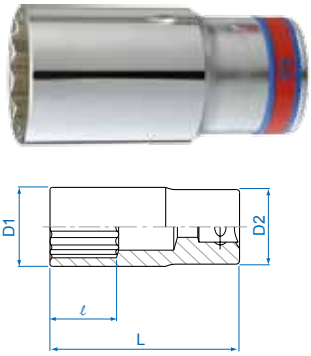
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
423008M	8	13.2	22.0	16	77	107	6 / 120
423009M	9	14.0	22.0	16	77	112	6 / 120
423010M	10	15.2	23.7	24	77	116	6 / 120
423011M	11	16.3	23.7	24	77	119	6 / 120
423012M	12	17.7	23.7	24	77	123	6 / 120
423013M	13	18.7	23.7	24	77	125	6 / 120
423014M	14	20.2	23.7	35	77	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	26.7	23.2	35	77	176	6 / 96
423020M	20	27.7	24.0	35	77	201	6 / 96
423021M	21	28.7	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	4 / 48
423036M	36	46.8	40.5	36	77	443	2 / 40



4230 S

- 1/2" drive
- 12 points
- Inch size
- Thin walled design on square driving side
- 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	26.7	23.2	35	77	176	6 / 96
423026S	13/16	28.6	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

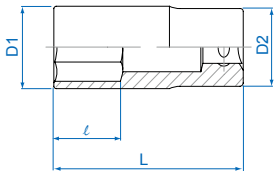
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

4235 M

- 1/2" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- 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	26.7	23.2	35	77	151	6 / 96
423520M	20	27.7	24.0	35	77	194	6 / 96
423521M	21	28.7	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	4 / 48
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



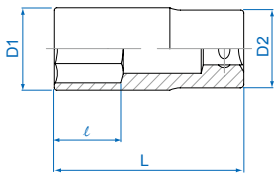


4235 S

- 1/2" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- 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	26.7	23.2	35	77	140	6 / 96
423526S	13/16	28.6	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	4 / 48
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

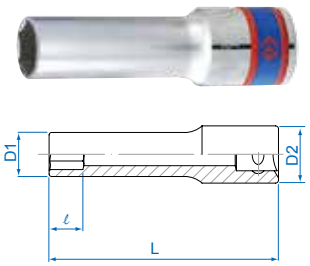
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

4245 M

- 1/2" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- 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

EXTENDED LENGTH

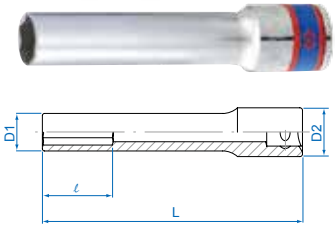


4255 M

- 1/2" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3120

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
425508M	8	13.2	22.0	20.0	120	135	6/96
425509M	9	14.0	22.0	25.0	120	145	6/96
425510M	10	15.2	23.7	32.0	120	162	6/96
425512M	12	17.7	23.7	32.0	120	200	6/96
425513M	13	18.7	23.7	32.0	120	202	6/96
425514M	14	20.2	23.7	32.0	120	217	6/96

EXTENDED LENGTH



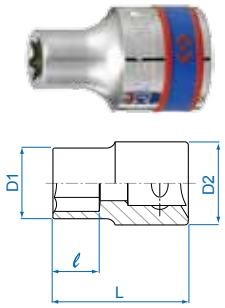
Star Socket

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

4375M

- 1/2" drive star socket
- For torx external screw
- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120

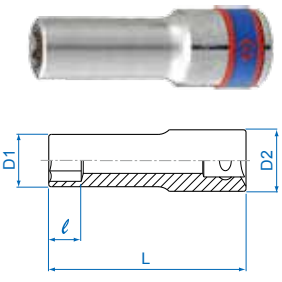
KT NO.	Size	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
437510M	E10	13.2	23.8	7.5	37	60	10 / 200
437512M	E12	15.0	23.8	9.0	37	62	10 / 200
437514M	E14	16.4	23.8	10.0	37	64	10 / 200
437516M	E16	18.8	23.8	11.0	37	68	10 / 200
437518M	E18	20.5	23.8	12.5	39	72	10 / 200
437520M	E20	22.8	23.8	14.0	39	74	10 / 200
437522M	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" drive star socket
- Long type
- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120

KT NO.	Size	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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



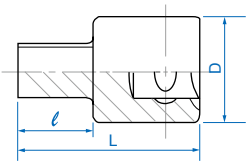
Square Socket

4014 M

- 1/2" drive square socket
- 4 ball retaining grooves
- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120

KT NO.	Size (mm)	D (mm)	ℓ (mm)	L (mm)	g	
401408M	8.0	23.5	13.5	35	60	10 / 200
401409M	9.5	23.5	13.5	35	68	10 / 200
401410M	10.0	23.5	13.5	35	72	10 / 200
401411M	10.5	23.5	13.5	35	78	10 / 200
401412M	12.0	23.5	13.5	35	90	10 / 200
401413M	12.7	23.5	13.5	35	97	10 / 200
401414M	13.5	23.5	13.5	35	106	10 / 200
401419M	19.0	25.0	15.5	40	130	10 / 160





Spark Plug Socket

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

4630 4635 4660 4665

- 1/2" drive spark plug socket
- 6 / 12 points
- Size combined
  - 16.0mm (5/8")
  - 20.8mm (13/16")
- Inside sleeve
  - rubber
  - magnet
- DIN 3120
- 14mm use for Toyota Yaris, Vios


Magnet



463014RC - Thin walled design



463016R - Thin walled design



466016 - Thin walled design



463514RC - Thin walled design



463516R - Thin walled design



466516 - Thin walled design

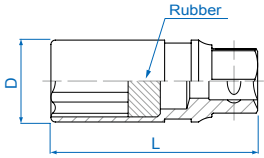
KT NO.	Type	Size (inch)	Size (mm)	D (mm)	L (mm)	g	
463014RC	12 points Rubber	-	14	19.05	70	70	12 / 240
463016R	12 points Rubber	5/8	16.0	20.75	70	110	10 / 200
466016	12 points Magnet	5/8	16.0	20.75	70	115	10 / 200
463514RC	6 points Rubber	-	14	19.05	70	70	12 / 240
463516R	6 points Rubber	5/8	16.0	20.75	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

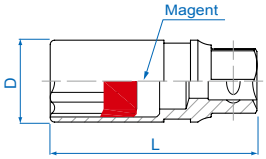

463021R


466021


463521R


466521





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.

⊕ 4021

- 1/2" drive bit socket
- PHILLIPS head
- DIN ISO 8764-1

KT NO.	⊕ No.	Overall Length (mm)	g	
402102	2	60	77	10 / 180
402103	3	60	77	10 / 180
402104	4	60	77	10 / 180



⊖ 4022

- 1/2" drive bit socket
- SLOTTED head
- DIN 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



4025
4035

- 1/2" drive bit socket
- HEXAGON head
- DIN 7422

KT NO.	mm	Overall Length (mm)	g	
402503	3	60	68	10 / 180
402504	4	60	68	10 / 180
402505	5	60	70	10 / 180
402506	6	60	72	10 / 180
402507	7	60	75	10 / 180
402508	8	60	75	10 / 180
402510	10	60	85	10 / 180
402512	12	60	117	10 / 180
402514	14	60	120	10 / 180
402517	17	66	153	12 / 120
402519	19	66	225	10 / 120
403504	4	80	90	6 / 120
403505	5	80	90	6 / 120
403506	6	80	90	6 / 120
403507	7	80	90	6 / 120
403508	8	80	93	6 / 120
403510	10	80	107	6 / 120
403512	12	80	145	6 / 120
403514	14	80	145	6 / 120
403517	17	80	200	6 / 120
403519	19	80	245	6 / 96



4025



4035

new

40D0

- 1/2" drive bit socket
- HEXAGON with ball point head

KT NO.	mm	Overall Length (mm)	g	
40D006	6	140	101	6 / 120
40D008	8	140	103	6 / 120
40D010	10	140	132	6 / 120



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.

4026
4036
4046
4066

- 1/2" drive bit socket
- SPLINE head
- DIN 3120

KT NO.	mm	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 404610	M10	100	113	6 / 120
new 404612	M12	100	138	6 / 120
new 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


4026

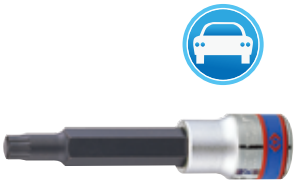

4036


4066

404108

- 1/2" drive bit socket
- SPLINE head
- DIN 3120
- Use for Toyota Tercel cylinder head bolt

KT NO.	mm	Overall Length (mm)	g	
404108	M8.9	100	129.4	6 / 120



402A new

- 1/2" drive bit socket
- Pentagon head
- For using on most vehicles fitting brake system

KT NO.	mm	Overall Length (mm)	g	
402A10	10	60	85	10 / 180



402B

- 1/2" drive bit socket
- SPLINE head
- Tamper resistant type
- Use on gearbox and sump plugs of Audi A4/A6/A3, Golf IV/LT of VW

KT NO.	mm	Overall Length (mm)	g	
402B16	M16	66	150	10 / 120
402B18	M18	66	201	10 / 120



Bit Socket

4023
4033

- 1/2" drive bit socket
- For torx internal screw
- DIN 3120

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



4023



4033

4027
4037

- 1/2" drive bit socket
- For tamper resistant torx screw
- DIN 3120

KT NO.	Size	Overall Length (mm)	g	
402720	T20	60	72	10 / 180
402725	T25	60	72	10 / 180
402727	T27	60	72	10 / 180
402730	T30	60	75	10 / 180
402740	T40	60	75	10 / 180
402745	T45	60	80	10 / 180
402750	T50	60	82	10 / 180
402755	T55	60	85	10 / 180
402760	T60	60	115	10 / 180
403720	T20	80	78	6 / 120
403725	T25	80	79	6 / 120
403727	T27	80	80	6 / 120
403730	T30	80	80	6 / 120
403740	T40	80	81	6 / 120
403745	T45	80	81	6 / 120
403750	T50	80	82	6 / 120
403755	T55	80	99	6 / 120
403760	T60	80	134	6 / 120



4027

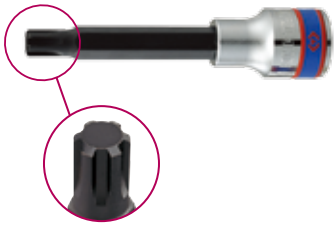


4037

4049

- 1/2" drive ribe bit socket
- 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
  - handle of chrome vanadium alloy steel
  - (gear) driver of chrome molybdenum steel
- Finishing
  - polished, chrome plated
  - black driver by phosphate sunk

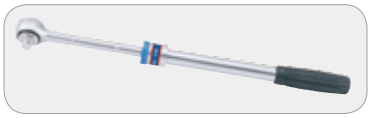
8781013KT

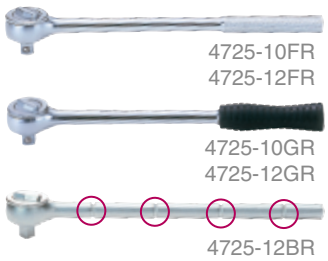
4725

DIN 3122

- 1/2" drive reversible ratchet
- 8° gear action degree (45 teeth)

KT NO.	Total Length (inch)	Total Length (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		-	-



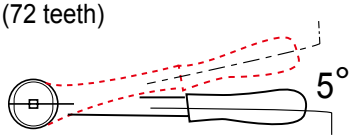



4725DKR01

4755

DIN 3122

- 1/2" drive reversible ratchet
- 5° gear action degree (72 teeth)



KT NO.	Total Length (inch)	Total Length (mm)	g	
4755-10G	10	250	570.0	1 / 20
4755DK	renewal kits		-	1 / 20

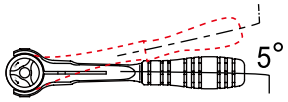
FINE GEAR


4755-10G


4755DK

4752

- 1/2" swivel head reversible quick release ratchet
- 5° gear action degree (72 teeth)
- Multi-angle design for difficult-to-reach fasteners



KT NO.	Overall Length (inch)	Overall Length (mm)	g	
4752-12P	12	300	668	1 / 20
4752-12G	12	300	686	1 / 20
4752DK	renewal kits		-	-




4752DK

4760

DIN 3122

- 1/2" drive mini reversible ratchet
- 6° gear action degree (64 teeth)
- Two teeth pawl action

KT NO.	Total Length (inch)	Total Length (mm)	g	
4760-05	4-3/4	120	222.4	5 / 108
4760-05G	4-3/4	120	221	4 / 72
4760DK	renewal kits		-	-

MINI RATCHET




4760DK

Ratchet

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

8781013KT

4762 DIN 3122

- 1/2" drive reversible ratchet quick-release
- 11° gear action degree (32 teeth)
- Two teeth pawl action



KT NO.	Total Length (inch)	Total Length (mm)	g	pcs/box
4762-10G	10	250	565	5 / 30
4762-10F	10	250	590	6 / 36
4762-10P	10	250	563	6 / 36
4762-15G	15	375	711	5 / 20
4762-15F	15	375	750	6 / 24
4762-15P	15	375	728	6 / 24
4762DK	renewal kits		-	-


4762-10G / 4762-15G


4762-10F / 4762-15F


4762-10P / 4762-15P


4762DK

4767 DIN 3122

- 1/2" drive reversible ratchet (19 mm socket included)
- 11° gear action degree (32 teeth)
- Two teeth pawl action


19mm 12 point

KT NO.	Total Length (inch)	Total Length (mm)	g	pcs/box
4767-10G	10	250	530	5 / 30
4767-10F	10	250	563	6 / 36
4767-15G	15	375	690	5 / 20
4767-15F	15	375	736	6 / 24
4767DK	renewal kits		-	-


4767-10G / 4767-15G


4767-10F / 4767-15F


4767DK

4768 DIN 3122

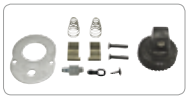
- 1/2" drive reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action

KT NO.	Total Length (inch)	Total Length (mm)	g	pcs/box
4768-10G	10	250	549	1 / 20
4768-10F	10	250	589	6 / 36
4768-10P	10	250	562	2 / 40
4768-15G	15	375	720	5 / 20
4768-15F	15	375	776	6 / 24
4768-15P	15	375	734	6 / 24
4768DK	renewal kits		-	-


4768-10G / 4768-15G


4768-10F / 4768-15F


4768-10P / 4768-15P


4768DK

Ratchet

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



8781013KT

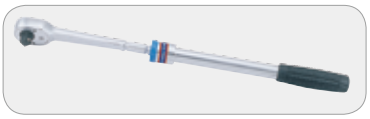
4771

DIN 3122

- 1/2" drive reversible ratchet quick-release
- 11° gear action degree (32 teeth)
- Two teeth pawl action



KT NO.	Total Length (inch)	Total Length (mm)	g	
4771-10BR	10	250	624	2 / 40
4771-10FR	10	250	659	2 / 40
4771-10GR	10	250	623	1 / 20
4771DK	renewal kits		-	-





4771-10BR



4771-10FR



4771-10GR



4771DK

4779

DIN 3122

- 1/2" drive reversible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action

KT NO.	Total Length (inch)	Total Length (mm)	g	
4779-10BR	10	250	590	2 / 40
4779-10FR	10	250	615	2 / 40
4779-10GR	10	250	580	1 / 20
4779DK01	renewal kits		-	-



4779-10BR



4779-10FR



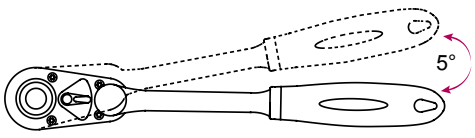
4779-10GR



4779DK01

4780

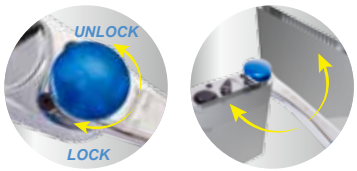
- 1/2" drive coupling swivel ratchet
- 72 teeth





KT NO.	Total Length (inch)	Total Length (mm)	g	
4780-12G	12	310	740	1 / 20
4780ADK	renewal kits		-	-
4780BDK	renewal kits		-	-

- Coupling short head greater access difficult-to-reach fasteners





4780ADK



4780BDK



- 360° Double speed revolving design make every turn efficiency
- Extend handle with feature helps easy operation

Ratchet

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

8781013KT

4781

DIN 3122

- 1/2" drive flexible ratchet quick-release
- 11° gear action degree (32 teeth)
- Two teeth pawl action

KT NO.	Total Length (inch)	Total Length (mm)		
4781-12F	12	300	792	1 / 20
4781-12P	12	300	758	1 / 20
4781DK	renewal kits		-	-



4781-12F

4781-12P



4781DK

4783

- Stem change ratchet wrench
- 1/2" drive flexible ratchet quick-release
- 5° gear action degree (72 teeth)
- Two teeth pawl action
- Body shifting direction design
- One hand can shift the direction by body movement
- Body movement to shift the direction instead of switch button, easier & faster

KT NO.	Total Length (inch)	Total Length (mm)		
4783-10G	10	250	530	1 / 20





4783DK

4789

DIN 3122

- 1/2" drive flexible ratchet
- 11° gear action degree (32 teeth)
- Two teeth pawl action

KT NO.	Total Length (inch)	Total Length (mm)		
4789-12F	12	300	735	1 / 20
4789-12P	12	300	735	1 / 20
4789DK	renewal kits		-	-



4789-12F

4789-12P



4789DK

Accessory

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

4121

- 1/2" drive adjustable handle
- Push-Lock design

KT NO.	Total Length (inch)	(mm)	g	/
4121-11GR	11-1/2	295	544	1 / 20



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

4251

DIN 3123

- 1/2" drive extension bar

KT NO.	Total Length (inch)	(mm)	g	/
4251-02R	2	55	98	12 / 216
4251-03R	3	75	138	6 / 120
4251-04R	4	100	163	4 / 80
4251-05R	5	125	192	4 / 80
4251-06R	6	150	230	6 / 96
4251-08R	8	200	270	4 / 64
4251-10R	10	250	433	4 / 64



4221

- 1/2" drive extension bar

KT NO.	Total Length (inch)	(mm)	g	/
4221-18	18	450	550	1 / 20
4221-24	24	600	685	1 / 20
4221-30	30	750	860	1 / 20
4221-36	36	900	1030	1 / 20



4223

DIN 3120

- 1/2" drive offset extension bar
- Max. torque:320 Nm

KT NO.	Total 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" drive multi-function of extention bar and offset extension bar.
- Max. torque:320 Nm

KT NO.	Total 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



Accessory

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

4311 DIN 3122

- 1/2" drive speed brace

KT NO.	Total Length (inch)	Total Length (mm)	g	
4311-16F	16-1/4	412	545	5 / 40
4311-16G	16-1/4	412	545	5 / 40



4311-16F



4311-16G

4452 DIN 3122

- 1/2" drive flexible handle
- Action degree -180°

KT NO.	Total Length (inch)	Total Length (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)			





4452DK

4462 DIN 3122

- 1/2" drive flexible handle
- Action degree -180°



KT NO.	Total Length (inch)	Total Length (mm)	g	
4462-18F	18	463	1046	1 / 20
4462-24F	24	613	1350	1 / 20
4462DK	renewal kits		-	-



8781013KT





4462DK

4572 DIN 3122

- 1/2" drive sliding T-handle

KT NO.	Total Length (inch)	Total Length (mm)	g	
4572-10	10	250	370	2 / 40
4572-12	12	300	433	3 / 60
4572DK	renewal kits		-	-



8781013KT





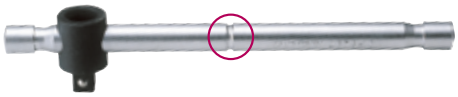
4572DK

4573 DIN 3120

- 1/2" drive sliding T-handle

KT NO.	Total Length (inch)	Total Length (mm)	g	
4573-10	10	250	497	2 / 40
4573DK	renewal kits		-	-







4573DK

Accessory

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

4581 DIN 3122

- 1/2" drive 90° L-handle

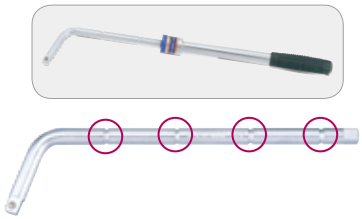
KT NO.	Total Length (inch)	Total Length (mm)	g	
4581-10	10	250	429	2 / 40



4583 DIN 3120

- 1/2" drive 105° L-handle

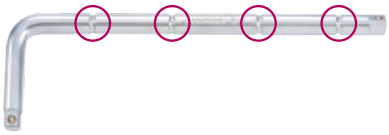
KT NO.	Total Length (inch)	Total Length (mm)	g	
4583-12R	12-1/2	315	545	1 / 40



4584 DIN 3120

- 1/2" drive 90° L-handle

KT NO.	Total Length (inch)	Total Length (mm)	g	
4584-12R	12	300	550	1 / 40

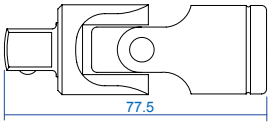


4791R DIN 3123, ISO 3316

- 1/2" drive universal joint

KT NO.	Total Length (inch)	Total Length (mm)	g	
4791R	3	77.5	163	5 / 100



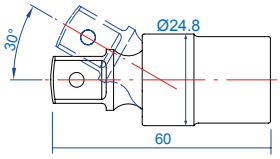


4794

- 1/2" drive universal joint
- 30° rotation
- Short pattern design enables greater access in confined spaces

KT NO.	Total Length (inch)	Total Length (mm)	g	
4794	2-3/8	60	106	5 / 180





4813 4816 DIN 3123, ISO 3316

- 1/2" drive adapter
- Convert to 3/8" drive or 3/4" drive
- 4813→Max. torque:280 Nm

KT NO.	Spec.	g	
4813	1/2"Fx3/8"M	61	10 / 200
4816	1/2"Fx3/4"M	114	10 / 200



4813
3/8" drive(M)



4816
3/4" drive(M)

← 1/2"drive(F)

4148

- 1/2" drive bit holder

KT NO.	SIZE	Total 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 Set

4072 MR (172 PC.) 4072 SR (136 PC.)
4572 MR (172 PC.) 4572 SR (136 PC.)

- 1/2" drive standard socket set



4072MR / 4572MR

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

KT NO.	Contents				Each Q'ty
4072MR	○		4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	8
				19, 20, 21, 22, 23, 24, 25	7
4572MR	○		4335MR	26. 27, 28, 29, 30	6
				32	5
4072SR	○		4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16	8
				3/4, 25/32, 13/16, 7/8, 15/16	7
4572SR	○		4335SR	1, 1-1/16, 1-1/8, 1-3/16	6
				1-1/4	5

KT NO.	Spec.	kg	Cuft
4072MR -A 4572MR	87103	5.87	0.54
4072MR -D 4572MR	172 PC. socket content	26.0	0.6
4072SR -A 4572SR	87103	5.87	0.54
4072SR -D 4572SR	136 PC. socket content	24.7	0.6

4066 MR (165 PC.) 4066 SR (114 PC.)
4566 MR (165 PC.)

- 1/2" drive standard socket set



4066MR / 4566MR

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

KT NO.	Contents				Each Q'ty
4066MR	○		4230M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	8
				19, 20, 21, 22, 23, 24	7
4566MR	○		4235M	26, 27, 28, 29, 30	6
				32	5
4066SR	○		4230S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16	8
				3/4, 13/16, 7/8, 15/16, 1	7
				1-1/16, 1-1/8, 1-3/16	6
				1-1/4	5

KT NO.	Spec.	kg	Cuft
4066MR -A 4566MR	87103	5.87	0.54
4066MR -D 4566MR	165 PC. socket content	40.5	0.6
4066SR -A	87103	5.87	0.54
4066SR -D	114 PC. socket content	30.2	0.6

Socket Rail Set

4010 MR SR
4510 MR SR

- 8 PC. 1/2" drive socket set
- Socket rail 230mmL
  - Rail with 8 PC. 1/2" drive clip

KT NO.	Contents				0.64	40
4010MR	○		4330MR	10, 12, 13, 14, 17, 19, 21, 22	8740908	
4510MR	○		4335MR			
4010SR	○		4330SR	3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8		
4510SR	○		4335SR			



4106PR

- 6 PC. 1/2" drive socket set
- Socket rail 230mmL
  -Rail with 6 PC. 1/2" drive clip

KT NO.	Contents				0.51	40
4106PR	○		4375M	E10, E12, E14, E16,E18, E20	8740906	



4208 MR10

- 8 PC. 1/2" drive deep socket set
- Socket rail 240mmL
  - Rail with 8 PC. 1/2" drive clip

KT NO.	Contents				1.22	14
4208MR10	○		4230M	12, 13, 14, 17, 19, 21, 22, 23	8741108	



4308 MR10

- 8 PC. 1/2" drive deep socket set
- Socket rail 240mmL
  - Rail with 8 PC. 1/2" drive clip

KT NO.	Contents				1.22	14
4308MR10	○		4235M	12, 13, 14, 17, 19, 21, 22, 23	8741108	



4118 MR

- 8 PC. 1/2" drive socket set
- Socket rail 230mmL
  - Rail with 8 PC. 1/2" drive clip

KT NO.	Contents				0.57	40
4118MR	■		4014M	8, 9.5, 10, 10.5,12, 12.7, 13.5, 19	8740908	



4311 MR

- 11 PC. 1/2" drive socket set
- Socket rail 230mmL
  - Rail with 8 PC. 1/2" drive clip

KT NO.	Contents				0.92	12
4311MR	○		4335MR	10, 11, 13, 14, 15, 17, 18, 19	4725-10GR, 4572-10, 4251-05, 8740908	



Bit Socket Rail Set

4110PR10

- 9 PC. 1/2" drive bit socket set
- Socket rail 240mmL
  - Rail with 9 PC. 1/2" drive clip

KT NO.	Contents				0.77	14
4110PR10			4025	3, 4, 5, 6, 7, 8, 10, 12, 14		8741009



4120PR10

- 9 PC. 1/2" drive bit socket set
- Socket rail 240mmL
  - Rail with 9 PC. 1/2" drive clip

KT NO.	Contents				1.0	14
4120PR10			4035	4, 5, 6, 7, 8, 10, 12, 14, 17		8741009



4126PR

- 4 PC. 1/2" drive bit socket set
- Socket rail 127mmL
  - Rail with 4 PC. 1/2" drive clip

KT NO.	Contents				0.38	50
4126PR			4026	M6, M8, M10, M12		8740504



4105PR

- 5 PC. 1/2" drive bit socket set
- Socket rail 150mmL
  - Rail with 5 PC. 1/2" drive clip

KT NO.	Contents				0.57	50
4105PR			4026	M8, M10, M12, M14		8740605
			402B	M16		



4136PR

- 4 PC. 1/2" drive bit socket set
- Socket rail 127mmL
  - Rail with 4 PC. 1/2" drive clip

KT NO.	Contents				0.46	30
4136PR			4036	M6, M8, M10, M12		8740504



4109PR10

- 9 PC. 1/2" drive bit socket set
- Socket rail 240mmL
  - Rail with 9 PC. 1/2" drive clip

KT NO.	Contents				0.74	14
4109PR10			4023	T20, T25, T27, T30, T40, T45, T50, T55, T60		8741009



Bit Socket Rail Set

4119PR10

- 9 PC. 1/2" drive bit socket set
- Socket rail 240mmL
  - Rail with 9 PC. 1/2" drive clip

KT NO.	Contents			0.84	14
4119PR10	4033	T20, T25, T27, T30, T40, T45, T50, T55, T60	8741009		



4116PR

- 6 PC. 1/2" drive ribe bit socket set
- Socket rail 180mmL
  - Rail with 6 PC. 1/2" drive clip

KT NO.	Contents			0.38	20
4116PR	4049	M9, M10, M12, M13, M14, M16	8740706		



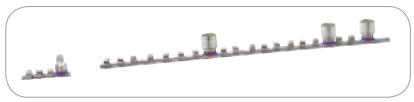
Socket Rail

874

- 1/2" drive socket rail
- Rail length from 160 mm to 560 mm

KT NO.		CLIP	L (mm)	g	
870406		-	160	-	-
870410		-	260	-	-
870422		-	560	-	-
8740		-	-	-	-

Customer Selected





Extension Bar Set

4104PR

- 4 PC. 1/2" drive extension bar set

KT NO.	Contents		0.84	1 / 20
4104PR	4251	3" 5" 6" 10"		



Socket & Bit Socket Set

4208 MR SR
4308 MR

▪ 8 PC. 1/2" drive deep socket set

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	

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



4028MR / 4308MR



4208SR

4215 MR

▪ 15 PC. 1/2" drive deep socket set

KT NO.	Contents			3.80	1 / 6
4215MR	○		4230M	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32	

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



4216 MR

▪ 16 PC. 1/2" drive deep socket set

KT NO.	Contents			3.68	1 / 6
4216MR	○		4230M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	

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



4315 MR

▪ 15 PC. 1/2" drive deep socket set

KT NO.	Contents			3.80	1 / 6
4315MR	○		4235M	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32	

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



4316 MR

▪ 16 PC. 1/2" drive deep socket set

KT NO.	Contents			3.68	1 / 6
4316MR	○		4235M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	

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



Socket & Bit Socket Set

4109PR
4119PR

▪ 9 PC. 1/2" drive torx head bit socket set

KT NO.	Contents			kg	
4109PR	4023	T20, T25, T27, T30, T40, T45, T50, T55, T60		1.03	1 / 20
4119PR	4033			1.38	1 / 20

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



4109PR



4119PR

4110PR
4120PR

▪ 9 PC. 1/2" drive hexagon head bit socket set

KT NO.	Contents			kg	
4110PR	4025	3, 4, 5, 6, 7, 8, 10, 12, 14		1.03	1 / 20
4120PR	4035	4, 5, 6, 7, 8, 10, 12, 14, 17		1.38	1 / 20

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



4110PR



4120PR

4117PR

▪ 7 PC. 1/2" drive spline socket set

KT NO.	Contents			kg 1.22	1 / 8
4117PR	4026	M6, M8, M10, M12, M14			
	402B	M16, M18			



Metal case size (mm) :
244 x 94 x 40 (0.033 cuft)

4128PR

▪ 8 PC. 1/2" drive spline socket set

KT NO.	Contents			kg 1.24	1 / 18
4128PR	4026	M5, M6, M8, M10			
	402B	M16			
	4036	M8, M10, M12			

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



Socket Set

4501 MR

- 15 PC. 1/2" drive socket set

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



KT NO.	Contents				3.40	1 / 6
4501MR	○		4335MR	8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24, 27	4779-10FR	4251-05R	4452-15FR

4511 MR new

- 24 PC. 1/2" drive socket set

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



KT NO.	Contents				5.4	1 / 4
4511MR	○		4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	○ 463521R	4725-12GR	4251-05 4251-10	4572-10	4223-02R

4012 MR SR
4512 MR SR

- 14 PC. 1/2" drive socket set

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



4012MR / 4512MR



4012SR / 4512SR

KT NO.	Contents							3.50	1 / 6
4012MR	○		4330MR	10, 11, 12, 13, 14, 17, 19, 21, 22, 24	○		463021R	4768-10F	4572-12
4512MR	○		4335MR		○		463521R		
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		

4220 MR
4320 MR

- 20 PC. 1/2" drive socket set

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



KT NO.	Contents				3.83	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				

Socket Set

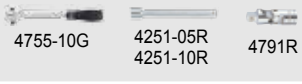
4322 MR

- 24 PC. 1/2" drive socket set

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



KT NO.	Contents				5.30	1 / 4
4322MR	○	4335MR	10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30			
	◉	4025	4, 5, 6, 7, 8, 10, 12, 14			



4325 MR

- 24 PC. 1/2" drive socket set

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



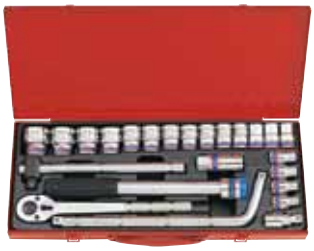
KT NO.	Contents			5.01	1 / 4
4325MR	○	4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32		



4024 MR SR
4524 MR SR
4033 MR SR
4533 MR SR

- 24 PC. 1/2" drive socket set

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



4033SR / 4533SR
4033MR / 4533MR



4024SR / 4524SR
4024MR / 4524MR

KT NO.	Contents						5.7	1 / 4
4033SR	○	4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-3/16, 1-1/4	○	463021R	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	4779-10BR		4223-02R
4533MR	○	4335MR		○	463521R			
4024SR	○	4330SR	3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4	○	463021R			4573-10
4524SR	○	4335SR		○	463521R	4725-12BR		
4024MR	○	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	○	463021R	4121-11GR		4583-12R
4524MR	○	4335MR		○	463521R			

Socket Set

4044 CR
4544 CR

- 43 PC. 1/2" drive socket set

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

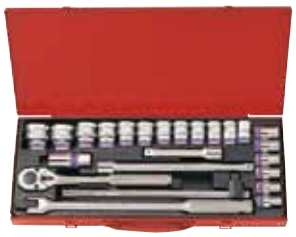


4044CR / 4544CR

KT NO.	Contents				8.5	1 / 2
4044CR	○	4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32	4779-10BR, 4121-11GR, 4223-02R, 4583-12R, 4573-10, 4791R		
	○	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			
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			
	○	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			

4026 MR SR
4026 MR03 SR03
4026 MR04
4526 MR SR
4526 MR03 SR03
4526 MR04

- 24 PC. 1/2" drive socket set



4026MR / 4526MR



4026SR / 4526SR



4026MR03 / 4526MR03



4026MR04 / 4526MR04

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

KT NO.	Contents								5.95	1 / 4
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								
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, 1-1/4, 1-1/6, 1-3/16	○		463021R	4768-10F	4251-05R 4251-10R		
4526SR	○	4335SR		○		463521R				
4026SR03	○	4330SR				4791R	4779-10GR			
4526SR03	○	4335SR								

Socket Set

4032 MR SR
4532 MR SR

▪ 24 PC. 1/2" drive socket set



4032MR / 4532MR



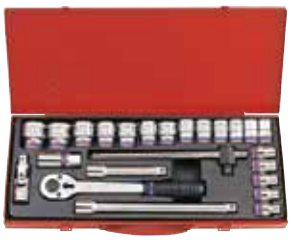
4032SR / 4532SR

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

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	4452-15FR		
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	4251-05R 4251-10R	4791R		
4532SR	○	4335SR		○	463521R				

4028 MR SR
4528 MR SR
4028 MR02
4528 MR02

▪ 24 PC. 1/2" drive socket set



4028MR / 4528MR



4028SR / 4528SR



4028MR02 / 4528MR02

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

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				

Socket Set

4042 CR CR02
4542 CR CR02

▪ 42 PC. 1/2" drive socket set

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



4042CR / 4542CR



4042CR02 / 4542CR02

KT NO.	Contents							8.5	1 / 2
4042CR	○		4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 5/16, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4	○		463021R	4768-10F 4779-10GR 4791R	4452-18FR 4251-05R 4251-10R 4572-12
	○		4330SR						
4542CR	○		4335MR		○		463521R		
	○		4335SR						
4042CR02	○		4330MR						
	○		4330SR						
4542CR02	○		4335MR						
	○		4335SR						

4034 MR
4534 MR

▪ 33 PC. 1/2" drive socket set

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



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 4452-18FR 4572-12	4251-03R 4251-05R 4251-10R 4779-10FR
4534MR	○		4335MR		○		463521R		

41026 MR (25 PC.)
41526 MR (25 PC.)

41026 SR (25 PC.)
41526 SR (25 PC.)

▪ 25 PC. 1/2" drive socket set



Plastic case size (mm) :
445x 240 x 206 (0.79 cuft)

41026MR / 41026SR



41526MR / 41526SR

KT NO.	Contents							5.7	1
41026MR	○		4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	○		463021R	4768-10F 4251-05R 4251-10R	4452-15FR 4572-12 4791R
41526MR	○		4335MR		○		463521R		
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		

Impact Driver Set

4108 FR
4111 FR
4112 FR

- 1/2" drive impact driver set





4108FR 4112FR

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

KT NO.	PC./SET	Contents		kg	
4108FR	8	⊖ 1836S 9, 11 ⊕ 1836P 2, 3 ⊕ 1880P 2, 3	4112, 414810S	1.04	1 / 24
4111FR	6	⊖ 1880S 8, 10 ⊕ 1880P 2, 3		1.00	
4112FR	6	⊖ 1836S 9, 11 ⊕ 1836P 2, 3		1.00	

4505 MR
4505 SR

- 10 PC. 1/2" drive impact driver & socket set



4505MR 4505SR

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

KT NO.	Contents			kg 1.56	1 / 12
4505MR	○	4335MR	8, 10, 12, 14	⊖ 1836S 9, 11 ⊕ 1836P 2, 3 4112 414810S	
4505SR	○	4335SR	5/16, 3/8, 1/2, 9/16		

Standard Socket

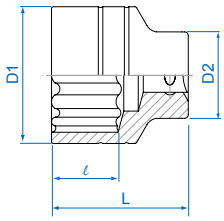
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

6330 M

- 3/4" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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



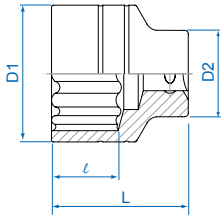


6330 S

- 3/4" drive
- 12 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.1

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

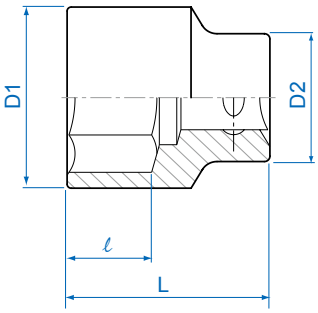
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

6335 M

- 3/4" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- 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
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

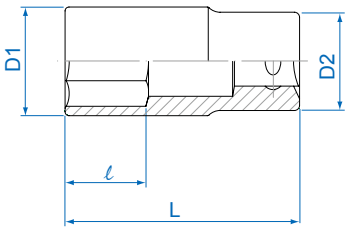
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

6235 M

- 3/4" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
623517M	17	26.0	32.7	20	90	388	2 / 48
623518M	18	28.0	32.7	20	90	411	2 / 48
623519M	19	30.0	32.7	20	90	437	2 / 48
623520M	20	31.0	32.7	22	90	440	2 / 48
623521M	21	32.0	32.7	22	90	444	2 / 48
623522M	22	33.0	35.7	22	90	460	2 / 48
623523M	23	34.0	35.7	24	90	462	2 / 48
623524M	24	35.0	35.7	24	90	477	2 / 48
623525M	25	35.0	35.7	25	90	464	2 / 48
623526M	26	35.7	35.0	25	90	433	1 / 24
623527M	27	38.0	36.0	28	90	431	1 / 24
623528M	28	39.0	36.0	28	90	477	1 / 24
623529M	29	40.0	38.0	28	90	502	1 / 24
623530M	30	42.0	38.0	31	90	584	1 / 24
623531M	31	43.0	38.0	34	90	580	1 / 24
623532M	32	44.0	38.0	34	90	580	1 / 24
623533M	33	46.0	39.0	34	90	646	1 / 24
623534M	34	47.0	42.0	34	90	717	1 / 24
623535M	35	48.0	42.0	37	90	677	1 / 24
623536M	36	50.0	42.0	37	90	724	1 / 24
623537M	37	51.0	45.0	37	90	891	1 / 24
623538M	38	52.0	45.0	41	90	913	1 / 24
623539M	39	53.0	45.0	41	90	935	1 / 24
623540M	40	54.0	45.0	41	90	911	1 / 24
623541M	41	56.0	45.0	41	90	864	1 / 24
623542M	42	57.0	45.0	46	95	913	1 / 24
623543M	43	58.0	45.0	46	95	971	1 / 10
623544M	44	60.0	48.0	46	95	1066	1 / 10
623545M	45	61.0	48.0	46	95	1073	1 / 10
623546M	46	62.0	48.0	46	95	1093	1 / 10
623547M	47	63.0	48.0	46	95	1102	1 / 10
623548M	48	64.0	48.0	50	95	1093	1 / 10
623549M	49	66.0	48.0	50	95	1035	1 / 10
623550M	50	68.0	48.0	50	95	1220	1 / 10
623551M	51	69.0	50.0	50	95	1282	1 / 10
623552M	52	69.0	50.0	50	95	1244	1 / 10
623553M	53	70.0	50.0	50	95	1262	1 / 10
623554M	54	72.0	50.0	50	95	1342	1 / 10
623555M	55	74.0	50.0	50	95	1268	1 / 10
623556M	56	75.0	50.0	50	95	1440	1 / 10
623557M	57	76.0	50.0	52	100	1555	1 / 10
623558M	58	78.0	50.0	52	100	1540	1 / 10
623559M	59	78.0	50.0	52	100	1604	1 / 10
623560M	60	80.0	50.0	53	100	1662	1 / 10





Ratchet & Accessory

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

6779 DIN 3122

- 3/4" drive reversible ratchet
- 15° gear action degree (24 teeth)

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



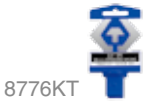


6251 DIN 3123

- 3/4" drive extension bar

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





6452 DIN 3122

- 3/4" drive flexible handle
- Action degree -180°

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





6572 DIN 3122

- 3/4" drive sliding T-handle

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





6581 DIN 3122

- 3/4" drive 90° L-handle

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



Ratchet & Accessory

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

6585 new

▪ 3/4”DR. double driver L-handle 90° CHROME

KT NO.	Overall Length (inch)	(mm)	g	
6585-19	19	478	2021	12



6791

DIN 3123, ISO 3316

▪ 3/4" drive universal joint

KT NO.	Overall Length (inch)	(mm)	g	
6791	4-1/4	108	590	2 / 20



8776KT

6814 6818

DIN 3123, ISO 3316

▪ 3/4" drive adapters
▪ Convert to 1/2" drive or 1" drive
▪ 6814→Max. torque:620 Nm

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

1/2" drive(M)
1" drive(M)



← 3/4" drive(F)

6814 / 6818

8776KT



Socket Set

6013 MR MR01 new

▪ 13 PC. 3/4" drive socket set

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

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


6013MR


6013MR01

6016 MR SR

6316 MR

▪ 16 PC. 3/4" drive socket set

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

KT NO.	Contents					kg	
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			



6023 MR SR

6323 MR

▪ 23 PC. 3/4" drive socket set

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

KT NO.	Contents					kg	
6023MR	○		6330M	21, 22, 23, 24, 26, 27, 28, 29, 30, 32, 34, 35, 36, 38, 41, 46, 50	6779-20F 6251-04 6251-08 6251-16 6572-20 6791	17.1	1
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			



6224 CR

▪ 24 PC. 3/4" drive socket set

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

KT NO.	Contents					kg	
6224CR	○		6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6779-20F 6251-08 6251-16 6572-20	15.5	1
	○		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			



6226 CR

▪ 26 PC. 3/4" drive socket set

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

KT NO.	Contents					kg	
6226CR	○		6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6251-08 6251-16 6572-20	15.5	1
	○		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			



Standard Socket

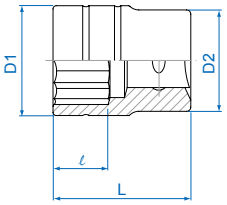
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

8330 M

- 1" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- DIN 3124, ISO 2725-1

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
833036M	36	52	48	26	65	449	1 / 24
833038M	38	54	48	26	65	478	1 / 24
833041M	41	58	50	29	70	557	1 / 24
833046M	46	65	54	32	75	849	1 / 10
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



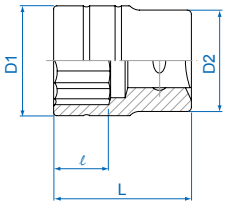


8330 S

- 1" drive
- 12 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.1

KT NO.	inch	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
833046S	1-7/16	52	48	26	65	463	1 / 24
833048S	1-1/2	54	48	26	65	489	1 / 24
833054S	1-11/16	60	54	29	70	680	1 / 24
833060S	1-7/8	67	54	34	75	976	1 / 10
833064S	2	71	54	34	75	988	1 / 10
833072S	2-1/4	78	57	42	83	1212	1 / 12
833076S	2-3/8	82	58	46	87	1437	1 / 12
833084S	2-5/8	90	65	49	90	1693	1 / 12
833094S	2-15/16	100	70	52	95	2242	1 / 8
8330A0S	3-1/8	107	80	52	100	2578	1 / 8







Ratchet

8779 DIN 3122

- 1" drive reversible ratchet
- 15° gear action degree (24 teeth)

KT NO.	Total Length (inch)	Total Length (mm)	g	
8779-32F	32	800	4400	5
8779DK	renewal kits		-	-





8779DK

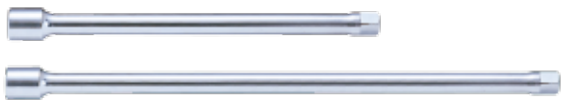
Accessory

- Chrome vanadium handle, chrome molybdenum driver
- Chrome plated handle & black phosphate sunk driver

8251 DIN 3123

- 1" drive extension bar

KT NO.	Total Length (inch)	Total Length (mm)	g	
8251-08	8	200	1350	1 / 16
8251-16	16	400	2480	1 / 8



8572 DIN 3122

- 1" drive sliding T-handle

KT NO.	Total Length (inch)	Total Length (mm)	g	
8572-25	25	630	4200	6
8572DK	renewal kits		-	-





8572DK

8581 DIN 3122

- 1" drive 90° L-handle

KT NO.	Total Length (inch)	Total Length (mm)	g	
8581-26	26	650	5120	4



8816 DIN 3123, ISO 3316

- 1" drive adapter
- Convert to 3/4" drive
- Max. torque:1800 Nm

KT NO.	Spec.	g	
8816	1"F x 3/4"M	330	6 / 48

3/4" drive(M)



1" drive(F)

Socket Set

8015 MR SR

▪ 14 PC. 1" drive socket set



Metal case size (mm) :
660 x 205 x 108 (0.52 cuft)

KT NO.	Contents				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			

5022 MR SR

5522 MR

▪ 21 PC. 1/4" + 3/8" drive combination socket set



5022MR / 5522MR



5022SR

Metal case size (mm) :
285 x 130 x 45 (0.059 cuft)

KT NO.	Contents				1.60	1 / 10
5022MR	○	3330M	10, 11, 12, 13, 14, 17, 19	○ 2335M 4, 5, 5.5, 6, 7, 8, 9	○ 363021 ○ 363521	3769-08F 3221-03 3221-06 3812 ○ 363516 2178AE
5522MR	○	3335M				
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			

5039 CR

▪ 39 PC. 1/4" + 3/8" drive combination socket set



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

KT NO.	Contents				2.60	1 / 10
5039CR	○	2335M	4.5, 5, 6, 7, 8, 9, 10, 11, 12	3769-08F 3221-03	3812 2178AE	○ 363021
	○	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			

Socket Set

5092 CR new

▪ 91 PC. 1/4" + 3/8" drive combination socket set



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

KT NO.	Contents				4.4	1 / 4
5092CR	○	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			
	●	2015M	3, 4, 5, 6, 8, 10			
	●	2015S	1/8, 3/16, 7/32, 1/4, 5/16, 3/8			
	⊕	2011	No. 1, No. 2, No. 3, No. 4			
	●	1115-03	1.5, 2, 2.5			



7120PR
7120PR01

▪ 20 PC. 3/8" + 1/2" drive socket set



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

KT NO.			Contents		2.1	1 / 10
7120PR	✪	4023	T30, T40, T45, T50, T55	✪ 3375M E6, E7, E8, E10	✪ 3023 T10, T15, T20, T25, T27	
7120PR01	✪	4027	T30, T40, T45, T50, T55	✪ 4375M E12, E14, E16, E18, E20	4813	

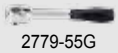
Socket Set

7558 MR

▪ 58 PC. 1/4" + 1/2" drive combination socket set



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

KT NO.	Contents				3.8	1 / 4
7558MR	○		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	 2779-55G	 2221-02 2221-04	 2178AE
	○		4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24			
	⊖		1025S	4, 6, 8	4779-10GR	4251-05	2141
	⊕		1025P	PH1, PH2, PH3			
	◉		1025H	H3, H4, H5, H6, H7, H8	2792	4791R	
	✡		1025U	T10, T15, T20, T25, T27, T30, T40			
	✱		1025Z	PZ1, PZ2, PZ3			

9033 CR
9035 CR new

▪ 135 PC. 1/4" + 3/8" + 1/2" drive combination socket set



9033CR



9035CR

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

KT NO.	Contents						12.3	1 / 2
9033CR	 463516R  463021R 4768-10F	2561 cross bar. 4-1/2"L  3840 3/8" drive spin disc.  4840 1/2" drive spin disc. 3769-08F 2452-05F 2571-45 4572-10 2221-02 2221-04 3221-03 3221-06 4251-05R 4251-10R 2178AE	3792 4791R 3812	○		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
9035CR	363516				○		4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32
					○		4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16, 1-1/4
					◉		2015M	3, 4, 5, 6, 8, 10
					◉		2015S	1/8, 3/16, 7/32, 1/4, 5/16, 3/8
					⊕		2011	No. 1, No. 2, No. 3, No. 4
					◉		1115-03	1.5, 2, 2.5

Socket Set

9063 MR MR01
9563 MR MR01

- 62 PC. 1/4" + 3/8" + 1/2" drive combination socket set

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



9063MR/9563MR



9063MR01/9563MR01

| KT NO. | Contents | | |

Socket & Wrench Set

7572 MR

▪ 72 PC. 1/4" + 1/2" drive combination socket set

KT NO.	Contents			4.96 kg	1 / 4
7572MR		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	1.5, 2, 2.5, 3, 4, 5, 6, 7, 8, 10		
		1025S	4, 5.5, 7		
		1025P	PH0, PH1, PH2, PH3		
		1025H	3, 4, 5, 6, 7, 8		
		1025T	T10, T15, T20, T25, T27, T30, T40		
	463516R, 2571-45, 2221-04, 4251-05R, 2141				
	463521R, 6114-05, 2178AE, 4779-10GR, 4581-10, 4791R				



Blow case size (mm) :
410 x 280 x 60 (0.247 cuft)

7583 MR new

▪ 83 PC. 1/4"+1/2" drive socket set

KT NO.	Contents			6.4 kg	1 / 2
7583MR		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	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10		
	2221-02 2221-04 2221-06, 4251-05R 4251-10R, 2571-45, 4572-10, 4791R				
	2779-55G, 4779-10GR, 2178DF, 2792				



Blow case size (mm):
450 x 435 x 70 (0.484 cuft)

Socket & Wrench Set

7085 MR

▪ 85 PC. 1/4" + 1/2" drive combination socket set

KT NO.	Contents			9.20 kg	1 / 2
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		
		1147R	T10, T15, T20, T25, T27, T30, T40		
		1421	No.1 x 80, No.2 x 100		
		1422	4 x 100, 5.5 x 100		
		1636H	H5, H6, H7, H8, H10, H12		
		1636M	6, 8, 10, 12		
		1636T	T30, T40, T45, T50, T55, T60		
		19961721	17, 19, 13/16", 1/2" x 300mm		
	463516R, 6111-06, 4779-10GR, 2211-06, 4251-05R				
	463521R, 6231-07, 2779-55G, 414810M, 2792, 4791R, 6516-10, 4452-15FR, 2452-05F				



Blow case size (mm) :
475 x 360 x 90 (0.553 cuft)

7597 MR

▪ 97 PC. 1/4" + 1/2" drive combination socket set

KT NO.	Contents			9.2 kg	1 / 2
7597MR		2235M	7, 8, 10, 12, 13		
		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		
		4335MR	10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32		
		1060	6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19		
		1421	No.2 x 38		
		1422	4 x 100, 6.5 x 38		
		1461	No.2 x 100, No.3 x 150		
		1462	6.5 x 150		
		1025S	4, 5.5, 7, 8		
		1025P	PH0, PH1, PH2, PH3		
		1025H	H1.5, H2, H2.5, H3, H4, H5, H6, H7, H8, H10		
		1025U	T8, T10, T15, T20, T25, T27, T30, T40		
		1025Z	PZ1, PZ2, PZ3		
	463516R, 6111-06, 2571-45, 4779-10BR, 2452-05F, 2792				
	463521R, 6511-10A, 4573-10, 2779-55G, 4121-11GR, 4791R, 4583-12R, 4223-02R, 4251-10R, 2221-02, 2221-04, 2141				



Blow case size (mm) :
445 x 440 x 50 (0.147 cuft)

Socket & Wrench Set

9507 MR

▪ 107 PC. 1/4" + 3/8" + 1/2" drive combination socket set

KT NO.	Contents			10.7	1 / 2
9507MR			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	No.1 x 75, No.2 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	6111-06	4779-10GR	2755-55G	2792 4791R
	463521R	2221-03 2221-06	3221-03 3221-06	4251-05R 4251-10R	3792 414810S
	3611-08R	4223-02R	4452-15FR	3734-10F	



Blow case size (mm) :
445 x 440 x 50 (0.147 cuft)

Socket & Wrench Set

7553 MR

▪ 153 PC. 1/4" + 1/2" drive combination socket set

KT NO.	Contents			13.9	1 / 2
7553MR		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		
		4635	16, 20.8		
		1060	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27		
		1930	8x10, 11x13, 12x14		
		1421	No.2 x 38		
		1422	6.5 x 38		
		1461	NO.1 x 75, No.2 x 100 mm		
		1462	5.5 x 100, 6.5 x 150 mm		
		1025S	4, 5.0, 6.5		
		1025P	PH0, PH1, PH2		
		1025H	3, 4, 5, 6		
		1025Z	PZ1, PZ2, PZ3		
		1025T	T10, T15, T20, T25, T27, T30, T40		
		1636H	5, 6, 7, 8, 10, 12		
		1636M	6, 8, 10, 12		
		1636T	T30, T40, T45, T50, T55, T60		
		1680H	5, 6, 7, 8, 10, 12		
		1680M	6, 8, 10, 12		
		1680T	T25, T30, T40, T45, T50, T55		





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

Socket Rail Set

7112PR

- 12 PC. 3/8" + 1/2" drive star socket set
- Socket rail 260mmL
  - Rail with 6 PC. 1/2" drive & 5 PC. 3/8" drive clip

KT NO.	Contents			0.76	24
7112PR		3375M	E4, E5, E6, E8	3571-08	3814
		4375M	E10, E12, E14, E16, E18, E20	8771011	



7113PR

- 12 PC. 3/8" + 1/2" drive star socket set
- Socket rail 260mmL
  - Rail with 6 PC. 3/8" drive & 6 PC. 1/2" drive clip

KT NO.	Contents			0.6	32
7113PR		3375M	E4, E5, E6, E7, E8, E11		
		4375M	E10, E12, E14, E16, E18, E20	8771012	



Tools Bag

92543 MR

KT NO.	Contents			2.49	1 / 10
92543MR		2335M	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
		1421	PH0 x 60, PH1 x 100, PH2 x 38, PH2 x 150		
		1422	3.0 x 75, 6.5 x 38, 6.5 x 150		
		1025Z	PZ1, PZ2, PZ3		
		1025T	T10, T15, T20, T25, T27, T30, T40		
	6511-10A	6111-07	2178DF	3611-08P	7976-65
	79083-03C	20317MR	870208	2792	2141 8720



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

Ratchet Set

9415GR

- 15 PC. 1/4" + 3/8" + 1/2" drive swivel head reversible quick release ratchet set

KT NO.	Contents	5.9 kg / 1 / 2
9415GR		2752-06G
		3752-09G
		4752-12G



Display case size (mm) :
299 x 282 x 148 (0.44 cuft)



Notes

Impact Sockets & Accessories

- 1/4" Drive
  Impact Socket
- 3/8" Drive
  Impact Socket, Bit Socket & Accessory
- 1/2" Drive
  Impact Socket, Bit Socket & Accessory
- 3/4" Drive
  Impact Socket, Bit Socket & Accessory
- 1", 1- 1/2" Drive
  Impact Socket & Accessory





Standard Impact Socket

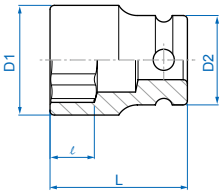
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

2535 M

- 1/4" drive
- 6 points
- Metric size
- DIN 3129, ISO 2725-2

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



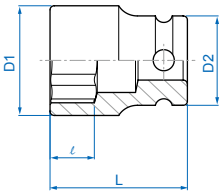


3535 M

- 3/8" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- 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



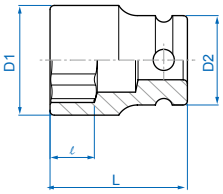


3535 S

- 3/8" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- 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





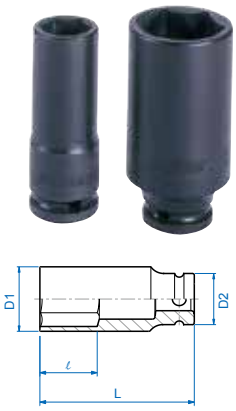
Deep Impact Socket

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

3435 M

- 3/8" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

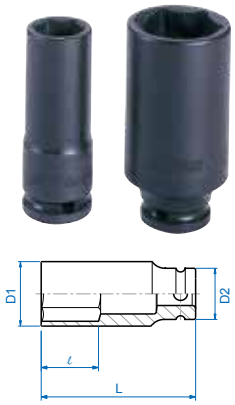
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
343506M	6	10.6	19	10	65	62	6 / 120
343507M	7	11.8	19	10	65	66	6 / 120
343508M	8	13.2	19	12	65	71	6 / 120
343509M	9	14.5	19	12	65	76	6 / 120
343510M	10	15.5	19	12	65	82	6 / 120
343511M	11	17.0	19	13	65	84	6 / 120
343512M	12	18.2	19	14	65	93	6 / 120
343513M	13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



3435 S

- 3/8" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.2

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

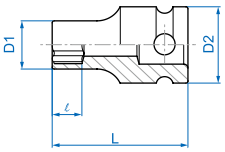
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

3575 M

- 3/8" drive
- For torx external screw
- DIN 3121

KT NO.	Size	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	12 / 360
357505M	E5	9.6	19	4.0	32	31	12 / 360
357506M	E6	10.2	19	5.0	32	31	12 / 360
357507M	E7	10.8	19	6.0	32	33	12 / 360
357508M	E8	11.5	19	6.5	32	33	12 / 360
357510M	E10	12.0	19	7.0	32	34	12 / 360
357512M	E12	14.0	19	9.0	32	34	12 / 360
357514M	E14	17.0	19	9.5	32	40	12 / 360





Impact Bit Socket

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

CAUTION

1. Do not overload
2. Control the air pressure under 6.3 bar, adjust the suitable torque from 0

3051 new

- 3/8" drive
- For PHILLIPS head screw
- DIN 3121

KT NO.	Size (mm)	L (mm)	g	12 / 360
305101	1	55	33	12 / 360
305102	2	55	35	12 / 360
305103	3	55	40	12 / 360
305104	4	55	45.8	12 / 360



3052 new

- 3/8" drive
- For SLOTED head screw
- DIN 3121

KT NO.	Tip Widh (mm)	L (mm)	g	12 / 360
305255	5.5	55	32.2	12 / 360
305208	8	55	38.4	12 / 360
305210	10	55	45	12 / 360



3055 M

- 3/8" drive
- For HEXAGON head screw
- DIN 3121

KT NO.	Size (mm)	L (mm)	Max. Torq (Nm)	g	12 / 360
305504M	4	55	20.80	35	12 / 360
305505M	5	55	36.00	38	12 / 360
305506M	6	55	62.40	40	12 / 360
new 305507M	7	55	93.60	66	12 / 360
305508M	8	55	144.00	45	12 / 360
305510M	10	55	264.00	50	12 / 360
305512M	12	55	420.00	60	12 / 360
new 305514M	14	55	650.00	77	12 / 288
new 305516M	16	55	680.00	79	12 / 288
new 305517M	17	55	715.00	85	12 / 288



Impact Bit Socket

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

CAUTION

1. Do not overload
2. Control the air pressure under 6.3 bar, adjust the suitable torque from 0

3055 S

- 3/8" drive
- For HEXAGON head screw
- DIN 3121

KT NO.	Size (inch)	L (mm)	Max. Torq (Nm)	g	
new 305545S	9/64	55	20.8	29	12 / 360
new 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



3065 M

- 3/8" drive
- HEXAGON head
- DIN 3121

KT NO.	Size (mm)	L (mm)	Max. Torq (Nm)	g	
306504M	4	90	20.8	42	8 / 160
306505M	5	90	36.0	48	8 / 160
306506M	6	90	62.4	55	8 / 160
306508M	8	90	144.0	73	8 / 160
306510M	10	90	264.0	96	8 / 160



3053

- 3/8" drive
- For torx internal screw
- DIN 3121

KT NO.	Size	L (mm)	Max. Torq (Nm)	g	
305310	T10	55	4.52	30	12 / 360
305315	T15	55	7.69	30	12 / 360
305320	T20	55	12.66	32	12 / 360
305325	T25	55	18.99	32	12 / 360
305327	T27	55	26.90	33	12 / 360
305330	T30	55	37.40	34	12 / 360
305340	T40	55	65.08	37	12 / 360
305345	T45	55	103.50	41	12 / 360
305350	T50	55	158.75	44	12 / 360
new 305355	T55	55	260	58	12 / 288
new 305360	T60	55	450	65	12 / 288



Impact Accessory

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

3147

- 3/8"drive bit holder

KT NO.	Size	Total Length (mm)	g	
314708S	1/4"	40	44	12 / 420
314710S	5/16"	40	45	12 / 420
314710M	10mm	40	46	12 / 420



3260
3260P

- 3/8"drive extension bar & with ball
- DIN 3121

KT NO.	Total Length (inch)	Total Length (mm)	g	
3260-03	3	75	98.6	6 / 120
new 3260-04	4	100	121	8 / 160
new 3260-05	5	125	145	8 / 144
3260-06	6	150	169.8	5 / 100
new 3260-08	8	200	216	6 / 72
new 3260-10	10	250	230	6 / 54
3260-03P	3	75	96	6 / 120
new 3260-04P	4	100	98.6	8 / 160
new 3260-05P	5	125	145	8 / 144
3260-06P	6	150	168	5 / 100
new 3260-08P	8	200	216	6 / 72
new 3260-10P	10	250	230	6 / 54



3260



3260P

3862
3862P

- 3/8"drive adapter & with ball
- Convert to 1/4" drive
- DIN 3121

KT NO.	Spec.	D (mm)	g	
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



3862



3862P

3864
3864P

- 3/8"drive adapter & with ball
- Convert to 1/2" drive
- DIN 3121

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



3864



3864P

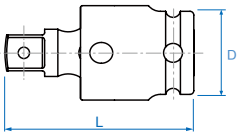
Impact Accessory

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

3796
3796P

- 3/8" drive universal joint & with ball
- DIN 3121

KT NO.	L (inch)	L (mm)	D (mm)	g	箱/箱
3796	2	50	22	83.4	10 / 200
3796P	2	50	22	83.4	10 / 200



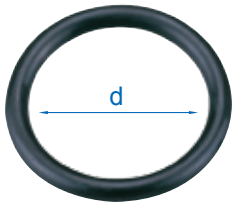

3796


3796P

90408
90409
90608
90609

- 3/8" drive locking ring
- High tensile rubber material
- 3/8" drive locking pin
- Chrome vanadium steel
- DIN 3129

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 (3/16~1/2 inch) 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 (9/16~3/4 inch) 3435M (13~24 mm) 3435S (9/16~7/8 inch) 3260.3796
90609	pin	2.5	16	



90408
90409



90608
90609

Impact Bit Socket Set

3406 MP

- 6 PC. 3/8" drive bit socket set
- For hex head screw
- 55mmL, 4 ~ 12 mm

KT NO.	Contents			kg 0.723	箱/箱 1 / 20
3406MP			3055M	4, 5, 6, 8, 10, 12	


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

3410 MP new

- 10 PC. 3/8" drive bit socket set

KT NO.	Contents			kg 0.75	箱/箱 1 / 20
3410MP			3055M	4, 5, 6, 7, 8, 10, 12, 14, 16, 17	


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

3419PP

- 9 PC. 3/8" drive bit socket set
- For torx internal head
- 55mmL, T10 ~ T50

KT NO.	Contents			kg 0.62	箱/箱 1 / 20
3419PP			3053	T10, T15, T20, T25, T27, T30, T40, T45, T50	


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



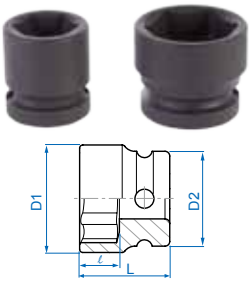
Stubby Impact Socket

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

4525 M

- 1/2" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- For impact wrench use
- DIN 3129, ISO 2725-2

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
452517M	17	26	26	5.5	26.5	66	10 / 160
452519M	19	28	26	10	26.5	64	10 / 160
452521M	21	30	30	10	26.5	82	8 / 160
452522M	22	32	30	10	26.5	88	8 / 160
452524M	24	34	30	12	28.5	97	6 / 120

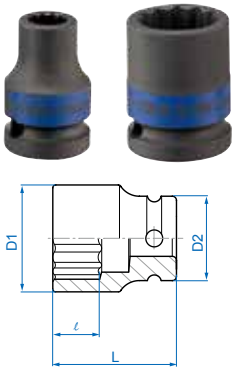


Standard Impact Socket

4530 M

- 1/2" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- DIN 3129, ISO 2725-2

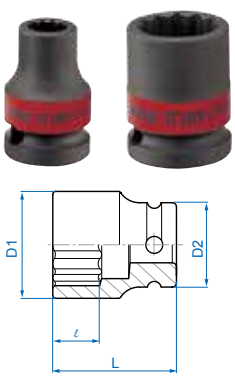
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
453008M	8	14	25	7	38	67	10 / 200
453009M	9	15	25	7	38	67	10 / 200
453010M	10	17	25	8	38	70	10 / 200
453011M	11	18	25	8	38	71	10 / 200
453012M	12	19	25	9	38	72	10 / 200
453013M	13	20	25	10	38	72	10 / 200
453014M	14	22	25	10	38	77	10 / 200
453015M	15	23	30	11	38	112	10 / 160
453016M	16	24	30	11	38	112	10 / 160
453017M	17	26	30	12	38	115	10 / 160
453018M	18	27	30	13	38	115	10 / 160
453019M	19	28	30	13	38	120	10 / 160
453020M	20	29.2	30	13	38	120	10 / 160
453021M	21	30	30	14	40	125	8 / 160
453022M	22	32	30	14	40	143	8 / 160
453023M	23	33	30	15	40	143	8 / 160
453024M	24	34	30	15	42	152	6 / 120
453025M	25	36	30	15	42	168	6 / 120
453026M	26	37	30	15	42	173	6 / 120
453027M	27	38	30	16	44	176	6 / 120
453028M	28	41	30	16	44	194	6 / 120
453029M	29	41	30	17	44	194	6 / 120
453030M	30	42	30.5	17	44	201	6 / 120
453032M	32	46	30	19	44	205	6 / 120
453033M	33	46	30	19	46	227	6 / 96
453034M	34	46	30	20	46	231	6 / 96
453036M	36	47	30	20	46	248	6 / 96
453038M	38	50	30	21	50	248	6 / 60
453041M	41	52	30	22	52	248	6 / 60



4530 S new

- 1/2" drive
- 12 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.2

KT NO.	inch	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
453016S	1/2	20	25	10	38	71	10 / 200
453018S	9/16	22	25	10	38	77	10 / 200
453020S	5/8	24	25	11	38	111	10 / 160
453022S	11/16	26	30	12	38	116	10 / 160
453024S	3/4	28	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



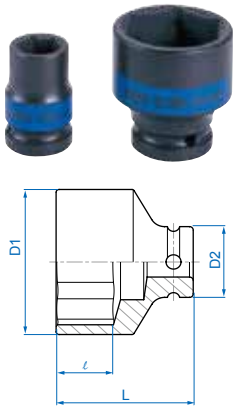
Standard Impact Socket

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

4535 M

- 1/2" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3129, ISO 2725-2

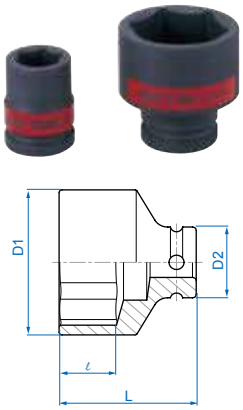
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
453508M	8	14	25	7	38	67	10 / 200
453509M	9	15	25	7	38	67	10 / 200
453510M	10	17	25	8	38	70	10 / 200
453511M	11	18	25	8	38	71	10 / 200
453512M	12	19	25	9	38	72	10 / 200
453513M	13	20	25	10	38	72	10 / 200
453514M	14	22	25	10	38	77	10 / 200
453515M	15	23	30	11	38	112	10 / 160
453516M	16	24	30	11	38	112	10 / 160
453517M	17	26	30	12	38	115	10 / 160
453518M	18	27	30	13	38	115	10 / 160
453519M	19	28	30	13	38	120	10 / 160
453520M	20	29.2	30	13	38	120	10 / 160
453521M	21	30	30	14	40	125	8 / 160
453522M	22	32	30	14	40	143	8 / 160
453523M	23	33	30	15	40	143	8 / 160
453524M	24	34	30	15	42	152	6 / 120
453525M	25	36	30	15	42	168	6 / 120
453526M	26	37	30	15	42	173	6 / 120
453527M	27	38	30	16	44	176	6 / 120
453528M	28	41	30	16	44	194	6 / 120
453529M	29	41	30	17	44	194	6 / 120
453530M	30	42	30.5	17	44	201	6 / 120
453532M	32	46	30	19	44	205	6 / 120
453533M	33	46	30	19	46	227	6 / 96
453534M	34	46	30	20	46	231	6 / 96
453536M	36	47	30	20	46	248	6 / 96
453538M	38	50	30	21	50	241	6 / 60
453539M	39	51	30	22	50	240	6 / 60
453541M	41	52	30	22	52	283	6 / 60
453546M	46	59	30	23	55	408	4 / 32



4535 S

- 1/2" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.2

KT NO.	inch	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
453510S	5/16	14	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	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



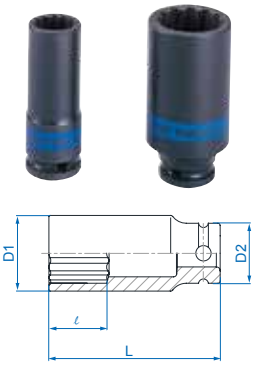
Deep Impact Socket

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

4430 M

- 1/2" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

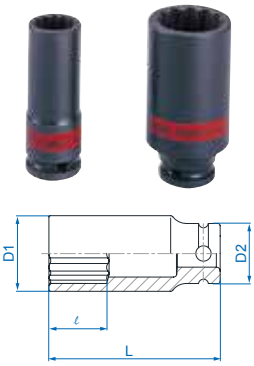
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
443008M	8	14	25	12	78	130	6 / 120
443009M	9	15	25	12	78	135	6 / 120
443010M	10	17	25	12	80	150	6 / 120
443011M	11	18	25	13	80	160	6 / 120
443012M	12	19	25	14	80	170	6 / 120
443013M	13	20	25	14	80	165	6 / 120
443014M	14	22	25	14	80	180	6 / 120
443015M	15	23	30	16	80	236	6 / 96
443016M	16	24	30	16	80	243	6 / 96
443017M	17	26	30	16	80	255	6 / 96
443018M	18	27	30	17	80	267	6 / 96
443019M	19	28	30	18	80	260	6 / 96
443020M	20	29.2	30	20	80	252	6 / 96
443021M	21	30	30	20	80	251	6 / 96
443022M	22	32	30	22	80	304	5 / 60
443023M	23	33	30	24	80	310	5 / 60
443024M	24	34	30	24	80	318	5 / 60
443027M	27	38	30	27	80	368	5 / 60
443030M	30	42	30.5	30	80	422	5 / 50
443032M	32	46	30	32	80	460	1 / 24
443036M	36	47	30	36	80	535	1 / 24



4430 S new

- 1/2" drive
- 12 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.2

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



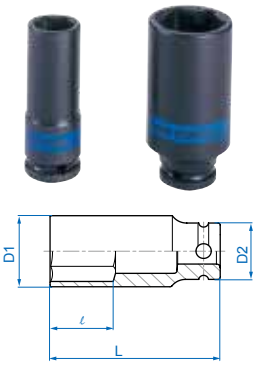
Deep Impact Socket

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

4435 M

- 1/2" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

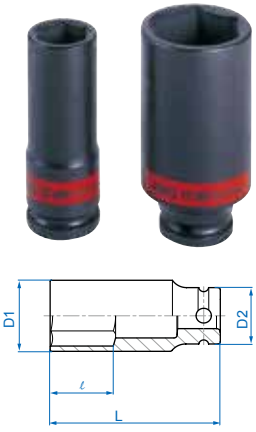
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
443508M	8	14	25	12	78	116	6 / 120
443509M	9	15	25	12	78	125	6 / 120
443510M	10	17	25	12	80	136	6 / 120
443511M	11	18	25	13	80	144	6 / 120
443512M	12	19	25	14	80	157	6 / 120
443513M	13	20	25	14	80	157	6 / 120
443514M	14	22	25	14	80	172	6 / 120
443515M	15	23	30	16	80	223	6 / 96
443516M	16	24	30	16	80	230	6 / 96
443517M	17	26	30	16	80	240	6 / 96
443518M	18	27	30	17	80	255	6 / 96
443519M	19	28	30	18	80	236	6 / 96
443520M	20	29.2	30	20	80	244	6 / 96
443521M	21	30	30	20	80	240	6 / 96
443522M	22	32	30	22	80	296	5 / 60
443523M	23	33	30	24	80	300	5 / 60
443524M	24	34	30	24	80	308	5 / 60
443525M	25	36	30	24	80	342	5 / 60
443526M	26	37	30	27	80	344	5 / 60
443527M	27	38	30	27	80	356	5 / 60
443528M	28	41	30	27	80	424	5 / 50
443529M	29	41	30	27	80	404	5 / 50
443530M	30	42	30.5	30	80	416	5 / 50
443532M	32	46	30	32	80	510	1 / 24
443533M	33	46	30	32	80	521	1 / 24
443534M	34	46	30	33	80	539	1 / 24
443536M	36	47	30	36	80	556	1 / 24
443538M	38	50	30	38	80	617	1 / 24
443541M	41	52	30	38	80	635	1 / 24
443546M	46	59	30	40	80	825	1 / 24



4435 S

- 1/2" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.2

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



Impact Thin Wall Socket

4835 M

- 1/2" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

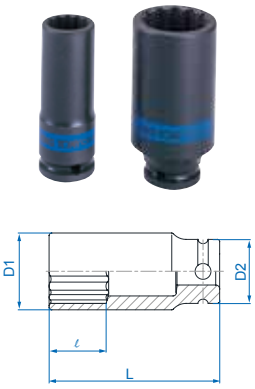
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
483510M	10	16	25	20	52	92	10 / 180
483511M	11	17	25	20	52	92	10 / 180
483512M	12	18	25	20	52	92	10 / 180
483513M	13	19	25	20	52	95	10 / 180
483514M	14	21	25	20	52	101	10 / 180
483516M	16	23	25	20	52	149	8 / 80
483517M	17	25	25	23	52	152	8 / 80
483519M	19	27	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



4930 M

- 1/2" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

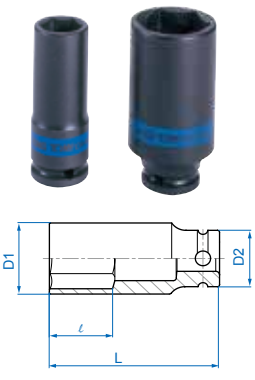
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
493008M	8	13.2	25	20	78	130	6 / 120
493009M	9	14.0	25	20	78	135	6 / 120
493010M	10	15.5	25	20	80	150	6 / 120
493011M	11	16.7	25	20	80	160	6 / 120
493012M	12	18.0	25	20	80	170	6 / 120
493013M	13	19.0	25	20	80	165	6 / 120
493014M	14	20.5	25	20	80	180	6 / 120
493015M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



4935 M

- 1/2" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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



Impact Thin Wall Socket

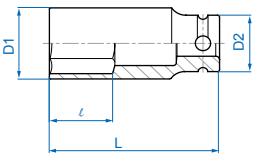
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

4935 S

- 1/2" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.2

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

- Material - chrome molybdenum alloy steel
- For aluminum alloy wheel
- Finishing - phosphate sunk
- Super thin wall version has less strength than standard deep version

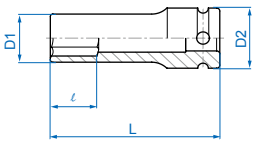
4415 M

- 1/2" drive super thin wall version
- 6 points
- Metric size
- DIN 3121

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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



Thin walled design (D1)



Plastic Sleeve Thin Wall Impact Socket

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

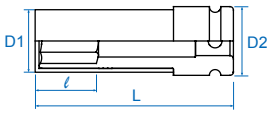
4945 MX

- 1/2" drive plastic sleeve thin wall version
- 6 points
- Metric size
- DIN 3121

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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



17mm 19mm 21mm



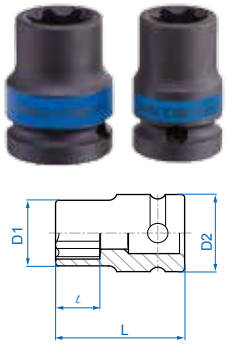


Impact Star Socket

4575 M

- 1/2" drive
- 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

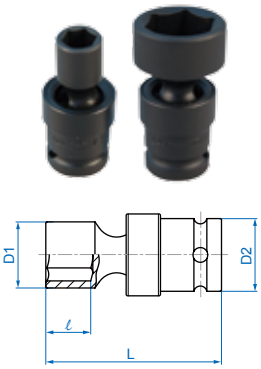
4B55 M

- 1/2" drive standard length
- 6 points
- Metric size
- 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



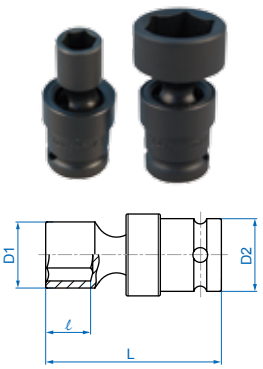
4B55 S

- 1/2" drive standard length
- 6 points
- Inch size
- Special design for confined spaces
- DIN 3121



Standard Length

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



Impact Universal Joint Socket

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

4A55 M

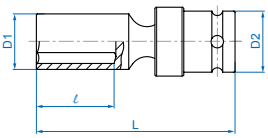
- 1/2" drive deep version
- 6 points
- Metric size
- special design for confined spaces
- DIN 3121



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





4A55 S

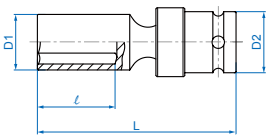
- 1/2" drive deep version
- 6 points
- Inch size
- Special design for confined spaces
- DIN 3121



Deep Version

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

4055 M

- 1/2" drive impact bit socket
- HEXAGON head
- DIN 3121



KT NO.	Size (mm)	L (mm)	Max. Torq (Nm)	g	
405504M	4	60	20.8	72	10 / 180
405505M	5	60	36.0	73	10 / 180
405506M	6	60	62.4	74	10 / 180
405507M	7	60	93.6	76	10 / 180
405508M	8	60	144.0	78	10 / 180
405510M	10	60	264.0	86	10 / 180
405512M	12	60	420.0	99	10 / 180
405513M	13	60	518.0	105	10 / 180
405514M	14	60	650.0	110	10 / 180
new 405516M	16	60	898.0	127	10 / 180
new 405517M	17	60	715.0	180	10 / 180
new 405519M	19	60	786.0	199	10 / 80

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

4055 S

- 1/2" drive impact bit socket
- HEXAGON head
- ANSI/ASME B107.2

KT NO.	Size (inch)	L (mm)	Max. Torq (Nm)	g	
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



4056 M

- 1/2" drive impact bit socket
- SPLINE head
- DIN 3121

KT NO.	Size	L (mm)	Max. Torq (Nm)	g	
405608M	M 8	60	144.0	73	10 / 180
405610M	M10	60	264.0	81	10 / 180
405612M	M12	60	420.0	88	10 / 180



4053
4063

- 1/2" drive impact bit socket
- For torx internal screw
- DIN 3121

KT NO.	Size	L (mm)	Max. Torq (Nm)	g	
new 405320	T20	60	12.66	58.0	10 / 180
405325	T25	60	20.0	73.0	10 / 180
405327	T27	60	30.0	73.5	10 / 180
405330	T30	60	40.0	74.0	10 / 180
405340	T40	60	70.0	85.0	10 / 180
405345	T45	60	110.0	90.0	10 / 180
405350	T50	60	165.5	95.0	10 / 180
405355	T55	60	260.0	100.0	10 / 180
405360	T60	60	450.0	105.0	10 / 180
new 405370	T70	60	670.0	105.0	10 /180
406325	T25	100	20.0	97.0	6 / 120
406327	T27	100	30.0	97.5	6 / 120
406330	T30	100	40.0	98.0	6 / 120
406340	T40	100	70.0	110.0	6 / 120
406345	T45	100	110.0	130.0	6 / 120
406350	T50	100	165.5	150.0	6 / 120
406355	T55	100	260.0	160.0	6 / 120
406360	T60	100	450.0	170.0	6 / 120



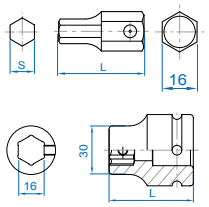
4053



4063

1740
409616 M

- Hex bit & bit holder
- DIN 3121



KT NO.	S (mm)	L (mm)	g	
174010H	10	40	46	20 / 400
174012H	12	40	52	20 / 400
174014H	14	40	60	20 / 200
174017H	17	40	73	20 / 200
174019H	19	40	80	20 / 200
174022H	22	40	97	12 / 120
409616M	16	38	145	10 / 160



1740



409616M

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

4015 M

- 1/2" drive impact bit socket
- HEXAGON head
- DIN 3121



KT NO.	Size (mm)	L (mm)	Max. Torq (Nm)	g	
401505M	5	80	36.0	84	6 / 120
401506M	6	80	62.4	86	6 / 120
401507M	7	80	93.6	89	6 / 120
401508M	8	80	144.0	96	6 / 120
401509M	9	80	229.0	114	6 / 120
401510M	10	80	264.0	136	6 / 120
401512M	12	80	420.0	145	6 / 120
401513M	13	80	518.0	155	6 / 120
401514M	14	80	650.0	164	6 / 120
401517M	17	80	715.0	248	6 / 96
401519M	19	80	786.0	246	6 / 96

4015 S

- 1/2" drive impact bit socket
- HEXAGON head
- DIN 3121



KT NO.	Size (inch)	L (mm)	Max. Torq (Nm)	g	
401508S	1/4	80	144	87	6 / 120
401512S	3/8	80	420	125	6 / 120
401516S	1/2	80	518	150	6 / 120

4065 M

- 1/2" drive impact bit socket
- HEXAGON head
- DIN 3121



KT NO.	Size (mm)	L (mm)	Max. Torq (Nm)	g	
406504M	4	100	20.8	96	6 / 120
406505M	5	100	36.0	97	6 / 120
406506M	6	100	62.4	98	6 / 120
406508M	8	100	144.0	110	6 / 120
406510M	10	100	264.0	150	6 / 120
406512M	12	100	420.0	170	6 / 120
406514M	14	100	650.0	190	6 / 120

4075 M

- 1/2" drive impact bit socket
- HEXAGON head
- DIN 3121



KT NO.	Size (mm)	L (mm)	Max. Torq (Nm)	g	
407505M	5	150	36.0	115	6 / 120
407506M	6	150	62.4	125	6 / 120
407508M	8	150	144.0	145	6 / 120
407510M	10	150	264.0	185	6 / 120
407512M	12	150	420.0	225	6 / 120
407514M	14	150	650.0	250	6 / 120

Impact Accessory

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

4147

- 1/2" drive bit holder
- DIN 3121



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

414A08S

- 1/2" drive bit holder
- Quick-release
- DIN 3121





KT NO.	Size	Overall Length (mm)	g	
414A08S	1/4"	51.2	93.6	10 / 180

Impact Accessory

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

4260
4260P

- 1/2" drive extension bar & with ball
- DIN 3121

KT NO.	Total Length (inch)	Total Length (mm)	g	
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
new 4260-16	16	400	746	2 / 20
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
new 4260-16P	16	400	746	2 / 20


4260


4260P

4269

- 1/2" drive torque extension bar
- Color coded and engraved with Nm and ft.lb setting
- Helps to eliminate overtorqued lug nut

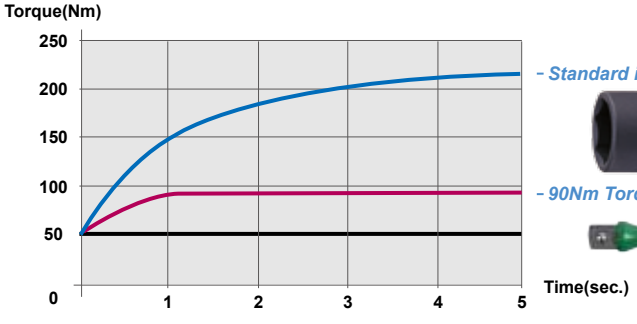
KT NO.	Color	Max. Torq (Nm)	Max. Torq (ft.lbs)	Total Length (inch)	Total Length (mm)	Spec.	g
4269-08-90		90	65	7-11/16	195	1/2"Fx1/2"M	192
4269-08-A0		100	75	7-11/16	195	1/2"Fx1/2"M	201
4269-08-B0		110	80	7-11/16	195	1/2"Fx1/2"M	217
4269-08-C0		120	90	7-11/16	195	1/2"Fx1/2"M	224
4269-08-D5		135	100	7-11/16	195	1/2"Fx1/2"M	238
4269-08-F0		150	110	7-11/16	195	1/2"Fx1/2"M	263
4269-08-G0		160	120	7-11/16	195	1/2"Fx1/2"M	304
4269-08-H5		175	130	7-11/16	195	1/2"Fx1/2"M	284
4269-08-J0		190	140	7-11/16	195	1/2"Fx1/2"M	331
4269-08-K0		200	150	7-11/16	195	1/2"Fx1/2"M	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.Do not use by a hand
2.Use with 1/2"drive impact wrench
3.Set air pressure 5kgf/cm2-6kgf/cm2, and adjust torque value between 190Nm to 210Nm
4.Set air pressure 0.5MPa(73 PSI)~0.6MPa(90 PSI)
5.Attach the torque extension bar with socket to impact wrench and apply load. The torque transmits a torque value as indicated on torque extension bar



- Standard impact socket



- 90Nm Torque extension bar



1/2" Impact wrench
0.6Mpa Air pressure

Impact Accessory

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

9TE41

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



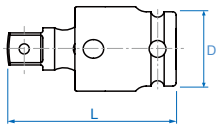
KT NO.	Total Length (mm)	g	
9TE41	311	196.4	1 / 24



4796
4796P

- 1/2" drive universal joint & with ball
- DIN 3121

KT NO.	Total Length (inch)	Total Length (mm)	D (mm)	g	
4796	2-3/8	59	25	121	6 / 96
4796P	2-3/8	59	25	121	6 / 96



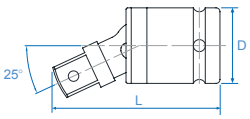

4796


4796P

479AP
4797
4797P

- 1/2" drive universal joint & with ball
- DIN 3121

KT NO.	Total Length (inch)	Total Length (mm)	D (mm)	g	
479AP	2-3/8	61	29.1	161	6 / 96
4797	2-1/2	65	29.1	172	6 / 96
4797P	2-1/2	65	29.1	172	6 / 96



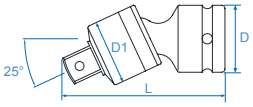

479AP


4797


4797P

4798
4798P

KT NO.	Total Length (inch)	Total Length (mm)	D (mm)	D1 (mm)	g	
4798	3	74	29.1	29.1	222	6 / 96
4798P	3	74	29.1	29.1	222	6 / 96




4798


4798P



Impact Accessory

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

4863 4863P 4866 4866P

- 1/2" drive adapter & with ball
- Convert to 3/8", 3/4" drive
- 4863 → Max. torque:380 Nm
- DIN 3121

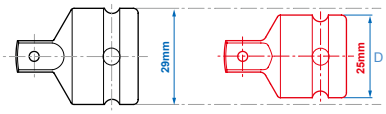
KT NO.	Spec.	g	
4863	1/2"F x 3/8"M	95	10 / 160
4866	1/2"F x 3/4"M	174	8 / 160
4863P	1/2"F x 3/8"M	95	10 / 160
4866P	1/2"F x 3/4"M	174	8 / 160



4863 & 4866



4863P & 4866P



4863 / 4863P 4873 / 4873P

4873 4873P

- 1/2" drive adapter & with ball
- Convert to 3/8"
- 4873 → Max. torque:320 Nm
- DIN 3121

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



4873



4873P

Impact Accessory

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

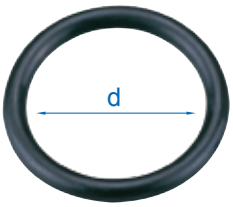
90401 90402

- 1/2" drive locking ring
- High tensile rubber material

90601 90602

- 1/2" drive locking pin
- Chrome vanadium steel
- DIN 3129

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 4147.4055.40
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)
90602	pin	3.0	25	4530M (15~36mm) 4575M (E20) 4835M (19~30mm) 4260.4796.4797.4863.4873.4866



90401
90402



90601
90602

Impact Socket Set

4408 MP
4408 SP

- 8 PC. 1/2" drive impact socket set
- 6 points, standard length
- 10~24 mm (3/8"~15/16")

KT NO.	Contents		1.3	1 / 20
4408MP	○	4535M	10, 12, 13, 14, 17, 19, 21, 24	
4408SP	○	4535S	3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 15/16	



4408MP



4408SP

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

4412 MP

- 11 PC. 1/2" drive impact socket set
- 6 points, standard length
- 10~21 mm

KT NO.	Contents		1.5	1 / 8
4412MP	○	4535M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21	



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

4414 SP

- 14 PC. 1/2" drive impact socket set
- 6 points, standard length
- 3/8"~1-1/4"

KT NO.	Contents		2.4	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	



Metal case size (mm) : 270 x 100 x 49 (0.048 cuft)

4410 MP MP01
4410 SP

- 8 PC. 1/2" drive impact socket set
- 6 points, deep version
- 12~23 mm (1/2"~15/16")

KT NO.	Contents		2.3	1 / 12
4410MP	○	4435M	12, 13, 14, 17, 19, 21, 22, 23	
new 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	



4410MP / 4410MP01



4410SP

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

Impact Socket Set

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

4415 MP MP03

- 15 PC. 1/2" drive impact socket set
- 6 points, deep version
- 10~32 mm

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	



4415MP



4415MP03

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

4416 SP

- 14 PC. 1/2" drive impact socket set
- 6 points, deep version
- 3/8"~1-1/4"

KT NO.	Contents			4.8	1 / 6
4416SP	○		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	



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

4423 MP new

- 3 PC. 1/2" drive impact socket set
- 6 points, thin wall version
- 17~21 mm
- Socket rail 127mmL - Rail with 3PC. 1/2" drive clip

KT NO.	Contents			4.5	48
4423MP	○		4835M	17, 19, 21	



4413 MP

- 8 PC. 1/2" drive impact socket set
- 6 points, thin wall version
- 10~24 mm

KT NO.	Contents			1.5	1 / 20
4413MP	○		4835M	10, 12, 13, 14, 17, 19, 21, 24	



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

Wheel Nut Impact Socket Set

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

4405 MX

- 3PC. 1/2" drive. thin wall impact socket set with plastic sleeve
- 6 points
- Durable outer sleeve and polished wheels and lug nuts

KT NO.	Contents			0.83	1 / 16
4405MX	○		494517MX	17 mm	
	○		494519MX	19 mm	
	○		494521MX	21 mm	



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

4406 MX

- 3PC. plastic sleeve thin wall impact socket
- 3PC. torque extension bar

KT NO.	Contents			2.13	1 / 10
4406MX	○		494517MX	17 mm	
	○		494519MX	19 mm	
	○		494521MX	21 mm	
			4269-08-90	90 Nm	
			4269-08-B0	110 Nm	
			4269-08-D5	135 Nm	



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

Impact Universal Joint Socket Set

4450 MP
4450 SP

- 10 PC. 1/2" drive impact universal socket set

KT NO.	Contents			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	



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

4440 MP
4440 SP

- 10 PC. 1/2" drive deep impact universal socket set

KT NO.	Contents			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	



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

Impact Bit Socket Set

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

4407 MP

- 7 PC. 1/2" drive impact bit socket
- For hex head screw
- 60mmL, 4~14 mm

KT NO.	Contents		0.94	1 / 20
4407MP		4055M	4, 5, 6, 8, 10, 12, 14	



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

4418MP new

- 8 PC. 1/2" drive impact bit socket set
- For hex head screw
- 60mmL 5~19 mm

KT NO.	Contents		1.34	1 / 20
4418MP		4055M	H5, H6, H8, H10, H12, H14, H17, H19	



Metal case size (mm) : 270 x 73 x 46 (0.034 cuft)

4457 MP

- 7 PC. 1/2" drive impact bit socket
- For hex head screw
- 100mmL, 4~14 mm

KT NO.	Contents		1.44	1 / 18
4457MP		4065M	4, 5, 6, 8, 10, 12, 14	



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

4476 MP

- 6 PC. 1/2" drive impact bit socket set
- For hex head screw
- 150mmL, 5~14 mm

KT NO.	Contents		1.47	1 / 18
4476MP		4075M	5, 6, 8, 10, 12, 14	



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

4417PP

- 7 PC. 1/2" drive impact bit socket set
- For torx internal screw
- 60mmL, T25~T60

KT NO.	Contents		0.94	1 / 20
4417PP		4053	T25, T30, T40, T45, T50, T55, T60	



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

4467PP

- 7 PC. 1/2" drive impact bit socket set
- For torx internal screw
- 100mmL, T25~T60

KT NO.	Contents		1.31	1 / 18
4467PP		4063	T25, T30, T40, T45, T50, T55, T60	



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

Impact Socket Set

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

4472 MP 4472MP : 158 PC.

4472 SP 4472SP : 106 PC.

▪ Standard impact socket



4472MP / 4472SP

Metal case size (mm) :
415 x 336 x 320 (1.866 cuft)

KT NO.	Contents			Each Q'ty
4472MP	○		4535M	8, 9, 10, 11, 12, 13, 14 — 8
				15, 16, 17, 18, 19, 20, 21 — 6
				22, 23, 24 — 7
				25, 26, 27, 28 — 6
				29, 30, 32 — 5
4472SP	○		4535S	5/16, 3/8, 7/16, 1/2, 9/16 — 8
				5/8, 11/16, 3/4, 13/16 — 6
				7/8, 15/16 — 7
				1, 1-1/16, 1-1/8 — 6
				1-3/16, 1-1/4 — 5

KT NO.	Spec.	kg	Cuft
4472MP-A	87103	5.87	0.54
4472MP-D	158 pcs socket content	19.2	0.6
4472SP-A	87103	5.87	0.54
4472SP-D	106 pcs socket content	13	0.6

4466 MP 4466MP : 166 PC.

4466 SP 4466SP : 102 PC.

▪ Deep impact socket



4466MP / 4466SP

Metal case size (mm) :
415 x 336 x 320 (1.866 cuft)

KT NO.	Contents			Each Q'ty
4466MP	○		4435M	8, 9, 10, 11, 12, 13, 14 — 8
				15, 16, 17, 18, 19, 20, 21, 22, 23, 24 — 7
				25, 26, 27, 28, 29 — 6
				30, 32 — 5
4466SP	○		4435S	5/16, 3/8, 7/16, 1/2, 9/16 — 8
				5/8, 11/16, 3/4, 13/16, 7/8, 15/16 — 7
				1, 1-1/16, 1-1/8 — 6
				1-3/16, 1-1/4 — 5

KT NO.	Spec.	kg	Cuft
4466MP-A	87103	5.87	0.54
4466MP-D	166 pcs socket content	42.3	0.6
4466SP-A	87103	5.87	0.54
4466SP-D	102 pcs socket content	27.6	0.6

Standard Impact Socket

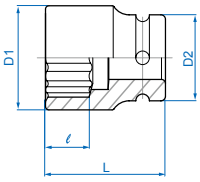
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

6510 M

- 3/4" drive
- Lightweight type
- 12 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
651017M	17	29.0	38	10	50	227	8 / 96
651018M	18	30.0	38	10	50	225	8 / 96
651019M	19	32.0	38	10	50	238	8 / 96
651021M	21	35.0	38	13	50	254	8 / 96
651022M	22	36.0	38	13	50	260	8 / 96
651023M	23	37.0	38	15	50	263	8 / 96
651024M	24	38.0	38	15	50	249	8 / 96
651026M	26	38.0	38	15	53	260	6 / 48
651027M	27	42.0	38	18	53	332	6 / 48
651028M	28	44.0	38	18	53	353	6 / 48
651029M	29	45.0	38	18	53	362	6 / 48
651030M	30	46.0	38	20	53	342	6 / 48



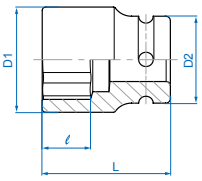


6515 M

- 3/4" drive
- Lightweight type
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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



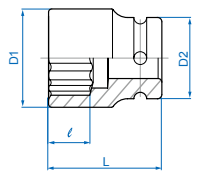


6530 M

- 3/4" drive
- 12 points
- Metric size
- Thin walled design on square driving side
- DIN 3129, ISO 2725-2

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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

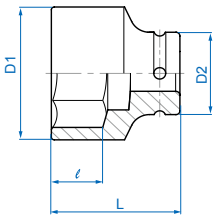
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

6535 M

- 3/4" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- 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
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



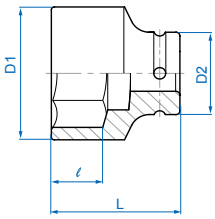


6535 S

- 3/4" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- 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
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	54	27	65	925	2 / 24
653562S	1-15/16	70	54	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

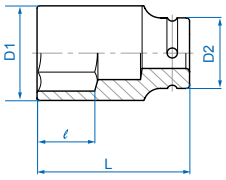
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

6435 M

- 3/4" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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



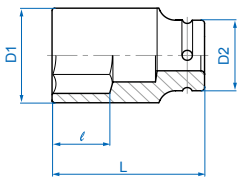


6435 S

- 3/4" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- ANSI/ASME B107.2

KT NO.	inch	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
643524S	3/4	32	38	16	90	455	1 / 24
643526S	13/16	35	38	18	90	490	1 / 24
643528S	7/8	36	38	18	90	495	1 / 24
643530S	15/16	37	38	23	90	495	1 / 24
643532S	1	38	38	25	90	500	1 / 24
643534S	1-1/16	42	44	27	90	624	1 / 24
643536S	1-1/8	44.7	44	27	90	680	1 / 24
643538S	1-3/16	46	44	27	90	684	1 / 24
643540S	1-1/4	48	44	30	90	733	1 / 24
643542S	1-5/16	50	44	30	90	789	1 / 24
643544S	1-3/8	52	44	32	90	804	1 / 24
643546S	1-7/16	54	44	32	90	844	1 / 24
643548S	1-1/2	56	44	34	90	871	1 / 24
643550S	1-9/16	58	44	34	90	928	1 / 24
643552S	1-5/8	59	44	34	90	941	1 / 24
643554S	1-11/16	63.5	44	38	95	1111	1 / 10
643556S	1-3/4	64	44	38	95	1168	1 / 10
643558S	1-13/16	66	44	38	95	1241	1 / 10
643560S	1-7/8	68	54	40	95	1397	1 / 10
643562S	1-15/16	70	54	40	95	1448	1 / 10
643564S	2	72	54	40	95	1521	1 / 10





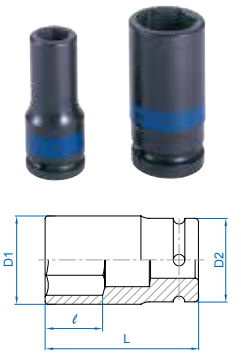
Thin Wall Impact Socket

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

6835 M

- 3/4" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

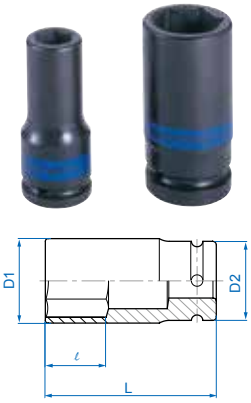
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
683517M	17	28.0	44	16	60	320	6 / 48
683519M	19	30.0	44	16	60	348	6 / 48
683521M	21	33.0	44	18	60	355	6 / 48
683522M	22	34.0	44	18	60	362	6 / 48
683523M	23	35.0	44	23	60	370	6 / 48
683524M	24	36.5	44	23	60	378	6 / 48
683526M	26	39.0	44	25	80	400	1 / 24
683527M	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



6935 M

- 3/4" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

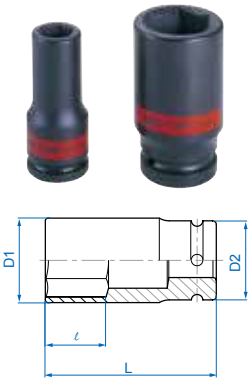
KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
693519M	19	30.0	44	16	90	562	1 / 24
693521M	21	33.0	44	18	90	597	1 / 24
693522M	22	34.0	44	18	90	612	1 / 24
693523M	23	35.0	44	23	90	614	1 / 24
693524M	24	36.5	44	23	90	619	1 / 24
693526M	26	39.0	44	25	90	629	1 / 24
693527M	27	40.0	44	27	90	631	1 / 24
693529M	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



6935 S

- 3/4" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- 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

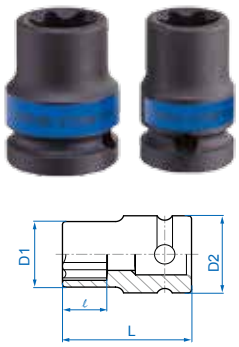


Impact Star Socket

6575 M

- 3/4" drive impact star socket
- For torx external screw
- DIN 3121

KT NO.	Size	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
657524M	E24	32.5	44.0	17.0	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





Rear Wheel Socket

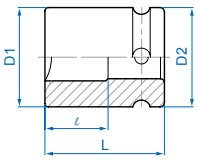
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

6514 M

- 3/4" drive
- 4 points
- Metric size
- DIN 3121

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
651417M	17	39.8	34	28	53	350	1 / 24
651419M	19	39.8	34	28	53	332	1 / 24
651420M	20	41.8	36	28	53	377	1 / 24
651421M	21	41.8	36	28	53	370	1 / 24





Impact Bit Socket

6015 M

- 3/4" impact hex bit socket
- DIN 3121

KT NO.	mm	L (mm)	g	
601514M	14	87	325	2/48
601517M	17	87	343	2/48
601519M	19	87	365	2/48
601521M	21	87	490	1/24
601522M	22	87	522	1/24
601524M	24	87	555	1/24
601527M	27	87	604	1/24



1740
609616 M

- Hex bit & bit holder
- DIN 3121

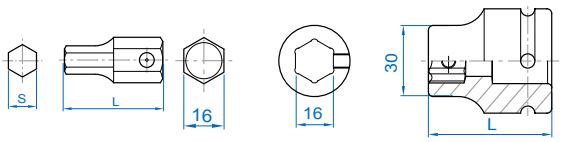
KT NO.	S (mm)	L (mm)	g	
174010H	10	40	46	20 / 400
174012H	12	40	52	20 / 400
174014H	14	40	60	20 / 200
174017H	17	40	73	20 / 200
174019H	19	40	80	20 / 200
174022H	22	40	97	12 / 120
609616M	16	52	370	6 / 48



1740



609616M

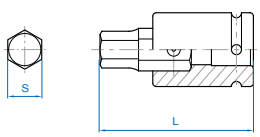


6085

- 3/4" impact hex bit socket
- DIN 3121

KT NO.	S (mm)	L (mm)	g	
608510	10	77	416	4 / 40
608512	12	77	422	4 / 40
608514	14	77	430	4 / 40
608517	17	77	443	4 / 40
608519	19	77	450	4 / 40
608522	22	77	473	4 / 40





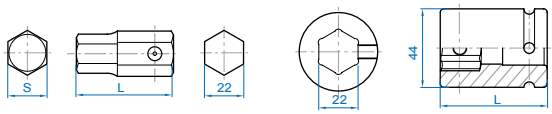
Impact Bit Socket

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

1954
609622 M

- Hex bit & bit holder
- DIN 3121

KT NO.	S (mm)	L (mm)	g	
195419H	19	54.5	140	12 / 120
195422H	22	54.5	162	12 / 120
195424H	24	54.5	176	10 / 100
195427H	27	54.5	200	10 / 100
195430H	30	54.5	271	6 / 60
195432H	32	54.5	243	6 / 60
609622M	22	60.0	530	6 / 48




1954

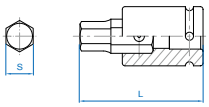

609622M

6095

- 3/4" impact hex bit socket
- DIN 3121

KT NO.	S (mm)	L (mm)	g	
609519	19	93	670	1 / 24
609522	22	93	692	1 / 24
609524	24	93	706	1 / 24
609527	27	93	730	1 / 24
609532	32	93	783	1 / 24





Impact Accessory

6260
6260P

- 3/4" drive extension bar & with ball
- DIN 3121

KT NO.	Overall Length (inch)	Overall Length (mm)	g	
6260-04	4	100	577	2 / 20
6260-07	7	175	867	2 / 20
6260-10	10	250	1155	1 / 16
6260-13	13	330	1423	1 / 10
6260-04P	4	100	577	2 / 20
6260-07P	7	175	867	2 / 20
6260-10P	10	250	1155	1 / 16
6260-13P	13	330	1423	1 / 10

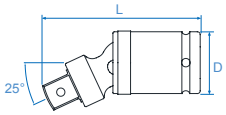

6260


6260P

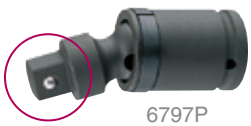
6797
6797P

- 3/4" drive universal joint & with ball
- DIN 3121

KT NO.	Total Length (inch)	Total Length (mm)	D (mm)	g	
6797	4-1/2	114	44	742	2 / 20
6797P	4-1/2	114	44	742	2 / 20



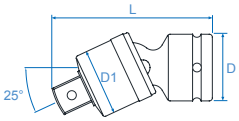

6797


6797P

6798
6798P

- 3/4" drive universal joint & with ball
- DIN 3121

KT NO.	Total Length (inch)	Total Length (mm)	D (mm)	D1 (mm)	g	
6798	4-1/4	108	44	44	736	2 / 20
6798P	4-1/4	108	44	44	736	2 / 20




6798


6798P

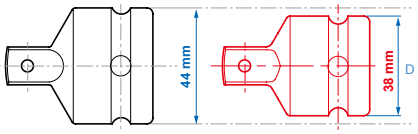
Impact Accessory

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

6864 6864P 6868 6868P

- 3/4" drive adapter & with ball
- Convert to 1/2" drive
- 6864 → Max. torque:660 Nm
- DIN 3121

KT NO.	Spec.	g	
6864	3/4"F x 1/2"M	313	6 / 48
6868	3/4"F x 1"M	413	6 / 48
6864P	3/4"F x 1/2"M	313	6 / 48
6868P	3/4"F x 1"M	413	6 / 48



6864 / 6864P
6868 / 6868P

6874 / 6874P



6864 &6868



6864P &6868P

6874 6874P

- 3/4" drive adapter & with ball
- Convert to 1/2" drive
- 6874 → Max. torque:660 Nm
- DIN 3121

KT NO.	Spec.	D (mm)	g	
6874	3/4"F x 1/2"M	38	255	6 / 48
6874P	3/4"F x 1/2"M	38	255	6 / 48



6874



6874P

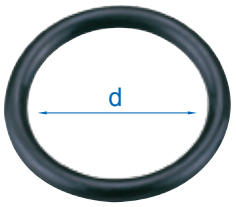
90403
90404
90405

- 3/4" drive locking ring
- High tensile rubber material

90603
90604
90607

- 3/4" drive 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")
90607	pin	3.0	30	6515M (17~30mm) 6935S (3/4"~1") 6874
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	



90403
90404
90405



90603
90604
90607

Impact Socket Set

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

6408 MP
6408 MP10
6408 SP10

- 8 PC. 3/4" drive impact socket set
- 6 points, standard / lightweight type
- 19~38 mm (3/4"~1-1/2")

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	



6408MP / 6408MP10



6408SP10

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

6409 MP
6409 MP10
6409 SP10

- 8 PC. 3/4" drive impact socket set
- 6 points, standard / lightweight type
- 26~38 mm (1"~1-1/2")

KT NO.	Contents			kg	
6409MP	6535M	26, 29, 30, 32, 34, 35, 36, 38		4.7	1 / 2
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	



6409MP / 6409MP10



6409SP10

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

6410 MP
6410 SP

- 8 PC. 3/4" drive impact socket set
- 6 points, deep version
- 26~38 mm (1"~1-1/2")

KT NO.	Contents			kg 7.1	1 / 2
6410MP	6435M	26, 29, 30, 32, 34, 35, 36, 38			
6410SP	6435S	1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2			



6410MP



6410SP

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

Impact Bit Socket Set

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

6411 MP

▪ 11 PC. 3/4" drive impact bit socket set

KT NO.	Contents		1.5	1 / 8
6411MP	○	6096M	16, 22	
	●	1740	10, 12, 14, 17	
	●	1954	19, 22, 24, 27, 32	



Metal case size (mm) : 270 x 100 x 49 (0.048 cuft)



Standard Impact Socket

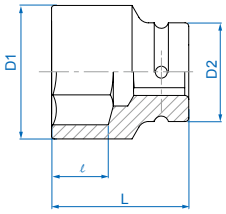
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8535 M

- 1" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3129, ISO2725-2

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
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
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







Standard Impact Socket

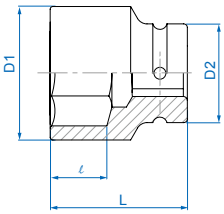
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8535 S

- 1" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- 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





Deep Impact Socket

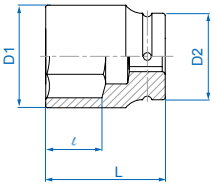
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8435 M

- 1" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- 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



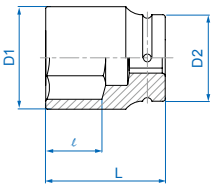


8435 S

- 1" drive
- 6 points
- Inch size
- Thin walled design on square driving side
- 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







Thin Wall Impact Socket

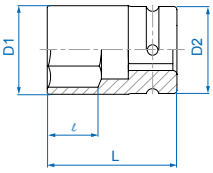
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8835 M

- 1" drive
- Thin wall version
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3121

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
883524M	24	38.0	54	26	80	626	1 / 24
883527M	27	42.0	54	26	80	643	1 / 24
883529M	29	44.0	54	26	80	700	1 / 24
883530M	30	46.0	54	30	80	696	1 / 24
883532M	32	48.0	54	30	80	714	1 / 24
883533M	33	49.0	54	30	80	748	1 / 24
883534M	34	50.0	54	30	80	764	1 / 24
883535M	35	52.0	54	32	80	776	1 / 24
883536M	36	53.0	54	32	80	779	1 / 24
883538M	38	56.0	54	32	80	810	1 / 24
883541M	41	59.5	54	32	80	866	1 / 24





8514 M
8514 S
8524 M

- 1" drive
- 4 points
- Metric size
- DIN 3121

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
851417M	17	40.0	54	30.0	60	618	1 / 24
851419M	19	42.0	54	30.0	60	618	1 / 24
851420M	20	43.0	54	30.0	60	621	1 / 24
851421M	21	44.0	54	30.0	60	621	1 / 24
851422M	22	45.5	54	30.0	60	621	1 / 24
852421M	21	44.0	48	30.0	60	621	1 / 24

KT NO.	inch	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
851426S	13/16	44	54	30.0	60	625	1 / 24



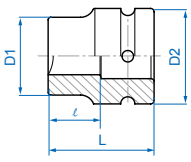
8514M
deep version



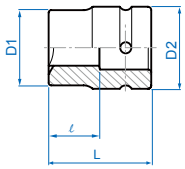
8524M



8524S



8514M



8524M

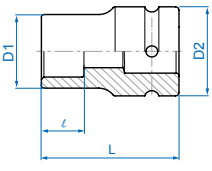
Rear Wheel Socket

8534 M

- 1" drive
- 4 points
- Metric size
- DIN 3121

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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





Impact Accessory

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

8260
8260P

- 1" drive extension bar & with ball
- DIN 3121

KT NO.	Overall Length (inch)	Overall Length (mm)	g	
8260-07	7	175	1393	1 / 16
8260-10	10	250	1891	1 / 12
8260-13	13	330	2455	1 / 9
8260-07P	7	175	1393	1 / 16
8260-10P	10	250	1891	1 / 12
8260-13P	13	330	2455	1 / 9

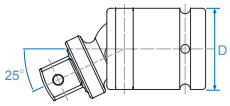

8260


8260P

8797
8797P

- 1" drive universal joint & with ball
- DIN 3121

KT NO.	Total Length (inch)	Total Length (mm)	D (mm)	g	
8797	5	125	60	1530	1 /18
8797P	5	125	60	1530	1 /18




8797


8797P

8866
8866P

- 1" drive adapter & with ball
- Convert to 3/4" drive
- Max. → torque:1412 Nm
- DIN 3121

KT NO.	Spec.	g	
8866	1"F x 3/4"M	562	4 / 32
8866P	1"F x 3/4"M	562	4 / 32


8866


8866P

8869
8869P

- 1" drive 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

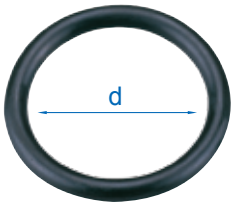
90405
90406

- 1" drive locking ring
- High tensile rubber material

90605
90606

- 1" drive 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)
90605	pin	5.0	45	8514M.8514S.8534M.806519M 8260.8797.8866.8869
90406	ring	10	75	8535M (71~90mm) 8535S (2-13/16"~3-1/2")
90606	pin	5.0	75	



90405
90406



90605
90606

Impact Socket Set

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

8408 M

- 8 PC. 1" drive impact socket set
- 6 PC. thin wall version, 24~41 mm
- 2 PC. rear wheel, 17 & 21 mm

KT NO.	Contents			6.9	1 / 2
8408MP	○		8835M	24, 27, 32, 36, 38, 41	
	◎		8534M	17, 21	



Metal case size (mm) : 445 x 120 x 68 (0.128 cuft)

8409 M

- 8 PC. 1" drive impact socket set
- 6 points, deep version
- 24~41mm

KT NO.	Contents			7.82	1 / 2
8409MP	○		8435M	24, 27, 30, 32, 33, 36, 38, 41	



Metal case size (mm) : 445 x 100 x 65 (0.104 cuft)

8410 MP

8410 SP

- 8 PC. 1" drive impact socket set
- 6 points, standard length
- 24~41 mm (15/16"~1-5/8")



8410MP



8410SP

KT NO.	Contents			6.4	1 / 4
8410MP	○		8535M	24, 27, 30, 32, 33, 36, 38, 41	
8410SP	○		8535S	15/16, 1-1/16, 1-3/16, 1-1/4, 1-5/16, 1-7/16, 1-1/2, 1-5/8	

Metal case size (mm) : 280 x 130 x 74 (0.095 cuft)

Standard Impact Socket

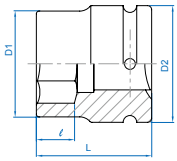
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

9535 M

- 1-1/2" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- DIN 3129

KT NO.	mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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





Impact Accessory

9868

9868P

- 1-1/2" drive adapter & with ball
- Convert to 1" drive
- Max. → torque:2515 Nm
- DIN 3121

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



9868

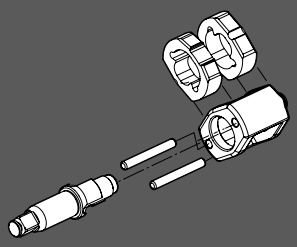


9868P

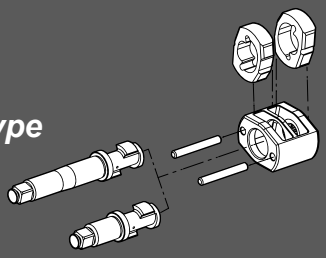
Pneumatic Tools

- *3/8" Impact Wrench*
- *1/2" Impact Wrench*
- *3/4" Impact Wrench*
- *1" Impact Wrench*
- *1-1/2" Impact Wrench*
- *Impact Wrench Set*
- *Air Ratchet Wrench*
- *Impact Screwdriver*

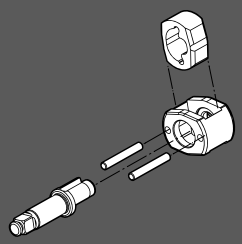
Twin Hammer Type



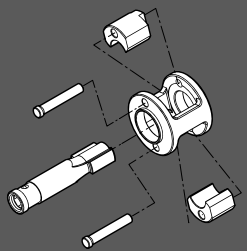
New Twin Hammer Type



Mechanism-
Jumbo Hammer Type



Mechanism-Hex.Twin Dog







KT NO.	Drive	Type: Standard	Type: Lightweight	Type: Mini.	Working Place	Anvil: STD	Anvil: Long	Max. Torque: Ft.lb	Max. Torque: Nm	Page
33311-020 33311-021	3/8"					○		200	271	225
33351-030 33351-031						○		300	407	225
33411-020 33411-021						○		200	271	225
33451-030 33451-031						○		300	407	226
33451-045 33451-046						○		450	610	227
33411-040 33411-041						○		500	678	226
33412-040 33412-041	1/2"						2"	500	678	226
33421-040 33421-041						○		500	678	227
33461-060 33461-061						○		600	813	228
33462-060 33462-061							2"	600	813	228
33411-050 33411-051						○		650	881	226
33412-050 33412-051							2"	650	881	226
33611-055 33611-056						○		700	949	229
33612-055 33612-056							2"	700	949	229
33621-075 33621-076						○		800	1085	229
33622-075 33622-076	3/4"						6"	800	1085	229
33631-110 33631-111						○		1100	1491	230
33632-110 33632-111							6"	1100	1491	230
33671-160 33672-160						○	6"	1600	2170	230
33851-120 33851-121						○		1200	1626	231
33852-120 33852-121							6"	1200	1626	231
33811-150 33812-150						○	6"	1500	2033	231
33871-160 33872-160						○	6"	1600	2170	232
33841-180 33842-180	1"					○	6"	1800	2440	233
33831-180 33832-180						○	6"	1800	2440	232
33861-200 33862-200						○	6"	2000	2712	233
33851-250 33852-250						○	8"	2500	3388	234
33911-250 33912-250	1-1/2"					○	8"	2500	3388	234
33921-300 33922-300						○	8"	3000	4065	234

Impact Wrench

33311

- 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

33351

- Light weight durable composite housing.
- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffler on handle exhaust



Light weight

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	
33351-030	3/8"	9.53	Std. anvil	3/8"	M10	10000	300	407	5-1/2"	140	1/4" BSPT	3/8"	6.2	90	119	4.2	92.73	2.07	1.30	2.87	1 / 12
33351-031	3/8"	9.53	Std. anvil	3/8"	M10	10000	300	407	5-1/2"	140	1/4" NPT	3/8"	6.2	90	119	4.2	92.73	2.07	1.30	2.87	1 / 12

33411

- 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							3PC. repair tools														

Impact Wrench

33451

- Light weight durable composite housing.
- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffler on handle exhaust



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	
33451-030	1/2"	12.70	Std. anvil	3/8"	M10	10000	300	407	5-1/2"	140	1/4" BSPT	3/8"	6.2	90	119	4.2	92.88	2.66	1.30	2.87	1 / 12
33451-031	1/2"	12.70	Std. anvil	3/8"	M10	10000	300	407	5-1/2"	140	1/4" NPT	3/8"	6.2	90	119	4.2	92.88	2.66	1.30	2.87	1 / 12

33411

33412

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

20% More Power Less Vibration

14103GP



33012 33011 33013

Twin Hammer



33411-040
33411-041



33412-040
33412-041

New Twin Hammer



33411-050
33411-051



33412-050
33412-051

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							3PC. repair tools														

Impact Wrench

33451

- Mini Design Wrench, overall length 125mm with 1.6kg
- Nickel chrome molybenum square driver
- Unique design: two step trigger with tightening or loosening fasteners







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	
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

33421

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on front exhaust

20% More Power Less Vibration



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	
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

Impact Wrench

33461
33462

- Light weight durable composite housing.
- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffler on handle exhaust



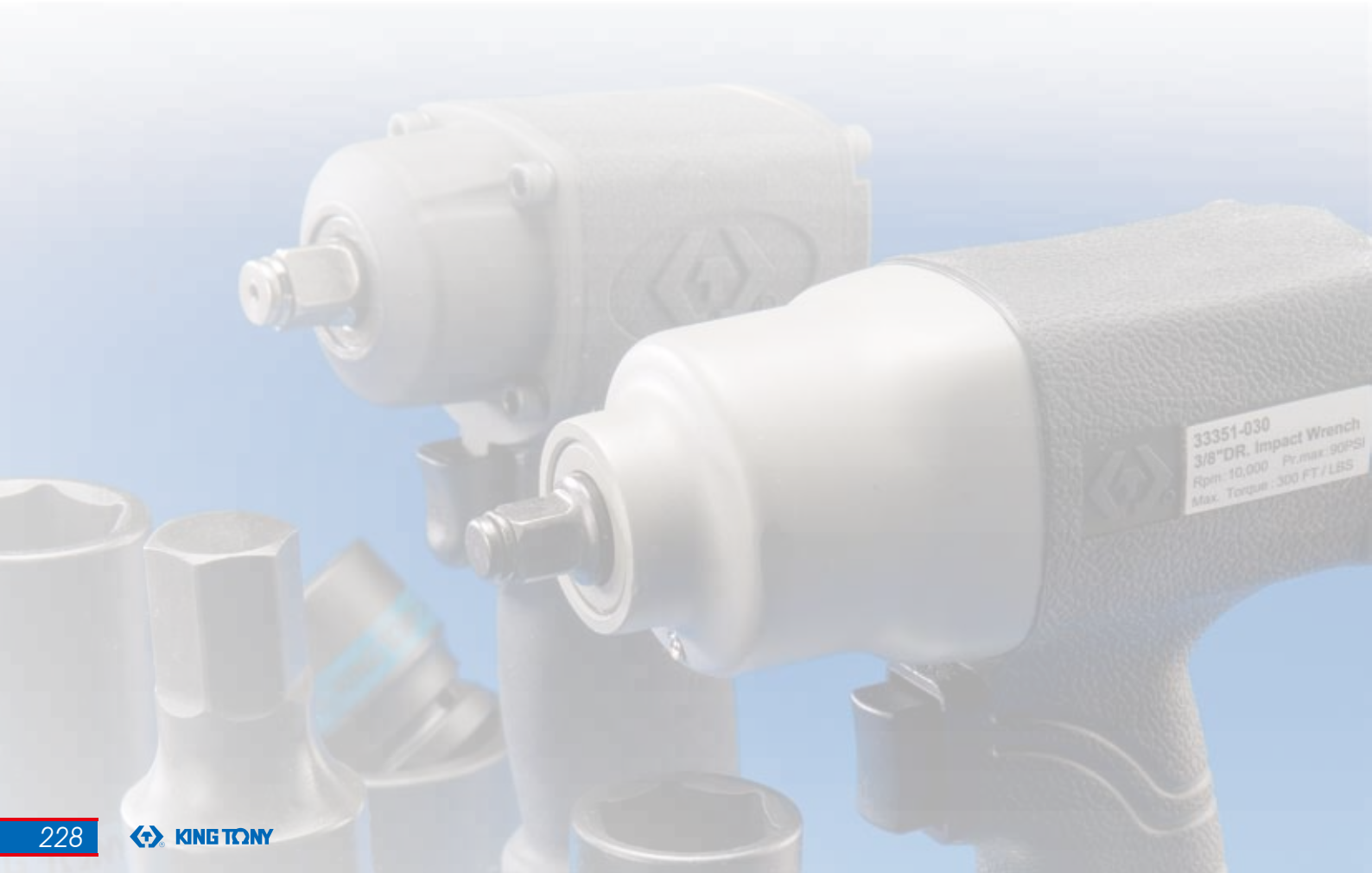
33461-060
33461-061



33462-060
33462-061

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	
33461-060	1/2"	12.70	Std. anvil	3/4"	M19	8000	600	813	7-1/32"	179	1/4" BSPT	3/8"	6.2	90	139	4.9	94.61	4.23	2.10	4.63	1 / 8
33461-061	1/2"	12.70	Std. anvil	3/4"	M19	8000	600	813	7-1/32"	179	1/4" NPT	3/8"	6.2	90	139	4.9	94.61	4.23	2.10	4.63	1 / 8
33462-060	1/2"	12.70	Long anvil	3/4"	M19	8000	600	813	9-5/8"	244	1/4" BSPT	3/8"	6.2	90	139	4.9	93.87	4.41	2.50	5.51	1 / 8
33462-061	1/2"	12.70	Long anvil	3/4"	M19	8000	600	813	9-5/8"	244	1/4" NPT	3/8"	6.2	90	139	4.9	93.87	4.41	2.50	5.51	1 / 8



Impact Wrench

33611 **33612**
33621 **33622**

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

20% More Power Less Vibration

14103GP


33012


33011


33013


33611-055
33611-056


33612-055
33612-056


33621-075
33621-076


33622-075
33622-076

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	
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

33631
33632

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust



33631-110
33631-111



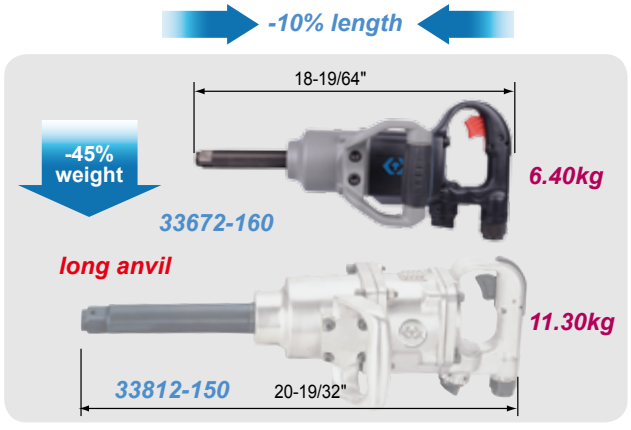
33632-110
33632-111

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	
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

- Lighter weight
- Nickel chrome molybenum square driver
- Comfortable rubber handle





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

33851
33852

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust



33851-120
33851-121



33852-120
33852-121

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	
33851-120	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

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

20% More Power Less Vibration



33811-150



33812-150

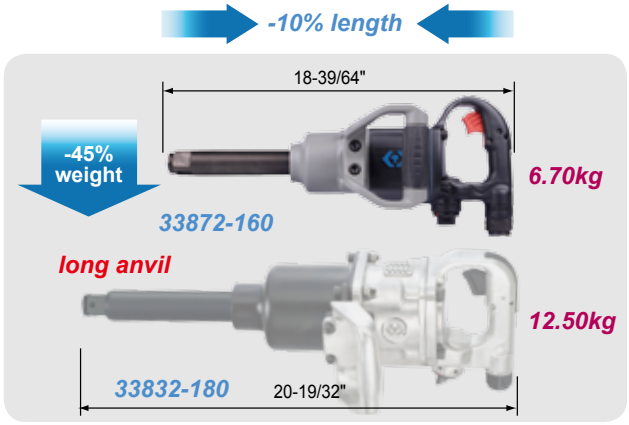
New Twin Hammer

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

33871
33872

- Light weight
- 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

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

20% More Power Less Vibration


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

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust


33841-180


33842-180

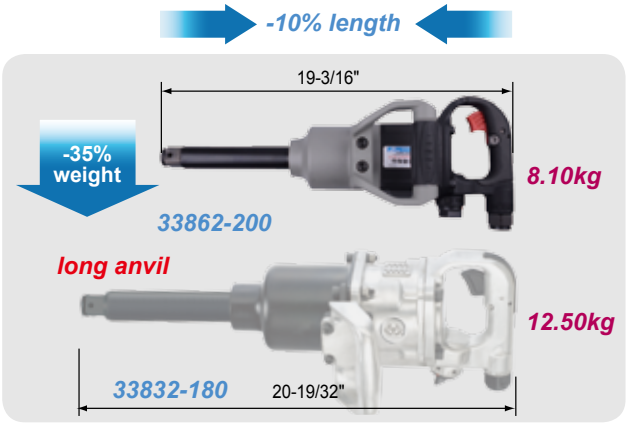
New Twin Hammer

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	
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

- Light weight
- Nickel chrome molybdenum square driver
- Comfortable rubber handle

Maximum Torque 2000ft.lb !




Twin Hammer
33861-200


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

33851
33852

- 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

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

New Twin Hammer



33911-250
33921-300



33912-250
33922-300

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. Bolt Size inch	Std. Bolt Size mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
33911-250	1-1/2"	38.10	Std. anvil	1-25/32"	M45	3000	2500	3388	17-53/64"	453	1/2" BSPT / NPT	3/4"	6.2	90	411	14.5	104.13	6.32	15.80	34.83	1 / 1
33912-250	1-1/2"	38.10	Long anvil	1-25/32"	M45	3000	2500	3388	23-53/64"	605	1/2" BSPT / NPT	3/4"	6.2	90	411	14.5	103.90	6.53	18.70	41.23	1 / 1
33921-300	1-1/2"	38.10	Std. anvil	2"	M50	3000	3000	4065	17-3/4"	451	1/2" BSPT / NPT	3/4"	6.2	90	453	16.0	104.52	8.86	19.70	43.43	1 / 1
33922-300	1-1/2"	38.10	Long anvil	2"	M50	3000	3000	4065	25-15/32"	647	1/2" BSPT / NPT	3/4"	6.2	90	453	16.0	104.52	7.12	22.80	50.27	1 / 1

Impact Socket & Wrench Set

○ 44506 MP
○ 44506 MP01 new
○ 44506 MP10

- 7 PC. 1/2" drive impact socket wrench set
  -5 PC. stubby socket 17~24mm
  -1 PC. impact wrench
  -1 PC. air inlet adaptor







Blow case size (mm) : 320 x 250 x 70

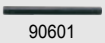
KT NO.	Contents					2.7	1 / 6
44506MP	○		4525M	17, 19, 21, 22, 24	 33451-045	 SY-221M(1/4"BSPT)	
44506MP01						 SY-211M(1/4"BSPT)	
44506MP10					 33451-046	 SY-231M(1/4"NPT)	

○ 44116 MP

- 21 PC. 1/2" drive impact socket wrench set
  -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



Blow case size (mm) : 315 x 250 x 120 (0.339 cuft)

KT NO.	Contents								6.1	1 / 4
44116MP	○		4535M	9, 10, 11, 13, 14, 17, 19, 22, 24, 27	 4260-05	 90601 90602	 90401 90402	 SY-221M (1/4"BSPT)		
	○		4415M	17, 19, 21	 4797	 33411-040				

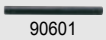
Impact Socket & Wrench Set

44118 MP

- 23 PC. 1/2" drive impact socket wrench set
  - -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



Blow case size (mm) : 420 x 315 x 100 (0.475 cuft)

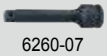
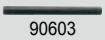
KT NO.	Contents								8.4	1 / 2
44118MP			4435M	10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 23, 24, 26, 27	 4260-03 4260-05  4797	 90601 90602  33411-040	 90401 90402	 SY-221M (1/4"BSPT)		

64111 MP

- 14 PC. 3/4" drive impact socket wrench set
  - -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



Blow case size (mm) : 420 x 315 x 100 (0.475 cuft)

KT NO.	Contents								10.8	1 / 2
64111MP			6535M	26, 27, 28, 30, 32, 35, 36, 38	 6260-07  6797	 90603  33621-075	 90404	 SY-221M (1/4"BSPT)		

Impact Socket & Wrench Set

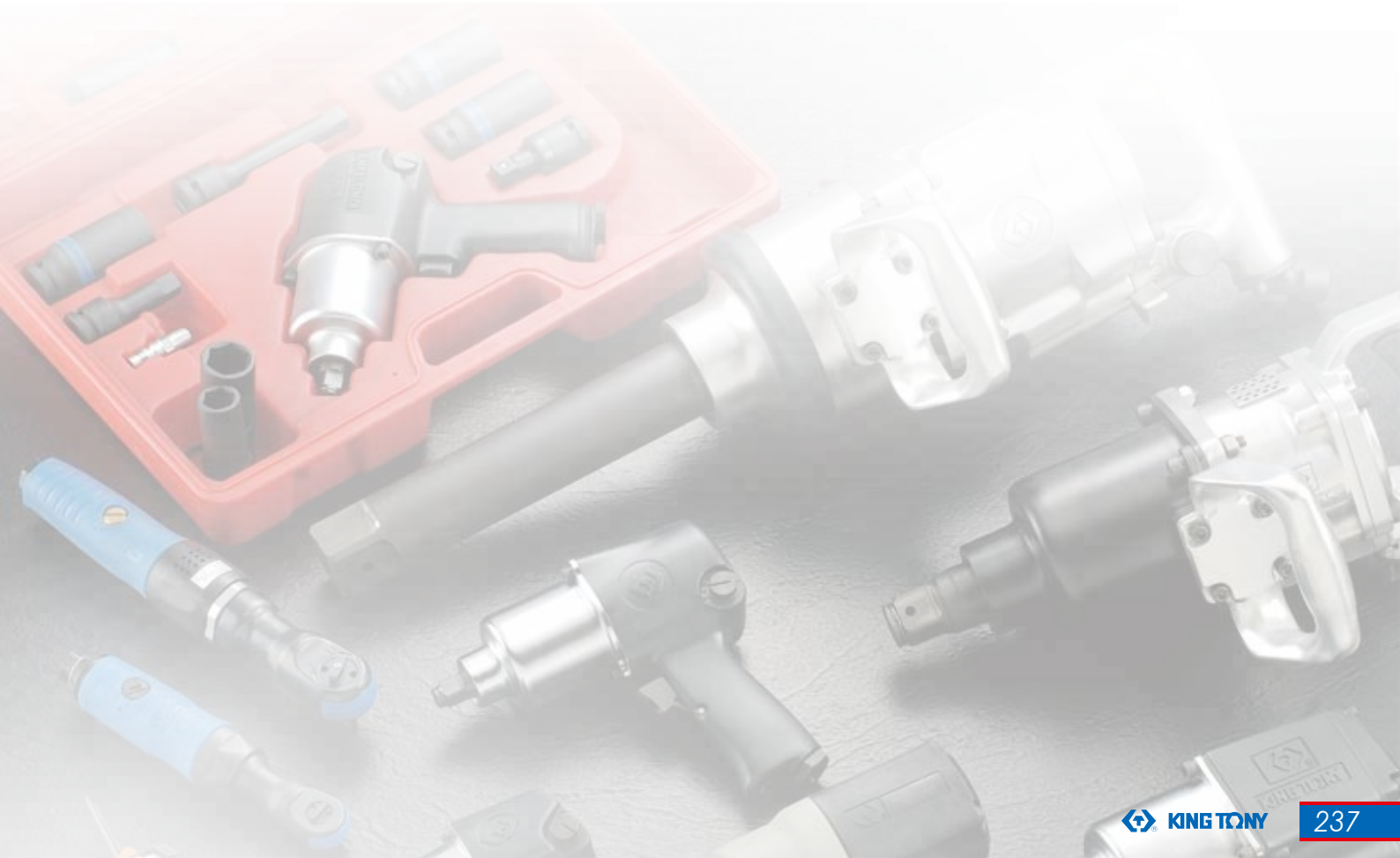
64115 MP

- 18 PC. 3/4" drive impact socket wrench set
  -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



Blow case size (mm) : 510 x 390 x 115 (0.822 cuft)

KT NO.	Contents				10.8	1 / 2
64115MP			6535M	24, 26, 27, 29, 30, 32, 33, 34, 35, 36, 38, 41	 6260-07  6797	90603  33621-075	 90404	 SY-221M (1/4"BSPT)

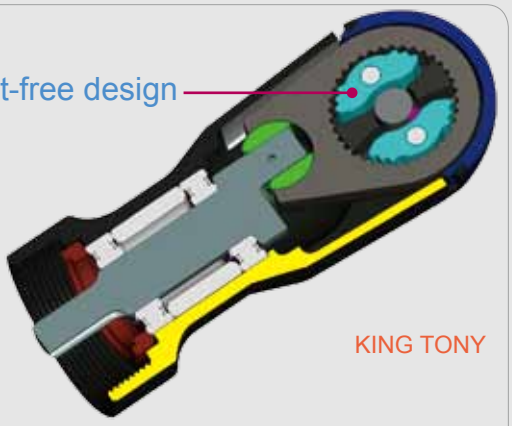


Air Ratchet Wrench

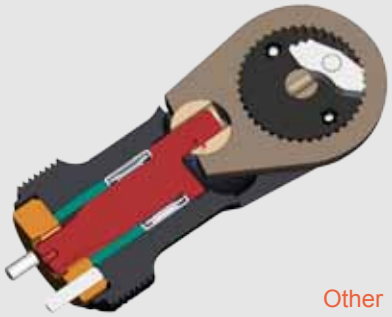


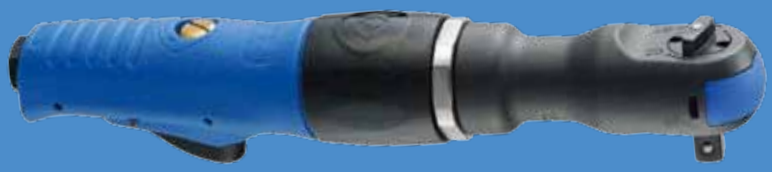


360° exhaust rotation direct air away from working area.



Unique head design: dust free and prevent deformation and triples the life of parts (37323, 37423)







The ergonomically enhanced composite handle grip with professional and super touch.



Regular



1. Dust-free design
2. Prevents deformation and triples the life of the parts.

Air Ratchet Wrench

37221 **37321**
37323 **37423**

- The ergonomically enhanced composite handle with professional and super touch
- 360° exhaust rotation direct air away from working area
- Unique head design: dust free and prevent deformation and triples the life of parts



37221-030, 37221-031, 37321-050, 37321-051



37323-080, 37323-081, 37423-080, 37423-081

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
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

37334 **37434**

- 360° exhaust rotation direct air away from working area
- Dust-free design of ratchet housing keeps away the dirt and other objects



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	
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" drive impact screwdriver



Mechanism-Hex.Twin Dog

KT NO.	Square drive inch	Square drive mm	Capacity Screw Size inch	Capacity Screw 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

Torque Control & Multipliers

- *Torque Wrench*
- *Interchangeable Torque Wrench*
- *Electronic Torque Wrench*
- *Electronic Torque Adapter*
- *Torque Screwdriver*
- *Torque Angle Guage & Multiplier*
- *Torque Tester*


KING TONY
Certificate of Calibration

Model : 34462-2DG
Serial No. : 0810600435
Wrench Capacity : 60-340
Units: Nm Date of Calibration: 2008/10/01

Set Point	(DW) ±4% Min.	Max	Readings			(CDW) ±8% Min.	Max	Readings		
60.0	65.3	70.7	67.9	68.0	68.0	63.9	72.1	68.9	68.8	68.8
204.0	195.8	212.2	201.4	201.6	202.1	191.8	216.2	207.5	206.0	206.7
340.0	326.4	353.6	336.0	336.8	337.3	319.6	360.4	341.3	339.3	341.0

Testing Standard No.: DIN-ISO6789
Testing is in compliance with Mechanical standards with test equipment and reference standards calibrated by a laboratory traceable to international standards.
Tester Model LU-001
Serial No. D007
Calibrated Accuracy of Testing equipment: +/-1.0%@20°C

Inspector Approval

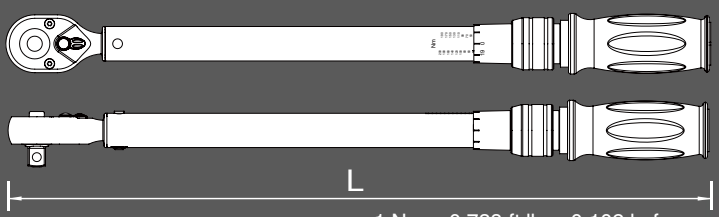
KING TONY TOOLS CO.,LTD.
customer service e-mail:
service@kingtony.com
http://www.kingtony.com

Calibration Certificate

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.



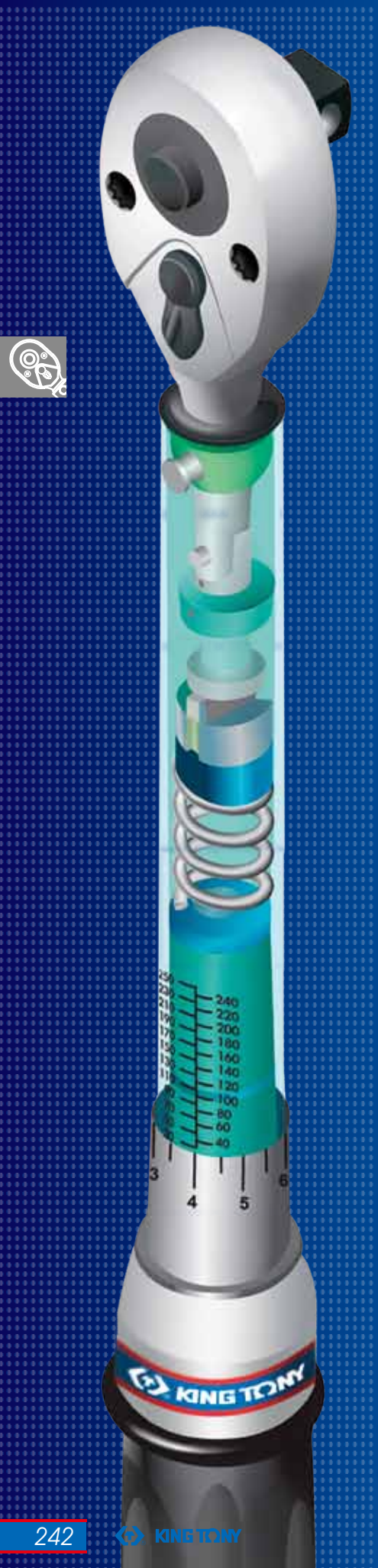
1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm


KING TONY
9TP11



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 extended working cycles.



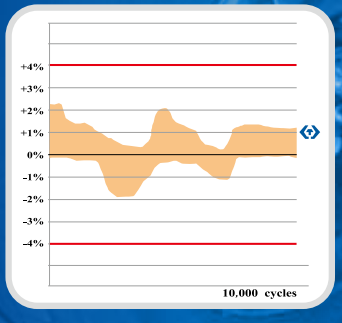
Frame:

• 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 B170.14M-2004" with ±4% tolerance and 5,000 cycles requirement.

Industry Quality Adjustable Torque Wrench

Design for easy torque-adjusting
Quality accords to DIN ISO 6789 & ASME B107.14M-2004
Tolerance of torque ±3%

62 SERIES



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 / 15
new 34462-4DG	32	1/2"	80~400 Nm	2 Nm	613	1800	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



- 34262-1DK
- 34362-1DK / • 34362-2DK
- 34462-1DK
- 34662-1DK / • 34662-3DK1
- 34862-1DK

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
new 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

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
34422-3GG	32	1/2"	200~1000 Kgf.cm	5 Kgf.cm	22.1~95.6 Nm	0.46 Nm	435	1300	1 / 12
34422-1GG	32	1/2"	400~2000 Kgf.cm	10 Kgf cm	44.1~191.2 Nm	0.46 Nm	521	1590	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

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.

Mini-type Industry Quality Torque Wrench

Industrial application
Quality accords to DIN ISO 6789 & ASME B107.14M-2004
Tolerance of torque ±3%

mini SERIES




3426C-1DK / 3426C-2DK


3436C-1DK / 3436C-2DK

Single scale - Newton Meter (Nm)

KT NO.	Square Drive	Torque Range Nm	Incr.	Overall Length mm	g	
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

Industry Quality Adjustable Torque Wrench

Design for easy torque-adjusting
Quality accords to DIN ISO 6789 & ASME B107.14M-2004
Tolerance of torque ±3%
CW/CCW Direction

62 SERIES


34862-2CG, 34862-2DF
34862-2EG, 34862-2FF


34862-2CF, 34862-2DG
34862-2EF, 34862-2FG
34862-2GG




34862-2DK

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	g	
34862-2CG	1"	200~1000 ft. lb.	5 ft. lb.	305~1322 Nm	6.8 Nm	1850	12200	1 / 2
34862-2CF	1"	200~1000 ft. lb.	5 ft. lb.	305~1322 Nm	6.8 Nm	1850	12200	1 / 2

Single scale - Newton Meter (Nm)

KT NO.	Square Drive	Torque Range Nm	Incr.	Overall Length mm	g	
34862-2DF	1"	300~1500 Nm	10 Nm	1850	12200	1 / 2
34862-2DG	1"	300~1500 Nm	10 Nm	1850	12200	1 / 2

Single scale - English (in.lb./ft.lb.)

KT NO.	Square Drive	Torque Range ft. lb.	Incr.	Overall Length mm	g	
34862-2EG	1"	200~1000 ft.lb.	5 ft.lb.	1850	12200	1 / 2
34862-2EF	1"	200~1000 ft.lb.	5 ft.lb.	1850	12200	1 / 2

Dual Scale - Newton Meter & English (Nm & ft. lb.)

KT NO.	Square Drive	Torque Range Nm	Incr.	Torque Range ft. lb.	Incr.	Overall Length mm	g	
34862-2FF	1"	300~1500 Nm	10 Nm	258~1070 ft. lb.	7.4ft. lb.	1850	12200	1 / 2
34862-2FG	1"	300~1500 Nm	10 Nm	258~1070 ft. lb.	7.4 ft. lb.	1850	12200	1 / 2

Dual Scale - Kilogram-force Centimeter & Newton Meter (kgf.cm & Nm)

KT NO.	Square Drive	Torque Range kgf.cm / kgf.m	Incr.	Torque Range Nm	Incr.	Overall Length mm	g	
34862-2GG	1"	30~150 Kgf.m	1 Kgf.m	343~1422 Nm	5 Nm	1850	12200	1 / 2

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.

72 Teeth Industry Quality Adjustable Torque Wrench

Colorful quick release button design
Fixed head version allows using in narrow spaces
Quality accords to DIN ISO 6789 & ASME B107.14M-2004
Tolerance of torque ±3%



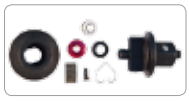
Single scale - Newton Meter (Nm)

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


• 3426A-1DK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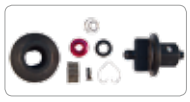

• 3436A-2DK







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.

Industry Quality Interchangeable Torque Wrench

Using standard insert head
Quality accords to DIN ISO 6789 & ASME B107.14M-2004
Positive button design which removes the insert head easily
Tolerance of torque ±3%



Dual Scale - English & Newton Meter (in. lb. / ft. lb. & Nm)

KT NO.	Size (mm)	Torque Range ft. lb.	Incr.	Torque Range Nm	Incr.	Total 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.	Total 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.	Total 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 ft. lb.	Incr.	Torque Range Nm	Incr.	Total 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.

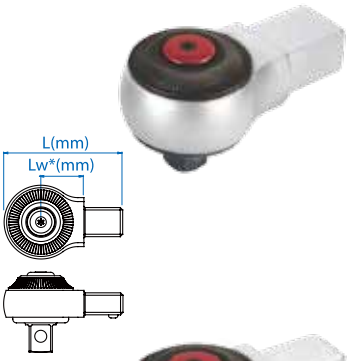
Insert Tool

• Chrome plated

345031

▪ Ratchet Insert tool

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	26	58	106	10 / 160



345032

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

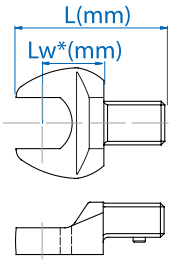


345011

▪ Open end Insert Tool

KT NO.	Size mm / inch	(mm)	Lw* (mm)	L (mm)	g	
34501107M	7	9 x 12	17	37	36	12 / 192
34501108M	8	9 x 12	17	37	37	12 / 192
34501109M	9	9 x 12	17	37	37	12 / 192
34501110M	10	9 x 12	17	38	41	12 / 192
34501111M	11	9 x 12	17	39	39	12 / 192
34501112M	12	9 x 12	17	39	40	12 / 192
34501113M	13	9 x 12	17	39	45	12 / 192
34501114M	14	9 x 12	20	43	54	12 / 192
34501115M	15	9 x 12	20	43	55	12 / 192
34501116M	16	9 x 12	20	43	57	12 / 192
34501117M	17	9 x 12	20	44	58	12 / 192
34501118M	18	9 x 12	20	45	59	12 / 192
34501119M	19	9 x 12	20	45	64	12 / 192
34501108S	1/4	9 x 12	17	37	36	12 / 192
34501110S	5/16	9 x 12	17	37	38	12 / 192
34501112S	3/8	9 x 12	17	38	39	12 / 192
34501114S	7/16	9 x 12	17	39	41	12 / 192
34501116S	1/2	9 x 12	17	39	43	12 / 192
34501118S	9/16	9 x 12	20	43	53	12 / 192
34501120S	5/8	9 x 12	20	43	57	12 / 192
34501122S	11/16	9 x 12	20	44	62	12 / 192
34501124S	3/4	9 x 12	20	45	65	12 / 192





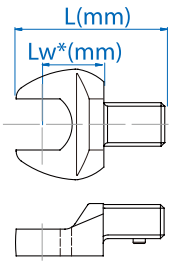
Insert Tool

• Chrome plated

345012

KT NO.	Size mm / inch	▭ (mm)	Lw* (mm)	L (mm)	g	
34501213M	13	14 x 18	25	58	117	12 / 192
34501214M	14	14 x 18	25	58	120	12 / 192
34501215M	15	14 x 18	25	58	116	12 / 192
34501216M	16	14 x 18	25	59	127	10 / 160
34501217M	17	14 x 18	25	60	138	10 / 160
34501218M	18	14 x 18	25	60	136	10 / 160
34501219M	19	14 x 18	25	61	140	10 / 160
34501221M	21	14 x 18	25	61	160	6 / 96
34501222M	22	14 x 18	25	62	162	6 / 96
34501223M	23	14 x 18	25	62	163	6 / 96
34501224M	24	14 x 18	25	63	168	6 / 96
34501225M	25	14 x 18	25	69	180	6 / 96
34501226M	26	14 x 18	30	69	210	6 / 96
34501227M	27	14 x 18	32.5	69	239	6 / 96
34501230M	30	14 x 18	32.5	70	249	6 / 96
34501232M	32	14 x 18	32.5	73	248	6 / 72
34501234M	34	14 x 18	32.5	74	252	6 / 72
34501236M	36	14 x 18	32.5	75	244	6 / 72
34501238M	38	14 x 18	32.5	74	229	6 / 72
34501240M	40	14 x 18	37	80	280	6 / 72
34501241M	41	14 x 18	40	80	315	6 / 72
new 34501216S	1/2	14 x 18	25	58	117	12 / 192
new 34501218S	9/16	14 x 18	25	58	120	12 / 192
new 34501220S	5/8	14 x 18	25	59	127	10 / 160
new 34501222S	11/16	14 x 18	25	60	138	10 / 160
new 34501224S	3/4	14 x 18	25	61	140	10 / 160
new 34501226S	13/16	14 x 18	25	61	160	6 / 96
new 34501228S	7/8	14 x 18	25	62	162	6 / 96
new 34501230S	15/16	14 x 18	25	63	168	6 / 96
new 34501232S	1	14 x 18	25	69	180	6 / 96
new 34501236S	1-1/8	14 x 18	32.5	70	249	6 / 96
new 34501240S	1-1/4	14 x 18	32.5	73	248	6 / 96
new 34501248S	1-1/2	14 x 18	32.5	74	229	6 / 96



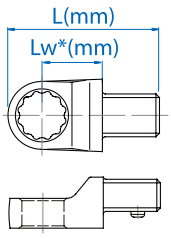


345021

▪ Ring Insert tool

KT NO.	Size mm / inch	▭ (mm)	Lw* (mm)	L (mm)	g	
34502107M	7	9 x 12	17.5	39	37	12 / 288
34502108M	8	9 x 12	17.5	40	36	12 / 288
34502110M	10	9 x 12	17.5	41	39	12 / 288
34502111M	11	9 x 12	17.5	43	42	12 / 288
34502112M	12	9 x 12	17.5	43	51	12 / 288
34502113M	13	9 x 12	17.5	44	51	12 / 288
34502114M	14	9 x 12	17.5	45	52	12 / 288
34502115M	15	9 x 12	17.5	45	53	12 / 288
34502116M	16	9 x 12	17.5	46	56	12 / 288
34502117M	17	9 x 12	17.5	47	55	12 / 192
34502118M	18	9 x 12	17.5	47	60	12 / 192
34502119M	19	9 x 12	17.5	49	63	12 / 192
34502121M	21	9 x 12	17.5	50	68	12 / 192
34502122M	22	9 x 12	17.5	51	70	12 / 192
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





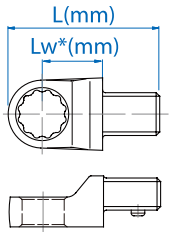
Insert Tool

• Chrome plated

345022

KT NO.	Size mm	(mm)	Lw* (mm)	L (mm)	g	
34502213M	13	14 x 18	25	62	129	12 / 192
34502214M	14	14 x 18	25	63	132	12 / 192
34502215M	15	14 x 18	25	63	132	12 / 192
34502216M	16	14 x 18	25	63	137	12 / 192
34502217M	17	14 x 18	25	65	141	12 / 192
34502218M	18	14 x 18	25	65	138	10 / 160
34502219M	19	14 x 18	25	66	144	10 / 160
34502221M	21	14 x 18	25	67	151	10 / 160
34502222M	22	14 x 18	25	68	156	6 / 96
34502224M	24	14 x 18	25	69	161	6 / 96
34502227M	27	14 x 18	32.5	78	204	6 / 96
34502230M	30	14 x 18	32.5	79	204	6 / 96
34502232M	32	14 x 18	32.5	81	213	6 / 96
34502234M	34	14 x 18	32.5	82	225	6 / 90
34502236M	36	14 x 18	32.5	83	230	6 / 90
34502241M	41	14 x 18	40	86	235	6 / 90





Interchangeable Torque Wrench Set

34510

34520



KT NO.	mm	Contents						kg	
345102D08MR	9 x 12		34512-2DG		34503102R	345011M	345021M	1.3	1 / 18
345104D08MR			34512-4DG		34503103R			1.3	1 / 18
345101E08MR			34512-1EG		34503102R			1.2	1 / 18
345102E08MR			34512-2EG		34503102R	10, 13, 17	10, 13, 17	1.3	1 / 18

KT NO.	mm	Contents						kg	
345201D11MR	14 x 18		34522-1DG		34503203R		13, 14, 15, 17, 19, 22, 24, 27, 30	3.7	1 / 6
345202D11MR			34522-2DG		34503204R			3.8	1 / 6
345203D11MR			34522-3DG		34503204R			4	1 / 6
345201E11MR			34522-1EG		34503203R			3.7	1 / 6
345202E11MR			34522-2EG		34503204R	345012M		3.8	1 / 6
345203E11MR			34522-3EG		34503204R			4	1 / 6

Classic Type Professional Quality Adjustable Torque Wrench

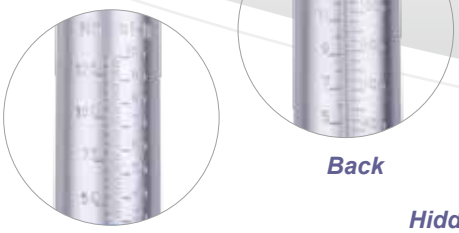
Design for easy torque-adjusting
Quality accords to DIN ISO 6789 & ASME B107.14M-2004
Tolerance of torque ±4%
CW/CCW Direction

GE SERIES

Push through mechanism for easy repair



Four torque sizes for easy scale reading



Front

Back

Hidden Rocker-Arm Design: Pull out the rocker-arm, turn to 90° and stress clockwise for adjusting the requested torque value.



Step:





3436E-1DK
3446E-1DK

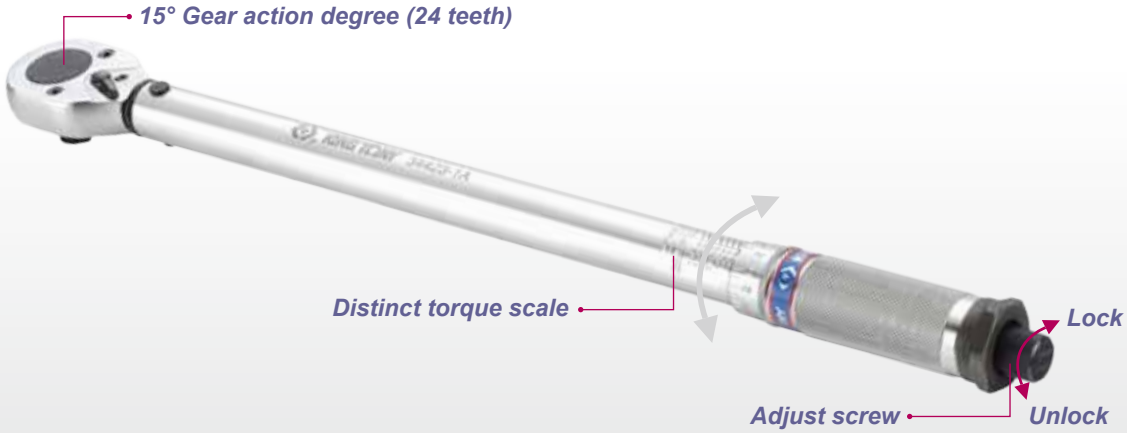
Dual Scale - English & Newton Meter (in. lb. / ft. lb. & Nm / kg-m)

KT NO.	Square Drive	Torque Range				Total Length mm	g	
		Nm	ft. lb.	in. lb.	kg.m			
new 3426E-1HG	1/4"	2.5~11 Nm	2~8 ft. lb.	20~100 in. lb	0.3~1.2 kgf.m	320	750	1 / 12
3436E-1HG	3/8"	2.5~11 Nm	2~8 ft. lb.	20~100 in. lb	0.3~1.2 kgf.m	338	600	1 / 24
3436E-2HG	3/8"	5~33 Nm	4~24 ft. lb.	40~300 in. lb	0.5~3.4 kgf.m	425	750	1 / 24
3436E-3HG	3/8"	12~68 Nm	10~50 ft. lb.	100~600 in. lb	1.2~7 kgf.m	500	1050	1 / 24
3446E-1HG	1/2"	25~135 Nm	20~100 ft. lb.	200~1200 in. lb.	3~14 kgf.m	556	1600	1 / 12
3446E-2HG	1/2"	50~225 Nm	40~160 ft. lb.	400~2000 in. lb.	5~23 kgf.m	600	2300	1 / 12
3446E-3HG	1/2"	70~330 Nm	50~250 ft. lb.	600~3000 in. lb.	7~35 kgf.m	805	3150	1 / 6
new 3466E-1HG	3/4"	140~500 Nm	100~410 ft. lb.	1200~5000 in. lb.	14~57 kgf.m	1130	6580	1 / 2
new 3466E-2HG	3/4"	200~800 Nm	150~600 ft. lb.	1800~7200 in. lb.	22~82 kgf.m	1180	7000	1 / 2

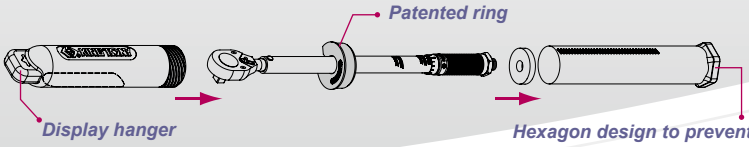
Professional Quality Adjustable Torque Wrench

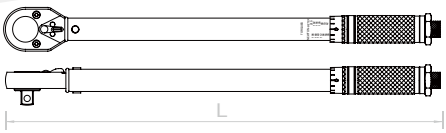
Quality accords to DIN ISO 6789 & ASME B107.14M-2004
Tolerance of torque ±4%

23 SERIES



Recyclable cylindrical package





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.	Total 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	1 Nm	5.1~35.7 kgf.m	0.1 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.	Total 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 & Newton Meter (in. lb. / ft. lb. & Nm)

KT NO.	Square Drive	Torque Range in. lb. / ft. lb.	Incr.	Torque Range kgf.cm / kgf.m	Incr.	Total 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.	6.8~108.5Nm	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)
• 34423-2DK01(45T)

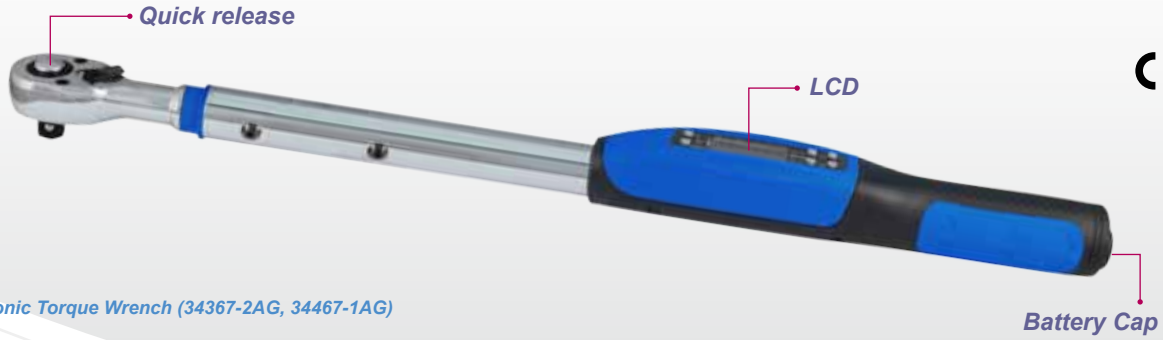
CAUTION

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.



Electronic Torque Wrench

Electronic torque value readout
CW +/- 2% and CCW +/- 3% operation
DIN ISO 6789-2003 & ASME B107.28-2005
Peak hold and track mode selectable
Buzzer and LED indicator for presettable target torque
Engineering units (Nm, ft.lb, in.lb, kgf.cm,kgf.m) adjustable
Auto shut off after about 80 seconds
Angle accuracy (34387/34487)



Electronic Torque Wrench (34367-2AG, 34467-1AG)



Electronic Torque Angle-controlled Wrench (34387-2AG, 34487-1AG)



Torque Accuracy	CW ± 2% CCW ± 3%
Memory	50
Display resolution	0.1 Nm/ft.lb. ,0.01 kgf.m, 1.0 lb.in/ kg.cm
Operation Mode	Peak/Track
Unit Selection	kg.cm, kg.m, lb.in, lb.ft, Nm
Gear Teeth	36
Buttons	6
Battery	AAA x 3
Battery Life	110 hrs (continuous operation)
Operating Ambient Temperature	-10ºC- 60ºC (13.9ºF-139.9ºF)
Storage Temperature	-20ºC-70ºC (-4ºF-157.9ºF)
Operating relative humidity	15 to 90% noncondensing
Auto shut off	80 seconds (if do not use ratchet.)
Angle Accuracy	(±1% of reading)+(±1%@angular velocity >10º/sec < 180º/sec)+ (±1% of Text Texture)
Angle	0º~360º (34387-2AG,34487-1AG)

KT NO.	Square Drive	Torque Range					Total Length mm		
		Nm	ft. lb.	in. lb.	kg.cm	kg.m			
34367-2AG	3/8"	27-135 Nm	19.9-99.6 ft. lb.	239~1195 in. lb.	275~1376 kgf.cm	2.75~13.76 kgf.m	460	1400	1 / 6
34467-1AG	1/2"	40-200 Nm	29.5-147.5 ft. lb.	354~1770in. lb.	408~2038 kgf.cm	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.	275~1376 kgf.cm	2.75~13.76 kgf.m	460	1400	1 / 6
34487-1AG	1/2"	40-200 Nm	29.5-147.5 ft. lb.	354~1770in. lb.	408~2038 kgf.cm	4.08~20.38 kgf.m	530	1500	1 / 6

CAUTION

1. Do not press "M" and " ⏻ " button together please.
2. The system will enter into calibration mode.
3. Tun off power please.

Electronic Torque Adapter

34207-1A 34307-1A 34407-1A



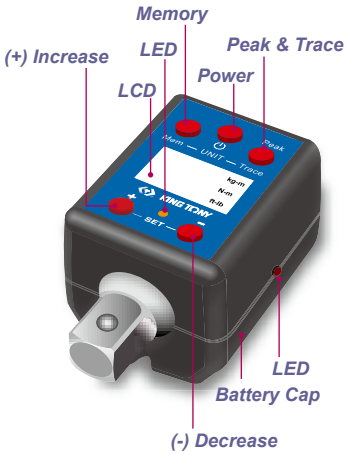


▪ Important Safeguards

Accuracy	±2%
Memory	50
Display resolution	0.1 Nm /ft.lb. ,0.01 kgf.m
Operation Mode	Peak/Track
Unit Selection	kgf.m , ft.lb. , Nm
Battery	CR2032 x 1 pcs
Battery Life	110hrs (continuous operation)
Operating Ambient Temperature	-10ºC - 60ºC (13.9ºF - 139.9ºF)
Storage Temperature	-20ºC - 70ºC (-4ºF - 157.9ºF)
Operating relative humidity	15 to 90% noncondensing
Auto shut off	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.)

KT NO.	Square Drive	Torque Range Nm	Torque Range ft. lb.	Total Length kgf.m	Size mm	g	
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





▪ Product Specifications:

Accuracy	±2%
Memory	50
Display resolution	0.1 Nm /ft.lb. ,0.01 kgf.m
Operation Mode	Peak/Track
Unit Selection	kgf.m , ft.lb. , Nm
Battery	AA x 2 pcs
Battery Life	110hrs (continuous operation)
Operating Ambient Temperature	-10ºC - 60ºC (13.9ºF - 139.9ºF)
Storage Temperature	-20ºC - 70ºC (-4ºF - 157.9ºF)
Operating relative humidity	15 to 90% noncondensing
Auto shut off	80 seconds (if do not use electronic torque adapter.)
LED indicator	Green. Yellow. Red
Overload Alarm	625 Nm (461 ft.lb.)

KT NO.	Square Drive	Torque Range Nm	Torque Range ft. lb.	Total Length kgf.m	Size mm	g	
34607-1A	3/4"	100 ~500 Nm	73.8~368.8 .ft.lb.	10.19~50.95 kgf.m	L110 x W56	585	6 / 24

CAUTION

1. Do not press "M" and " ⏻ " button together please.
2. The system will enter into calibration mode.
3. Tun off power please.

A/C & Refrigeration Service Tools & Set

3411

- CRV-open end series
- Unique design of head to prevent slipping of the nut while use
- Tolerance of torque ±4%
- The customization for the torque setting





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
3411B5-29M	29	115	310	5/8"	570	1 / 20

3411003MR



KT NO.	Contents		kg 3.29	1 / 5
3411003MR		3411	17, 22, 26, 29	

Torque Screwdriver

34111

- Tolerance of torque ±5% quality meets DIN ISO 6789 & ASME B107.14M-2004
- 6.3mm (1/4") Hex driver for bit
- Automatic adjustment knob design
- Easy-to-read laser scale
- Ergonomic comfort rubber grip



KT NO.	Size	Torque Range cNm / Nm / in-lb	Incr.	Total Length (mm)	g	
34111-1DG	1/4"	10~120 cNm	1 cNm	180	207	1 / 24
34111-1EG	1/4"	3~15 in-lb	0.1 in-lb	180	207	1 / 24
34111-2DG	1/4"	1~6 Nm	0.1 Nm	248	475	1 / 24
34111-2EG	1/4"	10~50 in-lb	0.5 in-lb	248	475	1 / 24

Torque Angle Gauge

■ 34440 ■ 34660

- 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 allow operator to accurately tighten fixing to manufacturers exact standard





34440



34660

KT NO.	Spec.	g	
34440	1/2"Fx1/2"M	190	1 / 20
34660	3/4"Fx3/4"M	623	1 / 10

Torque Multiplier

■ 34486 new
■ 34488 new
■ 34688

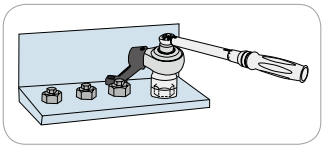
- Torque multiplication with 5:1, accuracy guaranteed better than ±5%
- Reaction bar supplied in two styles for maximum versatility
- Ideal construction offers minimal maintenance and extended life
- Portable package brings convenience for use in different working places

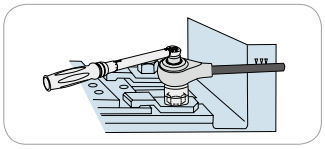


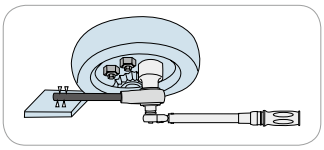


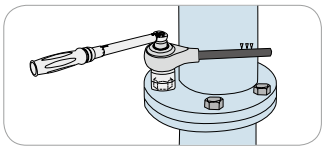




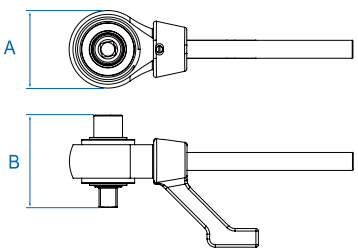








Contents		
		
34486-05A 34488-05A 34688-05A	34688-P01	34688-P02
Multiplierhead 1 pc	Reaction bar 2 pc	



KT NO.	Ratio	Input Square	Output Square	Max Input Torque Nm / Ft.lb	Max Output Torque Nm / Ft.lb	A (mm)	B (mm)	kg	
34486	5:1	1/2"	3/4"	300 / 220	1500 / 1100	108	128.1	7	1 / 2
34488	5:1	1/2"	1"	400 / 290	2000 / 1450	108	128.1	7.4	1 / 2
34688	5:1	3/4"	1"	540 / 400	2700 / 2000	108	128.1	7.4	1 / 2

Professional Torque Tester

ZV001

▪ Features:

Calibration range	40~400 Nm
Display	5 effective digits max.
Accuracy	±1%
Units of measurement	Lb-in, Lb-ft, Kg-cm, Nm
Operating temperature Range	+5°C~+40°C
Storage temperature range	0°C~+50°C
Max. operating humidity	25~85 % RH
Power Supply	90~260 Volts a.c. at 50-60 Hz input.
Power consumption	Less than 1.5 W
Power cable	1800 mm
Base materials/ Finish	Aluminum Alloy/ Anodization
Dimensions	820(L)x450(W)x380(H) mm
PC conection	RS 232



KT NO.	kg	
ZV001	36.3	1 / 1

ZV004

new

▪ Features:

Calibration range	3~30 Nm
Display	5 effective digits max.
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-cm, Nm
Operating temperature Range	+5°C~+40°C
Storage temperature range	0°C~+50°C
Max. operating humidity	25~85 % RH
Power Supply	90~260 Volts a.c. at 50-60 Hz input.
Power consumption	Less than 1.5 Watt
Power cable	1800 mm
Base materials/ Finish	Aluminum Alloy/ Anodization
Dimensions	560(L)x250(W)x180(H) mm
PC conection	RS 232



KT NO.	kg	
ZV004	13.12	1 / 1



Notes

Wrenches

- Combination Wrench
- Open End Wrench
- Offset Ring Wrench
- Star Box End Wrench
- Flare Nut Wrench
- Flexible Crow Foot & Ring Socket Wrench
- Swivel Head Socket Wrench
- Slogging Wrench
- Heavy Duty Wrench
- Speed Wrench
- Angled Socket Wrench
- Adjustable Wrench
- Pipe Wrench
- Special Purpose Wrench
- Wheel Nut Wrench
- T-Type Wrench
- T-Type Socket Wrench

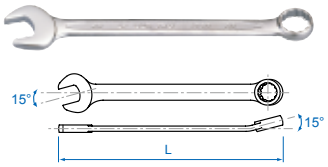




Combination Wrench

8781007KT applied to 1060-55 ~1060-12 , 5060-08 ~ 5060-16
8781013KT applied to 1060-13 ~1060-23 , 5060-18 ~ 5060-28
8781032KT applied to 1060-24 ~1060-32 , 5060-30 ~ 5060-40

1060
5060

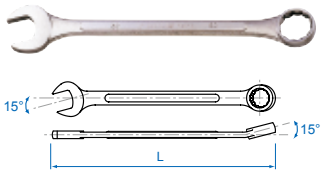


- European slimline type
- 15° open end angle
- 15° ring end offset from shaft
- Chrome vanadium steel
- Chrome plated
- Metric size-DIN3113, ISO7738
- Inch size-ANSI/ASME B107.6

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
- Medium carbon steel
- Polished, chrome plated
- Metric size-DIN3113, ISO7738
- Inch size-ANSI/ASME B107.6

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 (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

1207	MR SR	
1208	MR	
1210	MR	
1211	MR SR SR01 SR02	
1212	MR	
1214	MR MR01 SR SR01	
1215	MR MR01 MR02	new
1216	SR	

KT NO.	PC./SET	Contents	0.60	1 / 30
1207MR	7	10, 11, 12, 13, 14, 17, 19		
1207SR	7	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4		

KT NO.	PC./SET	Contents	0.65	1 / 24
1208MR	8	10, 11, 12, 13, 14, 17, 19, 22		

KT NO.	PC./SET	Contents	1.38	1 / 16
1210MR	10	8, 10, 12, 13, 14, 17, 19, 21, 22, 24		

KT NO.	PC./SET	Contents	1.4	1 / 16
1211MR	11	8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24		
1211SR	11	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 15/16		
1211SR01	11	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 1		
1211SR02	11	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 1		

KT NO.	PC./SET	Contents	1.03	1 / 16
1212MR	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22		

KT NO.	PC./SET	Contents	2.70	1 / 8
1214MR	14	10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30, 32		
1214SR	14	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	14	10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32		

KT NO.	PC./SET	Contents	3.23	1 / 8
1214SR01	14	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4		

KT NO.	PC./SET	Contents	1.63	1 / 12
1215MR	14	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24		
1215MR01	14	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24		

KT NO.	PC./SET	Contents	2.92	1 / 8
new 1215MR02	15	6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32		

KT NO.	PC./SET	Contents	3.44	1 / 8
1216SR	16	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4		

►Nylon pouch



1207MR / SR



1208MR



1210MR



1211MR / SR / SR01 / SR02



1212MR



1214MR / MR01 / SR / SR01
1215MR / MR01



1215MR02



1216SR

Combination Wrench Set

1218 MR01

KT NO.	PC./SET	Contents	2.50	1 / 9
1218MR01	18	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24		

1226 MR

KT NO.	PC./SET	Contents	5.30	1 / 4
1226MR	26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32		

▶Nylon pouch



1218MR01



1226MR

1211 MRN
1214 MRN01 SRN01
1215 MRN01

KT NO.	PC./SET	Contents	1.4	1 / 16
1211MRN	11	8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24		

KT NO.	PC./SET	Contents	2.70	1 / 8
1214MRN01	14	10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32		

KT NO.	PC./SET	Contents	3.54	1 / 8
new 1214SRN01	14	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4		

KT NO.	PC./SET	Contents	1.63	1 / 12
1215MRN01	14	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24		

KT NO.	PC./SET	Contents	2.50	1 / 9
1218MRN	18	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24		

KT NO.	PC./SET	Contents	5.30	1 / 4
1226MRN	26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32		

KT NO.	PC./SET	Contents	8.87	1 / 2
1296MRN	6	34, 36, 38, 41, 46, 50		

1218 MRN
1226 MRN
1296 MRN

▶Tetoron pouch



1211MRN



1214MRN01 / SRN01



1215MRN01



1218MRN



1226MRN

▶Jumbo type (1071)



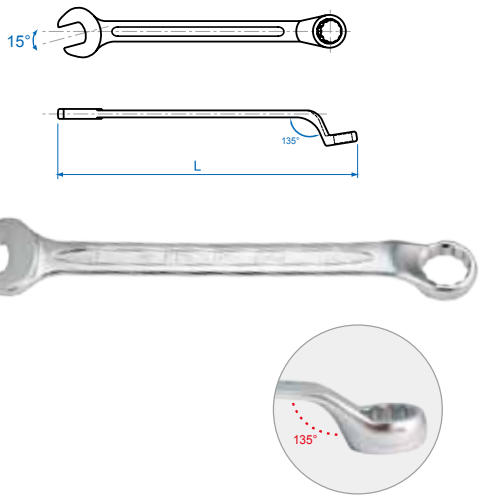
1296MRN

Offset Combination Wrench & Set

1063
5063

- Chrome vanadium steel
- Chrome plated
- Metric size DIN3113 / ISO 7738 / ISO 3318

KT NO.	Size (mm) (inch)	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
5063-14	7/16	160	59	20 / 320
5063-16	1/2	180	78	20 / 240
5063-18	9/16	190	103	15 / 240



1271 MR new
1272 MR MR01 new

KT NO.	PC./SET	Contents	kg 1.16	/ 1 / 15
new 1271MR	11	6, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22		

KT NO.	PC./SET	Contents	kg 1.21	/ 1 / 15
1272MR	12	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22		

KT NO.	PC./SET	Contents	kg 1.38	/ 1 / 9
new 1272MR01	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22		

KT NO.	PC./SET	Contents	kg 3.18	/ 1 / 8
new 1275MR	15	6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32		

1275 MR new



1271MR



1272MR



1272MR01



1275MR

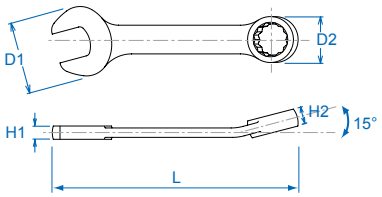
Stubby Combination Wrench & Set

10D0

short pattern

- Chrome vanadium alloy steel.
- Short pattern design enables greater access in confined spaces.
- Metric size - 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

1282 MR



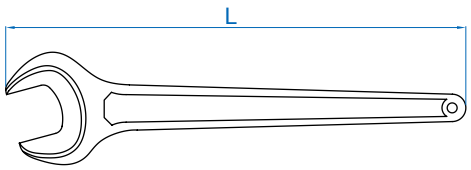
KT NO.	PC./SET	Contents	kg 1.03	1 / 24
1282MR	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		

Single Open End Wrench

10F0

- Chrome vanadium steel
- Finished with phosphate sunk
- DIN 894





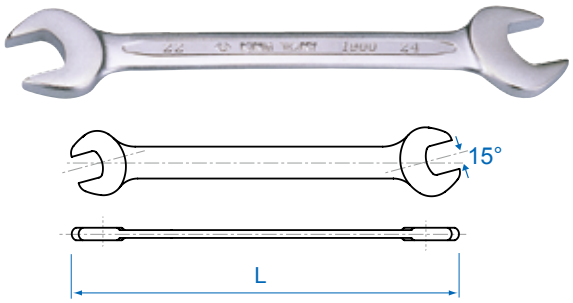
KT NO.	Size (mm)	L (mm)	g	
10F0-17P	17	178	107	6 / 72
10F0-19P	19	178	107	6 / 72
10F0-21P	21	203	161	6 / 72
10F0-22P	22	203	161	6 / 72
10F0-23P	23	220	203	6 / 72
10F0-24P	24	220	203	6 / 72
10F0-26P	26	240	290	6 / 72
10F0-27P	27	240	290	6 / 72
10F0-29P	29	267	341	6 / 60
10F0-30P	30	272	335	6 / 60
10F0-32P	32	285	410	6 / 60
10F0-36P	36	317	556	6 / 24
10F0-38P	38	320	740	6 / 24
10F0-41P	41	340	875	5 / 20
10F0-46P	46	395	1060	4 / 16
10F0-50P	50	425	1402	2 / 16
10F0-55P	55	425	1403	2 / 12
10F0-60P	60	470	2544	1 / 10
10F0-65P	65	470	2441	1 / 8
10F0-70P	70	500	3457	1 / 5
10F0-75P	75	500	3333	1 / 5

Open End Wrench

1900
5900

- European slimline type
- 15° open end angle
- Chrome vanadium steel
- Chrome plated
- Metric size-DIN3110
- Inch size-ANSI / ASME B107.6

8781007KT applied to 1900-5507 ~1900-1213 , 5900-0810 ~ 5900-1416
8781013KT applied to 1900-1214 ~1900-2224 , 5900-1820 ~ 5900-2628
8781032KT applied to 1900-2326 ~1900-3032 , 5900-3032 ~ 5900-3640



KT NO.	Size (mm)	L (mm)	g	
19005507	5.5 x 7	123	28	12 / 576
19000607	6 x 7	123	28	12 / 576
19000708	7 x 8	140	36	12 / 576
19000809	8 x 9	140	39	12 / 576
19000810	8 x 10	140	38	12 / 576
19000911	9 x 11	156	55	12 / 288
19001011	10 x 11	156	65	12 / 288
19001012	10 x 12	156	65	12 / 288
19001113	11 x 13	172	78	12 / 288
19001213	12 x 13	172	86	12 / 288
19001214	12 x 14	172	78	12 / 288
19001314	13 x 14	172	78	12 / 288
19001317	13 x 17	195	124	12 / 192
19001415	14 x 15	188.5	114	12 / 192
19001417	14 x 17	195	146	12 / 192
19001617	16 x 17	204	146	12 / 192
19001618	16 x 18	221	165	12 / 144
19001719	17 x 19	221	177	12 / 144
19001819	18 x 19	221	178	12 / 144
19001921	19 x 21	237	210	12 / 144
19001922	19 x 22	237	210	12 / 144
19002022	20 x 22	237	210	12 / 144
19002123	21 x 23	247	258	6 / 72
19002224	22 x 24	247	258	6 / 72
19002326	23 x 26	263	281	6 / 72
19002426	24 x 26	263	281	6 / 72
19002427	24 x 27	263	326	6 / 72
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
19003436	34 x 36	351	723	5 / 30
19004146	41 x 46	430	1395	4 / 16

KT NO.	Size (inch)	L (mm)	g	
59000810	1/4 x 5/16	123	28	12 / 576
59001012	5/16 x 3/8	140	39	12 / 576
59001214	3/8 x 7/16	156	65	12 / 288
59001416	7/16 x 1/2	172	78	12 / 288
59001618	1/2 x 9/16	172	78	12 / 288
59001820	9/16 x 5/8	188.5	114	12 / 192
59002022	5/8 x 11/16	204	146	12 / 192
59002224	11/16 x 3/4	221	177	12 / 144
59002628	13/16 x 7/8	237	210	12 / 144
59003032	15/16 x 1	247	258	6 / 72
59003034	15/16 x 1-1/16	263	281	6 / 72
59003236	1 x 1-1/8	279	373	6 / 48
59003640	1-1/8 x 1-1/4	298	481	6 / 48

Open End Wrench Set

1105 MR

1108 MR SR

1110 MR SR

1112 MR SR MRN

KT NO.	PC./SET	Contents	0.5	1 / 24
1105MR	5	8 x 10, 10 x 12, 11 x 13, 12 x 14, 13 x 17		

KT NO.	PC./SET	Contents	0.91	1 / 24
1108MR	8	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22		
1108SR	8	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		

KT NO.	PC./SET	Contents	1.67	1 / 16
1110MR	10	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 24 x 27, 25 x 28		
1110SR	10	1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8, 15/16 x 1-1/16, 1 x 1-1/8		

KT NO.	PC./SET	Contents	2.35	1 / 10
1112MR	12	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 25 x 28, 30 x 32		
1112MRN	12	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 25 x 28, 30 x 32		
1112SR	12	1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8, 15/16 x 1, 15/16 x 1-1/16, 1 x 1-1/8, 1-1/8 x 1-1/4		

▶Nylon pouch



1105MR



1108MR / SR



1110MR / SR



1112MR / SR

▶Tetoron pouch



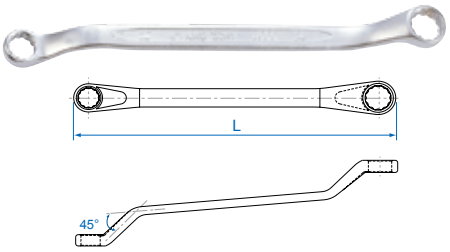
1112MRN

45° Offset Ring Wrench Set

1960

5960

- 45° deep ring offset
- Thin wall rings
- Chrome vanadium 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	380	580	6 / 36
19603032	30 x 32	380	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

1606 MR

1609 MR

KT NO.	PC./SET	Contents	kg 1.6	1 / 16
1606MR	6	10 x 12, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 23 x 26		

KT NO.	PC./SET	Contents	kg 1.93	1 / 8
1609MR	9	8 x 9, 10 x 12, 11 x 13, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 22 x 24, 23 x 26		



1606MR

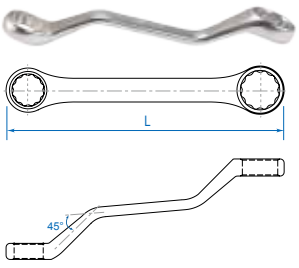


1609MR

1961

- Mini type
- 45° deep ring offset
- 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



1626 MR

KT NO.	PC./SET	Contents	kg 0.53	1 / 24
1626MR	6	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19		



1626MR

75° Offset Ring Wrench Set

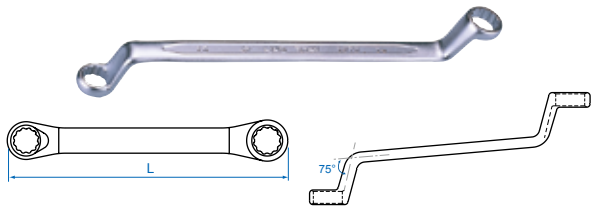
1970

- European slimline type
- 75° deep ring offset
- Thin wall rings

5970

- Chrome vanadium steel
- Chrome plated

- Metric size-DIN838
- Inch size-ANSI / ASME B107.6



KT NO.	Size (mm)	L (mm)	g	
19700607	6 x 7	168	43	12 / 360
19700809	8 x 9	183	62	12 / 360
19700810	8 x 10	183	62	12 / 360
19701011	10 x 11	198	88	12 / 240
19701012	10 x 12	198	88	12 / 240
19701113	11 x 13	217	131	12 / 144
19701213	12 x 13	217	131	12 / 144
19701214	12 x 14	217	131	12 / 144
19701314	13 x 14	217	131	12 / 144
19701415	14 x 15	239	152	12 / 144
19701417	14 x 17	260	186	6 / 96
19701617	16 x 17	260	189	6 / 96
19701719	17 x 19	292	240	6 / 72
19701819	18 x 19	292	240	6 / 72
19701921	19 x 21	318	330	6 / 60
19702022	20 x 22	318	330	6 / 60
19702123	21 x 23	326.5	362	6 / 60
19702224	22 x 24	326	362	6 / 60
19702326	23 x 26	344	436	6 / 48
19702426	24 x 26	329	436	6 / 48
19702427	24 x 27	329	436	6 / 48
19702528	25 x 28	347	488	6 / 48
19703032	30 x 32	362	600	6 / 36

KT NO.	Size (inch)	L (mm)	g	
59700810	1/4 x 5/16	168	43	12 / 360
59701012	5/16 x 3/8	183	62	12 / 360
59701214	3/8 x 7/16	198	88	12 / 240
59701416	7/16 x 1/2	217	131	12 / 144
59701618	1/2 x 9/16	217	134	12 / 144
59701820	9/16 x 5/8	260	152	12 / 96
59702022	5/8 x 11/16	260	189	6 / 96
59702224	11/16 x 3/4	292	240	6 / 96
59702428	3/4 x 7/8	318	330	6 / 60
59702628	13/16 x 7/8	326.5	330	6 / 60
59703032	15/16 x 1	329	436	6 / 48
59703436	1-1/16 x 1-1/8	347	488	6 / 48
59703640	1-1/8 x 1-1/4	365	679	6 / 48

1706 MR
1707 SR
1708 MR MR01
1710 MR
1712 MR MRN

KT NO.	PC./SET	Contents	kg 0.80	1 / 24
1706MR	6	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17		

KT NO.	PC./SET	Contents	kg 2.00	1 / 12
1707SR	7	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		

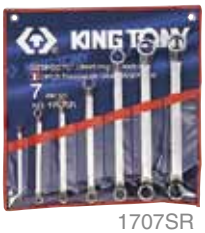
KT NO.	PC./SET	Contents	kg 1.52	1 / 12
1708MR	8	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 21 x 23		
new 1708MR01	8	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22		

KT NO.	PC./SET	Contents	kg 2.60	1 / 8
1710MR	10	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 21 x 23, 24 x 27, 30 x 32		

KT NO.	PC./SET	Contents	kg 3.32	1 / 6
1712MR	12	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 30 x 32		
1712MRN	12	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 30 x 32		

▶Nylon pouch


1706MR


1707SR


1708MR


1708MR01


1710MR


1712MR

▶Tetoron pouch

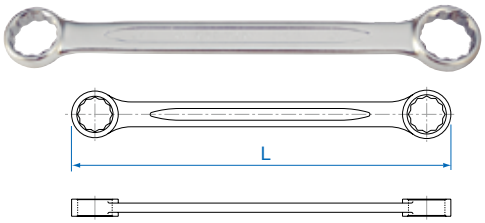

1712MRN

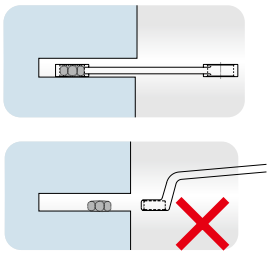
Straight Ring Wrench & Set

19C0

- Thin wall rings
- Chrome vanadium steel
- Chrome plated
- Metric size-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





1C08 MR

KT NO.	PC./SET	Contents	kg 0.79	1 / 24
1C08MR	8	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22		

1C12 MR

KT NO.	PC./SET	Contents	kg 2.23	1 / 12
1C12MR	12	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 30 x 32		



1C08MR



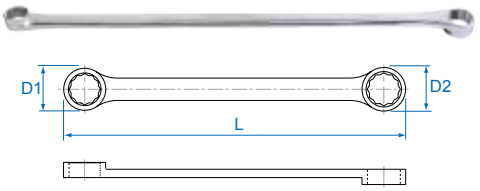
1C12MR

0° Offset Ring Wrench & Set

19B0

- Ideal for crowded or tight spaces
- Ultra-compact ring head
- Chrome vanadium steel
- Chrome plated
- Metric size - 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







1F06 MRN

KT NO.	PC./SET	Contents	kg 1.69	1 / 8
1F06MRN	6	10 x 11, 12 x 14, 13 x 15, 16 x 18, 17 x 19, 22 x 24		

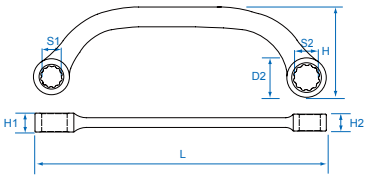


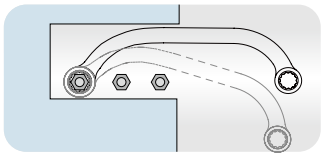
Half Moon Ring Wrench & Set

1950

- Chrome vanadium steel
- Chrome plated
- Metric sizes
- Specially designed for starter bolts
- Used mainly in automotive applications for starter motors, inlet and exhaust manifolds







KT NO.	S1 (mm)	S2 (mm)	D1 (mm)	D2 (mm)	L (mm)	H1 (mm)	H2 (mm)	H (mm)	g	
19500810	8	10	15.6	14.3	137	6.5	6.2	42	40	12 / 288
19501012	10	12	15.6	18.2	141	6.6	6.5	50	55	12 / 288
19501113	11	13	18.2	21.0	166	8.2	8.0	63	93	8 / 128
19501214	12	14	18.2	21.0	166	8.2	8.0	63	94	8 / 128
19501315	13	15	22.0	25.0	190	9.2	8.2	75	126	6 / 72
19501417	14	17	22.0	25.0	190	9.2	8.2	75	126	6 / 72
19501618	16	18	25.5	28.0	220	9.6	8.8	79	156	6 / 72
19501719	17	19	25.5	28.0	220	9.6	8.8	79	174	6 / 72
19501922	19	22	28.6	32.5	256	11.1	10.1	91	255	6 / 48

9-1905 MR

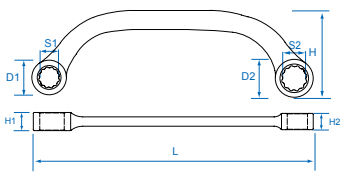


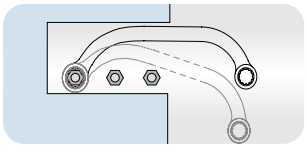
KT NO.	PC./SET	Contents	kg 0.82	1 / 10
9-1905MR	5	10 x 12, 11 x 13, 14 x 17, 16 x 18, 19 x 22		

1951

- **American type**
- Chrome vanadium steel
- Chrome plated
- Metric sizes
- Specially designed for starter bolts
- Used mainly in automotive applications for starter motors, inlet and exhaust manifolds





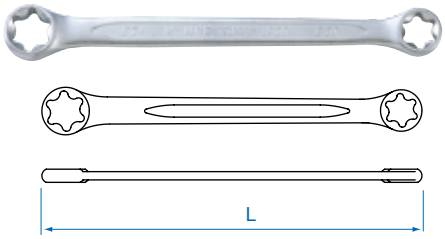


KT NO.	S1 (mm)	S2 (mm)	D1 (mm)	D2 (mm)	L (mm)	H1 (mm)	H2 (mm)	H (mm)	g	
19510810	8	10	12.5	16.5	125	7.0	7.4	36	48.0	12 / 240
19511011	10	11	17.5	19	149	8.0	8.5	46	71.4	12 / 240
19511012	10	12	17.5	19.0	149	8.0	8.5	46	67.8	12 / 240
19511113	11	13	17.5	19.0	149	8.0	8.5	46	76.0	12 / 240
19511416	14	16	21.4	23.4	169	8.2	8.4	50	99.1	10 / 120
19511214	12	14	21.4	23.4	169	8.2	8.4	50	95.4	10 / 120
19511517	15	17	23.5	27.0	194	9.5	10.0	56	151.2	8 / 96
19511719	17	19	26.5	27.7	194	9.2	9.6	56	141.4	8 / 96
19511922	19	22	29.0	32.3	225	11.0	12.0	66	235.0	5 / 60

Star Box End Wrench & Set

1920

- Chrome vanadium steel
- Chrome plated
- Metric size
- Inch size-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



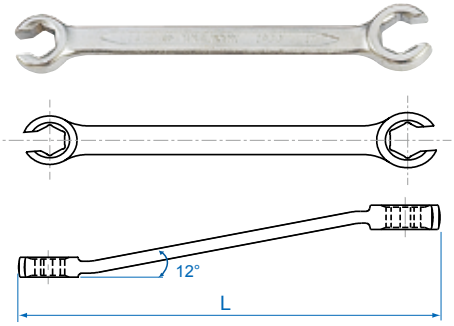
KT NO.	PC./SET	Contents	kg 0.46	1 / 15
1406PR	6	E6 x E8, E7 x E11, E10 x E12, E14 x E18, E16 x E22, E20 x E24		

Flare Nut Wrench & Set

1930

5930

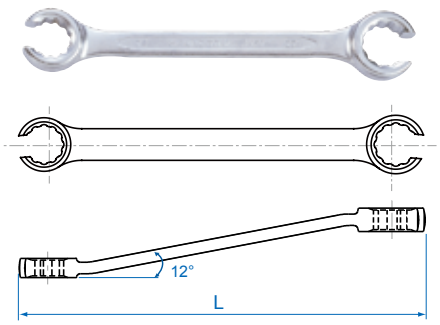
- 6 points
- 12° ring offset
- Chrome vanadium steel
- Chrome plated
- DIN 3118



KT NO.	Size (mm) (inch)	L (mm)	g	
19300810	8 x 10	130	53	12 / 216
19300911	9 x 11	150	55	12 / 216
19301011	10 x 11	150	78	12 / 192
19301012	10 x 12	150	74	12 / 192
19301113	11 x 13	170	106	12 / 144
19301213	12 x 13	170	104	12 / 144
19301214	12 x 14	170	102	12 / 144
19301417	14 x 17	190	132	12 / 144
19301719	17 x 19	210	170	8 / 128
19301922	19 x 22	230	218	9 / 108
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 steel
- Chrome plated
- DIN 3118



KT NO.	Size (mm)	L (mm)	g	
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

1306 MR MRN SR

1306 CR new

KT NO.	PC./SET	Contents	0.90	1 / 30
1306MR	6	8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19, 19 x 22		
1306MRN	6	8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19, 19 x 22		

KT NO.	PC./SET	Contents	0.86	1 / 30
1306SR	6	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		

KT NO.	PC./SET	Contents	0.74	1 / 12
new 1306CR	6	8 x 10, 11 x 13, 12 x 14, 17 x 19, 3/8 x 7/16, 1/2 x 9/16		

▶Nylon pouch



1306MR / SR

▶Tetoron pouch



1306MRN

▶Nylon pouch



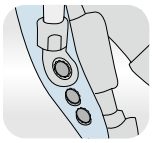
1306CR

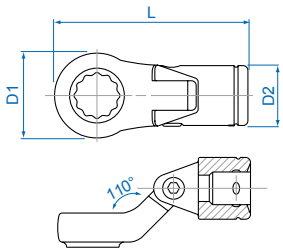
Flexible Ring Socket Wrench & Set

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

3350 M







- 3/8" drive
- 12 points
- Metric size
- Flexible head folds up to 200°
- Combine use 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

3602 MR

KT NO.	PC./SET	Contents	1.89	1 / 10
3602MR	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		

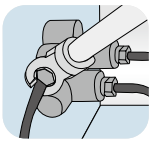


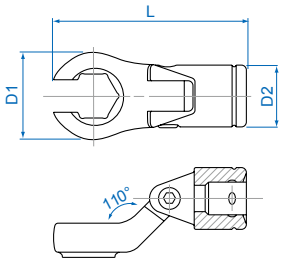
Flexible Crow Foot Socket Wrench & Set

3351 M

- 3/8" drive
- 6 points
- Metric size
- Flexible head folds up to 200°
- Combine use 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

3612 MR



KT NO.	PC./SET	Contents	kg 1.89	1 / 10
3612MR	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		

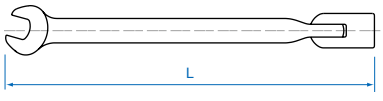
Combination Swivel Head Socket Wrench Set

1020

- Slim pattern, with free moving socket wrench
- Sockets can rotate up to 180°
- Metric sizes
- Chrome vanadium steel
- Chrome plated



KT NO.	Size (mm)	L (mm)	g	
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



1B06 MR



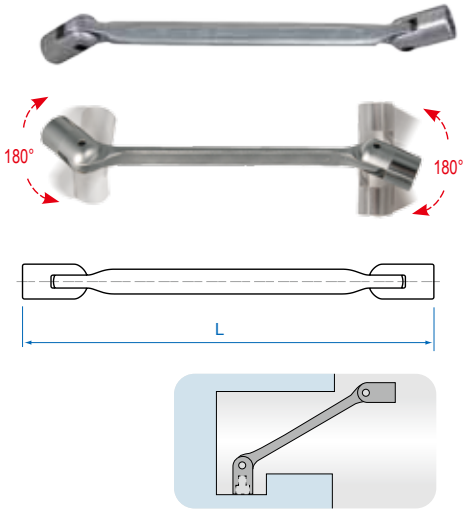
KT NO.	PC./SET	Contents	kg 1.056	1 / 24
1B06MR	6	10, 12, 13, 14, 17, 19		

Double Swivel End Socket Wrench & Set

1910

- Thin walled heads
- Swivel through a wide radius
- Sockets can rotate up to 180°
- Metric sizes
- Chrome Vanadium steel
- Chrome plated

KT NO.	Size (mm)	L (mm)	g	
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
19101617	16 x 17	259	330	10 / 80
19101819	18 x 19	275	410	6 / 54
19102022	20 x 22	305	595	4 / 36
19102123	21 x 23	305	640	4 / 32
19102427	24 x 27	335	775	4 / 32





1A06 MR

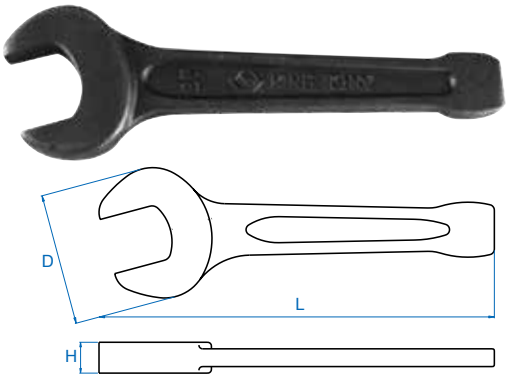
KT NO.	PC./SET	Contents	kg 1.32	1 / 16
1A06MR	6	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19		

Slogging Wrench

10A0

- Open end slogging
- Finished with phosphate sunk

KT NO.	Size (mm)	L (mm)	D (mm)	H (mm)	g	
10A0-24	24	178	52	15	302	6 / 72
10A0-27	27	180	55	16	320	6 / 72
10A0-30	30	190	60	16	400	6 / 60
10A0-32	32	190	61	17	418	6 / 60
10A0-36	36	215	72	17	600	6 / 24
10A0-41	41	233	83	19	902	5 / 20
10A0-46	46	255	94	20	1122	4 / 16
10A0-50	50	275	105	22	1555	2 / 16
10A0-55	55	298	115	24	2015	2 / 12
10A0-60	60	320	127	24	2515	1 / 10
10A0-65	65	340	138	27	3260	1 / 8
10A0-70	70	370	156	32	4390	1 / 5
10A0-75	75	372	153	31	4140	1 / 5
10A0-80	80	395	175	33	6820	1 / 4
10A0-85	85	395	175	33	6300	1 / 4
10A0-90	90	440	197	38	9270	1 / 2
10A0-95	95	440	197	38	8700	1 / 2
10A0-A0	100	480	230	45	10500	1 / 2
10A0-A5	105	480	230	45	10300	1 / 2
10A0-B0	110	505	235	40	14420	1 / 1
10A0-B5	115	505	235	40	14420	1 / 1
10A0-C0	120	510	235	40	15450	1 / 1
10A0-C5	125	515	251	43	15015	1 / 1

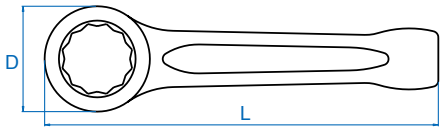


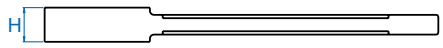
Slogging Wrench

10B0

- Ring slogging
- Finished with phosphate sunk







KT NO.	Size (mm)	L (mm)	D (mm)	H (mm)	g	
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

- Chrome plated
- To be used with extension tubes item “11”
- Chrome vanadium steel



KT NO.	Size (mm)	L (mm)	g	
10C0-24	24	179.2	450	6 / 48
10C0-27	27	186.4	500	6 / 48
10C0-30	30	194.9	580	4 / 36
10C0-32	32	229.7	810	4 / 24
10C0-36	36	240.6	870	4 / 24
10C0-41	41	259.4	1100	2 / 16
10C0-46	46	275.3	1400	2 / 16
10C0-50	50	285.1	1600	2 / 16
10C0-55	55	296.4	1800	1 / 12
10C0-60	60	341.4	2800	1 / 9
10C0-65	65	351.2	3200	1 / 4

11

- Tube for item 10C0
- Chrome plated



KT NO.	Size ø (mm)	L (mm)	Applied to socket sizes	g	
111946	26 x 19	460	10C0-24 (24mm), 10C0-27 (27mm), 10C0-30 (30mm)	1050	20
112261	28 x 22	610	10C0-32 (32mm), 10C0-36 (36mm), 10C0-41 (41mm)	1450	16
112576	32 x 25	760	10C0-46 (46mm), 10C0-50 (50mm), 10C0-55 (55mm)	2400	6
113086	36 x 30	860	10C0-60 (60mm), 10C0-65 (65mm)	2610	4

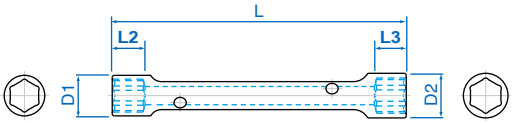
Double End Socket Wrench

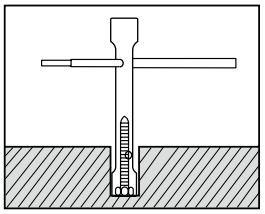
19A0

- Chrome vanadium steel
- Chrome plated

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







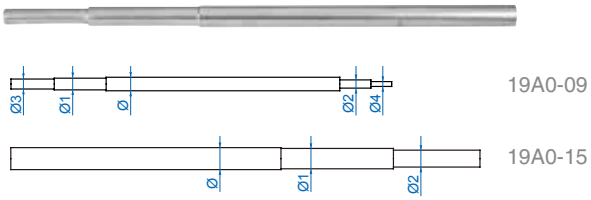
Double end socket wrench for the hollow tube design, a long-type screw may be used.

19A0-

- 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

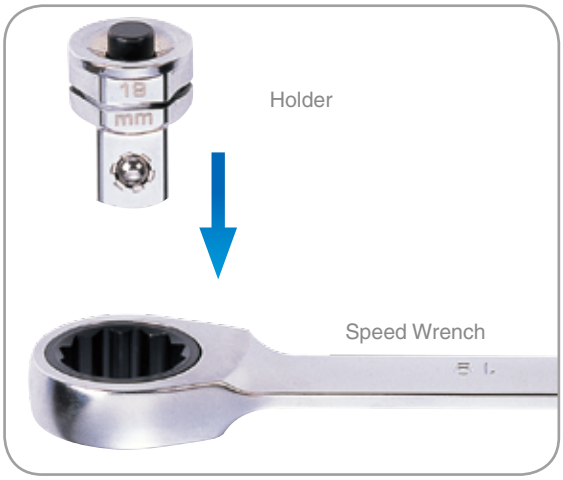
Open-Side Speed Wrench

• 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

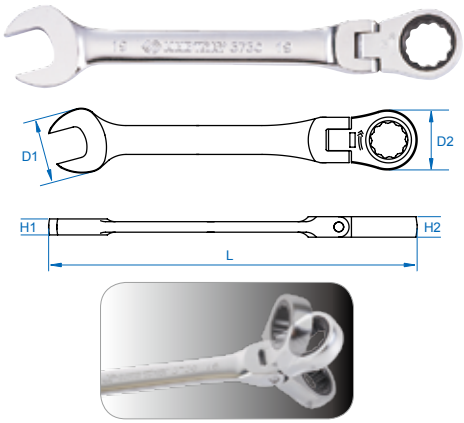


Flexible Speed Wrench

3730 M

- Flexible head, open end and ratchet ring - wrench
- Metric sizes from 8 to 19 mm
- Polished with chrome finish
- 5° gear action (72 teeth)

KT NO.	Size (mm)	D1	D2	H1	H2	L (mm)	g	
373008M	8	16.2	16.7	4.3	6.5	127.0	40	12 / 384
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 / 320
373013M	13	26.8	25.2	6.1	8.6	154.0	100	6 / 192
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	12 / 144



Speed Wrench Set

13012 MR

- 12 PC. flexible speed wrench set



KT NO.	Contents	kg 2.167	1 / 6
13012MR	3730: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19		

13013 MR

- 13 PC. flexible speed wrench set



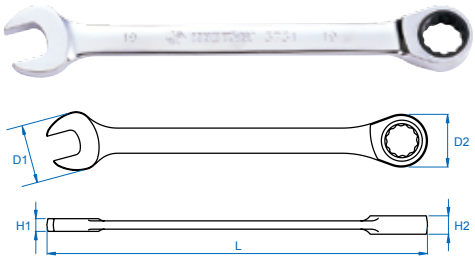
KT NO.	Contents	kg 1.66	1 / 8
13013MR	3730: 8, 10, 12, 13, 14, 16, 17, 18, 19 373202H, 373202R, 373203R, 373204R		

Speed Wrench

3731 M

- Open end and ratchet ring -wrench
- Metric sizes from 8 to 24 mm
- Polished with chrome finish
- 5° gear action (72 teeth)

KT NO.	Size (mm)	D1	D2	H1	H2	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

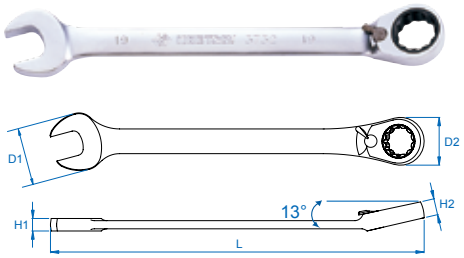


Speed Wrench

3732 M

- Combined with 5° open end and ratchet ring - wrench
- Metric sizes from 8 to 24 mm
- Polished with chrome finish
- 5° gear action (72 teeth)
- 2 ways locking design
- Take-up:13°

KT NO.	Size (mm)	D1	D2	H1	H2	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



Speed Wrench Set

12107 MRN
12207 MRN

- 7 PC. speed wrench set

KT NO.	Contents	kg 0.91	1 / 24
12107MRN	3731	10, 11, 12, 14, 15, 17, 19	
12207MRN	3732	10, 11, 12, 14, 15, 17, 19	



12107MRN



12207MRN

12114 MRN
12214 MRN

- 14 PC. speed wrench set

KT NO.	Contents	kg 2.50	1 / 12
12114MRN	3731	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	
12214MRN	3732	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	



12114MRN



12214MRN

12112 MRN
12212 MRN

- 12 PC. speed wrench set

KT NO.	Contents	kg 1.95	1 / 8
12112MRN	3731	8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24	
12212MRN	3732	8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24	



12112MRN



12212MRN

Speed Wrench Set

13113 MR
13213 MR

▪ 13 PC. speed wrench set

KT NO.	Contents	1.64	1 / 8
13113MR	3731 8, 10, 12, 13, 14, 16, 17, 18, 19	373202H 373202R 373203R 373204R	
13213MR	3732		


13113MR


13213MR

91162 MR
91262 MR

▪ 62 PC. speed wrench set


91162MR


91262MR

KT NO.	Contents				3.6	1 / 4
91162MR	3731 8, 10, 12, 13, 14, 16, 17, 18, 19	2375M	E4, E5, E6 , E7, E8	1636H	H4, H5, H6, H7, H8, H10, H12	373202R 373203R
		3375M	E10, E11, E12	1636M	5, 6, 8, 10, 12	373204R 314810M
91262MR	3732 8, 10, 12, 13, 14, 16, 17, 18, 19	4375M	E10, E12, E14, E16, E18, E20	1636T 1636U	T10, T15, T20, T25, T27, T30, T40, T45,T50, T55, T60	414810M

91168 MR
91268 MR

▪ 68 PC. speed wrench set


91168MR

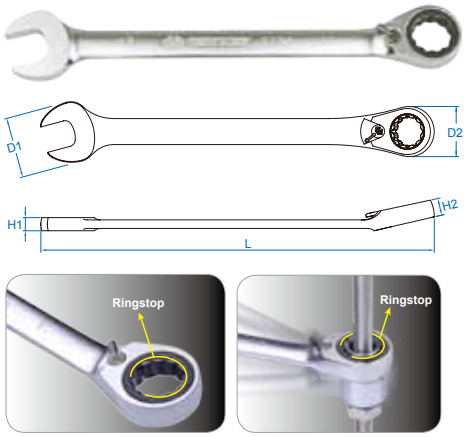

91268MR

KT NO.	Contents				4.8	1 / 4
91168MR	3731 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	5, 6, 8, 10, 12	373204R 314810M
91268MR	3732 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	4375M	E10, E12, E14, E16, E18, E20	1636T 1636U	T10, T15, T20, T25, T27, T30, T40, T45,T50, T55, T60	414810M

Ringstop Speed Wrench

373A

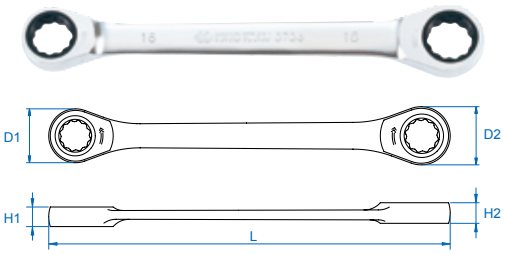
- Ringstop function
- Combined with 5° open end and ratchet ring - wrench
- Metric sizes from 8 to 19 mm
- Polished with chrome finish
- 5° gear action (72 teeth)
- 2 ways locking design
- Take - up: 13°



KT NO.	Size (mm)	D1	D2	H1	H2	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

3736 M

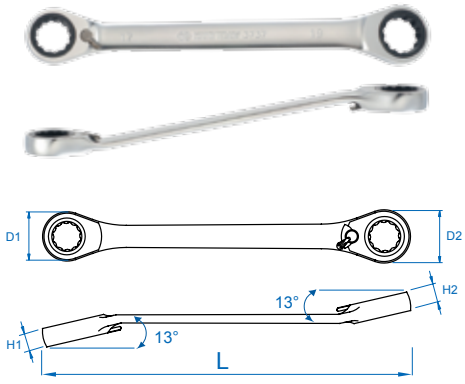
- Double end wrench
- Metric sizes from 8 to 19 mm
- Polished with chrome finish
- 5° gear action (72 teeth)



KT NO.	Size (mm)	D1	D2	H1	H2	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

3737 M

- Double end speed wrench
- Metric sizes from 6 to 24 mm
- Polished with chrome finish
- 5° gear action (72 teeth)
- 2 ways locking design
- Take-up:13°



KT NO.	Size (mm)	D1	D2	H1	H2	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

12706 MR

- 6 PC. speed wrench set



KT NO.	Contents	kg 0.72	1 / 16
12706MR	3737	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18, 17 x 19	

12709 MRN

- 9 PC. speed wrench set

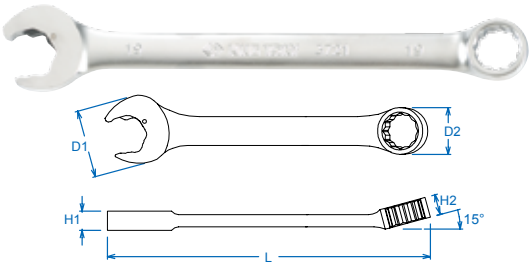


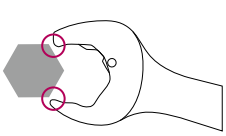
KT NO.	Contents	kg 1.50	1 / 16
12709MRN	3737	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18, 17 x 19, 21 x 23, 22 x 24	

Open-side Speed Wrench

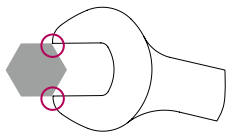
3721 M S

- Open-side speed wrench
- Torque rating exceeds ANSI specifications by 30% plus
- Made of the highest quality Chrome Vanadium Steel
- The special ratcheting open end design will not
- slip off the screw when torque is applied

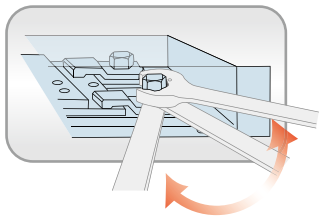




Open-side speed wrench



Combination wrench 17mm



KT NO.	Size (mm) (inch)	D1	D2	H1	H2	L (mm)	g	
372108M	8	17.8	13.3	5.0	6.0	136.0	38	12 / 384
372110M	10	22.2	16.6	6.0	7.2	161.0	60	12 / 240
372111M	11	25.4	17.5	6.6	7.4	168.0	68	12 / 288
372112M	12	26.3	19.2	7.5	7.9	174.0	83	12 / 288
372113M	13	28.2	20.3	7.9	8.6	180.0	100	10 / 240
372114M	14	31.5	21.3	8.5	9.2	193.0	123	10 / 120
372115M	15	32.8	23.6	8.5	9.7	200.0	143	10 / 120
372116M	16	34.9	23.6	9.0	10.8	207.0	171	10 / 120
372117M	17	37.4	28.1	9.5	10.9	227.0	191	10 / 100
372118M	18	39.0	28.0	9.8	11.2	239.0	220	10 / 100
372119M	19	41.2	29.3	9.8	12.2	250.0	250	10 / 100
372110S	5/16	17.8	13.3	5.0	6.0	136.0	38	12 / 384
372112S	3/8	22.2	16.6	6.0	7.2	161.0	59	12 / 288
372114S	7/16	25.4	17.5	6.6	7.4	168.0	68	12 / 288
372116S	1/2	28.2	20.3	7.9	8.6	180.0	97	10 / 240
372118S	9/16	31.5	21.3	8.5	9.2	193.0	120	10 / 120
372120S	5/8	34.9	25.6	9.0	10.8	207.0	163	10 / 120
372122S	11/16	37.4	28.1	9.5	10.9	227.0	184	10 / 100
372124S	3/4	41.2	29.3	9.8	12.2	250.0	246	6 / 60

Speed Wrench Set

14108 SRN

- 8 PC. Open-side speed wrench set



KT NO.	Contents		kg 1.108	1 / 16
14108SRN	8	3721S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	

14111 MRN

- 11 PC. Open-side speed wrench set



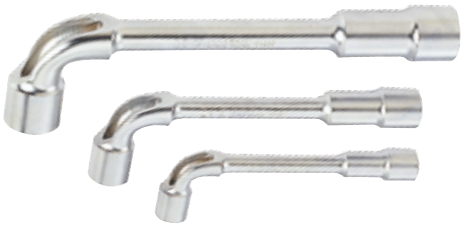
KT NO.	Contents		kg 1.59	1 / 12
14111MRN	11	3721M	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

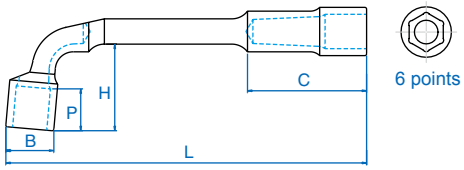
Angled Socket Wrench & Set

1080

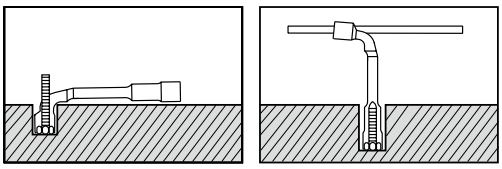
- Angle and through-hole design
- High quality steel, chrome plated
- Deep recess at one side and open end socket at the other, easily fit over protruding studs
- ISO 2236

KT NO.	(mm)	B (mm)	P (mm)	H (mm)	C (mm)	L (mm)	g	
1080-06	6	10.0	7.0	15	29	105	55	12 / 240
1080-07	7	11.5	8.0	15	30	110	60	12 / 240
1080-08	8	12.5	10.0	20	32	120	62	12 / 216
1080-09	9	14.0	10.0	20	33	125	65	12 / 216
1080-10	10	15.0	11.0	20	35	130	100	6 / 60
1080-11	11	16.5	12.0	20	37	135	115	6 / 60
1080-12	12	17.5	12.0	25	40	140	155	6 / 60
1080-13	13	19.0	14.0	25	47	150	180	6 / 60
1080-14	14	20.0	14.0	30	48	160	185	6 / 60
1080-15	15	21.5	15.0	35	50	170	210	6 / 60
1080-16	16	22.5	17.0	35	54	185	285	6 / 60
1080-17	17	24.0	18.0	35	56	195	315	6 / 60
1080-18	18	25.0	19.5	40	58	210	370	4 / 40
1080-19	19	26.5	20.5	40	62	215	425	4 / 40
1080-20	20	27.5	21.5	45	63	220	445	2 / 20
1080-21	21	29.0	23.5	45	65	230	495	2 / 20
1080-22	22	30.0	23.5	45	67	245	530	2 / 16
1080-23	23	31.5	24.5	45	74	255	610	2 / 16
1080-24	24	32.5	24.5	45	77	265	670	2 / 16
1080-25	25	34.0	24.5	50	79	275	780	2 / 16
1080-26	26	35.0	25.5	50	80	285	805	2 / 16
1080-27	27	36.5	27.5	55	84	295	975	2 / 16
1080-28	28	37.5	27.5	55	86	315	1005	2 / 16
1080-29	29	39.0	28.5	65	90	320	1060	2 / 16
1080-30	30	40.0	28.5	65	93	330	1290	2 / 12
1080-32	32	42.5	28.5	65	95	355	1410	2 / 12









1805 MR

KT NO.	Pack	PC./SET	Contents	kg 1.12	1 / 22
1805MR	Color box	5	10, 11, 13, 14, 17		

1808 MR

KT NO.	Pack	PC./SET	Contents	kg 1.73	1 / 18
1808MR	Pouch	8	8, 10, 11, 12, 13, 14, 17, 19		

1812 MR

KT NO.	Pack	PC./SET	Contents	kg 4.75	1 / 4
1812MR	Pouch	12	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24		

1826 MR

KT NO.	Pack	PC./SET	Contents	kg 15.0	1 / 2
1826MR	Color box	26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, ,18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32		



1805MR



1826MR



1808MR



1812MR

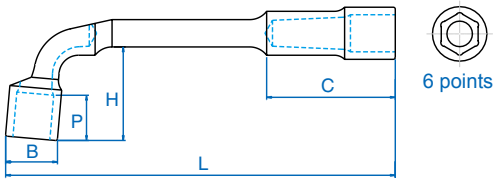
Angled Socket Wrench & Set

1081

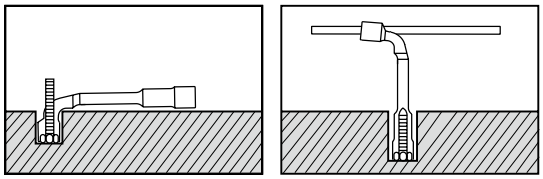
- Angle and through-hole design
- High quality steel, chrome plated
- Deep recess at one side and open end socket at the other, easily fit over protruding studs
- ISO 2236

KT NO.	(mm)	B (mm)	P (mm)	H (mm)	C (mm)	L (mm)	g	
1081-06	6	10.0	7.0	15	29	105	55	12 / 240
1081-07	7	11.5	8.0	15	30	110	60	12 / 240
1081-08	8	12.5	10.0	20	32	120	62	12 / 216
1081-09	9	14.0	10.0	20	33	125	65	12 / 216
1081-10	10	15.0	11.0	20	35	130	100	6 / 60
1081-11	11	16.5	12.0	20	37	135	115	6 / 60
1081-12	12	17.5	12.0	25	40	140	155	6 / 60
1081-13	13	19.0	14.0	25	47	150	180	6 / 60
1081-14	14	20.0	14.0	30	48	160	185	6 / 60
1081-15	15	21.5	15.0	35	50	170	210	6 / 60
1081-16	16	22.5	17.0	35	54	185	285	6 / 60
1081-17	17	24.0	18.0	35	56	195	315	6 / 60
1081-18	18	25.0	19.5	40	58	210	370	4 / 40
1081-19	19	26.5	20.5	40	62	215	425	4 / 40
1081-20	20	27.5	21.5	45	63	220	445	2 / 20
1081-21	21	29.0	23.5	45	65	230	495	2 / 20
1081-22	22	30.0	23.5	45	67	245	530	2 / 16
1081-23	23	31.5	24.5	45	74	255	610	2 / 16
1081-24	24	32.5	24.5	45	77	265	670	2 / 16
1081-25	25	34.0	24.5	50	79	275	780	2 / 16
1081-26	26	35.0	25.5	50	80	285	805	2 / 16
1081-27	27	36.5	27.5	55	84	295	975	2 / 16
1081-28	28	37.5	27.5	55	86	315	1005	2 / 16
1081-29	29	39.0	28.5	65	90	320	1060	2 / 16
1081-30	30	40.0	28.5	65	93	330	1290	2 / 12
1081-32	32	42.5	28.5	65	95	355	1410	2 / 12









1912 MR

KT NO.	Pack	PC./SET	Contents	kg 4.75	1 / 4
1912MR	Nylon Pouch	12	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24		



1912MR

1912 MRN

KT NO.	Pack	PC./SET	Contents	kg 4.75	1 / 4
1912MRN	Tetoron Pouch	12	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24		



1912MRN

1926 MR

KT NO.	Pack	PC./SET	Contents	kg 15.0	1 / 2
1926MR	Color box	26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, ,18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32		



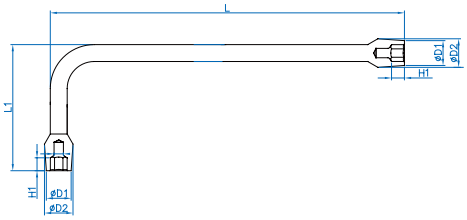
1926MR

Angled Socket Wrench

1084
5084

- High quality steel, chrome plated
- Conic profile and thin walled
- Convenient to facilitate the force-depth objects





KT NO.	(mm) (inch)	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
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

Adjustable Wrench

3611

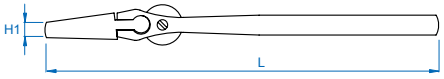
- Chrome vanadium steel
- Polish, phosphate & chrome plated
- Japanesque type
- Metric size-DIN 3117
- Inch size-ANSI / ASME B107.8


3611P


3611R


3611HP


3611HR



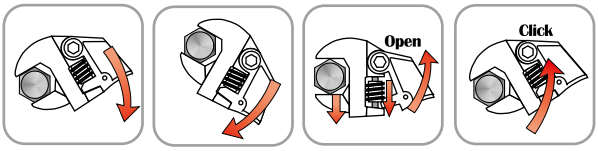
KT NO.	(mm)	H1 (mm)	Overall Length (mm)	g	
3611-06P	20	7	150	125	12 / 108
3611-08P	25	8	200	226	12 / 48
3611-10P	30	11	250	430	10 / 60
3611-12P	35	13	300	680	5 / 40
3611-06R	20	7	150	125	12 / 108
3611-08R	25	8	200	226	12 / 48
3611-10R	30	11	250	430	10 / 60
3611-12R	35	13	300	680	5 / 40
3611-15HP	43	13	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

- Chrome vanadium steel
- Chrome plated
- Magic button to switch ratchet function on/off
- Metric size-DIN 3117

- Ratchet function
- Can be used in limited space
- Comfortable handle
- Easy to operate and save time


TPR+PP



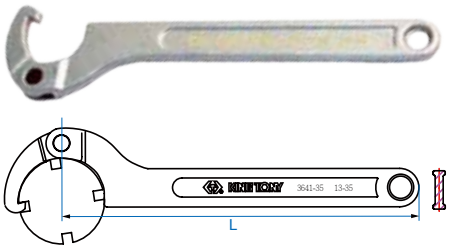
KT NO.	(mm)	Overall Length (mm)	g	
3631-10R	32	250	597	6 / 36

Adjustable Hook Spanner Wrench

3641

- Material - CR-V alloy steel
- The joint is equipped with a spring washer to ensure smooth and reliable operation

KT NO.	Size (mm)	g	
3641-35	13-35	96	12 / 144
3641-50	35-50	166	12 / 108
3641-80	50-80	352	10 / 60
3641-C0	80-120	652	5 / 30
3641-I0	120-180	1260	4 / 16





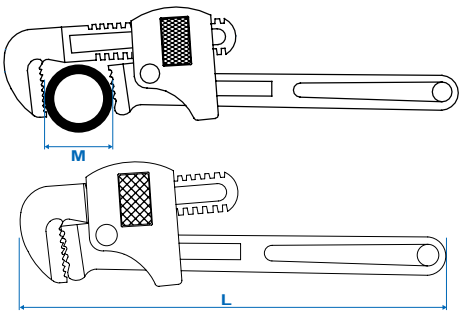
Pipe Wrench

6531

- Professional Stillson type
- High quality steel

KT NO.	Total Length (inch)	Total Length (mm)	Capacity(M) (inch)	Capacity(M) (mm)	g	
6531-10	10	229	1-3/16	34	600	1 / 24
6531-12	12	270	1-9/16	42	780	1 / 24
6531-14	14	312	1-7/8	48	1050	1 / 12
6531-18	18	405	2-3/8	60	1720	1 / 12
6531-24	24	541	2-15/16	75	3150	1 / 6
6531-36	36	825	4	102	6280	1 / 2
6531-48	48	1034	5-1/2	140	9750	1 / 2





Special Purpose Wrench

3203

- Strap wrench for oil filter

KT NO.	Total Length (inch)	Total Length (mm)	Capacity (mm)	g	
3203	8-3/4	223	Ø 60~140	242	50
3203A0	8-3/4	223	Ø 60~260	300	50





320300

- Strap for 3203

KT NO.	L (mm)	W (mm)	t (mm)	g	
320300	530	16	3.5	43	80



3204

- Chain wrench for oil filter

KT NO.	Total Length (inch)	Total Length (mm)	Capacity (mm)	g	
3204	8-3/4	225	Ø 60~140	359	50





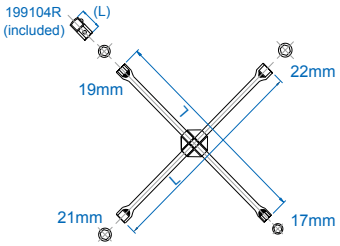
Wheel Nut Wrench

1991

- Chrome vanadium alloy steel
- For most car wheel nuts in metric
- Polished, chrome plated
- DIN 3119 ISO 6788

KT NO.	■ (inch)	⬢ (mm)				L (mm)	g	
19911722	1/2	17	19	21	22	400	1700	6
199104R	1/2		19			34	84	-



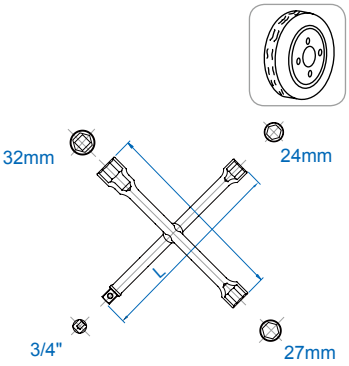


1993

- Chrome vanadium alloy steel
- For most car wheel nuts in metric
- Polished, chrome plated

KT NO.	■ (inch)	⬢ (mm)			L (mm)	g	
19932427	3/4	24	27	32	700	4333	4



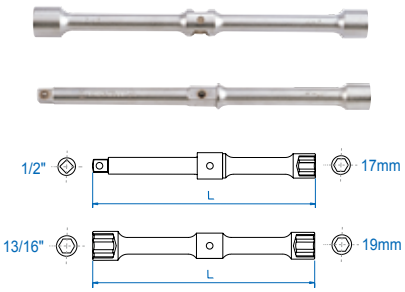


Assembling Wheel Nut Wrench

1996 PAT. 192461

- Chrome vanadium alloy steel
- For most car wheel nuts in metric
- Polished, chrome plated

KT NO.	⬢ (inch)	■ (inch)	⬢ (mm)		L (mm)	g	
19961721	13/16	1/2	17	19	300	1.1	20



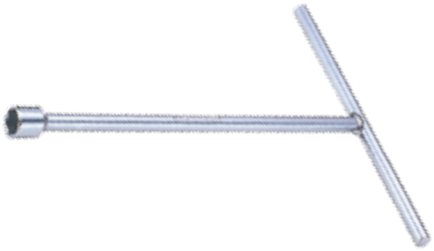


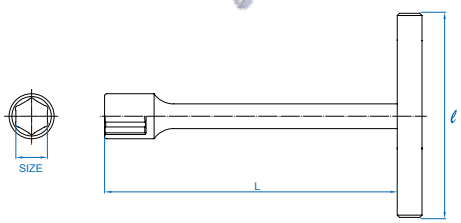
T - type Socket Wrench

1175 M01

- Chrome vanadium alloy steel
- T-shaped long arm type
- Standard socket driver
- DIN 475

KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
117508M01	8	120	130	104	10 / 80
117509M01	9	120	130	134	10 / 80
117510M01	10	120	130	128.6	10 / 80
117511M01	11	120	130	137	10 / 80
117512M01	12	120	130	198	10 / 80
117513M01	13	140	160	235	10 / 80
117514M01	14	140	160	241	10 / 80
117517M01	17	140	160	301	10 / 80



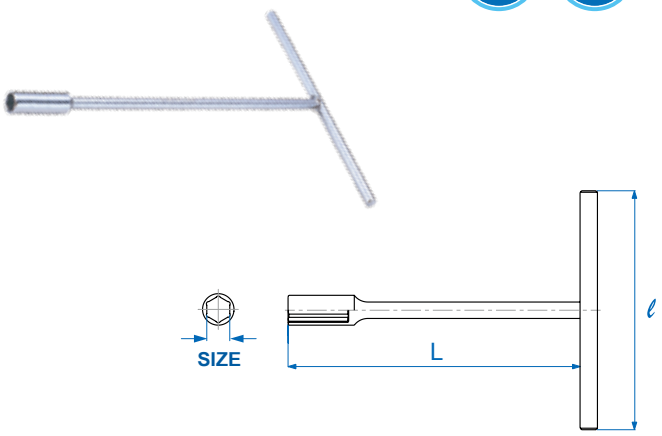


T - type Socket Wrench

1184 M

- Chrome vanadium alloy steel
- T-shaped long arm type
- Deep socket driver
- DIN 475

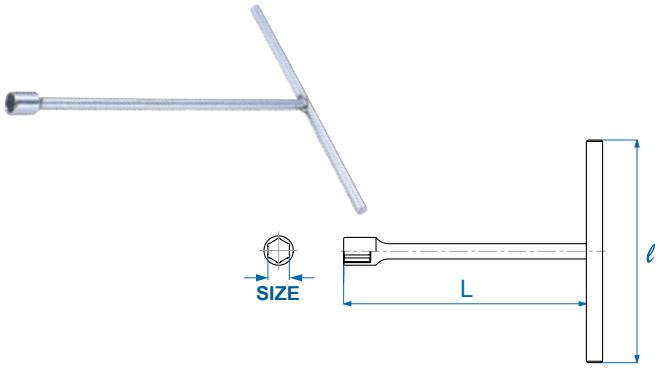
KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
118406M	6	120	190	53	10 / 40
118407M	7	120	190	73	10 / 40
118408M	8	200	300	212	10 / 40
118409M	9	200	300	307	10 / 40
118410M	10	200	300	317	10 / 40
118411M	11	200	300	327	10 / 40
118412M	12	200	300	328	10 / 40
118413M	13	200	300	333	10 / 40
118414M	14	200	300	345	10 / 40
118417M	17	250	300	602	6 / 24



1185 M

- Chrome vanadium alloy steel
- T-shaped long arm type
- Standard socket driver
- DIN 475

KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
118508M	8	200	250	186	10 / 100
118509M	9	200	250	231	10 / 100
118510M	10	200	250	228	10 / 100
118511M	11	200	250	234	10 / 100
118512M	12	250	250	386	10 / 60
118513M	13	250	300	421	10 / 60
118514M	14	250	300	429	10 / 60
118517M	17	300	300	710	6 / 36
118519M	19	300	300	725	6 / 36

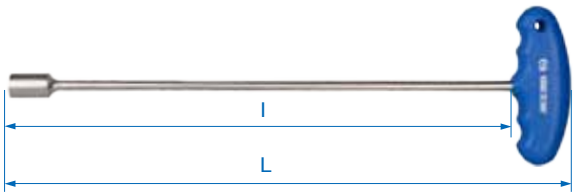


T - type Socket Wrench

115H M new

- Shank material - chrome vanadium alloy steel
- Grip material - PP
- Shank finishing - chrome plated

KT NO.	Size (mm)	L (mm)	l (mm)	g	
115H08M-14	8	388	350	147	10 / 60
115H10M-14	10	388	350	153	10 / 60
115H13M-14	13	390	350	261	8 / 32

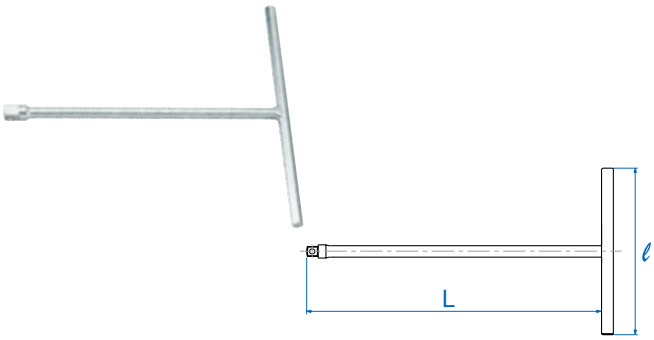


T-shaped Driver

3511

- Chrome vanadium alloy steel
- 3/8" square drive

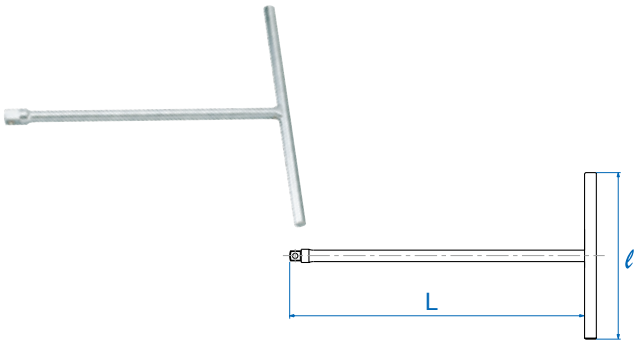
KT NO.	ℓ (mm)	L (mm)	g	
3511-06	170	268	325	5 / 30
3511-10	250	268	386	6 / 30



4511

- Chrome vanadium alloy steel
- 1/2" square drive

KT NO.	ℓ (mm)	L (mm)	g	
4511-06	170	268	400	5 / 30
4511-10	250	268	468	6 / 30

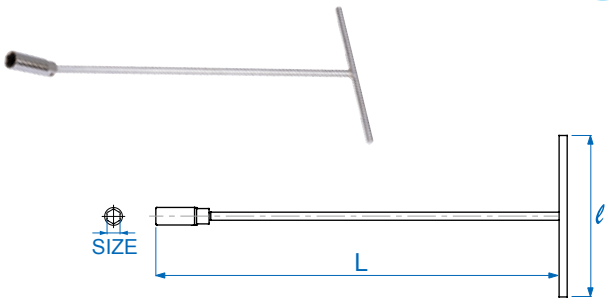


T-type Spark Plug Socket

1563

- Chrome vanadium alloy steel
- T-type spark plug socket

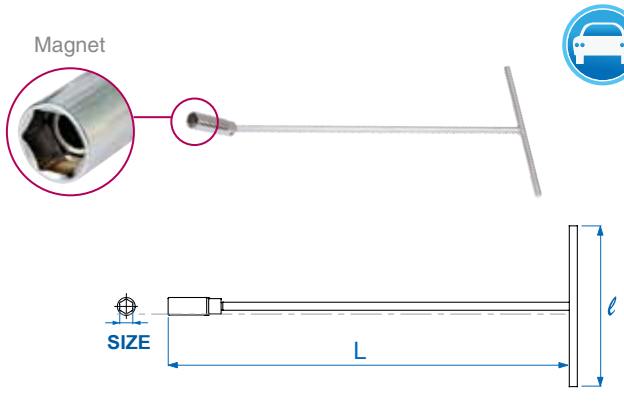
KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
15631612	16	200	300	363	10 / 40
15631615	16	200	385	400	10 / 40
15631618	16	200	460	450	10 / 40
15631818	18	200	460	450	10 / 40
15632112	21	200	300	388	10 / 40
15632115	21	200	385	438	10 / 40
15632118	21	200	460	488	10 / 40



1566

- Chrome vanadium alloy steel
- T-type universal spark plug socket with magnet

KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
15661612	16	200	300	400	10 / 40
15661615	16	200	385	420	10 / 40
15661618	16	200	460	460	10 / 40
15661818	18	200	460	450	10 / 40
15662112	21	200	300	420	10 / 40
15662115	21	200	385	460	10 / 40
15662118	21	200	460	510	10 / 40

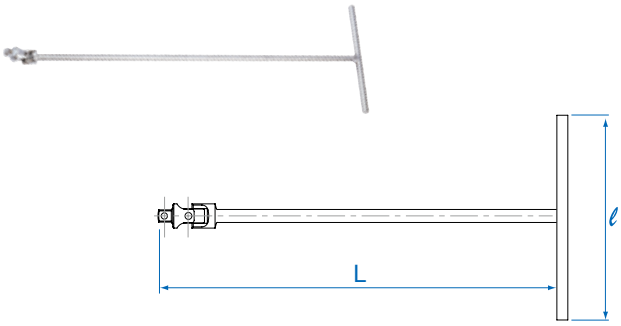


T-type Universal Joint

3795

- Chrome vanadium alloy steel
- 3/8" drive T-type universal joint

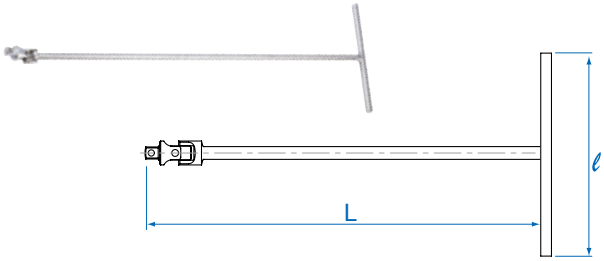
KT NO.	ℓ (mm)	L (mm)	g	
3795-15	200	375	375	10 / 40
3795-18	200	455	425	10 / 40
3795-24	200	600	500	10 / 40
3795-30	200	750	600	10 / 30



4795

- Chrome vanadium alloy steel
- 1/2" drive T-type universal joint

KT NO.	ℓ (mm)	L (mm)	g	
4795-18	200	460	567	10 / 30
4795-24	200	600	700	10 / 30
4795-30	200	750	850	10 / 20
4795-36	200	900	1000	10 / 20

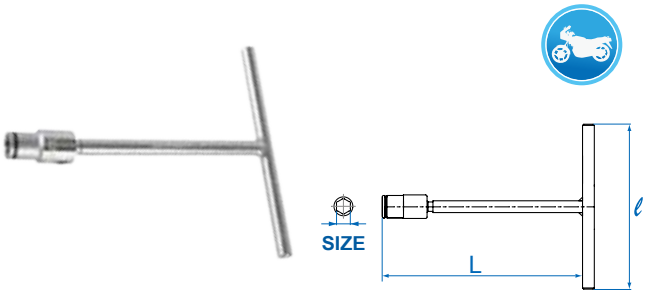


T-type Universal Socket

5722 M

- T-type universal socket

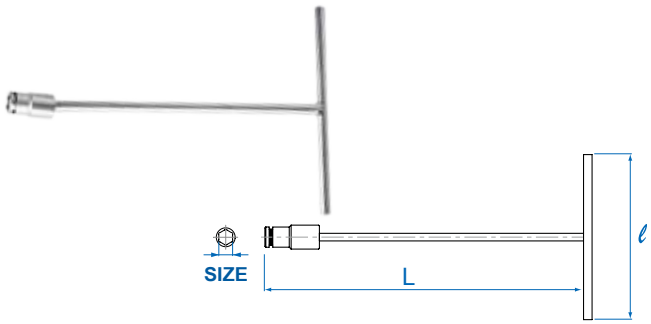
KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
572210M	10	150	170	400	10 / 60
572212M	12	150	170	400	10 / 60



5742 M

- Chrome vanadium alloy steel
- T-type universal socket

KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
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

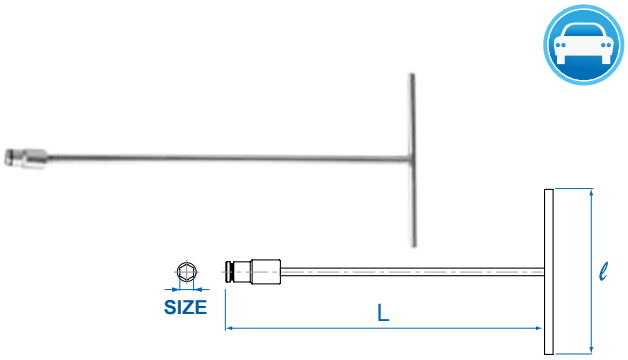


T-type Universal Socket

5752 M

- Chrome vanadium alloy steel
- T-type universal socket

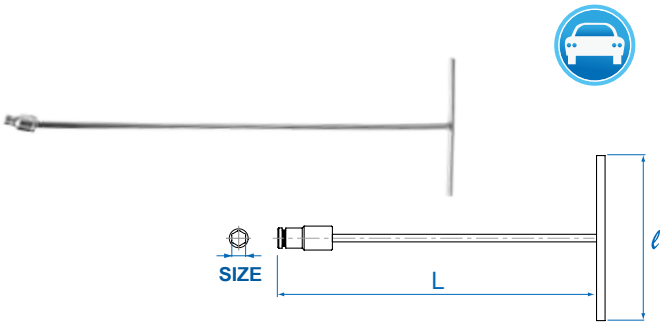
KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
575208M	8	200	450	427	10 / 40
575210M	10	200	450	430	10 / 40
575212M	12	200	450	432	10 / 40
575213M	13	200	450	433	10 / 40
575214M	14	200	450	435	10 / 40
575217M	17	200	450	440	10 / 40



5762 M

- Chrome vanadium alloy steel
- T-type universal socket

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

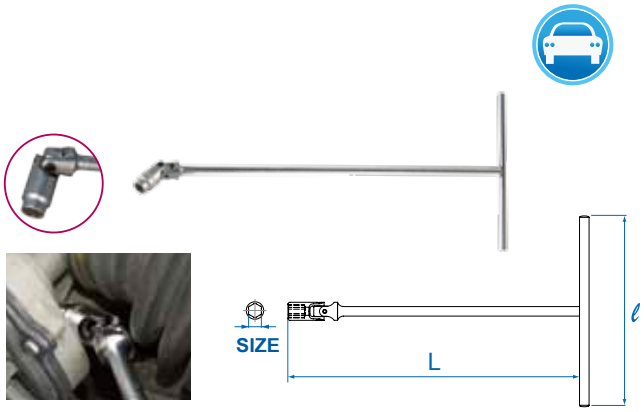


T-type Universal Socket

5772 M

- Chrome vanadium alloy steel
- T-type universal socket

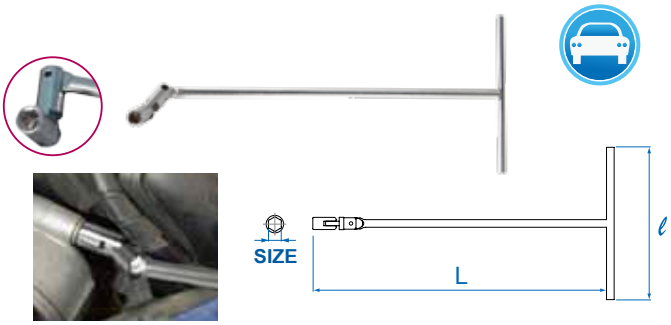
KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
577208M	8	200	400	425	10 / 40
577210M	10	200	400	425	10 / 40
577212M	12	200	400	425	10 / 40
577213M	13	200	450	425	10 / 40
577214M	14	200	450	425	10 / 40
577217M	17	200	450	425	10 / 40



5755 M

- Chrome vanadium alloy steel
- Sliding T-type universal socket

KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
575510M	10	200	396	400	10 / 40
575512M	12	200	400	400	10 / 40

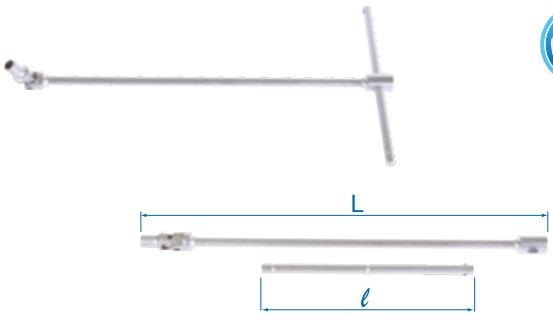


T-type Universal Socket

5774 M

- Chrome vanadium alloy steel
- T-type universal socket

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

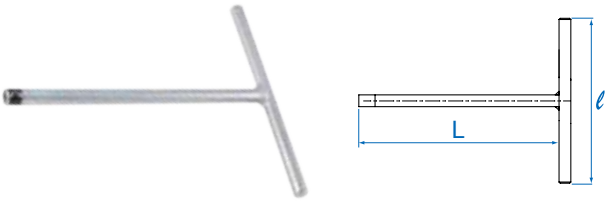


T-type Bit Holder

21A107

- Applied with power bit

KT NO.	Size (inch)	ℓ (mm)	L (mm)	g	
21A107	1/4	150	175	194	10 / 60



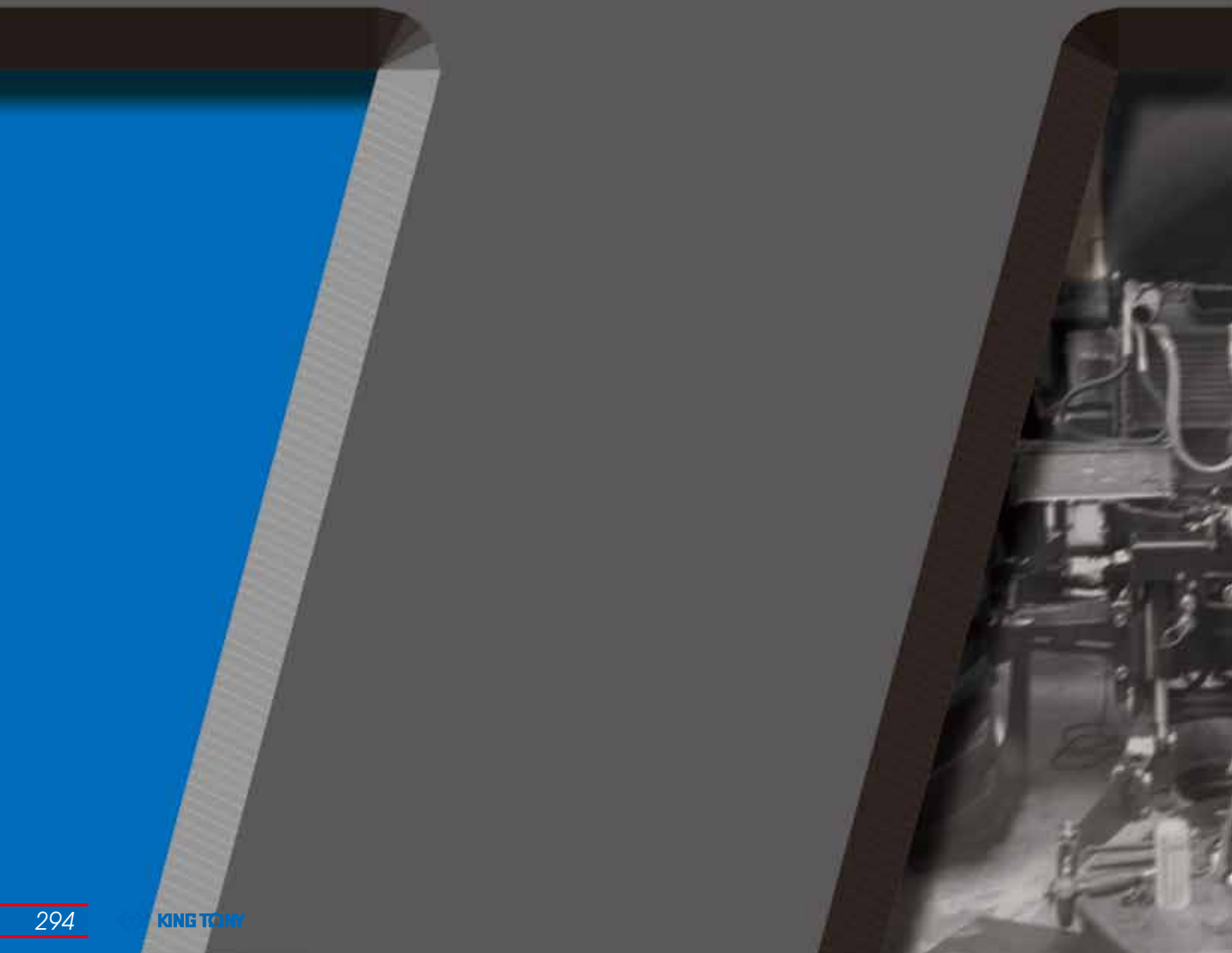




Notes

Pliers

- *Pliers*
- *Circlip Pliers*
- *Insulated Pliers*
- *Grip Pliers*
- *Crimping Tools*



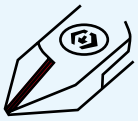

KING TONY
6112-09

CUTTING EDGES TECHNICAL BASICS

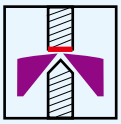
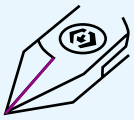
CUTTING EDGE SHAPES


with bevel
(outside bevel)



with very small bevel
(outside bevel)



with small bevel
(outside bevel)



without bevel
(outside bevel)


WIRE CLASSES

Soft wire

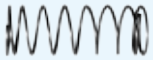
Copper / Aluminium

Medium hard wire

Iron nail

Hard wire

Spring wire / Steel nail

Piano wire

Hardend Spring steel

TECHNICAL BASICS

Thin
Serrated


Coarse
Serrated


with opening
spring


JAWS STYLE

Round jaws


Half-round jaws

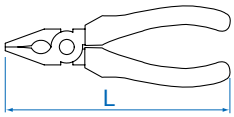

Flat & Point jaws


Combination Pliers

6111

- European type
- Polished head
- DIN ISO 5746






6111

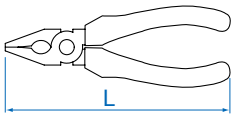

6111C

KT NO.	L (inch)	L (mm)	Materal	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6111-06	6-1/2	163	PP+TPR	4.0	2.8	1.8	1.6	200	8 / 96
6111-07	7-1/2	188	PP+TPR	4.0	3.0	2.0	1.6	260	8 / 80
6111-08	8-1/4	213	PP+TPR	4.0	3.0	2.0	1.6	340	8 / 72
new 6111-07C	7-1/2	188	PVC	4.0	3.0	2.0	1.6	260	10 / 80
new 6111-08C	8-1/4	213	PVC	4.0	3.0	2.0	1.6	340	8 / 80

6112

- Hi-leverage type
- Polished heads






6112A

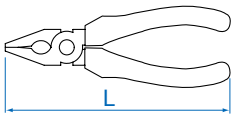

6112C

KT NO.	L (inch)	L (mm)	Materal	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6112-09A	9	225	PP+TPR	4.0	3.0	2.2	2.0	359	6 / 60
6112-09C	9	225	PVC	4.0	3.0	2.2	2.0	359	6 / 60

6114

- Mini type
- Grip material - PP + TPR
- DIN ISO 5746







KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	g	
6114-05	5-1/2	140	3.0	2.0	1.6	100	8 / 160

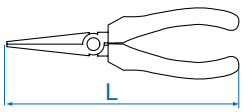
Long Nose Pliers

• Grip material - PP +TPR

6311

- European type
- DIN ISO 5745





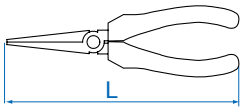


KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6311-06	6-1/2	164	4.0	2.8	1.8	1.6	152	10 / 120
6311-08	8	200	4.0	3.0	2.0	1.6	227	8 / 80

6313

- Japanese type
- DIN ISO 5745





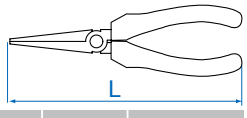


KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6313-06	6-1/2	169	4.0	2.8	1.8	1.6	140	10 / 100

6314

- Mini type
- DIN ISO 5745







KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	g	
6314-05	5-1/4	140	3.0	2.0	1.6	105	8 / 160

Extra Long Nose Pliers

- Grip material - PVC

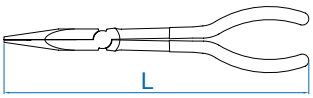
6319-11C

new

- Slim jaws design for gripping components in recessed areas.



KT NO.	L (inch)	L (mm)	g	pcs / box
6319-11C	11	280	317	6 / 48



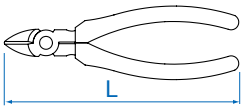
Diagonal Cutting Nippers

- Grip material - PP + TPR
- Polished heads

6211

- European type
- DIN 5749





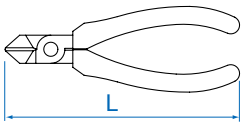


KT NO.	L (inch)	L (mm)	Cutting Capacities ø mm	ø mm	ø mm	ø mm	g	pcs / box
6211-06	6-1/2	163	4.0	2.8	2.0	1.6	180	8 / 96

6213

- Japanese type





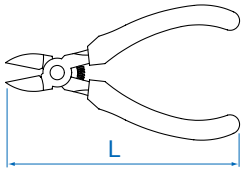


KT NO.	L (inch)	L (mm)	Cutting ø mm	Wire Stripper (mm)	g	pcs / box
6213-06	6-1/2	163	1.25	1.4 / 1.6	140	8 / 96

6214

- Mini type





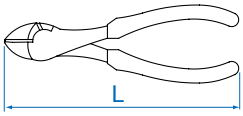


KT NO.	L (inch)	L (mm)	Ø Max. mm ø mm	g	pcs / box
6214-45	4-1/2	115	0.6	97	8 / 160
6214-05	5	127	1.25	105	8 / 160

6231

- Heavy duty type
- DIN ISO 5749







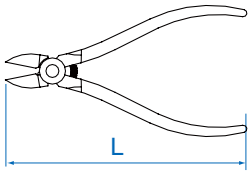
KT NO.	L (inch)	L (mm)	Cutting Capacities ø mm	ø mm	ø mm	ø mm	g	pcs / box
6231-07	7-1/2	188	4.0	3.0	2.2	2.0	220	8 / 80
6231-08	8	200	5.0	3.5	2.2	2.0	280	8 / 80

Plastic Pliers

6921

- European type
- Polished head





CAUTION

- In order to get normal life of pliers, do not cut steel wire.





KT NO.	L (inch)	L (mm)	Grip Material	g	
6921-05A	5	132	PP + TPR	89	6 / 120
6921-06A	6	155	PP + TPR	132	8 / 96
6921-07A	7	178	PP + TPR	170	6 / 60
6921-05C	5	132	PVC	89	6 / 120
6921-06C	6	155	PVC	132	6 / 60
6921-07C	7	178	PVC	170	6 / 60

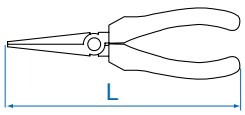
Bent Nose Pliers

• Grip material - PP + TPR

6331

- European type
- DIN ISO 5745





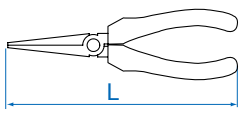


KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6331-06	6-1/2	163	4.0	2.8	1.8	1.6	148	10 / 100
6331-08	8	200	4.0	3.0	2.0	1.6	218	8 / 80

6334

- Mini type
- DIN ISO 5745







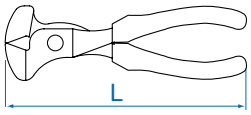
KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	g	
6334-05	5	127	3.0	2.0	1.6	105	8 / 160

End Cutting Pliers

6411

- European type
- Grip material - PP + TPR
- DIN ISO 5748





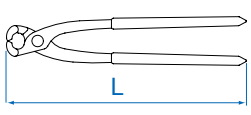


KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6411-06	6-1/2	163	4.0	3.0	1.6	1.6	240	8 / 80

6431

- European type
- Grip material - PVC
- DIN ISO 9242







KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	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

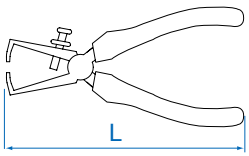


Stripping Pliers

6711

- With spring and adjusting screw







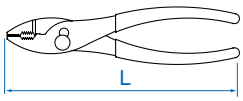
KT NO.	L (inch)	L (mm)	Ø mm	Wire Strpping (mm²)	g	
6711-06	6	155	5	10	160	8 / 80

Slip Joint Pliers

6463

- 2 position adjustment
- Serrate jaws







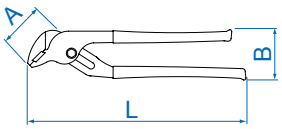
KT NO.	L (inch)	L (mm)	g	
6463-08C	8	210	290	8 / 80

Groove Joint Pliers

6511

- 7 positions opening
- DIN ISO 8976







6511-10A



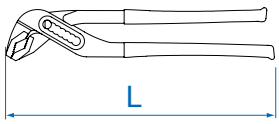
6511C

KT NO.	A (mm)	B (inch)	L (inch)	L (mm)	Material	(mm)	g	
6511-10A	33	50	10	253	PP+TPR	50	400	6 / 48
6511-10C	33	50	10	253	PVC	50	400	6 / 48
6511-13C	43	50	13	325	PVC	65	808	2 / 16
6511-17C	58	55	17	425	PVC	100	1150	2 / 12

6516

- German type
- 7 positions opening
- Grip material - PVC
- DIN ISO 8976







KT NO.	L (inch)	L (mm)	(mm)	g	
6516-10C	10	253	36	300	8 / 64

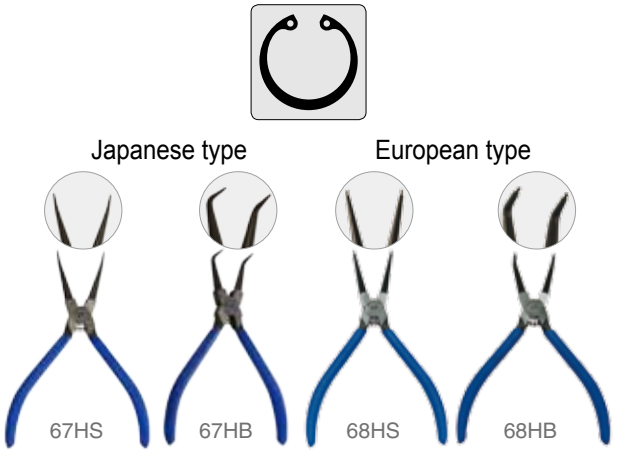
Circlip Pliers

67HS **67HB**
68HS **68HB**

- For internal retaining rings
- Straight and angled pattern
- DIN 5254 & DIN 5256

KT NO.	Straight / 90° angled	Overall Length (inch)	Overall Length (mm)	Ø- tips	Capacity Ø mm	g	
67HS-07		7	180	1.8	19~60	130	12 / 144
67HB-07		7	180	1.8	19~60	130	12 / 144

KT NO.	Straight / 90° angled	Overall Length (inch)	Overall Length (mm)	Ø- tips	Capacity Ø mm	g	
68HS-05		5	125	1.3	12~28	97	10 / 80
68HS-07		7	180	1.8	19~60	130	12 / 144
68HS-10		10	250	2.3	40~100	291	8 / 64
68HB-05		5	125	1.3	12~28	94	10 / 80
68HB-07		6-3/4	170	1.8	19~60	130	12 / 144
68HB-10		9-1/2	241	2.3	40~100	291	6 / 48

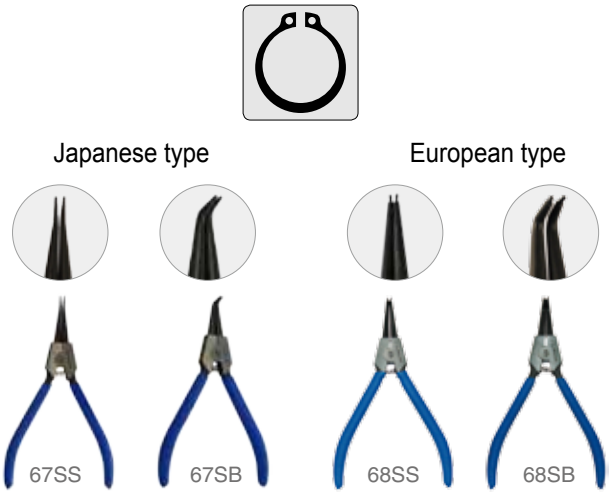


67SS **67SB**
68SS **68SB**

- For external retaining rings
- Straight and angled pattern
- DIN 5254 & DIN 5256

KT NO.	Straight / 90° angled	Overall Length (inch)	Overall Length (mm)	Ø- tips	Capacity Ø mm	g	
67SS-07		7	180	1.8	19~60	130	12 / 144
67SB-07		7	180	1.8	19~60	130	12 / 144

KT NO.	Straight / 90° angled	Overall Length (inch)	Overall Length (mm)	Ø- tips	Capacity Ø mm	g	
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

42104GP

KT NO.	PC./SET	Contents	1.17	1 / 18
42104GP	4	6111-06, 6211-06, 6311-08, 6511-10A		



42104GP01

KT NO.	PC./SET	Contents	1.17	1 / 18
42104GP01	4	6111-06, 6211-06, 6311-08, 6516-10		



42124GP new

KT NO.	PC./SET	Contents	1.48	1 / 18
42124GP	4	6111-08, 6231-08, 6311-08, 6511-10C		



Circlip Pliers Set

42114GP

KT NO.	PC./SET	Contents	0.62	1 / 32
42114GP	4	68HS-07, 68HB-07, 68SS-07, 68SB-07		



42116GP

KT NO.	PC./SET	Contents	1.33	1 / 18
42116GP	6	68HS-07, 68HB-07, 68HS-10, 68SS-07, 68SB-07, 68SS-10		



Combination Pliers

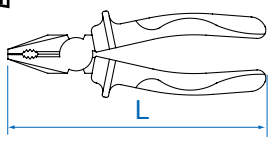
1000V

- Grip material-TPR
- Polished head

6116-07A **6116-08A**

- Chrome vanadium steel
- IEC DIN EN 60900







KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6116-07A	7-1/2	185	4.0	3.0	2.0	1.6	290	10 / 60
6116-08A	8	200	4.0	3.0	2.0	1.6	386	10 / 60

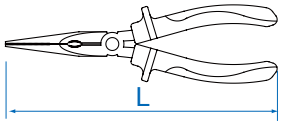
Long Nose Pliers

- Grip material-TPR
- Polished head

6318-08A

- Chrome vanadium steel
- IEC DIN EN 60900







KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6318-08A	8-1/4	210	4.0	3.0	2.0	1.6	250	10 / 60

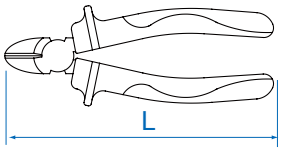
Diagonal Cutting Pliers

- Grip material-TPR
- Polished head

6216-06A

- Chrome vanadium steel
- IEC DIN EN 60900







KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6216-06A	6-1/2	167	4.0	2.8	2.0	1.6	230	10 / 60

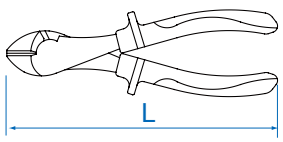
Heavy Duty Diagonal Cutting Pliers

- Grip material-TPR
- Polished head

6236-07A

- Chrome vanadium steel
- IEC DIN EN 60900







KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6236-07A	7-1/2	190	5.0	3.5	2.2	2.0	280	10 / 60

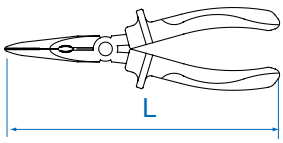
Bent Nose Pliers

- Grip material-TPR
- Polished head

6336-08A

- Chrome vanadium steel
- IEC DIN EN 60900







KT NO.	L (inch)	L (mm)	Cutting Capacties ø mm	ø mm	ø mm	ø mm	g	
6336-08A	8	200	4.0	3.0	2.0	1.6	250	10 / 60

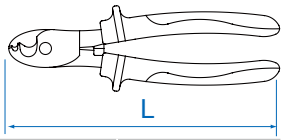
Cable Cutting Pliers

- Grip material-TPR
- Polished head

6146-08A

- Chrome vanadium steel
- IEC DIN EN 60900







KT NO.	L (inch)	L (mm)	Ø mm	g	
6146-08A	8-1/4	214	14	360	10 / 60

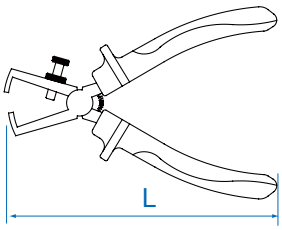
Wire Stripping Pliers

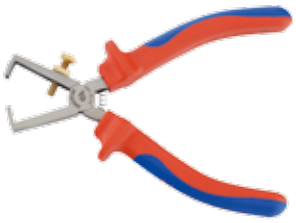
- Grip material-TPR
- Polished head
- With Spring

6716-06A

- Chrome vanadium steel
- IEC DIN EN 60900







KT NO.	L (inch)	L (mm)	Ø mm	Wire Stripper (mm²)	g	
6716-06A	6-1/4	160	5	10	205	10 / 60

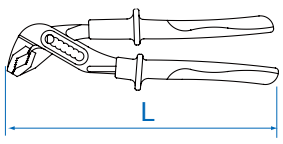
Water Pump Pliers

- Grip material-TPR.
- Polished head
- Box Joint

6516-10A

- Chrome vanadium steel
- IEC DIN EN 60900

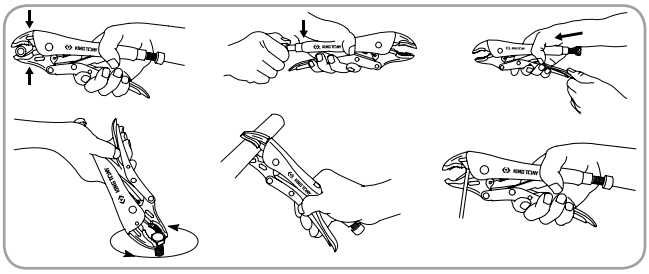






KT NO.	L (inch)	L (mm)	(mm)	g	
6516-10A	10	250	36	420	10 / 50

Lock Grip Pliers



- MATERIAL - chrome molybdenum alloy steel
- 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

KT NO.	Overall Length (inch)	Overall Length (mm)	Jaw Capacity (mm)	g	
6011-05R	5-1/2	140	29	166	6 / 48
6011-07R	7	185	38	367	8 / 32
6011-07N	7	185	38	367	8 / 32
6011-10R	9	225	48	542	8 / 32
6011-10N	9	225	48	542	8 / 32





6011R



6011N

6012

new

- V jaw with wire cutter
- With adjusting screw and release lever
- Jaw width 10mm, length 30mm
- ASME B107.24
- MATERIAL - 7" jaw: CR-V / Handle: CR-MO
  9" jaw: CR-MO / Handle: CR-MO
- FINISHING - Nickel Plated(N)

KT NO.	Overall Length (inch)	Overall Length (mm)	Jaw Capacity (mm)	g	
6012-07N	7	175	33	385	8 / 32
6012-10N	9	225	45	581	8 / 32





6031

- Straight jaw
- With adjusting screw and release lever
- Jaw width 10mm, length 30mm
- ASME B107.24

KT NO.	Overall Length (inch)	Overall Length (mm)	Jaw Capacity (mm)	g	
6031-07R	7	185	33	392	8 / 32
6031-07N	7	185	33	392	8 / 32
6031-10R	9	225	45	573	8 / 32
6031-10N	9	225	45	573	8 / 32





6031R



6031N

Miniature Long Nose Pliers

6315

- ASME B107.24

KT NO.	Overall Length (inch)	Overall Length (mm)	Jaw Capacity (mm)	g	
6315-06	6	165	51	205	8 / 64
6315-09	9	221	70	393	1 / 36





Lock Sheet Metal Grip Pliers

6605

- Material-chrome molybdenum alloy steel.
- Finishing-nickel plated.
- With adjusting screw and release lever
- Makes bending, forming, and crimping
- sheet metal easier.

KT NO.	Overall Length (inch)	Overall Length (mm)	Jaw Capacity (mm)	g	
6605-08	8	206	13	455	1 / 18





Lock Chain Grip Pliers

6655-09

- Chain can hold around any shape or size.
- Convenient for awkwardly shaped pieces.
- With adjusting screw and release lever.

KT NO.	Total Length (inch)	Total Length (mm)	Capacity (mm)	g	
6655-09	9	225	Ø 60~140	733	1 / 18





6665-09

- 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

KT NO.	Total Length (inch)	Total Length (mm)	Capacity (mm)	g	
6665-09	9	230	43	625	1 / 18



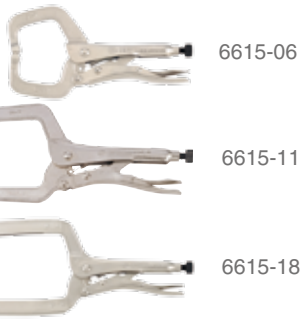


C-clamp Grip Pliers

6615

KT NO.	Total Length (inch)	Total 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



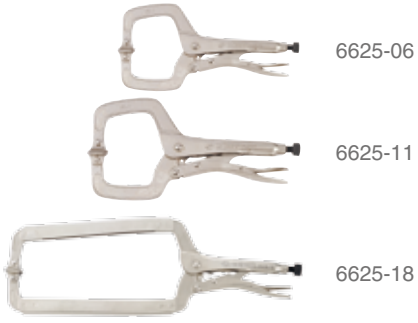


6625

- C-clamp grip pliers with moving jaw

KT NO.	Total Length (inch)	Total 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





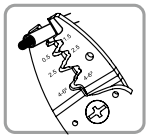
Crimping Tools

6721-10

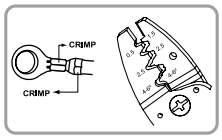
- Wire cutter.
- Crimps insulated terminals.
- Bolt cutter.
- Crimps non-insulated terminals.(Open barrel)
- Wire stripper.



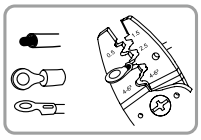
FUNCTION:



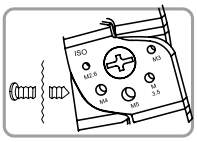
Wire cutter



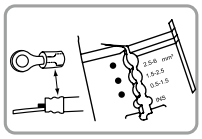
Open barrel terminal crimping



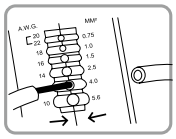
Non-Insulated terminal Crimping



Bolt-cutter



Insulated terminal Crimping



Wire stripper

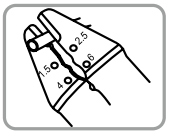
KT NO.	Wire cutter Ø mm²	Insulated terminal Crimping	Bolt-cutter	Non insulated terminal crimp	Open barrel terminal crimping	Wire stripper mm²	g	
6721-10	6	0.5~6	M2.6~5	0.5~6	1.5~6	0.75~6.0	248	5 / 50

6731-09

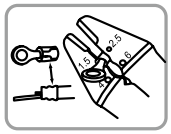
- Wire cutter.
- Crimps insulated terminals.
- Bolt cutter.
- Crimps non-insulated terminals.(Open barrel)
- Wire stripper.



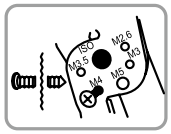
FUNCTION:



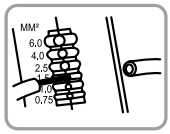
Wire cutter



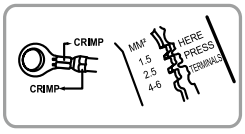
Insulated terminal Crimping



Bolt-cutter



Wire stripper



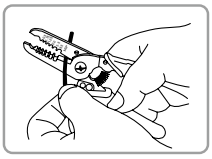
Open barrel terminal crimping

KT NO.	Wire cutter Ø mm²	Insulated terminal Crimping	Bolt-cutter	Open barrel terminal crimping	Wire stripper mm²	g	
6731-09	6	1.5~6	M2.6~5	1.5~6	0.75~6.0	230	5 / 50

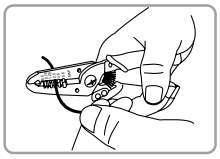
6741-06

- Wire cutter.
- Wire stripper.

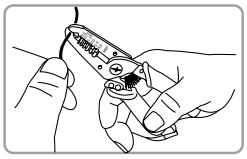
FUNCTION:



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

Cutting & Sawing

- Snips
- Utility Cutter
- Bolt Cutter
- Tube Cutter
- Saw
- File





Aviation Tin Snips

74010~74060

- Drop forged chorme molybdenum alloy steel.
- Blades with serrated edges.
- Perfect for professional user.
- 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 provided for longer life
  - High torsional strength spring designed for longer life
  - Solid and comfortable handle with non-slip design
  - Hang-up hole provided for convenient storage
  - Safety auto latch (D.PAT.)



KT NO.	Overall Length (mm)	Cutting Length (mm)	Color of Handle	Cutting Capacities (mm)				g	
				Copper (soft)	Cold-rolled Steel (soft)	Hard Steel HRC 30 (Hard)	Stainless Steel304		
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

Offset Tin Snips

74150~74160

- Offset blades keep hands away from metal.
- Unique design for professional users.
- Drop forged chrome molybdenum alloy steel blades with serrated edges.
- Induction hardened cutting edges 59-62 HRC.
- Cuts up to 1.2mm cold rolled steel or 0.7mm stainless steel.



KT NO.	Overall Length (mm)	Cutting Length (mm)	Color of Handle	Cutting Capacities (mm)				g	
				Copper (soft)	Cold-rolled Steel (soft)	Hard Steel HRC 30 (Hard)	Stainless Steel304		
74150	235	35	Red	1.50	1.20	1.00	0.70	4	6 / 48
74160	235	35	Blue	1.50	1.20	1.00	0.70	4	6 / 48

Figure Tin Snips

74250~74270

- Superior cutting performance.
- Popular in Europe.
- Features 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 for longer life
  - High torsional strength spring designed for longer life
  - Solid and comfortable handle with non-slip design
  - Hang-up hole provided 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)				g	
				Copper (soft)	Cold-rolled Steel (soft)	Hard Steel HRC 30 (Hard)	Stainless Steel304		
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

Offset Tin Snips

74350~74360

- Offset blades keep hands away from metal.
- Superior cutting performance.
- Popular in Europe.
- Features 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 for longer life
  - High torsional strength spring designed for longer life
  - Solid and comfortable handle with non-slip design
  - Hang-up hole provided for convenient storage
  - Safety auto latch (D.PAT.)



74350



74360

KT NO.	Overall Length (mm)	Cutting Length (mm)	Color of Handle	Cutting Capacities (mm)				g	
				Copper (soft)	Cold-rolled Steel (soft)	Hard Steel HRC 30 (Hard)	Stainless Steel304		
74350	260	32	Red	1.80	1.50	1.00	1.00	520	6 / 36
74360	260	32	Blue	1.80	1.50	1.00	1.00	520	6 / 36

Straight Pattern Snips

74407~74416

- American type.
- Popular for American & Asian users.
- One - piece forged construction.
- Cushion handle with smooth, comfortable bows for ease in use and safety.
- 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.



74407 ~ 74416

KT NO.	Overall Length (mm)	Cutting Length (mm)	Cutting Capacities (mm)				g	
			Copper (soft)	Cold-rolled Steel (soft)	Hard Steel HRC 30 (Hard)	Stainless Steel304		
74407	178	40	0.60	0.56	0.40	0.38	270	10 / 60
74408	203	40	0.70	0.61	0.50	0.41	340	8 / 48
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

74508~74514

- British type.
- Popular in British Confederation countries & Asia.
- One - piece forged construction.
- Comfortable vinyl coated handles.
- Drop forged of high carbon steel.
- Induction hardened cutting edges 58 - 61 HRC.



74508 ~ 74514

KT NO.	Overall Length (mm)	Cutting Length (mm)	Cutting Capacities (mm)				g	
			Copper (soft)	Cold-rolled Steel (soft)	Hard Steel HRC 30 (Hard)	Stainless Steel304		
74508	203	42	0.70	0.61	0.50	0.41	330	6 / 48
74510	245	52	0.94	0.78	0.60	0.45	440	6 / 36
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

74607~74613

- American type.
- Popular for American & Asian users.
- One - piece forged construction.
- Cushion handle with smooth, comfortable bows for ease in use and safety.
- 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.



74607 ~ 74613

KT NO.	Overall Length (mm)	Cutting Length (mm)	Cutting Capacities (mm)				g	
			Copper (soft)	Cold-rolled Steel (soft)	Hard Steel HRC 30 (Hard)	Stainless Steel304		
74607	178	40	0.60	0.54	0.38	0.38	250	10 / 60
74610	254	51	0.94	0.61	0.45	0.45	460	6 / 36
74613	330	72	1.20	0.84	0.61	0.61	720	6 / 24

Steel Strap Cutter

74900

- One - piece forged construction.
- Durable vinyl coated handles.
- Drop forged of high carbon steel.
- Induction hardened cutting edges 58-61 HRC.
- Cuts up to 28mm in width, 0.8mm in thickness.



74900

KT NO.	Overall Length (mm)	Cutting Length (mm)	Cutting Capacities (mm)				g	
			Copper (soft)	Cold-rolled Steel (soft)	Hard Steel HRC 30 (Hard)	Stainless Steel304		
74900	305	32	-	1.00	0.80	0.60	750	6 / 24

Electrician Scissors

- Grip material - PP + TPR

6AB12-55

- Electronic scissors



KT NO.	Overall Length (mm)	(mm)	Cutting Capacities (mm)							g	
			Electric Cable	Cardboard	Rubber	Leather	Rolled Steel	Copper (soft)	Aluminum		
6AB12-55	145	55	10	10	10	10	0.5	0.5	0.5	94	12 / 72

Utility Cutter

7971-07

- Automatically reloading snap-off blades.
- Ergonomic soft ABS TPR handle.
- Stainless steel blade guide.
- Blade lock knob.
- 4-blade cartridge(18mm).

KT NO.	L (mm)	g	
7971-07	165	180	12 / 72



7971-07P02
(18mm, 10 PC.)





7976-65

KT NO.	L (mm)	g	
7976-65	165	82	8 / 64



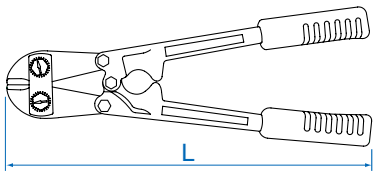
Bolt Cutter

6131 GS / TUV

- Chrome vanadium alloy steel
- Center cut

KT NO.	Total Length (inch)	Total Length (mm)	Capacity ø (mm)	kg	
6131-12	12	300	5	0.76	1 / 20
6131-14	14	350	7	1.00	1 / 20
6131-18	18	450	8	1.51	1 / 12
6131-24	24	600	10	2.35	1 / 10
6131-30	30	750	13	3.75	1 / 6
6131-36	36	900	16	5.50	1 / 5
6131-42	42	1050	18	8.56	1 / 3





6131P01

- Spare blade for 6131
- Center cut

KT NO.	Total Length (mm)	Capacity ø (mm)	kg	
6131-12P01	95 x 57	5	0.26	40
6131-14P01	110 x 65	7	0.40	40
6131-18P01	125 x 72	8	0.85	20
6131-24P01	150 x 86	10	0.87	20
6131-30P01	170 x 97	13	1.25	10
6131-36P01	190 x 112	16	1.85	10
6131-42P01	205 x 122	18	3.10	5



Ratchet Tubing Cutter

EASY OPERATION

INNOVATIVE FEATURES:

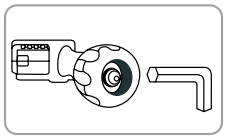
- Cuts without having to rotate tool completely around tubing.
- Ratchet mechanism allows for tight area operation.
- Cuts through some of the toughest surfaces: **stainless steel, wall conduit, copper andaluminum.**
- Exclusive one hand operation. Limited risks of hand-fatigue and injuries.



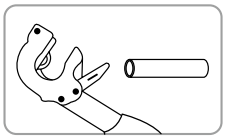
7912-21
7912-22

- Comes with spare blade.
- Provided with foldable reamer.

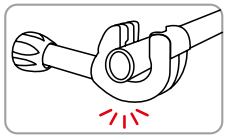
- Use standard hex key to remove back-up blade located in the handle base.



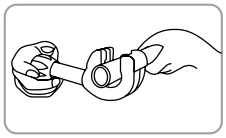
- Deploy foldable reamer provided to smoothen sharp edges.



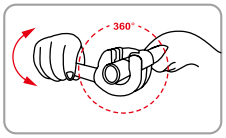
1. Place tube securely between cutter jaws.



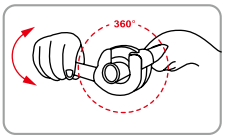
2. Rotate clock-wise to tighten jaw grip.



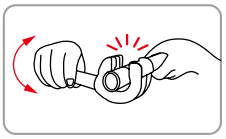
3. Pull knob out, down & release in a single action to start cutting procedure.



4. Repeat "Up & Down" action until open face up.



5. Tighten tool around the tube when needed. Repeat each actions until tube is cut.



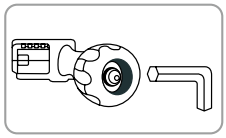
KT NO.	CAPACITY ø (mm)	Max. Cutting Thickness(mm)		Remark	g	
		Stainless	Other			
7912-21	8-28.5	2	3.0	spare blade	389	1 / 40
7912-22	12-35	2	3.0	spare blade / reamer	452	1 / 40

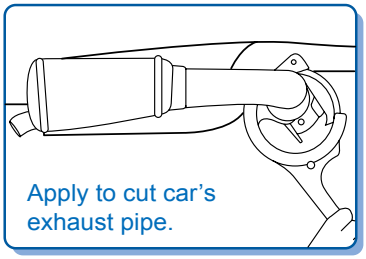
7912-23

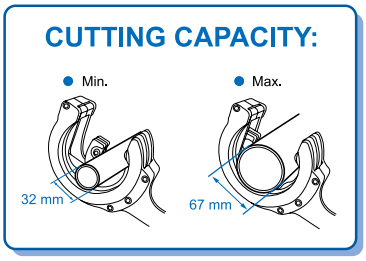
- Comes with spare blade.
- Apply to cut car's exhaust pipe.



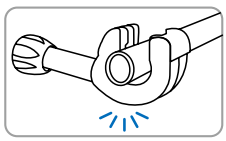
- Use standard hex key to remove back-up blade located in the handle base.



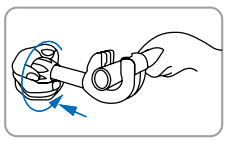




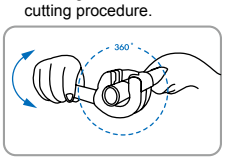
1. Place tube securely between cutter jaws.



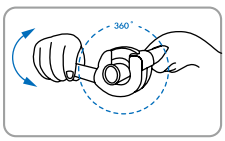
2. Rotate clock-wise to tighten jaw grip.



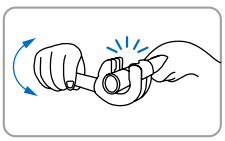
3. Pull knob out, down & release in a single action to start cutting procedure.



4. Repeat "Up & Down" action until open face up.



5. Tighten tool around the tube when needed. Repeat each actions until tube is cut.



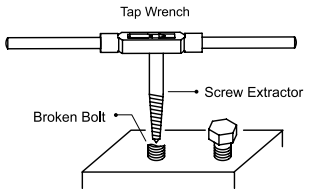
KT NO.	CAPACITY ø (mm)	Max. Cutting Thickness(mm)		Remark	g	
		Stainless	Other			
7912-23	32-67	2	3.0	spare blade	1122.6	1 / 10

Screw Extractor Set

11205SQ

- Quick and easy way to remove broken screw, pipe, bolt and stud

KT NO.	PC./SET	Contents	103	25 / 100
11205SQ	5	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"	







Saw

7911-12

- Sliding metal bow
- Lightweight, resistant to anti oxidization
- Two blade positions 45° and 90° including flush cut
- Ergonomics handle with hand stop oil resistant, moisture-resistant

KT NO.	Adjustable Blade Length (mm)	Overall Length (mm)		
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

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.

KT NO.	Adjustable Blade Length (mm)	Overall Length (mm)		
7921-12	300	510	555	1 / 50



Second Cut File & Set

1005GQ 1015GQ

- 8" &10" second cut files with handle
- Available with T2 cut for precision work

KT NO.	Contents				L (inch)	kg	
1005GQ (for 8")	▮	75102-08G	▲	75402-08G	8"	0.9	1 / 20
	◖	75202-08G	■	75502-08G			
	●	75302-08G					
1015GQ (for 10")	▮	75102-10G	▲	75402-10G	10"	1.4	1 / 8
	◖	75202-10G	■	75502-10G			
	●	75302-10G					



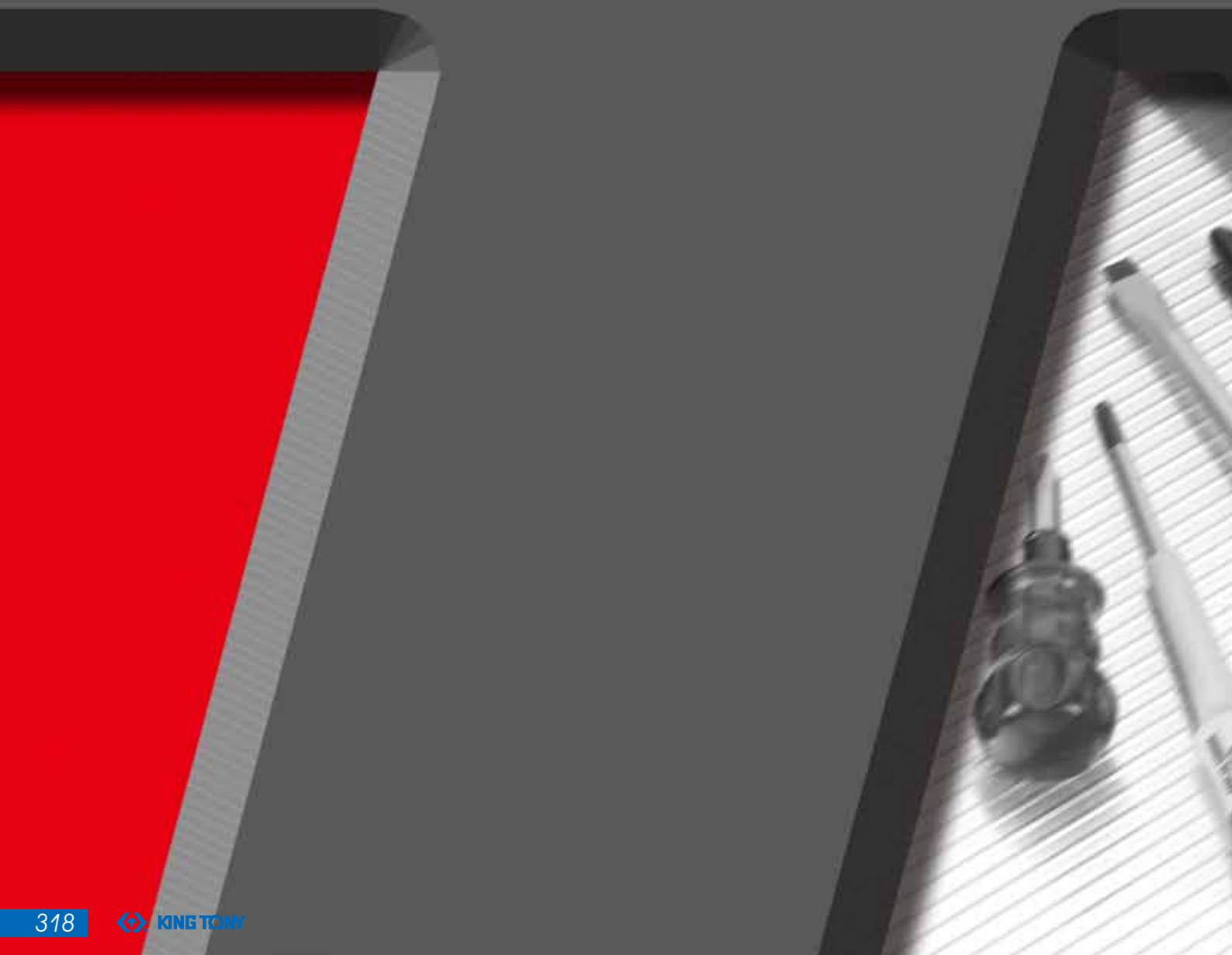
1005GQ / 1015GQ



Notes

Screwdrivers & Hex Key & Bits

- *Screwdriver*
- *Insulated Screwdriver*
- *Precision Screwdriver*
- *Bit*
- *Power Bit*
- *Hex Key*





Screwdriver

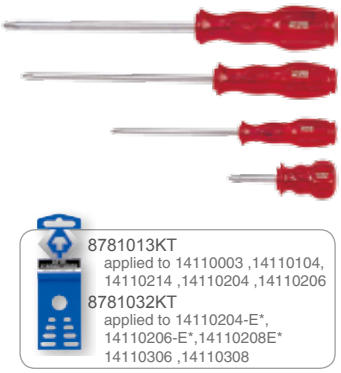
- Shank material - CR-V alloy steel
- Grip material - PVC
- Finishing - chrome plated
  It is used in the working environment less than 60° C

⊕ 1411

- PHILLIPS head, round shank
- Metric size
- DIN ISO 8764

KT NO.	⊕ No.	mm(inch)	mm	g	
14110003	0	75(3")	3.0	40	12 / 240
14110104	1	100(4")	5.0	52	12 / 240
14110214	2	38(1-1/2")	6.0	38	12 / 144
14110204	2	100(4")	6.0	74	12 / 96
14110204-E*	2	100(4")	6.0	109	12 / 96
14110205-E*	2	125(5")	6.0	113	12 / 144
14110206	2	150(6")	6.0	95	12 / 144
14110206-E*	2	150(6")	6.0	119	12 / 144
14110208-E*	2	200(8")	6.0	137	12 / 144
14110306	3	150(6")	8.0	132	12 / 144
14110308	3	200(8")	8.0	151	12 / 144

** Enlarged handle*



⊖ 1412

- SLOTTED head, round shank
- Metric size
- DIN ISO 2380

KT NO.	mm(inch)	mm	mm(inch)	mm	g	
14120303	3.0(1.8")	0.5	75(3")	3	40	12 / 240
14120404	4.0(5/32")	0.8	100(4")	4	52	12 / 240
14125504	5.5(7/32")	0.8	100(4")	5	38	12 / 144
14126514	6.5(1/4")	1.2	38(1-1/2")	6	74	12 / 96
14126504	6.5(1/4")	1.2	100(4")	6	109	12 / 96
14126504-E*	6.5(1/4")	1.2	100(4")	6	113	12 / 144
14126506	6.5(1/4")	1.2	150(6")	6	95	12 / 144
14126506-E*	6.5(1/4")	1.2	150(6")	6	119	12 / 144
14120806	8.0(5/16")	1.2	150(6")	8	137	12 / 144
14120808	8.0(5/16")	1.2	200(8")	8	132	12 / 144

** Enlarged handle*



⊕⊖ 2411

- Two-way screwdriver hex shank

KT NO.	⊕ No.	mm	mm	mm(inch)	g	
24110204	2	7.0	1.2	100(4")	74	20 / 160
24110214	2	7.0	1.2	38(1-1/2")	42	20 / 240



Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP +TPR
- Finishing - chrome plated with black tip

⊕ 1421

- PHILLIPS head, round shank.
- Metric size
- DIN ISO 8764





8781013KT
applied to 14210023, 14210132 14210104, 14210204, 14210206
8781032KT
applied to 14210306

KT NO.	⊕ No.	mm(inch)	mm	g	
14210023	0	60(2-3/8")	3.2	35	12 / 144
14210132	1	80(3-1/8")	4.5	43	12 / 96
14210104	1	100(4")	4.5	52	12 / 96
14210214	2	38(1-1/2")	6.0	38	12 / 144
14210204	2	100(4")	6.0	74	12 / 96
14210206	2	150(6")	6.0	95	12 / 144
14210306	3	150(6")	8.0	132	12 / 144



1421xx12
1421xx16

KT NO.	⊕ No.	mm(inch)	mm	g	
14210112	1	300(12")	4.5	80	12 / 96
14210212	2	300(12")	6.0	127	12 / 96
14210116	1	400(16")	4.5	93	12 / 96
14210216	2	400(16")	6.0	150	12 / 96

⊖ 1422

- SLOTTED head, round shank.
- Metric size
- DIN ISO 2380





8781013KT
applied to 14220303, 14220404, 14220503, 14220504, 14225503 14225504, 14225505, 14225506, 14226504, 14226506, 14220806, 14220807, 14220808
8781032KT
applied to 14220806, 14220807, 14220808

KT NO.	mm(inch)	mm	mm(inch)	mm	g	
14220303	3.0(1/8")	0.5	75(3")	3	36	12 / 144
14220404	4.0(5/32")	0.8	100(4")	4	42	12 / 96
14220503	5.0(3/16")	0.8	75(3")	5	40	12 / 96
14220504	5.0(3/16")	0.8	100(4")	5	45	12 / 96
14225503	5.5(7/32")	1.0	75(3")	5	50	12 / 96
14225504	5.5(7/32")	1.0	100(4")	5	60	12 / 96
14225505	5.5(7/32")	1.0	125(5")	5	70	12 / 144
14225506	5.5(7/32")	1.0	150(6")	5	80	12 / 144
14226514	6.5(1/4")	1.2	38(1-1/2")	6	39	12 / 144
14226504	6.5(1/4")	1.2	100(4")	6	60	12 / 96
14226506	6.5(1/4")	1.2	150(6")	6	85	12 / 144
14220806	8.0(5/16")	1.2	150(6")	8	130	12 / 144
14220807	8.0(5/16")	1.2	175(7")	8	141	12 / 144
14220808	8.0(5/16")	1.2	200(8")	8	152	12 / 144



1422xx12
1422xx16

KT NO.	mm(inch)	mm	mm(inch)	mm	g	
14220512	5.0(3/16")	0.8	300(12")	5	105	12 / 96
14220516	5.0(3/16")	0.8	400(16")	5	121	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

Screwdriver

- Silicon chrome vanadium alloy steel (S2)
- Finishing - chrome plated with black tip

1423

- For torx head screw, round shank

KT NO.		mm(inch)	mm	g	
new 14230602	T6	48(2")	3.2	47	12 / 144
new 14230702	T7	48(2")	3.2	47	12 / 144
14230803	T8	75(3")	3.2	49	12 / 240
14230903	T9	75(3")	3.2	49	12 / 240
14231003	T10	75(3")	3.2	49	12 / 144
14231503	T15	75(3")	4.0	55	12 / 96
new 14231510	T15	250(10")	5.0	84	12 / 144
14232004	T20	100(4")	5.0	53	12 / 96
new 14232010	T20	250(10")	5.0	84	12 / 96
14232504	T25	100(4")	6.0	83	12 / 144
new 14232510	T25	250(10")	6.0	129	12 / 96
14232704	T27	100(4")	6.0	83	12 / 144
14233005	T30	125(5")	6.0	89	12 / 144
new 14233010	T30	250(10")	6.0	130	12 / 96
14234006	T40	150(6")	8.0	142	12 / 144





8781013KT
applied to 14230803, 14230903
14231003, 14231503, 14232004
14232504, 14232704, 14233005
8781032KT
applied to 14234006

14232010, 14232510, 14233010 at the dashboard, car body, engine compart ment as well as in industry.

1427

- For torx head screw, round shank
- Tamper resistant type

KT NO.		mm(inch)	mm	g	
14270803	T8	75(3")	3.2	49	12 / 240
14270903	T9	75(3")	3.2	49	12 / 240
14271003	T10	75(3")	3.2	49	12 / 144
14271503	T15	75(3")	4.0	55	12 / 96
14272004	T20	100(4")	5.0	53	12 / 96
14272504	T25	100(4")	6.0	83	12 / 144
14272704	T27	100(4")	6.0	83	12 / 144
14273005	T30	125(5")	6.0	89	12 / 144
14274006	T40	150(6")	8.0	142	12 / 144





8781013KT
applied to14270803, 14270903
14271003, 14271503, 14272004
14272504, 14272704, 14273005
8781032KT
applied to 14274006

Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

1428

- POZIDRIV head, round shank
- Metric size
- DIN ISO 8764

KT NO.	No.	mm(inch)	mm	g	
14280023	0	60(2-3/8")	3.2	35	12 / 96
14280132	1	80(3-1/8")	4.5	43	12 / 96
14280104	1	100(4")	4.5	52	12 / 96
14280204	2	100(4")	6.0	74	12 / 96
14280306	3	150(6")	8.0	132	12 / 144





8781013KT
applied to 14280023, 14280132,
14280104, 14280204
8781032KT
applied to 14280306

1424

- SQUARE head
- Metric size

KT NO.	No.	mm	mm	g	
14240105	1	125	5.0	64	20 / 240
14240204	2	100	6.0	87	12 / 144
14240206	2	150	6.0	102	12 / 144



Screwdriver Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

⊕ 31107MR new
⊖ 30118MR
⊕⊖ 30115MR
⊕⊖ 31116MR
⊕⊖ 31216MR
⊕⊖ 30117MR
✱⊖ 30127MR
✪ 30315PR new
✪ 30317PR
✪ 30319PR
✪ 30307PR
✪ 30309PR

KT NO.	PC./SET	Contents			0.7 kg	1 / 20
new 31107MR	7	⊕	1421	No.0 x 60, No.1 x 80, No.1 x 100, No.2 x 38, No.2 x 100, No.2 x 150, No.3 x 150		

KT NO.	PC./SET	Contents			0.87 kg	1 / 20
30118MR	8	⊖	1422	3 x 75, 5 x 75, 5 x 100, 8 x 150, 8 x 200, 6.5 x 100, 6.5 x 150, 6.5 x 38		

KT NO.	PC./SET	Contents			0.54 kg	1 / 20
30115MR	5	⊕	1421	No.1 x 80, No.2 x 100		
		⊖	1422	4 x 100, 5.5 x 125, 6.5 x 150		

KT NO.	PC./SET	Contents			0.56 kg	1 / 20
31116MR	6	⊕	1421	No.0 x 60, No.1 x 80, No.2 x 100		
		⊖	1422	3 x 75, 5.5 x 100, 6.5 x 150		

KT NO.	PC./SET	Contents			0.56 kg	1 / 20
31216MR	6	⊕	1421	No.1 x 80, No.2 x 100		
		⊖	1422	5 x 75, 5 x 100, 6.5 x 100, 6.5 x 150		

KT NO.	PC./SET	Contents			0.72 kg	1 / 20
30117MR	7	⊕	1421	No.1 x 80, No.2 x 100		
		⊖	1422	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150, 8 x 175		

KT NO.	PC./SET	Contents			0.82 kg	1 / 20
30127MR	7	✱	1428	No.1 x 80, No.2 x 100, No.3 x 150		
		⊖	1422	4 x 100, 5.5 x 125, 6.5 x 150, 8 x 175		

KT NO.	PC./SET	Contents			0.37 kg	1 / 20
new 30315PR	5	✪	1423	T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125		

KT NO.	PC./SET	Contents			0.78 kg	1 / 20
30317PR	7	✪	1423	T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150		

KT NO.	PC./SET	Contents			0.88 kg	1 / 20
30319PR	9	✪	1423	T8 x 75, T9 x 75, T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150		

KT NO.	PC./SET	Contents			0.78 kg	1 / 20
30307PR	7	✪	1427	T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150		

KT NO.	PC./SET	Contents			0.88 kg	1 / 20
30309PR	9	✪	1427	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		


31107MR


30118MR


30115MR


31116MR


31216MR


30117MR


30127MR


30315PR


30317PR


30319PR


30307PR


30309PR

Heavy Duty Screwdriver & Set

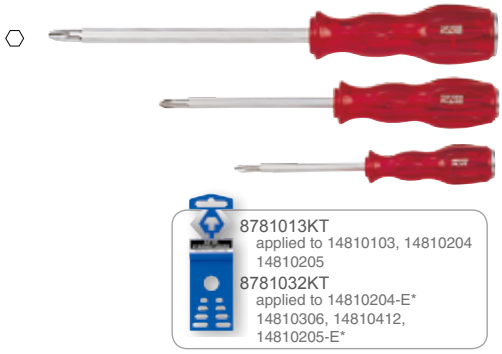
- Shank material - CR - V alloy steel
- Grip material - PVC
- Finishing - chrome plated
  It is used in the working environment less than 60° C

⊕ 1481

- PHILLIPS head, hex-shank
- Metric size
- DIN ISO 8764

KT NO.	⊕ No.	mm(inch)	mm	g	
14810103	1	75(3")	5.0	70	12 / 240
14810204	2	100(4")	6.0	90	12 / 144
14810204-E*	2	100(4")	6.0	130	12 / 96
14810205	2	125(5")	6.0	115	12 / 144
14810205-E*	2	125(5")	6.0	170	12 / 144
14810306	3	150(6")	8.0	206	12 / 144
14810412	4	300(12")	10.0	362	10 / 40

** Enlarged handle*



8781013KT
applied to 14810103, 14810204
14810205
8781032KT
applied to 14810204-E*
14810306, 14810412,
14810205-E*

⊖ 1482

- SLOTTED head, hex-shank
- Metric size
- DIN ISO 2380

KT NO.	mm(inch)	mm	mm(inch)	mm	g	
14825503	5.5(7/32")	0.8	75(3")	5.0	70	12 / 240
14826504	6.5(1/4")	1.2	100(4")	6.0	90	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	185	12 / 144
14821012	10.0(12/32")	1.6	300(12")	10.0	337	10 / 40

** Enlarged handle*



8781013KT
applied to 14825503, 14826504
8781032KT
applied to 114826504-E*
14826505,14826505-E*
14820806, 14821012

⊖⊕ 35114MR

- 14 PC. standard & insulated screwdriver set

KT NO.	Contents			2.2	1 / 4
35114MR	⊕		1411	No.0 x 75, No.1 x 100, No.2 x 100, No.2 x 150, No.2 x 38, No.3 x 150	
	⊖		1412	3 x 75, 4 x 100, 5.5 x 100, 6.5 x 150, 6.5 x 38, 8 x 200	
	⊖		1472	6.5 x 150	
	⊖		1482	10 x 300	



⊖⊕ 35114MR01 new

- 14 PC. standard & insulated screwdriver set

KT NO.	Contents			2.2	1 / 4
35114MR01	⊕		1411	No.0 x 75, No.1 x 100, No.2 x 100, No.2 x 150, No.2 x 38, No.3 x 150	
	⊖		1412	3 x 75, 4 x 100, 5.5 x 100, 6.5 x 150, 6.5 x 38, 8 x 200	
	⊕		1478	2 x 100	
	⊖		1482	10 x 300	



Heavy Duty Screwdriver & Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tips

⊕ 1461

- PHILLIPS head, hex-shank
- Metric size
- DIN ISO 8764

KT NO.	⊕ No.	mm(inch)	mm	g	
14610103	1	75(3")	5.0	110	12 / 96
14610204	2	100(4")	6.0	125	12 / 96
14610306	3	150(6")	8.0	206	12 / 144

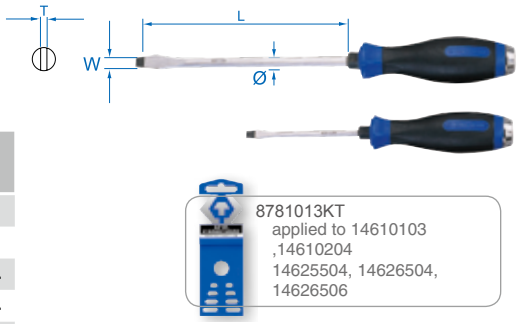


8781013KT
applied to 14610306, 14620807

⊖ 1462

- SLOTTED head, hex-shank
- Metric size
- DIN ISO 2380

KT NO.	mm(inch)	mm	mm(inch)	mm	g	
14625504	5.5(7/32")	1.0	100(4")	5.0	113	12 / 96
14626504	6.5(1/4")	1.2	100(4")	6.0	132	12 / 96
14626506	6.5(1/4")	1.2	150(6")	6.0	155	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	216	12 / 144



8781013KT
applied to 14610103 ,14610204 14625504, 14626504, 14626506

⊖⊕ 30206MR

- 6 PC. screwdriver set

KT NO.	PC./SET	Contents			kg 1.2	1 / 20
30206MR	6	⊕		1461	No.1 x 75, No.2 x 100, No.3 x 150	
		⊖		1462	5.5 x 100, 6.5 x 150, 8.0 x 175	



Nutspinner & Set

- Shank material - chrome vanadium alloy steel
- Grip material - PP + TPR
- Shank finishing - chrome plated
- Shank length - 125mm

1450

KT NO.	mm	mm	mm	mm	g	
1450 - 04	4	4.5	125	223	70	12 / 144
1450 - 45	4.5	4.5	125	223	65	12 / 144
1450 - 05	5	5.0	125	223	75	12 / 144
1450 - 55	5.5	5.0	125	223	75	12 / 144
1450 - 06	6	6.0	125	223	75	12 / 144
1450 - 07	7	6.0	125	223	75	12 / 144
1450 - 08	8	7.0	125	235	100	12 / 144
1450 - 09	9	7.0	125	235	105	12 / 144
1450 - 10	10	8.0	125	235	105	12 / 144
1450 - 11	11	9.0	125	245	160	12 / 144
1450 - 12	12	10.0	125	245	160	12 / 144
1450 - 13	13	10.0	125	245	160	10 / 120



5450

KT NO.	inch	mm	mm	mm	g	
5450-08	1/4	6	125	223	100	12 / 144
5450-10	5/16	7	125	223	105	12 / 144



Flexible Hex Nut-Driver



1453

- Flexible blade
- for the hose clamps on radiator hoses

KT NO.	inch	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



Screwdriver Set

31512MR / MR01

• 72 PC. standard heavy duty screwdriver shelf set

KT NO.	Contents				Each Q'ty
31512MR	⊕	1481	No.2 x 125	⊕⊖ 24110204 No.2 x 100	6
	⊖	1482	6.5 x 150	⊕⊖ 24110214 No.2 x 38	
31512MR01	⊕	1481	No.2 x 125E*	⊕ 1481 No.2 x 100, No.1 x 75, No.2 x 100E*, No.3 x 150	
	⊖	1482	6.5 x 125E*	⊖ 1482 5.5 x 75, 6.5 x 100, 6.5 x 100E*, 8 x 150	



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

• 96 PC. screwdriver shelf set

KT NO.	Contents			Each Q'ty
31416MR	⊕	1421	No.0 x 60, No.1 x 80, No.1 x 100, No.2 x 38, No.2 x 100, No.2 x 150, No.3 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	



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

• 96 PC. standard & heavy duty screwdriver shelf set

KT NO.	Contents			Each Q'ty
31516MR	✡	1427	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	6
	⊕	1461	No.1 x 75, No.2 x 100, No.3 x 150	
	⊖	1462	5.5 x 100, 6.5 x 100, 6.5 x 150, 8.0 x 175	



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

• 114 PC. screwdriver shelf set

KT NO.	Contents			Each Q'ty
31519MR	⊕	1411	No.0 x 75, No.1 x 100, No.2 x 100, No.2 x 100E*, No.2 x 150, No.2 x 150E*, No.2 x 38, No.3 x 150, No.3 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*	



Screwdriver shelf size (mm) : 650 x 250 x 210

KT NO.	kg	Cuft
31519MR-A	3.5	1.21
31519MR-D	10.34	0.714

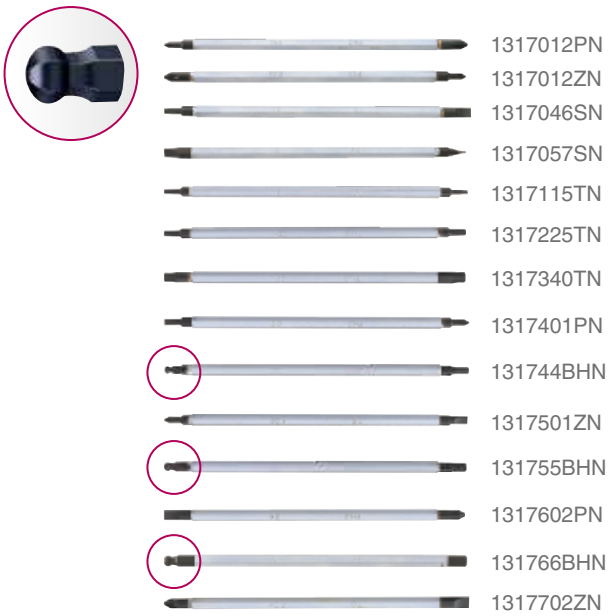
** Enlarged handle*

Power Bit

- Bits for screwdriver handle 91232
- Material - SNCM - V alloy steel

1317

KT NO.	No.		(mm)	(inch)	g	
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	4.0	4.0	175	7	45	40 / 400
1317501ZN	5.0	PZ1	175	7	45	40 / 400
131755BHN	5.0	5.0	175	7	45	40 / 400
1317602PN	6.0	PH2	175	7	45	40 / 400
131766BHN	6.0	6.0	175	7	45	40 / 400
1317702ZN	7.0	PZ2	175	7	45	40 / 400



Screwdriver Handle

91232

KT NO.	(mm)	(inch)	g	
91232	135	5-1/4	84	12 / 144





Screwdriver Set

- Shank material - chrome vanadium alloy steel
- Grip material - PP + TPR
- Shank finishing - chrome plated
- Shank length - 125mm

32518MR

▪ 11 PC. two-way screwdriver set

Blow case size (mm) : 233 x 120 x 43 (0.07cuft)

KT NO.	Contents				0.7	1 / 20
32518MR	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	4.0				4.0
	131755BHN	5.0				5.0
	131766BHN	6.0				6.0
	91232					



32518MR01

▪ 11 PC. two-way screwdriver set

Blow case size (mm) : 233 x 120 x 43 (0.07cuft)

KT NO.	Contents				0.7	1 / 20
32518MR01	1317115TN	T10				T15
	1317225TN	T20				T25
	1317340TN	T30				T40
	1317401PN	4.0				PH1
	131744BHN	4.0				4.0
	1317501ZN	5.0				PZ1
	131755BHN	5.0				5.0
	1317602PN	6.0				PH2
	131766BHN	6.0				6.0
	1317702ZN	7.0				PZ2
	91232					



32518MR02

▪ 11 PC. two-way screwdriver set

Blow case size (mm) : 233 x 120 x 43 (0.07cuft)

KT NO.	Contents				0.7	1 / 20
32518MR02	1317115TN	T10				T15
	1317225TN	T20				T25
	1317340TN	T30				T40
	1317401PN	4.0				PH1
	131744BHN	4.0				4.0
	1317012PN	PH1				PH2
	131755BHN	5.0				5.0
	1317602PN	6.0				PH2
	131766BHN	6.0				6.0
	1317057SN	5.0				7.0
	91232					



Insulated Screwdriver & Set

1000V

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

1471

- PHILLIPS head, round shank
- Metric size
- IEC 60900:2004



KT NO.	No.	mm(inch)	mm	g	
14710003	0	75(3")	3.0	37	12 / 144
14710104	1	100(4")	4.5	54	12 / 216
14710204	2	100(4")	6.0	77	12 / 144
14710306	3	150(6")	8.0	135	12 / 144

1478

- POZIDRIV head, round shank
- Metric size
- IEC 60900:2004



KT NO.	No.	mm(inch)	mm	g	
14780003	0	75(3")	3.0	37	12 / 144
14780104	1	100(4")	4.5	54	12 / 96
14780204	2	100(4")	6.0	77	12 / 144
14780306	3	150(6")	8.0	135	12 / 144

1472

- SLOTTED head, round shank
- Metric size
- 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(8")	8.0	143	12 / 144

30607MR

30617MR

KT NO.	PC./SET	Contents	kg 0.86	1 / 20
30607MR	7	No.1 x 100, No.2 x 100, No.3 x 150		
		4 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 175		
30617MR		No.1 x 100, No.2 x 100, No.3 x 150		
		4 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 175		



30607MR



30617MR

Precision Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

1431

- PHILLIPS head, hex-shank
- Metric size
- DIN ISO 8764

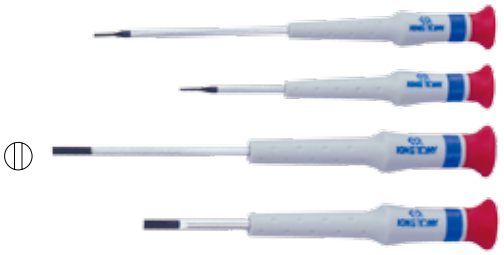
KT NO.	No.	Ø (mm)	(mm)	g	
14313015	No.000	2.0	40	7	10 / 320
14312015	No.00	2.5	40	7	10 / 320
14311015	No.0	3.0	40	13	10 / 100
14311115	No.1	4.0	40	16	10 / 100
14313003	No.000	2.0	75	8	10 / 320
14312003	No.00	2.5	75	8	10 / 320
14311003	No.0	3.0	75	14	10 / 100
14311103	No.1	4.0	75	18	10 / 100



1432

- SLOTTED head, round shank
- Metric size
- DIN 5263

KT NO.	mm	mm	mm	mm	g	
14320615	0.6	0.15	40	0.6	9	10 / 320
14320815	0.8	0.20	40	0.8	9	10 / 320
14321015	1.0	0.20	40	1.0	9	10 / 320
14321515	1.5	0.25	40	1.5	10	10 / 320
14321815	1.8	0.27	40	1.8	10	10 / 320
14322015	2.0	0.30	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	0.55	40	3.5	14	10 / 100
14324015	4.0	0.60	40	4.0	16	10 / 100
14321003	1.0	0.20	75	1.0	11	10 / 320
14321503	1.5	0.25	75	1.5	11	10 / 320
14321803	1.8	0.27	75	1.8	11	10 / 320
14322003	2.0	0.30	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	0.55	75	3.5	16	10 / 100
14324003	4.0	0.60	75	4.0	18	10 / 100



1433

- For torx head, round shank

KT NO.	No.	Ø (mm)	(mm)	g	
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	g	
91230	100	12	10 / 100



2431

- Screwdriver blade for 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	g	
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

- Screwdriver blade for combination type
- Torx head, hexagonal shank
- Blade material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

KT NO.	SIZE	mm	mm	g	
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

32108MR
32118MR
32209MR
32218MR
32309PR
32607MR

KT NO.	PC/SET	Contents			0.32	1 / 30
32218MR	8	⊖		1432	1.0 x 75, 1.5 x 75, 1.8 x 75, 2.0 x 75, 2.5 x 75,3.0 x 75, 3.5 x 75, 4.0 x 75	

KT NO.	PC/SET	Contents			0.26	1 / 30
32209MR	9	⊖		1432	0.8 x 40, 1.0 x 40, 1.5 x 40, 1.8 x 40, 2.0 x 40, 2.5 x 40, 3.0 x 40, 3.5 x 40, 4.0 x 40	

KT NO.	PC/SET	Contents			0.24	1 / 30
32108MR	8	⊕		1431	No.000 x 40, No.00 x 40, No.0 x 40, No.1 x 40	
		⊖		1432	1.5 x 40, 2.0 x 40, 2.5 x 40, 3.0 x 40	

KT NO.	PC/SET	Contents			0.32	1 / 30
32118MR	8	⊕		1431	No.000 x 75, No.00 x 75, No.0 x 75, No.1 x 75	
		⊖		1432	1.5 x 75, 2.0 x 75, 2.5 x 75, 3.0 x 75	

KT NO.	PC/SET	Contents			0.26	1 / 30
32309PR	8	✱		1433	T4 x 40, T5 x 40, T6 x 40, T7 x 40, T8 x 40, T9 x 50, T10 x 50, T15 x 50, T20 x 50	

KT NO.	PC/SET	Contents			0.22	1 / 30
32607MR	8	○		91230		
		⊕⊖		2431	PH00 x 2.0, PH0 x 3.0, PH1 x 4.0	
		✱✱		2433	T6 x T10, T7 x T15, T8 x T20, T9 x T15	


32218MR


32118MR


32209MR


32309PR


32108MR


32607MR

⊕⊖✱ 31419MR

- 114 PC. precision screwdriver shelf set (40L)

Metal case size (mm) : 383 x 136 x 130

KT NO.	Contents			1.1	1	Each Q'ty
31419MR	⊕		1431	No.000 x 40, No.00 x 40, No.0 x 40, No.1 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		





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)	0	4.5	20 / 200 (50 / 1000)
102501P (102501P.B)	1	5.0	
102502P (102502P.B)	2	5.5	
102503P (102503P.B)	3	6.0	
new 102504P (102504P.B)	4	6.0	

⊕ 102512P

▪ PHILLIPS head ▪ DIN ISO 2351-2
▪ Reduced for dry-wall



KT NO.	⊕ No.	g	
102512P (102512P.B)	2	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 (102506S1.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 / inch	g	
102515H (102515H.B)	1.5	4.0	20 / 200 (50 / 1000)
102502H (102502H.B)	2	4.5	
102525H (102525H.B)	2.5	4.5	
102503H (102503H.B)	3	5.0	
102504H (102504H.B)	4	5.5	
102505H (102505H.B)	5	6.0	
102506H (102506H.B)	6	6.0	
102507H (102507H.B)	7	7.5	
102508H (102508H.B)	8	9.0	
102510H (102510H.B)	10	11.5	
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 internal 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)	T7	4.0	20 / 200 (50 / 1000)
102508U (102508U.B)	T8	4.5	
102509U (102509U.B)	T9	4.5	
102510U (102510U.B)	T10	4.5	
102515U (102515U.B)	T15	4.5	
102520U (102520U.B)	T20	5.0	
102525U (102525U.B)	T25	5.0	
102527U (102527U.B)	T27	5.0	
102530U (102530U.B)	T30	5.5	
102540U (102540U.B)	T40	5.5	

✪ 1025M

new

▪ SPLINE head ▪ DIN 65254



KT NO.	✪ mm	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

⊛ 1025Z

▪ POZIDRIV type ▪ DIN ISO 2351-2



KT NO.	⊛ No.	g	📦 / 📦
102501Z (102501Z.B)	1	5.0	20 / 200 (50 / 1000)
102502Z (102502Z.B)	2	5.5	
102503Z (102503Z.B)	3	5.5	

■ 1025R

▪ SQUARE head



KT NO.	Size No.	g	📦 / 📦
102500R (102500R.B)	0	4.5	20 / 200 (50 / 1000)
102501R (102501R.B)	1	5.0	
102502R (102502R.B)	2	5.5	
102503R (102503R.B)	3	5.5	

⊛⊛ 1360ZZ

▪ Double POZIDRIV head



KT NO.	⊛ No.	Total Length (mm)	g	📦 / 📦
1360012Z	1 / 2	60	13.0	10 / 100
1360022Z	2 / 2	60	13.5	
1360023Z	2 / 3	60	13.5	

⊛⊖ 1360ZS

▪ POZIDRIV / SLOTTED head



KT NO.	⊛ No.	Tip width (mm)	Tip thickness (mm)	Total Length (mm)	g	📦 / 📦
1360451Z	1	4.5	0.6	60	13.0	10 / 100
1360552Z	2	5.5	1.0	60	13.5	
1360703Z	3	7.0	1.2	60	13.5	

⊕⊕ 1360PP

▪ Double PHILLIPS head



KT NO.	⊕ No.	Total Length (mm)	g	📦 / 📦
1360012P	1 / 2	60	13.0	10 / 100
1360022P	2 / 2	60	13.5	
1360023P	2 / 3	60	13.5	

⊕⊖ 1360PS

▪ PHILLIPS / SLOTTED head



KT NO.	⊕ No.	Tip width (mm)	Tip thickness (mm)	Total Length (mm)	g	📦 / 📦
1360451P	1	4.5	0.6	60	13.0	10 / 100
1360552P	2	5.5	0.8	60	13.5	
1360703P	3	7.0	1.2	60	13.5	

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted.

5/16" Hex size shank driver



order unit : one box

⊕ 1800P

▪ PHILLIPS head.36 / 80mmL
▪ DIN ISO 2251-2



KT NO.	⊕ No.	Total Length (mm)	g	📦 / 📦
183602P	2	36	12	20 / 200
183603P	3	36	12	20 / 200
183604P	4	36	12	20 / 200
188002P	2	80	31	10 / 100
188003P	3	80	31	10 / 100
188004P	4	80	31	10 / 100
181202P	2	125	50	10 / 100
181203P	3	125	50	10 / 100

⊖ 1800S

▪ SLOTTED head.36 / 80mmL
▪ DIN ISO 2351-1



KT NO.	Tip width (mm)	Tip thickness (mm)	Total 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
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

● 1832H new

▪ HEXAGON head.
32 mmL



KT NO.	● mm	Total Length (mm)	g	📦 / 📦
183203H	3	32	9.0	20 / 200
183204H	4	32	9.6	20 / 200
183205H	5	32	10.4	20 / 200
183206H	6	32	11.0	20 / 200
183207H	7	32	12.2	20 / 200
183208H	8	32	13.4	20 / 200
183210H	10	32	17.2	20 / 200
183212H	12	32	21.7	12 / 120

Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted.



5/16" Hex size shank driver

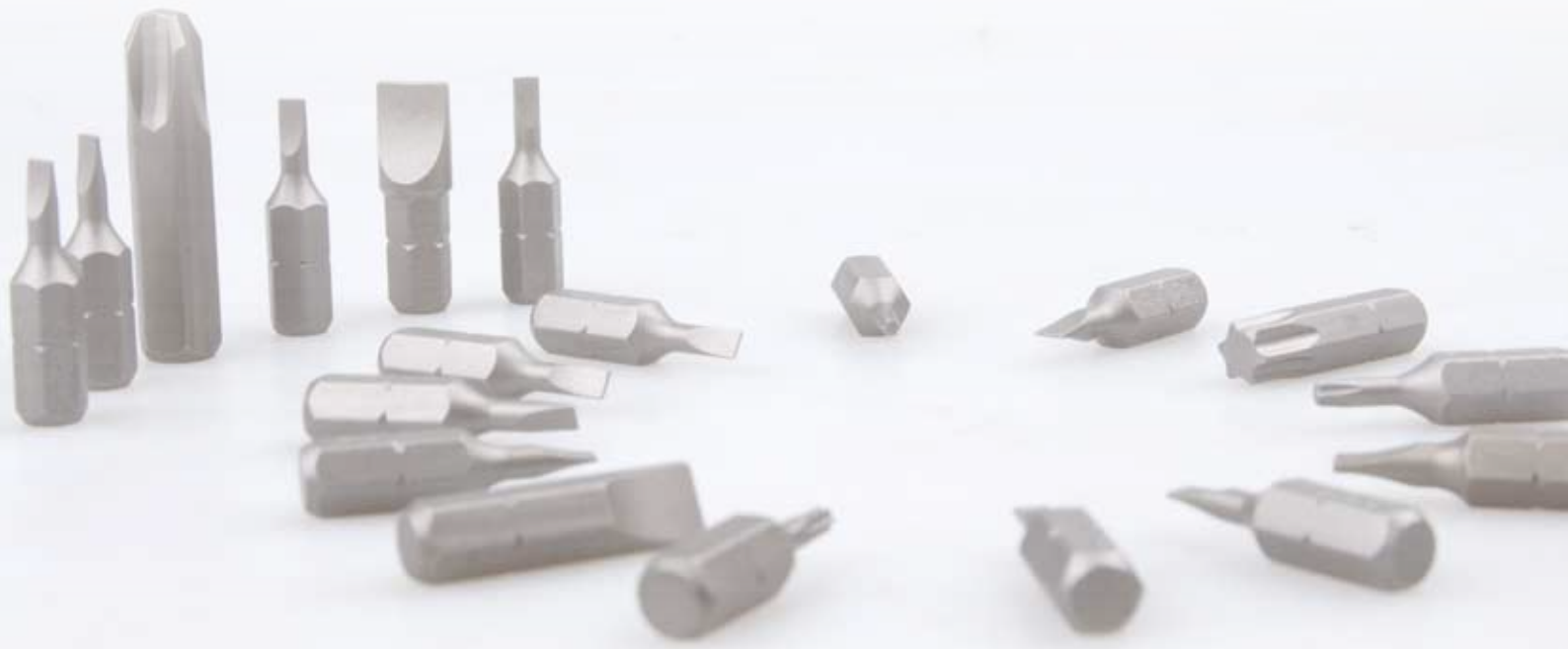
order unit : one box

1800T

- For torx internal screws. 32 / 70 mmL



KT NO.	Size	Total 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
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



Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted.

10mm Hex size shank driver



order unit : one blister card

1600H

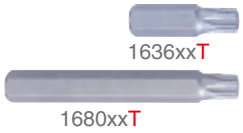
- HEXAGON head, 36 / 80mmL



KT NO.	mm	Overall Length (mm)	g	
163604H	4	36	17.3	12 / 120
163605H	5	36	18.6	12 / 120
163606H	6	36	19.2	12 / 120
163607H	7	36	20.1	12 / 120
163608H	8	36	21.3	12 / 120
163610H	10	36	24.1	12 / 120
163612H	12	36	30.5	12 / 120
168004H	4	80	47.2	6 / 60
168005H	5	80	48.0	6 / 60
168006H	6	80	49.4	6 / 60
168007H	7	80	50.3	6 / 60
168008H	8	80	50.8	6 / 60
168010H	10	80	53.8	6 / 60
168012H	12	80	72.9	6 / 60

1600T

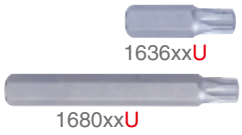
- For torx head, 36 / 80mmL



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

1600U

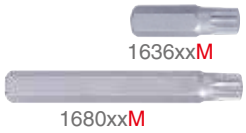
- For torx head, 36 / 80mmL
- Tamper resistant type



KT NO.	Size	Overall Length (mm)	g	
163610U	T10	36	16.9	12 / 120
163615U	T15	36	17.3	12 / 120
163620U	T20	36	17.6	12 / 120
163625U	T25	36	17.8	12 / 120
163627U	T27	36	18.2	12 / 120
163630U	T30	36	18.3	12 / 120
163640U	T40	36	19.9	12 / 120
163645U	T45	36	20.9	12 / 120
163650U	T50	36	22.9	12 / 120
163655U	T55	36	28.0	12 / 120
163660U	T60	36	32.6	12 / 120
168010U	T10	80	46.3	6 / 60
168015U	T15	80	46.5	6 / 60
168020U	T20	80	46.8	6 / 60
168025U	T25	80	47.1	6 / 60
168027U	T27	80	47.2	6 / 60
168030U	T30	80	47.2	6 / 60
168040U	T40	80	48.0	6 / 60
168045U	T45	80	49.1	6 / 60
168050U	T50	80	50.0	6 / 60
168055U	T55	80	52.3	6 / 60
168060U	T60	80	70.4	6 / 60

1600M

- SPLINE head, 36 / 80mmL



KT NO.	mm	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 Set

⊕ 1003PQ

- 1/4" PHILLIPS head bit 25mmL

KT NO.	Contents		0.02	24 / 576
1003PQ	⊕		1025P	#1, #2, #3



1003PQ



1003LQ

⊖ 1003LQ

- 1/4" SLOTTED head bit 25mmL

KT NO.	Contents		0.02	24 / 576
1003LQ	⊖		1025S	4.5 x 0.6, 6.5 x 1.2, 8.0 x 1.2

1003MQ

- 1/4" HEXAGON head bit 25mmL

KT NO.	Contents		0.02	24 / 576
1003MQ			1025H	4, 5, 6



1003MQ



1003TQ

1003TQ

- 1/4" torx head bit 25mmL

KT NO.	Contents		0.02	24 / 576
1003TQ			1025T	T8, T10, T15

1003TQ01

- 1/4" torx head bit 25mmL

KT NO.	Contents		0.02	24 / 576
1003TQ01			1025T	T20, T25, T30



1003TQ01



1003ZQ

1003ZQ

- 1/4" SLOTTED head bit 25mmL

KT NO.	Contents		0.02	24 / 576
1003ZQ			1025Z	#1, #2, #3

Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted.

1011MQ

- 11 PC. bit set

Metal case size (mm) : 198 x 105 x 37 (0.053 cuft)

KT NO.	Contents		0.82	1 / 20
1011MQ	●	1636M	5, 6, 8, 10, 12	
	●	1680M	5, 6, 8, 10, 12	
	○	414810M		



1015MQ

- 15 PC. bit set

Metal case size (mm) : 198 x 105 x 37 (0.053 cuft)

KT NO.	Contents		0.96	1 / 20
1015MQ	●	1636H	4, 5, 6, 7, 8, 10, 12	
	●	1680H	4, 5, 6, 7, 8, 10, 12	
	○	414810M		



1015PQ

- 15 PC. bit set

Metal case size (mm) : 198 x 105 x 37 (0.053 cuft)

KT NO.	Contents		0.96	1 / 20
1015PQ	✱	1636T	T20,T25, T30, T40, T45, T50, T55	
	✱	1680T	T20,T25, T30, T40, T45, T50, T55	
	○	414810M		



1044CQ

- 44 PC. bit set

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

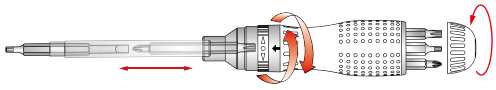
KT NO.	Contents		2.5	1 / 10
1044CQ	●	1636M	5, 6, 8, 10, 12	
	●	1636H	4, 5, 6, 7, 8, 10, 12	
	✱	1636T	T20, T25, T27, T30, T40, T45, T50, T55, T60	
	●	1680H	4, 5, 6, 7, 8, 10, 12	
	✱	1680T	T20, T25, T27, T30, T40, T45, T50, T55, T60	
	●	1680M	5, 6, 8, 10, 12	
	○	314810M 414810M		



16-in-1 Ratchet Screwdriver

32810MR

- TPV+PP Handle





KT NO.	Contents		0.4	9 / 54
32810MR	H2.5			H2
	H4			H3
	H6			H5
	SL4			PH0
	SL5			PH1
	SL6			PH2
	SL8			PH3
	T15			T10



Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted.

1032CQ

- 32 PC. bit set

Plastic case size (mm) : 120 x 70 x 42 (0.01 cuft)

KT NO.	Contents			0.3	1 / 20
1032CQ			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	T10, T15, T20, T25, T27, T30, T40	
			7702-25		
			753-63		



Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted.

1032CQ01 new

▪ 33 PC. bit set

Plastic case size (mm) : 120 x 70 x 42 (0.01 cuft)

KT NO.	Contents		0.3	1 / 20
1032CQ	⊖	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	T10, T15, T20, T25, T27, T30, T40	
	■	1025R	RB2	
	■	7702-25		
	○	753-63		



1050CQ

▪ 50 PC. bit set

Blow case size (mm) : 224 x 110 x 54 (0.047 cuft)

KT NO.	Contents		0.29	1 / 20
1050CQ	⊖	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	T7, T8, T9, T10 T15, T20, T25, T27 T30, T40 x 2	
	○	750-60		
		2141		



2517 MR

▪ 17 PC. socket & bit set

Plastic case size (mm) : 120 x 70 x 32 (0.01 cuft)

KT NO.	Contents		0.22	1 / 20
2517MR	⊖	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 & Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

1/4" Hex size shank driver



order unit : one blister card

7100P

- PHILLIPS, short neck (9.5 mm) type
- DIN ISO 2351-2



KT NO.	No.	Overall Length (mm)	g	
715000P	0	50	8.5	10 / 100
715001P	1	50	9.0	10 / 100
715002P	2	50	11.0	10 / 100
715003P	3	50	11.0	10 / 100
716502P	2	65	15.5	10 / 100
717001P	1	70	16.5	10 / 100
717002P	2	70	17.0	10 / 100
717003P	3	70	17.0	10 / 100
719001P	1	90	18.0	10 / 100
719002P	2	90	20.0	10 / 100
719003P	3	90	20.0	10 / 100
711002P	2	100	24.0	10 / 100
711501P	1	150	23.0	10 / 100
711502P	2	150	33.0	10 / 100
711503P	3	150	33.0	10 / 100

7150S

- SLOTTED head
- DIN ISO 2351-1



KT NO.	Tip width (mm)	Tip thickness (mm)	Total Length (mm)	g	
715003S1	3.0	0.5	50	6.0	10 / 100
715035S1	3.5	0.5	50	6.5	10 / 100
715004S2	4.0	0.5	50	7.0	10 / 100
715004S1	4.0	0.8	50	7.0	10 / 100
715045S1	4.5	0.6	50	7.0	10 / 100
715005S1	5.0	0.8	50	8.0	10 / 100
715055S1	5.5	0.8	50	8.5	10 / 100
715055S2	5.5	1.0	50	8.5	10 / 100
715006S1	6.0	1.0	50	8.5	10 / 100
715065S1	6.5	1.2	50	9.0	10 / 100

7150H / 7115H

- HEXAGON head
- DIN ISO 2351-3



KT NO.	mm	Overall Length (mm)	g	
715002H	2	50	6.0	10 / 100
715025H	2.5	50	6.5	10 / 100
715003H	3	50	6.5	10 / 100
715004H	4	50	9.5	10 / 100
715005H	5	50	10.0	10 / 100
715006H	6	50	11.0	10 / 100
715007H	7	50	13.0	10 / 100
715008H	8	50	17.0	10 / 100
711505H	5	150	34.0	10 / 100
711507H	7	150	47.0	10 / 100

7100T

- For torx head screws
- 50 / 70 mmL

7150U



KT NO.	Size No.	Overall Length (mm)	g	
715006T	T6	50	5.0	10 / 100
715007T	T7	50	5.0	10 / 100
715008T	T8	50	5.5	10 / 100
715009T	T9	50	5.5	10 / 100
715010T	T10	50	6.0	10 / 100
715015T	T15	50	6.0	10 / 100
715020T	T20	50	7.5	10 / 100
715025T	T25	50	8.0	10 / 100
715027T	T27	50	9.5	10 / 100
715030T	T30	50	9.5	10 / 100
715040T	T40	50	10.0	10 / 100
717006T	T6	70	7.0	10 / 100
717007T	T7	70	7.0	10 / 100
717008T	T8	70	7.5	10 / 100
717009T	T9	70	7.5	10 / 100
717010T	T10	70	8.0	10 / 100
717015T	T15	70	8.0	10 / 100
717020T	T20	70	10.5	10 / 100
717025T	T25	70	11.0	10 / 100
717027T	T27	70	14.0	10 / 100
717030T	T30	70	14.0	10 / 100
717040T	T40	70	15.5	10 / 100
715027U	T27	50	9.0	10 / 100
715030U	T30	50	9.0	10 / 100

7100Z

- POZIDRIV head
- DIN ISO 2351-2



KT NO.	No.	Overall Length (mm)	g	
715001Z	1	50	9.0	10 / 100
715002Z	2	50	11.0	10 / 100
715003Z	3	50	12.5	10 / 100
717001Z	1	70	11.0	10 / 100
717002Z	2	70	15.5	10 / 100
717003Z	3	70	15.5	10 / 100
719001Z	1	90	13.0	10 / 100
719002Z	2	90	19.5	10 / 100
719003Z	3	90	19.5	10 / 100

7150R

- SQUARE head



KT NO.	Size No.	Overall Length (mm)	g	
715000R	0	50	7.5	10 / 100
715001R	1	50	8.0	10 / 100
715002R	2	50	8.5	10 / 100
715003R	3	50	8.5	10 / 100

2138PR

- 7 PC. tamper resistant bit & L-type holder set



KT NO.	Contents		kg 0.24	10 / 60
2138PR		7150H	2, 3, 4, 5, 6, 7, 8	
		1589-02		

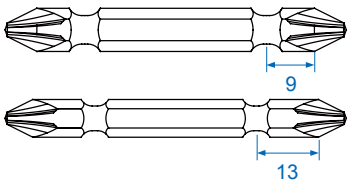
Power Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted.



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.

5mm Hex size shank driver

⊕⊕ 7200PP

- Double PHILLIPS head
- Long head typed



KT NO.	⊕ No.	Total Length (mm)	g	
726502P	2	65	8.5	10 / 100
727502P	2	75	10.0	10 / 100
721102P	2	110	14.5	10 / 100

1/4" Hex size shank driver

⊕⊕ 7400PP

- Double PHILLIPS head
- Short head type



KT NO.	⊕ No.	Overall Length (mm)	g	
745002P	2	50	11.0	10 / 100
747502P	2	75	15.0	10 / 100
747503P	3	75	16.5	10 / 100
741002P	2	100	23.5	10 / 100
741502P	2	150	37.5	10 / 100

⊕⊕ 7300PP

- Double PHILLIPS head
- Long head type



KT NO.	⊕ No.	Overall Length (mm)	g	
734501P	1	45	9.0	10 / 100
734502P	2	45	9.0	10 / 100
734503P	3	45	10.0	10 / 100
736501P	1	65	14.0	10 / 100
736502P	2	65	14.0	10 / 100
736503P	3	65	14.5	10 / 100
731101P	1	110	26.0	10 / 100
731102P	2	110	26.0	10 / 100
731103P	3	110	26.5	10 / 100
731502P	2	150	32.0	10 / 100
731503P	3	150	33.0	10 / 100

Power Bit

- Silicon chrome vanadium alloy steel (S2)
- Nickel plated



order unit : one box

⊕⊕ 1300PN

- Double PHILLIPS head
- Long head type



KT NO.	⊕ No.	Overall Length (mm)	g	
134501P	1	45	8.5	10 / 300
134502P	2	45	9.0	10 / 300
134503P	3	45	9.0	10 / 300
136501P	1	65	14.0	10 / 200
136502P	2	65	14.0	10 / 200
136503P	3	65	14.0	10 / 200
131101P	1	110	26.0	10 / 150
131102P	2	110	26.0	10 / 150
131103P	3	110	26.5	10 / 150
131501P	1	150	36.0	10 / 100
131502P	2	150	36.5	10 / 100
131503P	3	150	37.0	10 / 100

⊕⊕ 1500PN

- Double PHILLIPS head
- Short head type



KT NO.	⊕ No.	Overall Length (mm)	g	
155001P	1	50	10.0	10 / 300
155002P	2	50	10.0	10 / 300
155003P	3	50	10.0	10 / 300
157501P	1	75	16.5	10 / 200
157502P	2	75	16.5	10 / 200
157503P	3	75	17.0	10 / 200
151001P	1	100	23.0	10 / 150
151002P	2	100	23.0	10 / 150
151003P	3	100	23.5	10 / 150
151501P	1	150	36.5	10 / 100
151502P	2	150	37.0	10 / 100
151503P	3	150	37.5	10 / 100

⊕⊖ 7300PN

- PHILLIPS / SLOTTED head
- Long head type



KT NO.	⊕ No.	Tip width (mm)	Tip thickness (mm)	Total Length (mm)	g	
734551P	1	5.0	0.8	45	8.0	10 / 300
734552P	2	5.0	0.8	45	8.0	10 / 300
736552P	2	5.0	0.8	65	13.5	10 / 200
731152P	2	5.0	0.8	110	25.0	10 / 150
731552P	2	5.0	0.8	150	36.5	10 / 100

Bit Accessory

- Chrome vanadium & stainless alloy steel
- Anti-rust oiled , sand-blasted

1/4" Hex size shank driver



750

- Magnetic bit holder
- 2 PC. type
- DIN 7427



KT NO.	(inch)	Total Length (mm)	g	
750-60	1/4	60	20.5	6 / 84

751

- Magnetic bit holder
- 1 PC. type
- With spring clip
- DIN 7427



KT NO.	(inch)	Total Length (mm)	g	
751-60	1/4	60	24	6 / 84
751-75	1/4	75	36	6 / 84

752

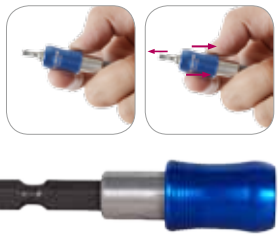
- Magnetic bit holder
- 2 PC. type
- With quick-release sleeve
- DIN 7427



KT NO.	(inch)	Total Length (mm)	g	
752-60	1/4	60	24.5	6 / 72

753

- Magnetic bit holder
- 2 PC. type
- With quick-release sleeve
- DIN 7427



KT NO.	(inch)	Total Length (mm)	g	
753-63	1/4	63	33	6 / 72

760 M new

760 S

- Nut setter
- Non magnetic type
- DIN 3126



KT NO.	(mm)(inch)	Total Length (mm)	g	
new 7606512M	12	65	50	6 / 72
new 7607510M	10	75	38.4	6 / 72
new 7601012M	12	100	61	5 / 20
7606508S	1/4	65	20	6 / 84
7606510S	5/16	65	30	6 / 84
7606512S	3/8	65	36	6 / 72

761 M new

761 S

- Nut setter
- Magnetic type
- DIN 3126



KT NO.	(mm)(inch)	Total Length (mm)	g	
new 7615513M	13	55	41	6 / 72
new 7616505M	5	65	27	6 / 84
new 7616506M	6	65	26.8	6 / 84
7616507M	7	65	25	6 / 84
7616508M	8	65	30	6 / 84
7616510M	10	65	37	6 / 72
7616512M	12	65	52	6 / 72
7616513M	13	65	54	6 / 72
new 7611010M	10	100	54	5 / 30
new 7611012M	12	100	63	5 / 20
new 7611507M	7	150	64.6	5 / 25
new 7611508M	8	150	67.4	5 / 25
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

770

- Bit adapter
- Ball retainer type
- DIN 7428



7702-25



7702-50
7703-50

KT NO.	■ (inch)	Total Length (mm)	g	
7702-25	1/4	25	6.0	20 / 200
7702-50	1/4	50	13.5	10 / 100
7703-50	3/8	50	23.5	6 / 84

771

- Bit adapter
- Pin retainer type
- DIN 7428



KT NO.	■ (inch)	Total Length (mm)	g	
7712-02	1/4	50	12.5	10 / 100
7712-03	1/4	75	33.5	10 / 100

Hex Key & Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated

1145 MR

- Standard arm type
- Allen head
- Metric size
- DIN ISO 2936



KT NO.	(mm)	(mm)	(mm)	g	
114515MR	1.5	15.5	46.5	0.9	20 / 400
114502MR	2.0	18.0	52.0	1.8	20 / 400
114525MR	2.5	20.5	58.5	3.0	20 / 400
114503MR	3.0	23.5	66.0	5.0	20 / 400
114504MR	4.0	29.5	74.0	10.0	20 / 400
114505MR	5.0	33.0	85.0	18.0	20 / 400
114555MR	5.5	35.5	90.5	24.0	10 / 400
114506MR	6.0	38.0	96.5	30.0	10 / 200
114507MR	7.0	41.0	102	45.0	10 / 200
114508MR	8.0	44.0	108	60.0	10 / 200
114510MR	10.0	50.0	122	105.0	10 / 200

1125 MR
1125 SR

- Extra long arm type
- Allen head
- Metric size
- Inch size
- DIN ISO 2936



KT NO.	(mm)(inch)	(mm)	(mm)	g	
112515MR	1.5	15.5	91.5	1.5	20 / 400
112502MR	2.0	18.0	102	3.0	20 / 400
112525MR	2.5	20.5	114.5	5.0	20 / 400
112503MR	3.0	23.0	129	8.0	20 / 300
112504MR	4.0	29.0	144	18.0	20 / 300
112505MR	5.0	33.0	165	31.0	20 / 300
112506MR	6.0	38.0	186	51.0	10 / 100
112507MR	7.0	41.0	197	78.0	10 / 100
112508MR	8.0	44.0	208	104.0	10 / 100
112510MR	10.0	50.0	234	182.0	10 / 100
112512MR	12.0	57.0	262	290.0	8 / 48
112514MR	14.0	70.0	294	451.0	8 / 48
112517MR	17.0	80.0	337	770.0	4 / 32
112519MR	19.0	89.0	380	863.0	5 / 20
112522MR	22.0	102.0	400	1590.0	4 / 16
new 112502SR	1/16	15.5	91.5	1.7	20 / 400
new 112503SR	3/32	18	102	3.0	20 / 400
new 112525SR	5/64	20.5	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

Hex Key & Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated

20218 MR
20219 MR
20208 MR
20209 MR
20209 SR02 new

KT NO.	PC./SET	Spec.	Contents	0.33	8 / 64
20218MR	8	knife type	1145MR	2, 2.5, 3, 4, 5, 6, 8, 10	



20218MR

KT NO.	PC./SET	Spec.	Contents	0.33	6 / 48
20219MR	9	Standard arm plastic holder	1145MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	

KT NO.	PC./SET	Spec.	Contents	0.43	8 / 48
20208MR	8	Extra long plastic holder	1125MR	2, 2.5, 3, 4, 5, 6, 8, 10	

KT NO.	PC./SET	Spec.	Contents	0.44	8 / 48
20209MR	9	Extra long plastic holder	1125MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	

KT NO.	PC./SET	Spec.	Contents	-	-
20209SR02	9	Exyra Long arm plastic holder	1125SR	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	



20219MR 20208MR 20209MR 20209SR02

20208 MR01
20208 SR01

KT NO.	PC./SET	Spec.	Contents	1.25	1 / 20
20208MR01	8	Extra long color box	1125MR	3, 4, 5, 6, 8, 10, 12, 14	
20208SR01			1125SR	1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 1/2, 9/16	



20210 MR

KT NO.	PC./SET	Spec.	Contents	0.47	1 / 6
20210MR	10	Extra long metal case	1125MR	3, 4, 5, 6, 7, 8, 10, 12, 14, 17	



Spline L- wrench & Set

1146 MR

- Standard type
- For SPLINE head screw

KT NO.		(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



1126 MR

- Extra long type
- For SPLINE head screw

KT NO.		(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



20505PR

KT NO.	PC./SET	Spec.	Contents		kg 0.317	56
20505PR	5	Standard type Plastic Tray	1146MR	M5, M6, M8, M10, M12		



20515PR

KT NO.	PC./SET	Spec.	Contents		kg 0.609	42
20515PR	5	Extra long type Plastic Tray	1126MR	M5, M6, M8, M10, M12		



20505 PR01 new

20515 PR01 new

KT NO.	PC./SET	Spec.	Contents		kg 0.333	6 / 54
20505PR01	5	Standard type Plastic holder	1146MR	M5, M6, M8, M10, M12		

KT NO.	PC./SET	Spec.	Contents		kg 0.632	4 / 32
20515PR01	5	Extra long type Plastic holder	1126MR	M5, M6, M8, M10, M12		



20505PR01



20515PR01

Ball Hex Key & Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated

1130 MR
1130 SR

- Long arm with ball point type
- Metric / Inch size
- DIN ISO 2936

KT NO.	(mm) (inch)	(mm)	(mm)	g	
113015MR	1.5	15.5	63.5	1.4	20 / 400
113002MR	2	18.0	77.0	2.0	20 / 400
113025MR	2.5	20.5	87.5	4.0	20 / 400
113003MR	3	23.0	93.0	7.0	20 / 400
113004MR	4	29.0	104	14.0	20 / 400
113005MR	5	33.0	120	25.0	20 / 300
113006MR	6	38.0	141	41.0	10 / 150
113008MR	8	44.0	158	84.0	10 / 150
113010MR	10	50.0	180	145.0	10 / 150
new 113002SR	1/16	15.5	78.5	1.4	20 / 400
new 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	10 / 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



1120 MR

- Extra long arm with ball point type
- Metric size
- DIN ISO 2936

KT NO.	(mm)	(mm)	(mm)	g	
112015MR	1.5	15.5	91.5	1.5	20 / 400
112002MR	2	18.0	102	3.0	20 / 400
112025MR	2.5	20.5	114.5	5.0	20 / 400
112003MR	3	23.0	129	8.0	20 / 300
112004MR	4	29.0	144	18.0	20 / 300
112005MR	5	33.0	165	31.0	20 / 300
112006MR	6	38.0	186	51.0	10 / 100
112007MR	7	41.0	197	78.0	10 / 100
112008MR	8	44.0	208	104.0	10 / 100
112010MR	10	50.0	234	182.0	10 / 100



20107 MR01
20107 SR
20108 MR
20109 MR
20129 SR new

- Material - SNCM - V alloy steel
- Finishing - chrome plated

KT NO.	PC./SET	Spec.	Contents	kg 0.37	10 / 60
20107MR01	7	Long arm / ball plastic holder	1130MR	2.5, 3, 4, 5, 6, 8, 10	

KT NO.	PC./SET	Spec.	Contents	kg 0.36	10 / 60
20107SR	7	Long arm / ball plastic holder	1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	

KT NO.	PC./SET	Spec.	Contents	kg 0.43	8 / 48
20108MR	8	Extra long / ball plastic holder	1120MR	2, 2.5, 3, 4, 5, 6, 8, 10	

KT NO.	PC./SET	Spec.	Contents	kg 0.44	8 / 48
20109MR	9	Extra long / ball plastic holder	1120MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	

KT NO.	PC./SET	Spec.	Contents	kg -	-
20129SR	9	Long arm / ball plastic holder	1130SR	1/16, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 5/64	



20107SR



20109MR


20129SR

Star L- wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated

1143R

- Standard type
- For torx head screws

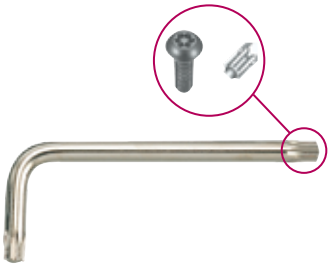
KT NO.	Size	(mm)	(mm)	g	
114310R	T10	18	50.0	3.5	20 / 400
114315R	T15	20	55.5	5.5	20 / 400
114320R	T20	24	61.5	8.0	20 / 400
114325R	T25	26	67.5	11.0	20 / 400
114327R	T27	30	75.5	15.0	20 / 400
114330R	T30	36	85.5	24.5	10 / 200
114340R	T40	41	96.5	39.0	10 / 200
114345R	T45	46	107	57.0	10 / 200
114350R	T50	52	122	80.0	10 / 200



1147R

- Standard type
- Tamper resistant type
- For torx head screws

KT NO.	Size	(mm)	(mm)	g	
114710R	T10	18	50.0	3.5	20 / 400
114715R	T15	20	55.5	5.5	20 / 400
114720R	T20	24	61.5	8.0	20 / 400
114725R	T25	26	67.5	11.0	20 / 400
114727R	T27	30	75.5	15.0	20 / 400
114730R	T30	36	85.5	24.5	10 / 200
114740R	T40	41	96.5	39.0	10 / 200
114745R	T45	46	107	57.0	10 / 200
114750R	T50	52	122	80.0	10 / 200



1123R

- Extra long type
- For torx head screws

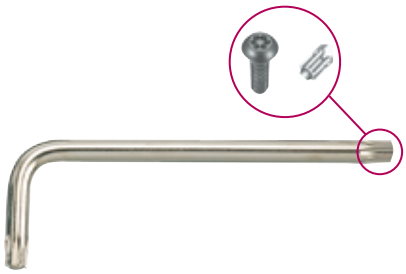
KT NO.	Size	(mm)	(mm)	g	
112310R	T10	18	91.5	5.8	20 / 400
112315R	T15	20	103	8.8	20 / 400
112320R	T20	22	115	12.9	20 / 400
112325R	T25	25	130	18.4	20 / 300
112327R	T27	29	145.5	25.6	20 / 300
112330R	T30	35	165	42.2	20 / 300
112340R	T40	40	182	63.5	10 / 100
112345R	T45	45	202	92.4	10 / 100
112350R	T50	49	225	130.6	10 / 100



1127R

- Extra long type
- Tamper resistant type
- For torx head screws

KT NO.	Size	(mm)	(mm)	g	
112710R	T10	18	91.5	5.6	20 / 400
112715R	T15	20	103	8.6	20 / 400
112720R	T20	22	115	12.4	20 / 400
112725R	T25	25	130	17.8	20 / 300
112727R	T27	29	145.5	24.6	20 / 300
112730R	T30	35	165	40.4	20 / 300
112740R	T40	40	182	61.6	10 / 100
112745R	T45	45	202	89.0	10 / 100
112750R	T50	49	225	126.2	10 / 100



Star L- wrench Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated

20307PR
20407PR

KT NO.	PC./SET	Spec.	Contents	0.13 kg	18 / 144
20307PR	7	Standard type plastic holder	1143R	T10, T15, T20, T25, T27, T30, T40	
20407PR	7	Standard type Tamper resistant plastic holder	1147R	T10, T15, T20, T25, T27, T30, T40	



20308PR

KT NO.	PC./SET	Spec.	Contents	0.20 kg	12 / 72
20308PR	8	knife type	1143R	T9, T10, T15, T20, T25, T27, T30, T40	



20309PR
20319PR
20409PR
20419PR

KT NO.	PC./SET	Spec.	Contents	0.3 kg	8 / 64
20309PR	9	Standard type plastic holder	1143R	T10, T15, T20, T25, T27, T30, T40, T45, T50	

KT NO.	PC./SET	Spec.	Contents	0.45 kg	8 / 48
20319PR	9	Extra long type plastic holder	1123R	T10, T15, T20, T25, T27, T30, T40, T45, T50	

KT NO.	PC./SET	Spec.	Contents	0.34 kg	8 / 64
20409PR	9	Standard type Tamper resistant plastic holder	1147R	T10, T15, T20, T25, T27, T30, T40, T45, T50	

KT NO.	PC./SET	Spec.	Contents	0.45 kg	8 / 48
20419PR	9	Extra long type Tamper resistant plastic holder	1127R	T10, T15, T20, T25, T27, T30, T40, T45, T50	



20319PR



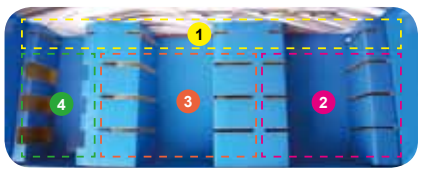
20419PR

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





L- type Wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

1160 MR

- HEXAGON with ball point head
- Metric size



KT NO.	(mm)	(mm)	(mm)	g	
116002MR	2	100	150	19.0	10 / 200
116025MR	2.5	100	150	21.5	10 / 200
116003MR	3	100	150	25.0	10 / 200
116004MR	4	100	150	32.5	10 / 200
116005MR	5	150	215	74.0	10 / 200
116006MR	6	150	215	92.0	10 / 200
116007MR	7	150	215	120.0	10 / 200
116008MR	8	200	280	212.5	10 / 80
116010MR	10	200	280	289.5	10 / 80

1163R

- For torx internal screw
- Tamper resistant type



KT NO.	(mm)	(mm)	(mm)	g	
116310R	T10	100	150	24.0	10 / 200
116315R	T15	100	150	27.0	10 / 200
116320R	T20	100	150	31.0	10 / 200
116325R	T25	100	150	35.5	10 / 200
116327R	T27	150	215	69.5	10 / 200
116330R	T30	150	215	86.0	10 / 200
116340R	T40	150	215	105.5	10 / 200
116345R	T45	200	280	181.5	10 / 80
116350R	T50	200	280	214.5	10 / 80

1165 MR

- For HEXAGON head screw
- Metric size



KT NO.	(mm)	(mm)	(mm)	g	
116502MR	2	100	150	19.0	10 / 200
116525MR	2.5	100	150	21.5	10 / 200
116503MR	3	100	150	25.0	10 / 200
116504MR	4	100	150	32.5	10 / 200
116505MR	5	150	215	74.0	10 / 200
116506MR	6	150	215	92.0	10 / 200
116507MR	7	150	215	120.0	10 / 200
116508MR	8	200	280	212.5	10 / 80
116510MR	10	200	280	289.5	10 / 80

L- type Wrench Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

22106 MR

KT NO.	PC./SET	Spec.	Contents	0.68 / 1 / 20	
22106MR	6	Ball & hex two way type	1160MR	3, 4, 5, 6, 7, 8	

22306PR

KT NO.	PC./SET	Spec.	Contents	0.46 / 1 / 20	
22306PR	6	torx head two way type	1163R	T10, T15, T20, T25, T30, T40	



22106MR



22306PR

22108 MR

KT NO.	PC./SET	Spec.	Contents	0.97 / 1 / 10	
22108MR	8	Ball & hex two way type	1160MR	2, 2.5, 3, 4, 5, 6, 8, 10	

22208 MR

KT NO.	PC./SET	Spec.	Contents	0.97 / 1 / 10	
22208MR	8	Hex head two way type	1165MR	2, 2.5, 3, 4, 5, 6, 8, 10	

22309PR

KT NO.	PC./SET	Spec.	Contents	1.0 / 1 / 10	
22309PR	9	torx head two way type	1163R	T10, T15, T20, T25, T27, T30, T40, T45, T50	


22108MR


22208MR


22309PR

22118 MR

KT NO.	PC./SET	Spec.	Contents	1.1 / 1 / 12	
22118MR	8	Ball & hex two way type	1160MR	2, 2.5, 3, 4, 5, 6, 8, 10	

22218 MR

KT NO.	PC./SET	Spec.	Contents	1.1 / 1 / 12	
22218MR	8	Hex head two way type	1165MR	2, 2.5, 3, 4, 5, 6, 8, 10	

22319PR

KT NO.	PC./SET	Spec.	Contents	1.2 / 1 / 12	
22319PR	9	torx head two way type	1163R	T10, T15, T20, T25, T27, T30, T40, T45, T50	


22118MR


22218MR


22319PR

T - type Wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

1150 MR

- HEXAGON with ball point head
- Metric size

KT NO.	(mm)	(mm)	(mm)	g	
115002MR	2	100	137	28	10 / 200
115025MR	2.5	100	137	30	10 / 200
115003MR	3	100	137	32	10 / 200
115004MR	4	100	137	38	10 / 200
115005MR	5	150	188	65	10 / 200
115006MR	6	150	188	79	10 / 200
115008MR	8	200	240	159	10 / 120
115010MR	10	200	240	217	10 / 120



1155 MR

- HEXAGON head
- Metric size

KT NO.	(mm)	(mm)	(mm)	g	
115502MR	2	100	137	28	10 / 200
115525MR	2.5	100	137	30	10 / 200
115503MR	3	100	137	32	10 / 200
115504MR	4	100	137	38	10 / 200
115505MR	5	150	188	65	10 / 200
115506MR	6	150	188	79	10 / 200
115508MR	8	200	240	159	10 / 120
115510MR	10	200	240	217	10 / 120



1153R

- For torx head screw

KT NO.		(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 / 120
115345R	T45	200	240	173	10 / 120
115350R	T50	200	240	173	10 / 120



11A3R

- For torx head screw
- Lenght : 200mmL

KT NO.		(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 - type Wrench & Set

21108 MR

KT NO.	PC./SET	Spec.	Contents	1.1	1 / 12
21108MR	8	Ball hex Stand type	1150MR	2, 2.5, 3, 4, 5, 6, 8, 10	

21208 MR

KT NO.	PC./SET	Spec.	Contents	1.1	1 / 12
21208MR	8	Hexagon Stand type	1155MR	2, 2.5, 3, 4, 5, 6, 8, 10	

21309PR

KT NO.	PC./SET	Spec.	Contents	1.2	1 / 12
21309PR	9	Torx head Stand type	1153R	T10, T15, T20, T25, T27, T30, T40, T45, T50	



21108MR



21208MR



21309PR

T - Handle Wrench

1195 M

- 6 Point
- Metric Size
- For HEXAGON head screw
- The handle pin can be removed for another wrench

- Material - Chrome vanadium steel
- Finishing - chrome plated



KT NO.	(mm)	(mm)	(mm)	g	
119502M	2	64	126.5	22	10 / 200
119525M	2.5	64	126.5	22	10 / 200
119503M	3	64	126.5	23	10 / 200
119504M	4	89.5	181	62	10 / 200
119505M	5	89.5	182	65	10 / 200
119506M	6	105	210	120	6 / 48
119508M	8	124	250	224	4 / 32
119510M	10	145	300	386	5 / 50





Notes

Hammers & Striking Tools

- *Hammer*
- *Punch*
- *Flat Chisel*




KING TONY

Hammer

• Material - high quality alloy steel

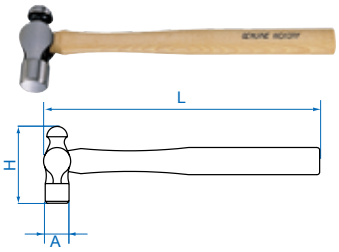
CAUTION

When using any hammer tool, always remember to protect your sight against the risk of flying chips.

7811

- American style.
- Forged and hardened steel
- Wood and metal wedge
- GGG, H86C

KT NO.	H.W (g)	H.W (LN)	(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 / 18



7821

- German style
- Forged and hardened steel
- Wood and metal wedge
- DIN 1041

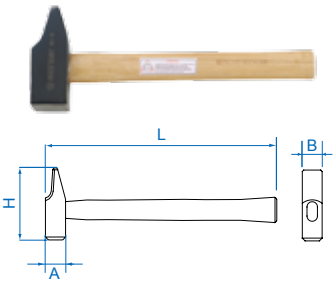
KT NO.	H.W (g)	A (mm)	H (mm)	L (mm)	g	
7821-30	395	23	103	300	400	12 / 48
7821-50	615	27	120.5	320	660	6 / 36
7821-80	990	33	130	350	960	6 / 24



7822

- Riveting hammer
- NF E71-016

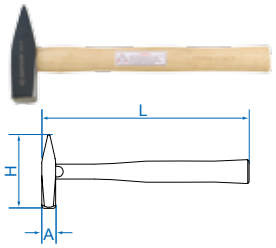
KT NO.	H.W (g)	A (mm)	B (mm)	H (mm)	L (mm)	g	
7822-25	315	25	22	85	280	489	10 / 40
7822-30	400	30	26	95	300	650	10 / 40
7822-35	630	35	31	105	300	1000	9 / 18
7822-40	800	40	35	115	320	1330	8 / 16
7822-45	1250	45	40	124	355	1790	8 / 16
7822-50	1600	50	44	135	382	2458	6 / 12



7823

- Engineer's hammer
- DIN1041

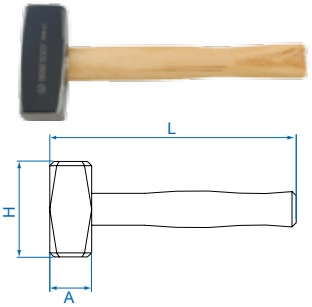
KT NO.	H.W (g)	A (mm)	H (mm)	L (mm)	g	
7823-10	1000	36	135	360	1121	9 / 18
7823-15	1500	42	145	380	1606	6 / 12
7823-20	2000	47	155	400	2106	6 / 12



7833

- Lump hammer
- DIN6475

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

• Material - high quality alloy steel

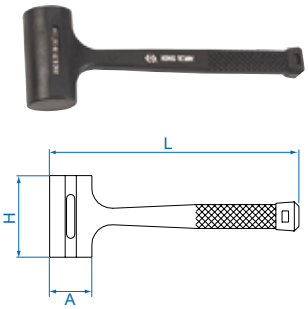
CAUTION

When using any hammer tool, always remember to protect your sight against the risk of flying chips.

7851

▪ Dead blow hammer

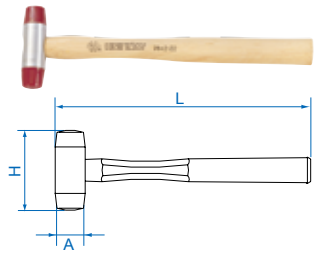
KT NO.	H.W (g)	A (mm)	H (mm)	L (mm)	g	
7851-08	227	43	81	272	585	6 / 24
7851-16	454	46	100	304	849	6 / 24
7851-24	680	49	100	322	884	6 / 24
7851-32	907	55	100	342	1090	6 / 24
7851-40	1134	58	110	342	1218	6 / 24
7851-48	1361	61	123	355	1511	6 / 12
7851-64	1814	67	136	368	1874	6 / 12



7842

▪ Soft face hammer (changable head)
▪ Material : Polyurethane

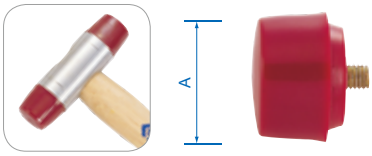
KT NO.	A (mm)	H (mm)	L (mm)	g	
7842-22	22	75	255	110	10 / 40
7842-28	28	85	295	165	10 / 40
7842-35	38	100	325	305	8 / 32
7842-45	45	112	335	420	8 / 32
7842-60	60	135	380	895	6 / 12



915

▪ Spare faces for item 7842
▪ H : Hard / S : Soft
▪ Material : Polyurethane

KT NO.	Hardness (shore A)	A (mm)	g	
91522H/S	90° / 75°	22	11	10 / 160
91528H/S	90° / 75°	28	24	10 / 100
91535H/S	90° / 75°	38	36	6 / 120
91545H/S	90° / 75°	45	65	6 / 36
91560H/S	90° / 75°	60	123	6 / 24



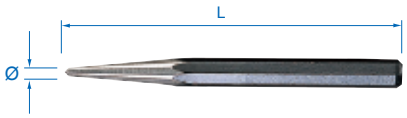


Chisel & Punch

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

761

761 Center punch	KT NO.	Ø	Overall Length (mm)	g	
	76103-04	3	100	34	12 / 336
	76104-05	4	120	59	12 / 336
	76105-06	5	150	116	12 / 144



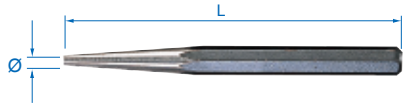
762

762 Flat Chisel	KT NO.	Ø	Overall Length (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

763 Starter punch	KT NO.	Ø	Overall Length (mm)	g	
	76301-05	1	120	57	12 / 336
	76302-05	2	120	58	12 / 336
	76303-05	3	120	60	12 / 336
	76304-05	4	120	60	12 / 336
	76305-05	5	120	64	12 / 336
	76306-05	6	120	64	12 / 336
	76307-05	7	120	100	12 / 240
	76308-05	8	120	100	12 / 240
	76309-06	9	150	130	12 / 144
	76310-06	10	150	132	12 / 144



764

764 Pin punch	KT NO.	Ø	Overall Length (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



Pin Punch Set

1006PR
1006PRN

KT NO.	Contents	0.57	1 / 20
1006PR 1006PRN	764	Ø 2 x 30, Ø 3 x 40, Ø 4 x 50, Ø 5 x 50, Ø 6 x 50, Ø 8 x 50	

▶Nylon pouch



1006PR

▶Tetoron pouch



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	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	



1009PR



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	



1010PR

Flat Chisel & Punch Set

1090PR1

▪ 90 PC. flat chisel & punch set

KT NO.	Contents			Each Q'ty
1090PR1	1090PR	761	Ø 4 x 120, Ø 5 x 150	6
		762	17 x 150, 20 x 150, 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		650 x 250 x 210 mm	1
	8711B-1		600 x 232 x 230 mm	1



Flat Chisel & Punch Set shelf size (mm) :
109 x 81 x 39

KT NO.		Cuft
1090PR	13.5	0.34'
8711B	6.2	0.9'
8711B-1	1.68	1.56'

Sheathed Chisel & Punch

- Material – chrome molybdenum alloy steel
- Finishing - mirror finished
- Safe and comfortable grip

761-G

	KT NO.	Size	Total Length (mm)	g	
Sheathed Center punch	76125-74G	2.5 x 185	185	104.00	12/144
	76104-74G	4 x 185	185	110.00	12/144
	76106-74G	6 x 185	185	112.00	12/144
	76108-74G	8 x 185	185	179.40	12/120
	76110-74G	10 x 185	185	169.20	12/120



762-G

	KT NO.	Size	Total Length (mm)	g	
Sheathed Flat Chisel	76218-75G	18 x 190	190	180.00	10 / 100
	76219-75G	19 x 190	190	180.20	10 / 100
	76220-84G	20 x 210	210	269.60	8 / 80
	76222-84G	22 x 210	210	271.00	8 / 80



763-G

	KT NO.	Size	Total Length (mm)	g	
Sheathed Starter punch	76302-74G	2 x 185	185	104.00	12 / 144
	76303-74G	3 x 185	185	105.10	12 / 144
	76304-74G	4 x 185	185	107.60	12 / 144
	76305-74G	5 x 185	185	112.00	12 / 144
	76306-74G	6 x 185	185	115.20	12 / 144
	76308-74G	8 x 185	185	162.00	12 / 120



764-G

	KT NO.	Size	Total Length (mm)	g	
Sheathed Pin punch	76402-55G	2 x 140	140	50.20	12/384
	76403-06G	3 x 150	150	54.00	12/384
	76404-07G	4 x 180	180	94.80	12/144
	76405-08G	5 x 200	200	108.00	12/144
	76406-84G	6 x 210	210	157.50	12/120
	76407-84G	7 x 210	210	165.00	12/120
	76408-88G	8 x 220	220	175.00	12/96
	76409-88G	9 x 220	220	184.40	12/96
	76410-09G	10 x 230	230	259.40	10/80
	76412-10G	12 x 250	250	340.30	8/64
	76414-11G	14 x 290	290	443.00	6/48
	76416-12G	16 x 310	310	593.20	5/40
	76410-14G	10 x 350	350	363.00	6/60
	76412-14G	12 x 350	350	470.00	8/48
	76414-14G	14 x 350	350	518.00	6/36
	76416-14G	16 x 350	350	664.00	5/30



Pin Punch Set

1014GRN

KT NO.	Contents	2.13	1 / 8
1014GRN		76410-14G	Ø 10 x 350
		76412-14G	Ø 12 x 350
		76414-14G	Ø 14 x 350
		76416-14G	Ø 16 x 350

1006GRN

KT NO.	Contents	0.71	1 / 8
1006GRN		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

1009GRN

KT NO.	Contents	1.82	1 / 12
1009GRN		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



1014GRN



1006GRN



1009GRN



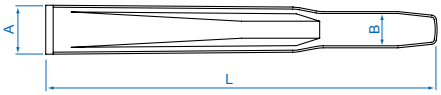
Flat Chisel & Set

767

- For flat chisel

KT NO.	A (mm)	B (mm)	L (mm)	g	
76717-05	17.1	12.6	125	88	12 / 240
76721-06	19.8	15.0	150	130	6 / 144
76724-08	25.0	18.5	200	275	12 / 72
76729-10	29.3	21.7	250	470	8 / 64





87108

- For flat chisel

KT NO.	H (mm)	L (mm)	g	
87108	140	160	410	12



11104PR

KT NO.	Contents		kg 1.37	1 / 10
11104PR		767	76717-05, 76721-06, 76724-08, 76729-10	
		87108		



11104PR10

KT NO.	Contents		kg 1.0	1 / 10
11104PR10		767	76717-05, 76721-06, 76724-08, 76729-10	







Notes

Workshop Tools

- *Puller*
- *Riveter*
- *Measuring Tools*
- *Air Blow Gun*




KING TONY

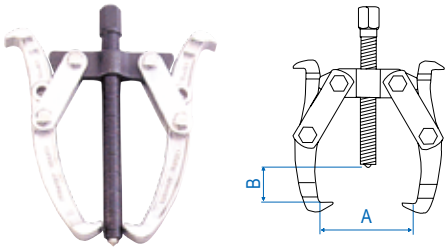
Gear Puller

- Material - chrome vanadium alloy steel
- Finishing - chrome plated & phosphate sunk

7962

- Two-Jaw gear puller

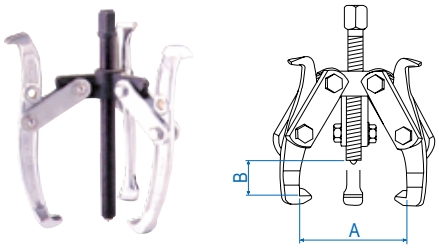
KT NO.	Size (inch)	A (mm)	B (mm)	kg	
7962-03	3	75	60	0.44	1 / 40
7962-04	4	100	95	0.78	1 / 20
7962-06	6	150	150	1.65	1 / 10
7962-08	8	200	235	3.50	1 / 5
7962-12	12	300	280	7.00	1 / 2



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

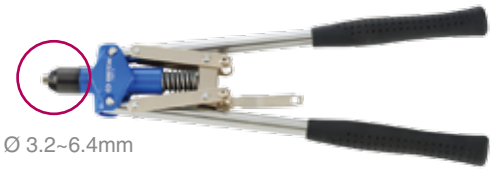


Riveter

79711

- Capacity Ø 6.4mm
- Stainless steel riveter
- Drop-forged aluminum body

KT NO.	L (inch)	L (mm)	Nosepiece (inch)	Nosepiece (mm)	g	
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

Riveter

21-20-101

- Capacity Ø 4.8mm
- Stainless Steel Riveter
- Drop-forged aluminum body

KT NO.	L (inch)	L (mm)	Nosepiece (inch)	Nosepiece (mm)	g	
21-20-101	10-1/4	260	3 / 32	Ø 2.4	588	12 / 24
			1 / 8	Ø 3.2		
			5 / 32	Ø 4.0		
			3 / 16	Ø 4.8		



Ø 2.4~4.8mm

21-20-102





- 4 size quickly and easily to change
- Stainless Steel Riveter
- The drive can be used in 90° and 180°

KT NO.	L (inch)	L (mm)	Nosepiece (inch)	Nosepiece (mm)	g	
21-20-102	11	278	3 / 32	Ø 2.4	778	6 / 24
			1 / 8	Ø 3.2		
			5 / 32	Ø 4.0		
			3 / 16	Ø 4.8		



Riveter Set

21-20-07MR

KT NO.	Contents		kg 1.06	1 / 16	Each Q'ty
21-20-07MR		4 x 8 mm			20
		4 x 10 mm			
		4 x 8 mm			
		4 x 10 mm			
		4.8 x 8 mm			
		4.8 x 10 mm			
		21-20-101			1



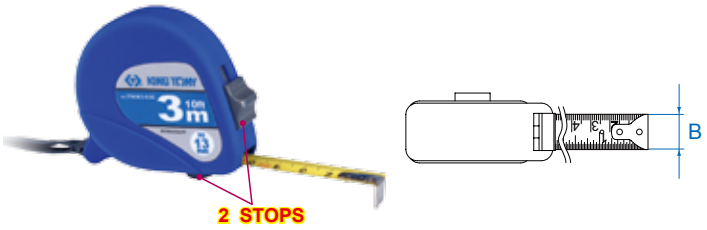
Plastic case size (mm) :
276 x 160 x 46(0.122 cuft)

Measuring Tape & Set

- Material:ABS
- Metric / inch system
- Side and botton Tape-lock-button

79083

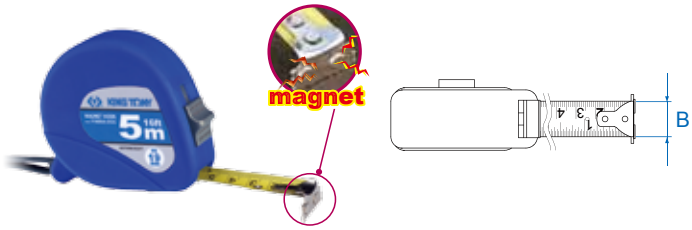
KT NO.	L (M / FT)	B (mm)	g	12 / 72
79083-03C	3M / 10FT	13	116.6	12 / 72
79083-05C	5M / 16FT	19	210.4	12 / 72
new 79083-03M	3M	13	116.6	12 / 72
new 79083-05M	5M	19	210.4	12 / 72
new 79083-75M	7.5M	25	358.0	6 / 48



79084

- Magnet hook

KT NO.	L (M / FT)	B (mm)	g	12 / 72
79084-03C	3M / 10FT	16	116.6	12 / 72
79084-05C	5M / 16FT	19	210.4	12 / 72
new 79084-03M	3M	16	116.6	12 / 72
new 79084-05M	5M	19	210.4	12 / 72



790831CQ

- 12 PC. measuring tape set

KT NO.	PC./SET	Contents	kg 12.2	1 / 6
790831CQ	6			79083-03C
	6			79083-05C



790841CQ

- 12 PC. measuring tape set
- Magnet hook

KT NO.	PC./SET	Contents	kg 12.2	1 / 6
790841CQ	6			79084-03C
	6			79084-05C



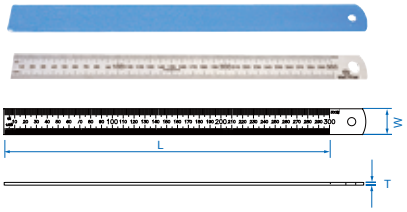


Measuring

79061

- 1 side both edges photo-engraved mm-scale
- Flexible stainless graduated rule

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

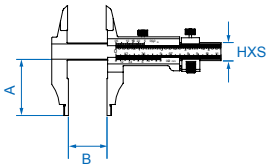


77121

- Made of stainless steel with fine adjustment
- Vernier calipers with external upper jaw

KT NO.	L (mm)	B max (mm)	Vernier (mm)	H x S (mm)	g	
77121-08	60	200	0.02	20 x 4	860	1/10



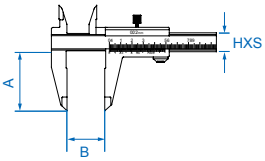


77131

- Parallax free bevel vernier calipers

KT NO.	L (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



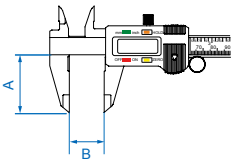


77141

- Open slider digital calipers
- Manual power on / off
- Instant metric / inch system on LCD screen

KT NO.	A (mm)	B (mm)	Accuracy (mm)	Vernier (mm)	g	
77141-06	40	150	0.01	0.01	320	1 / 20
77141-08	50	200	0.01	0.01	485	1 / 18





Metric Feeler Gauge

• Material: Blade material of stainless 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		



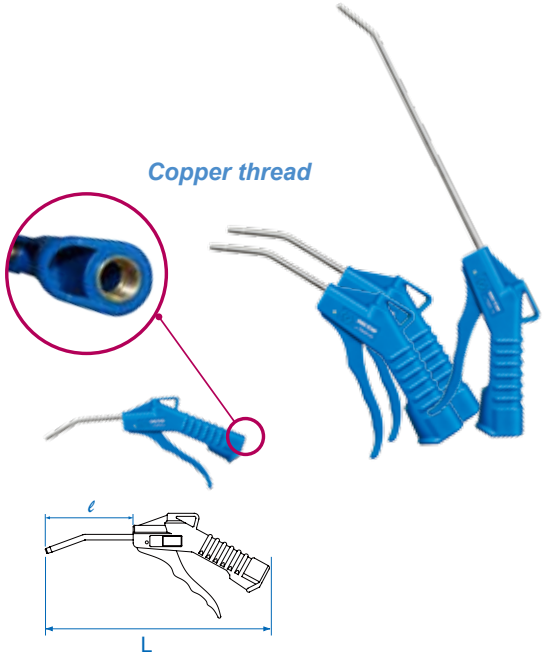


Blow Gun & Set

79900

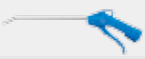
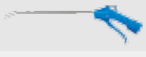
- ▪ Ideal for cleaning
- ▪ Steel nozzle & nylon fiber handle
- ▪ Air pressure: 90 PSI recommended
- ▪ Air consumption: 1/4" hose-13cfm-350l/min
  3/8" hose-15cfm-430l/min
- ▪ Sound pressure: 85~90 dB
- ▪ Working pressure: 75~120 PSI/5.0~8.0 kgs
- ▪ Max pressure: 220 PSI/ 15 kgs

KT NO.	Air inlet (inch)	ℓ (mm)	ℓ (inch)	L (mm)	g	
79900-04	BSPT	100	4	242	200	2 / 60
79900-10	BSPT	250	10	402	240	2 / 50
79900-13	BSPT	330	13	472	260	2 / 50
79900-20	BSPT	500	20	652	300	2 / 50
79901-04	NPT	100	4	242	200	2 / 60
79901-10	NPT	250	10	402	240	2 / 50
79901-13	NPT	330	13	472	260	2 / 50
79901-20	NPT	500	20	652	300	2 / 50



799001DQ

■ 18 PC. blow gun set

KT NO.	PC./SET	Contents	kg 2.8	1 / 6
799001DQ	8		79900-04	
	6		79900-10	
	4		79900-13	
	18	 (European type) 1/8" BSPT	SY-211M	



Air Hose Reel

79910

- Automatic rewind with SK 5-spring steel spring.
- 16 teeth gear stop ensure safety work.
- 300PSI working pressure allowed polyurethane air house.
- Sturdy structure with 0.7mm thick steel rail stored in iron case.
- Replaceable air house design & Hanging rack.



• 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 return many steps

KT NO.	Hose I.D. (mm)	Hose O.D. (mm)	Hose Length (M)	Type	Max Pressure Psi	Working Pressure Psi	kg	
79910-10	8	12	10	Japan	900	300	5.2	1 / 4
79911-10	8	12	10	USA	900	300	5.2	1 / 4
79912-10	8	12	10	Europe	900	300	5.2	1 / 4
79910-15	8	12	15	Japan	900	300	6.5	1 / 4
79911-15	8	12	15	USA	900	300	6.5	1 / 4
79912-15	8	12	15	Europe	900	300	6.5	1 / 4

1 Bar = 1.01972 kgf/cm²
1 Bar = 14.5036 PSI

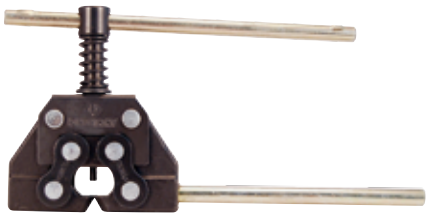
Special Purpose Wrench

3214-35

new

- Roller chain detacher

KT NO.	For Chain Size (mm)	g	
3214-35	35~50	310	1 / 60





Automotive Tools

- *Engine Series*
- *Under Car Series*
- *Body Series*
- *Battery & Electrical*
- *General Tools*







87434-7B

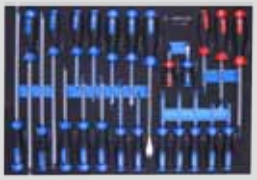
934-010 MRV new

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



Contents

#6



9-31124MRV



#7



9-2565MRV



9-4129PRV



#9



9-4537MRV



9-3544MRV



9-90119MRV



9-1220MRV



#10



9-4147PRV



9-4401MPV



9-90135MRV



9-90118PRV



9-40104GPV



9-40113GPV



Tool Trolley Set

932-003 MR01

- 183 PC. tool trolley set
- Specifically for car repair



Tray No.	Set	Use Drawer
Tray # 4	*375 x 265 mm* 9-1219MR01 69 9-1609MR 70 9-4328MR 73 9-91120MR 72 9-5575MR 74 9-40207GP01 72	B3
Tray # 6	*560 x 375 mm* 9-31919MR 79	B3
	1006PR 361 Tray for parts (375 x 30 mm) x3 84700612B 87432-5B 87430A 31 (936A-003MR05 use)	

932A-003 MR01 new

Tool trolley:



KT NO.	Spec.	Kg	Cuft
932-003MR01-A	87432-5B	56.0	12.24
932-003MR01-D	183 PC. trolley contents	20.3	2.41
932A-003MR01-A	87432-5B	56.0	12.24
932A-003MR01-D	183 PC. trolley contents	20.3	2.41
932A-003MR01-B	87430A	17.5	-

ALFA ROMEO
Diesel Engine Setting & Locking Tool Kit

9AT2006E

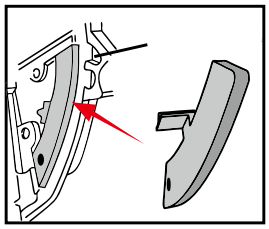
- The kit includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engines timing

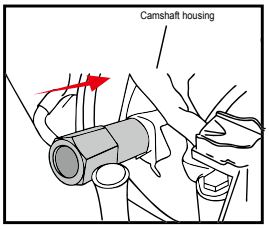
MODEL:	145 (98-01) / 146 (98-01) / 147 (01-09) 156 (97-08) / 159 (05-09) 166 (98-08) / GT (04-09) / Brera (05-09) Spider (06-09) / Crosswagon (04-08)
ENGINE CODE:	**1.9JTD 8v.** : 323.02 / 371.01 / 182B9.000 / 937A2.000 / 937A3.000 / 939A1.000 / 939A2.000 / 939A7.000 **1.9JTD 16v.** 192A5.000 / 192B1.000 / 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

KT NO.	g	
9AT2006E	1359.5	1 / 10



CONTENTS :
- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)





BMW
Timing Tool Kit

9AT1003E

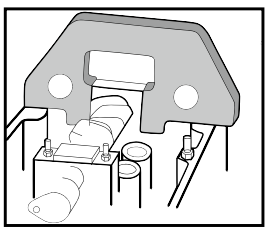
- The kit includes camshaft setting plates and a flywheel locking pin
- Suitable for BMW V12 M70 & M73 petrol engine
- Use to lock the camshaft on the correct timing position

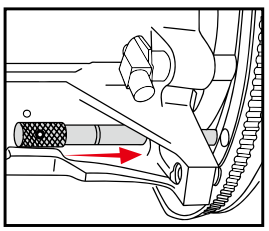
MODEL:	750i / E32 / E38 (87-02) 850i / E31(90-99)
ENGINE CODE:	**M70 / M73** 50 12 A / 54 12 1 54 12 2 / 56 12 1

KT NO.	g	
9AT1003E	2189.5	1 / 5



CONTENTS :
- A - camshaft setting plate
- B - flywheel locking pin





BMW
Twin Camshaft Setting & Locking Tool Kit

9AT1008E

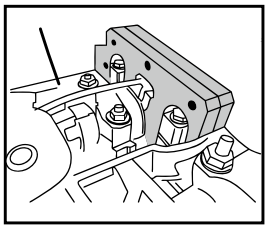
- The kit includes timing and VANOS setting / locking tools
- Suitable for BMW petrol 1.8 and 2.0 N42 / N46 (chain) engine
- Use to check / adjust engine timing and remove, installation or alignment VANOS unit

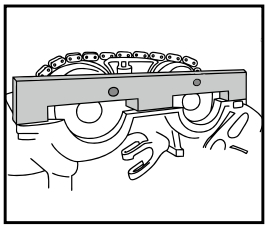
MODEL:	118i. E87 (04-08) 120i. E87 (04-08) 316i. E46 (01-05) 316ti. Compact E46 (01-05) 318i. E46 (01-07) 318ti. Compact E46 (01-05) 318i. E90 (05-08) X3. 2.0i E83 (05-08) Z4. 2.0i E85 (04-08) 520i. E60 (04-08) 320i. E90 (05-08)
ENGINE CODE:	**N42 / N46** B18 / B18A / B20 / B20A / B20B

KT NO.	g	
9AT1008E	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





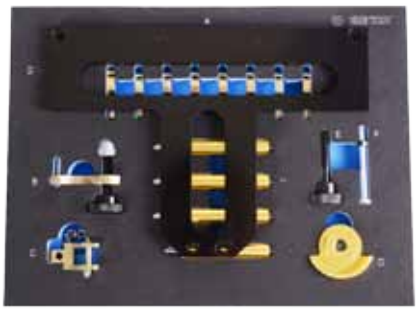
BMW
Twin Camshaft Setting & Locking Tool Kit

9AT1018E

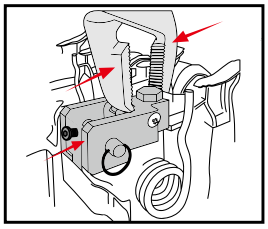
- The kit includes camshaft / carrier bracket remover & installer tools
- Suitable for BMW petrol 1.8 and 2.0 N42 / N46 (chain) engine

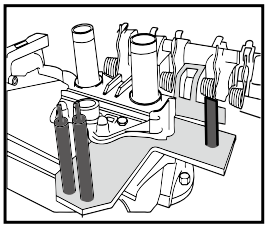
MODEL:	118i. E87 (04-08) 120i. E87 (04-08) 316i. E46 (01-05) 316ti. Compact E46 (01-05) 318i. E46 (01-07) 318ti. Compact E46 (01-05) 318i. E90 (05-08) X3. 2.0i E83 (05-08) Z4. 2.0i E85 (04-08) 520i. E60 (04-08) 320i. E90 (05-08)
ENGINE CODE:	**N42 / N46** B18 / B18A / B20 / B20A / B20B

KT NO.	g	
9AT1018E	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.)





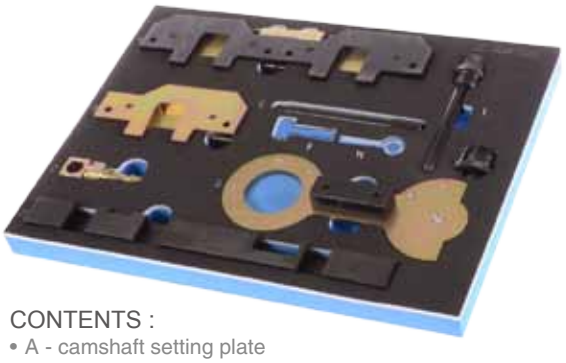
BMW
Twin VANOS Service Tool Kit

9AT1009E

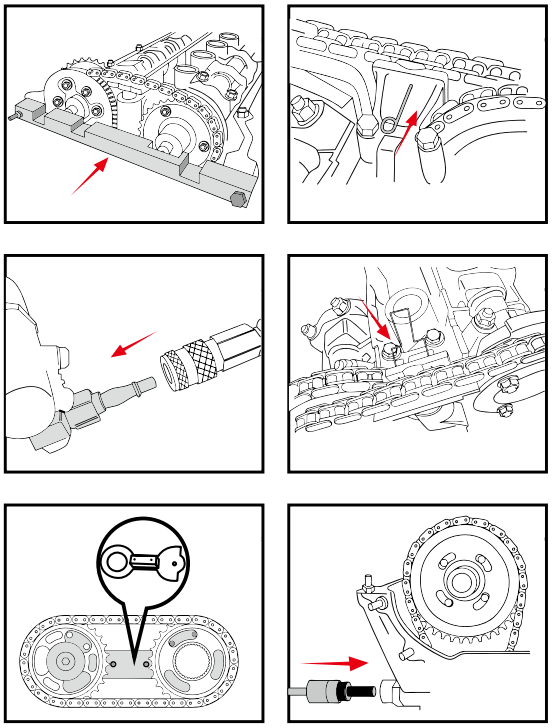
- The kit includes compressed air connector, twin VANOS setting tool and sprocket / chain assembly fixture, timing adjustment plate, pre-load tools
- Suitable for setting / locking popular BMW petrol engine
- Use to adjust engine timing and set / lock engine application

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

KT NO.	g	
9AT1009E	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



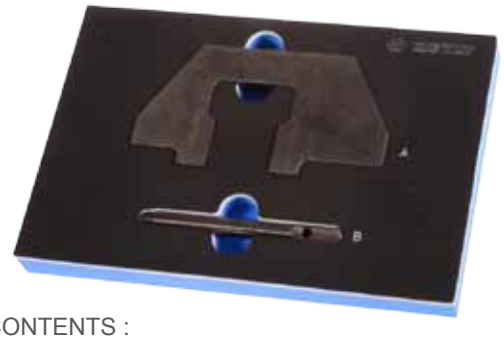
BMW
Twin Camshaft Setting & Locking Tool Kit

9AT1102E

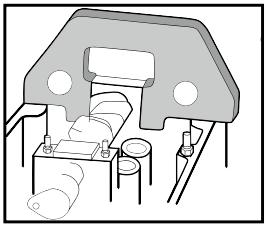
- The kit includes camshaft locking plate and flywheel locking pin
- Suitable for M40 engines (also used on the M43 chain driven engine)
- Use to lock the camshaft and crankshaft TDC position to keep their timing relationship while replacing timing belt or carry out other timing belt service

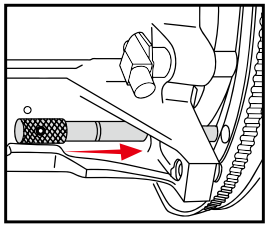
MODEL:	316i E36 / E46 (93-04) 316i Compact E36 / E46 (98-01) 318i E36 / E46 (93-01) 518i E34 (94-96) Z3 1.8 / 1.9 E36 (96-03)
ENGINE CODE:	**M43** 16 4E 2 / 16 4E 3 18 4E 2 / 19 4E1

KT NO.	g	
9AT1102E	1900.5	1 / 10



CONTENTS :
- A - camshaft locking plate
- B - flywheel locking pin





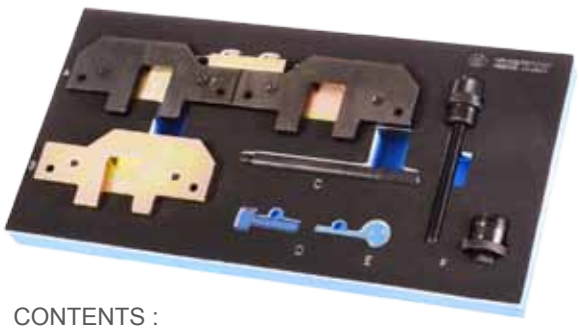
BMW
1.8 To 3.0 Twin Cams Setting & Locking Tool Kit

9AT1106E

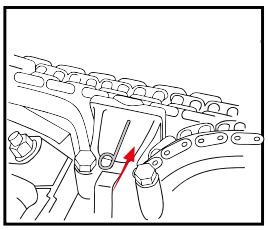
- The kit includes camshaft setting plate, timing adjustment plate, pre-load tool, flywheel locking pin and tensioner pin
- Suitable for setting / locking popular BMW petrol engine
- Suggestion:
  Use with 9AT1-A02 wrench while using this kit on SINGLE VANOS system (on inlet camshaft)
  Use with 9AT1303 while using this kit on TWIN VANOS system

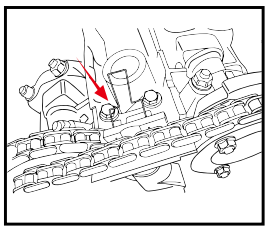
MODEL:	318is. E36 (92-99) 318ti Compact. E36 (94-01) 320i. E36 / E46 (92-07) 323i. E36 / E46 (95-01) 325i. E36 / E46 (92-07) 328i. E36 / E46 (95-01) 330i. E46 (00-07) 520i. E39 / E60 (96-05) 523i. E39 (96-00)	525i. E39 / E60 (00-05) 528i. E39 (96-00) 530i. E39 / E60 (00-05) 728i. E38 (94-02) 730i. E65 (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	

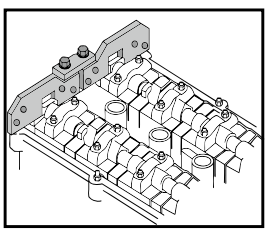
KT NO.	g	
9AT1106E	3780.0	1 / 5

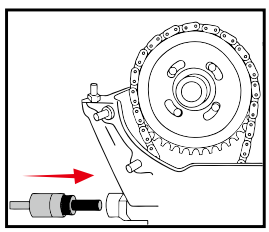


CONTENTS :
- A - camshaft setting plate
- B - timing adjustment plate
- C - flywheel locking pin
- D - tensioner pin (M50)
- E - tensioner pin (M52)
- F - tensioner tool









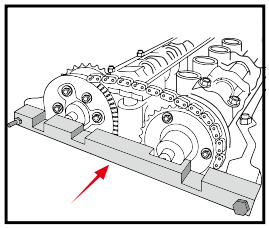
BMW
Petrol Engine Twin VANOS Service Tool Kit

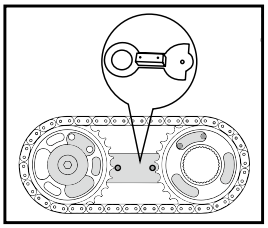
9AT1303E

- The kit 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



CONTENTS :
- A - compressed air connector
- B - sprocket / chain assembly fixture
- C - twin VANOS setting tool





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**

KT NO.	g	
9AT1303E	2740.0	1 / 5

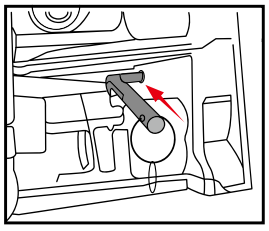
BMW
Timing Alignment Set

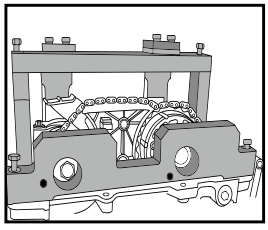
9AT1112E new

- The kit 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



CONTENTS :
- A - VANOS alignment plate
  (Red for N53/N54, Silver for N51/N52/N52K)
- B - camshaft locking tool
- C - flywheel locking pin





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)**

KT NO.	g	
9AT1112E	5900	1 / 3

BMW
2.0 / 3.0 Timing Kit

9AT2007E

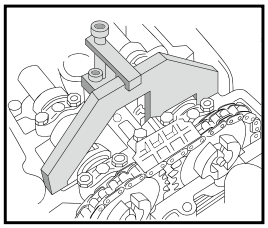
- The kit includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

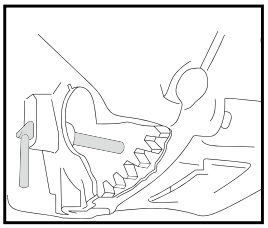
MODEL:	118d E87 (03-07) / 120d E87 (03-07) 318d / td E46 / E90 / 91(00-08) 320d / td E46 / E90 / 91(97-08) 325d E90 / 91 / 92 / 93 (06-09) 330d / xd / cd E46 / E90 / 91 / 92 / 93 (98-08) 335d E90 / 91 / 92 (06-09) 520d E39 / E60 / 61 (99-09) 525d / xd E39 / E60 / 61 (99-09) 530d / xd E39 / E60 / 61 (98-09) 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

KT NO.	g	
9AT2007E	1752.5	1 / 10



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 Tool Kit

9AT1206E

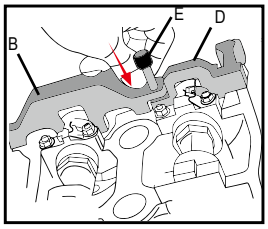
- The kit includes VANOS alignment plate, camshaft setting tools, flywheel locking pin and timing chain tensioner pre-load tool
- Suitable for 1.6 BMW, 4 cylinder twin camshaft 16v and chain driven petrol engines with VANOS
- Use to check and adjust engine timing

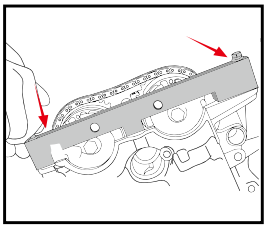
MODEL:	116i. E81 E87 (03-09) 316i. E46 / E90 (01-08) 316Ci. E46 (01-06) 316ti. E46 (01-05)
ENGINE CODE:	**N40 / N45 / N45T** B16, B16A, B16AC

KT NO.	g	
9AT1206E	2657.0	1 / 5



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





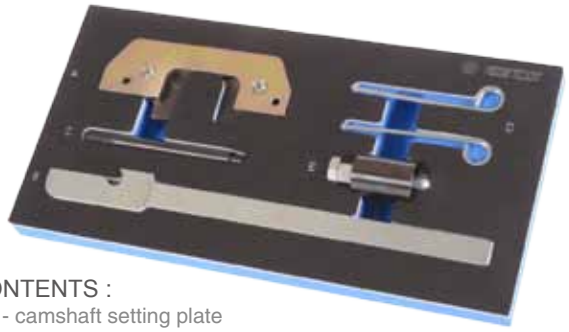
BMW
Diesel Engine 2.5TDS Timing Kit

9AT2106E

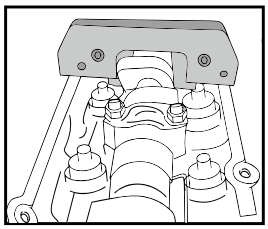
- The kit includes camshaft setting plate, tensioner lever, tensioner retaining pin, flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engine
- Use to retain and support the sprocket and timing chains in correct position when the pump is removed

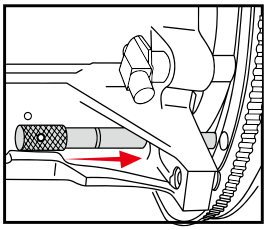
MODEL:	**1.7 2.5td / tds (Chain)** 318tds. E36(94-00) 325td / tds. E36(91-99) 525td / tds. E34(90-00) 725tds. E38(95-02)
ENGINE CODE:	**1.7 2.5td / tds (Chain)** M41 / M51

KT NO.	g	
9AT2106E	2480.0	1 / 5



CONTENTS :
- A - camshaft setting plate
- B - tensioner lever
- C - flywheel locking pin
- D - tensioner retaining pin
- E - pump remove & sprocket retainer (2 part)





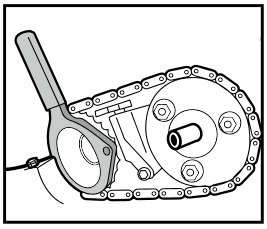
BMW
VANOS Engagement Wrench

9AT1-A02

- For BMW twin camshaft engines with single VANOS unit mounted on inlet camshaft

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





KT NO.	g	
9AT1-A02	297.8	12 / 48

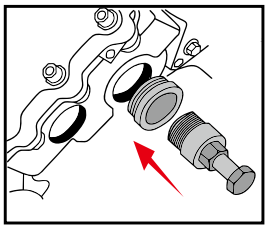
BMW
Diesel Injection Pump Puller

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

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





KT NO.	g	
9AT2-D01	528.0	6 / 36

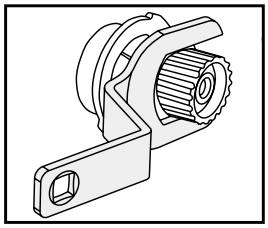
CHEVROLET
Petrol Tension Adjustment Wrench (Via Water Pump)

9AT1202

- The kit includes 41mm and 46mm tension adjust wrench
- Suitable for Vauxhall / Opel and Chevrolet engine

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)

KT NO.	g	
9AT1202	694.4	6 / 24

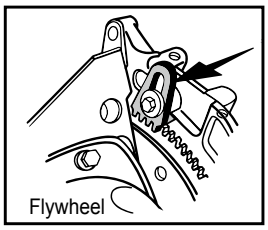
CITRÖEN PEUGEOT
Flywheel Holding & Locking Tool

9AT3-E02

- The kit 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

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

KT NO.		
9AT3-E02	64.2	20 / 100





FIAT
Petrol Engine Setting & Locking Kit

9AT1002E

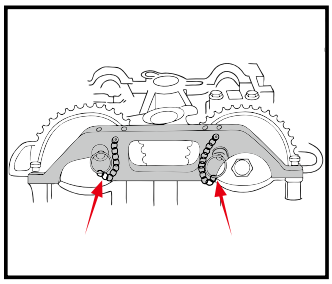
- The kit includes camshaft setting tool and tensioner retaining pin
- Suitable for Vauxhall / Opel & Fiat engine
- Use to lock the camshafts on the correct timing position

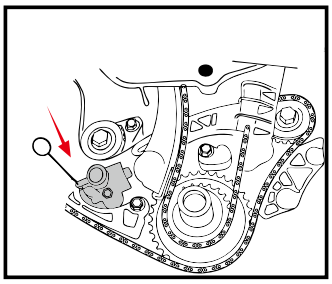
MODEL:	**Petrol 2.2 16v. Twin Cams(Chain)** Croma (05-09)
ENGINE CODE:	**Petrol 2.2 16v. Twin Cams(Chain)** 194A1.000

KT NO.		
9AT1002E	1510.0	1 / 10



CONTENTS :
- A - camshaft setting tool
- B - tensioner retaining pin





FIAT
Diesel Engine Setting & locking Tool Kit

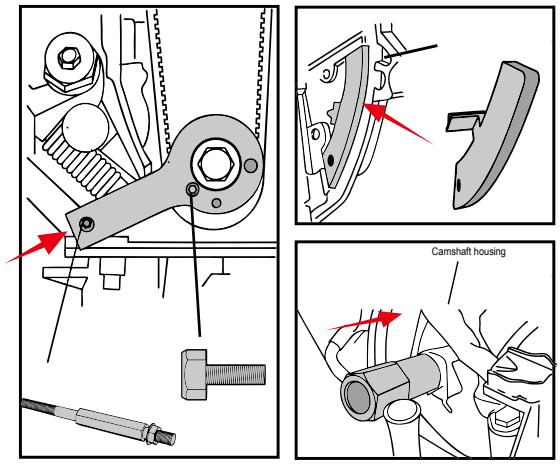
9AT2006E

- The kit 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

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)



KT NO.	g	
9AT2006E	1359.5	1 / 10

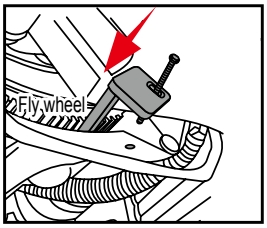
FIAT
Flywheel Holding Tool

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

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





KT NO.	g	
9AT1-E01	51.0	20 / 100

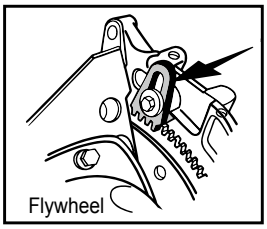
FIAT
Flywheel Holding & Locking Tool

9AT3-E02

- The kit 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

MODEL:	**Petrol 1.6 16v. Twin Cams (Belt)** Stilo





KT NO.	g	
9AT3-E02	64.2	20 / 100

FORD
Petrol Engine Twin Camshaft & Diesel Engine Timing Tool Kit

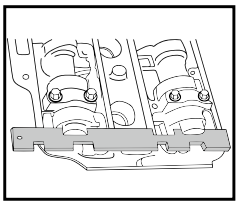
9AT1406E

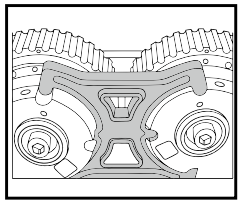
- The kit includes VCT setting plate, camshaft setting plate, crankshaft TDC location pin, tensioner locking pin and flywheel locking tools
- Suitable for 16v. Duratec petrol engine of FORD 1.6 Ti-VCT twin camshaft
- Use to adjust VCT timing on inlet and exhaust camshaft during timing belt replacement

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







KT NO.	g	
9AT1406E	1640.0	1 / 10

FORD
Timing And Injection Pump Setting/Locking Tool Kit

9AT2011E

- The kit 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

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 (3pcs)
- D – Locking Pins (3pcs)
- E – Flywheel Locking Pins (2pcs)
- F – Tensioner Locking Pin

KT NO.	g	
9AT2011E	1472.5	1 / 10

FORD
Timing Locking Tool Kit

9AT1005E

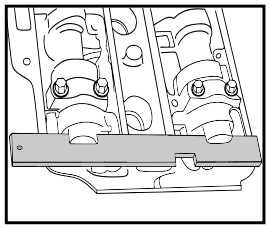
- The kit includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application

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

KT NO.	g	
9AT1005E	1051.0	1 / 10



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)



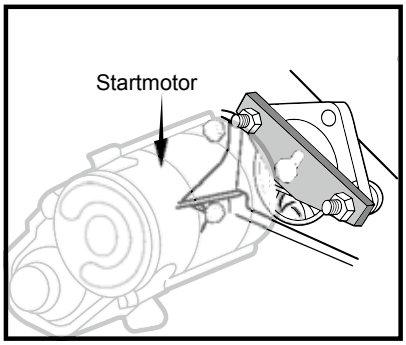
FORD

Engine Flywheel Holding Tool Set

9AT3-E01

- Lock crankshaft in timed position by locating into flywheel
- Suitable for counter-holding crankshaft when releasing or tightening crankshaft pulley bolt





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

KT NO.	g	
9AT3-E01	373.2	36 / 36

LANCIA

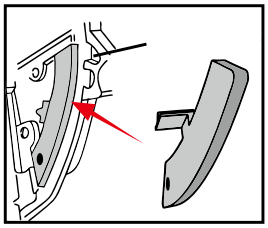
Diesel Engine Setting & Locking Tool Kit

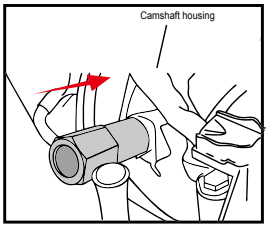
9AT2006E

- The kit includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engines timing



CONTENTS :
- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)





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

KT NO.	g	
9AT2006E	1359.5	1 / 10

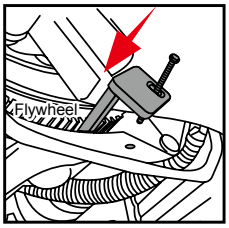
LANCIA
Flywheel Holding Tool



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





MODEL:	Delta (96-99) Lybra (99-06)
ENGINE CODE:	182A4.000 182A6.000

KT NO.	g	
9AT1-E01	51.0	20 / 100

LAND ROVER
2.0 / 3.0 Timing Kit



9AT2007E

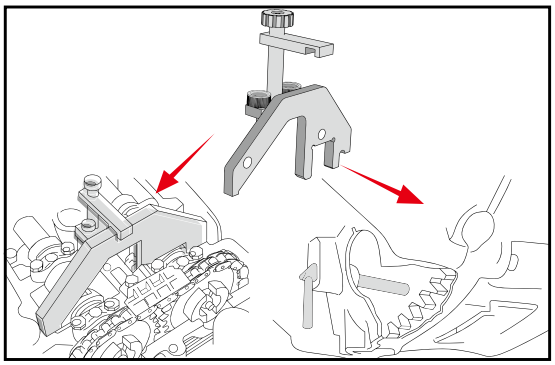
- The kit includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft



CONTENTS :
- A – camshaft setting plate
- B – camshaft plate locking tool
- C – TDC timing pin
- D – tensioner retaining pin set (pair)
- E – flywheel locking pin

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)

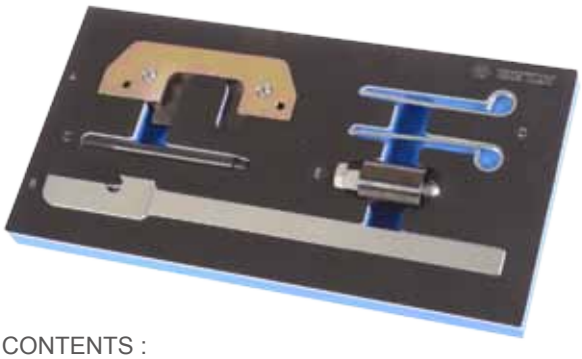
KT NO.	g	
9AT2007E	1752.5	1 / 10



LAND ROVER
Diesel Engine 2.5TDS Timing Kit

9AT2106E

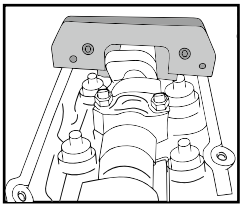
- The kit includes camshaft setting plate , tensioner lever , tensioner retaining pin , flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engines
- Use to retain and support the sprocket and timing chains in position when the pump is removed

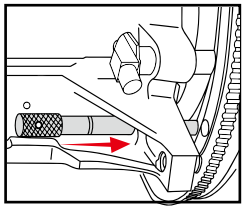


MODEL:	1.7 2.5td / tds (Chain) 318tds. E36(94-00) 325td/tds. E36(91-99) 525td/tds. E34(90-00) 725tds. E38(95-02)
ENGINE CODE:	1.7 2.5td / tds (Chain) M41 / M51

KT NO.	g	
9AT2106E	2480.0	1 / 5

CONTENTS :
- A – camshaft setting plate
- B – tensioner lever
- C – flywheel locking pin
- D – tensioner retaining pin
- E – pump remove & sprocket retainer (2 part)



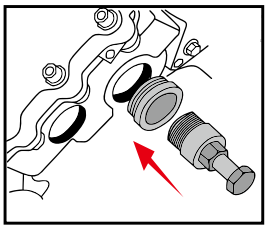


LAND ROVER
Diesel Injection Pump Puller

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





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)

KT NO.	g	
9AT2-D01	528.0	6 / 36

MAZDA
Timing Locking Tool Kit

9AT1005E

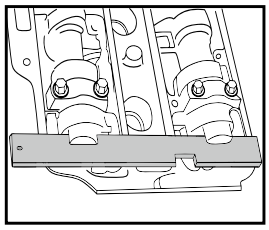
- The kit includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application

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

KT NO.	g	
9AT1005E	1051.0	1 / 10



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)



RENAULT
Diesel Engine Setting & Locking Tool Kit

9AT2008E

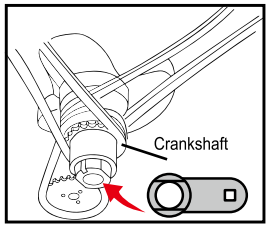
- The kit includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

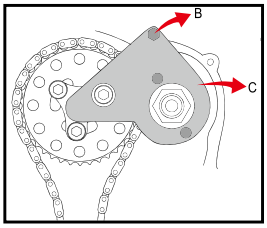
MODEL:	Megane II (07-09) Scenic /Grand Scenic (08-09) Laguna II (01-05) Vel Satis (05-09) Espace / Grand Espace (08-09) Koleos (08-09) Trafi c (07-09)
ENGINE CODE:	**2,0 dCi M9R** 700 / 721 / 722 / 724 / 740 / 742 / 446 / 760 761 / 780 / 802 / 803 / 805 / 830 / 832 / 833

KT NO.	g	
9AT2008E	2375.5	1 / 5



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

Renault Timing Kit(Dci Engines)

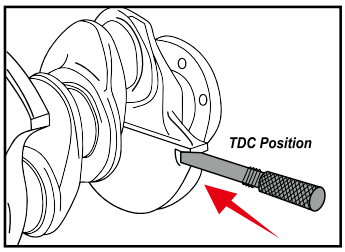
9AT3-A03

new

- Kit includes camshaft / crankshaft locking pins and TDC timing pin
- which is used for timing belt replacement
- Suitable for Renault 1.5 and 1.9 DCi diesel and petrol engines

RENAULT (Belt)	
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

KT NO.	g	
9AT3-A03	220	10 / 100

RENAULT

Timing Locking Tools Petrol 2.0 16V IDE - F5R

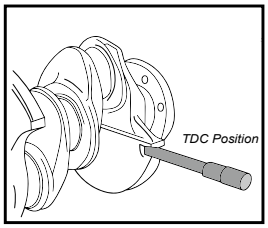
9AT1-A03

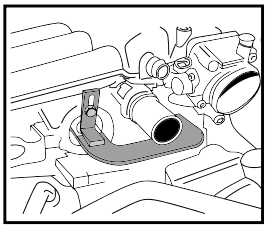
- The kit includes crankshaft timing pin and camshaft setting plate, to aid timing belt replacement
- Suitable for Renault 2.0 IDE twin cam petrol engines found in Laguna and Megane vehicles

MODEL:	Megane (99-03) Laguna II (01-05)
ENGINE CODE:	F5R700 / 701 / 740

KT NO.	g	
9AT1-A03	510.6	10 / 30





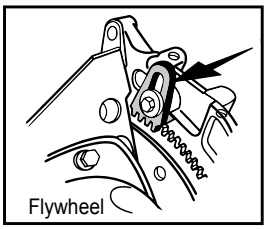


RENAULT
Flywheel Holding & Locking Tool

9AT3-E02

- The kit 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





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)

KT NO.	g	
9AT3-E02	64.2	20 / 100

NISSAN
Diesel Engine Setting & Locking Tool Kit

9AT2008E

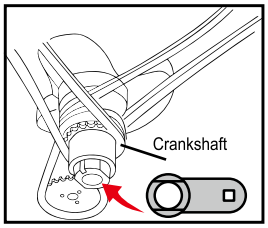
- The kit includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

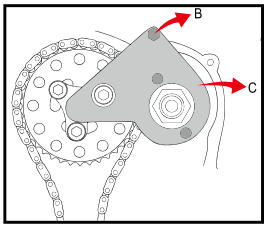


CONTENTS :
- A&H - camshaft gear alignment tool
- B&C - camshaft setting plate
- D - crankshaft locking pin
- E - auxiliary belt tensioner locking pin
- F - crankshaft pulley holding tool
- G - chain tensioner locking pin

MODEL:	Primastar (08-09) Qashqai (08-09) X-Trail (07-08)
ENGINE CODE:	**M9R** 780/830/832/833

KT NO.	g	
9AT2008E	2375.5	1 / 5





ROVER
2.0 / 3.0 Timing Kit

9AT2007E

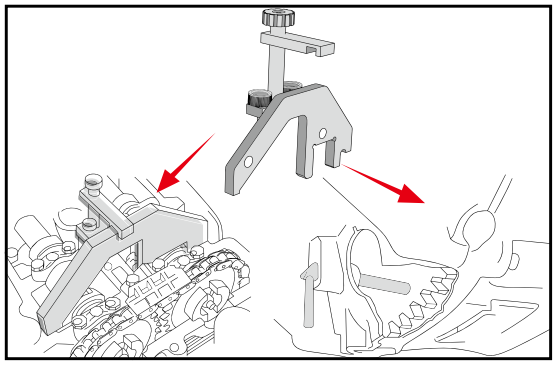
- The kit includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use on check and adjust the timing position of camshaft and TDC position of crankshaft

MODEL:	**Diesel (chain)** **Rover** 75 (99-05) **MG** MG ZT (01-05)
ENGINE CODE:	**Diesel (chain)** M47R (BMW)

KT NO.	g	
9AT2007E	1752.5	1 / 10



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 Tool Kit

9AT2005E

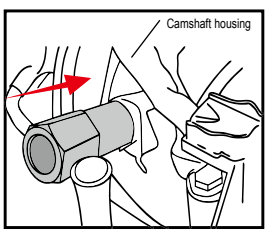
- The kit includes crankshaft locking tool, camshaft setting tools(pair) and a tensioner locking pin
- Suitable for Saab, Vauxhall / Opel engine
- Use to set and lock engines timing

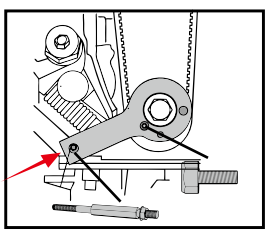
MODEL:	**Diesel 2.2D TiD** 9-3 (98-04), 9-5 (02-06)
ENGINE CODE:	**Diesel 2.2D TiD** Z19DT, Z19DTH

KT NO.	g	
9AT2005E	1295.0	1 / 10



CONTENTS :
- A&D - crankshaft locking tools
- B - camshaft setting tool (pair)
- C - tensioner locking pin





SUZUKI
Petrol Engine Setting & Locking Kit

9AT1004E

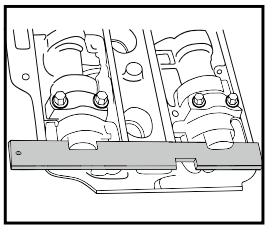
- The kit includes camshaft setting plate, crankshaft locking pin, chain tensioner locking pin and also camshaft sensor aligning bracket
- The bracket is used to position the timing sensor disc on the inlet camshaft

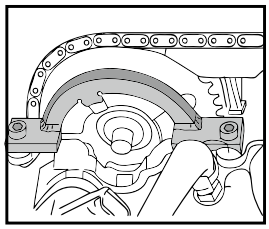
MODEL:	**Petrol 1.0 / 1.2 (Chain)** Wagon R+ (05-08)
ENGINE CODE:	**Petrol 1.0 / 1.2 (Chain)** Z10XEP Z12XEP

KT NO.	g	
9AT1004E	1316.5	1 / 10



CONTENTS :
- A - camshaft sensor aligning bracket
- B - crankshaft locking pin
- C - camshaft locking tool
- D - tensioner retaining pin





SUZUKI
Diesel Engine Setting & Locking Tool Kit

9AT2004E

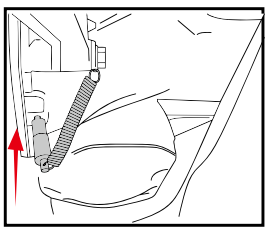
- The kit includes flywheel locking pin, camshaft setting tools, tensioner locking pin
- Use to retain timing position only. DO NOT use them to hold camshafts in position while releasing or tightening the sprocket bolts

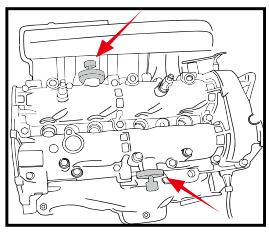
MODEL:	**Diesel 1.3 DDiS (Belt)** Swift (04-09) Ignis (03-09) Wagon R+ (03-08)
ENGINE CODE:	**Diesel 1.3 DDiS (Belt)** Z13DT

KT NO.	g	
9AT2004E	1100.5	1 / 10



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

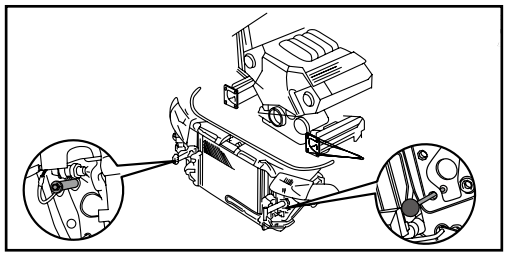
- The kit includes 8mm, 10mm and 17mm support guides
- Suitable for almost all VW Group models
- Use to extend the front panel of vehicles, so it can provide more space in engine compartment while carrying out various service applications



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

KT NO.	g	
9AT1006E	1420.5	1 / 10



VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

VW Petrol Engine Twin Camshaft Setting & locking Tool Set - VAG 1.4 / 1.6 FSi (Chain)

9AT1103E

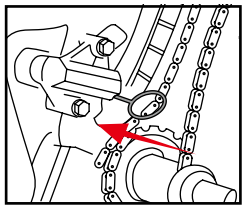
- The kit includes camshaft setting plate, TDC position tool (with DTI) and tensioner locking pin
- 9AT1103 'B' TDC positioning tool has to use with 9AT3-F01(not included in this set)

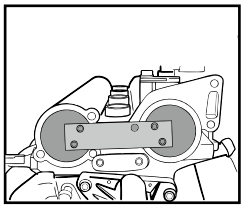


CONTENTS :
- A - camshaft setting plate
- B - TDC position tool (with DTI)
- C - tensioner locking pin

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

KT NO.	g	
9AT1103E	1456.0	1 / 10





VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Diesel & Petrol Engine Timing Locking Kit

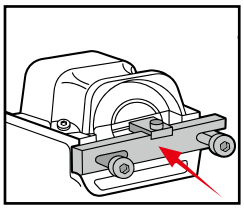
- PETROL :1.6 / 1.8 / 1.8T / 2.0 / 2.0 16v / 2.0FSi (Chain)
- DIESEL :1.7 and 1.9D / DT / SDi / TDi (Belt)

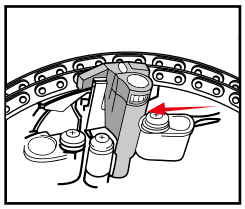
9AT1012E

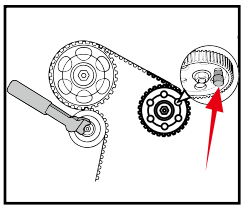
- The kit includes injection pump locking tools and cam belt tensioner tools
- Suitable for VAG diesel (1.7 and 1.9D / SDi / TDi) and petrol (1.6 to 2.0) engines , and chain-in-head (1.8 / 1.8T) engine
- Use to replace timing belt and carry out various timing tensioner applications



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







KT NO.		
9AT1012E	2037.2	1 / 5

MODEL:	**PETROL / DIESEL :** **Audi** 80 (91-96) / A3 (96-08) / S3 (99-03) A4 (95-08) / A6 (94-08) / TT (98-05) Cabriolet (94-08) **Seat** Altea (04-08) Alhambra (95-04), Arosa (98-05), Ibiza / Cordoba (93-02) Inca (96-04), Leon (99-05), Toledo (94-08) **Skoda** Fabia (00-07), Octavia (96-07) Superb (02-08) **VW** Beetle (99-08), Bora / Golf (94-08) Caddy (95-06), Lupo (99-06) Passat (96-08), Vento(92-97), Jetta(05-09) Polo / Classic (95-02), Sharan (95-08) Touran (03-08), Transporter (90-08)
ENGINE CODE:	**PETROL :** **1.6** 1F, ABM, ADA, ADP, AEH, AEK, AFT, AHL, AKL, AKS, ALZ, ANA, APF, ARM, AVU, AYD, BFQ, BFS, BFQ, BGU, BSE, BSF **1.8** ABS, ADR, ADZ, AGN, AJP, APG, APT, APX, ARG **1.8T** AEB, AGU, AJH, AJL, AJQ, AMK, ANB, APP, APU, APY, AQA, AQX, ARX, ARY, ARZ, AUM, AVC, AWC, AWT, AWU, AUQ, AYP, BAM **1.8 16v** ADL **2.0** 2E, AAC, AAE, ABF, ABK, ABT, ACE, ADY, AEG, AGG, AKT, APK, AQY, ATM, ATU, AWF, AWG, AXA, AZH, AZJ, AZL, AZM, BEH **2.0 16v** ABF **2.0FSi / TFSi** AXW, AXX, BGB, BHD, BLR, BLY, BMB, BPJ, BPY, BWA --- **DIESEL :** **1.7 SDi** AHB, AHG, AKU, AKW **1.9D/Turbo** 1Y, AAZ, ABL, AEF **1.95 SDi** AEF, AEY, AGD, AGP, AQM, ASX, ASY, AYQ **1.9TDi** 1Z, AAZ, AFF, AFN, AGR, AHF, AHH, AHU, ALE, ALH, ASV, AVG

VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Setting & Locking Tool Kit

9AT1104E

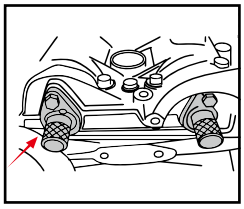
- The kit includes a camshaft setting tool set (pair), camshaft setting tool and a flywheel locking pin
- Suitable for VW Group 1.2 engine range
- Use to adjust valve timing

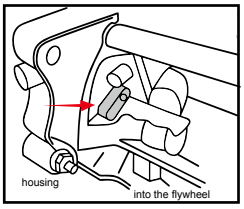
MODEL:	**SEAT** A3 (02-08) **Skoda** Fabia (02-07) **Volkswagen** Polo (02-07), Fox (05-08), Eos (06-08)
ENGINE CODE:	**Petrol 1.2 6v (chain)** AWY, BMD **Petrol 1.2 6v (chain)** AZQW, BME

KT NO.	g	
9AT1104E	1291.0	1 / 10



CONTENTS :
- A - camshaft setting tool set (pair)
- B - flywheel locking pin
- C - camshaft setting tool





VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Timing Kit

9AT1306E

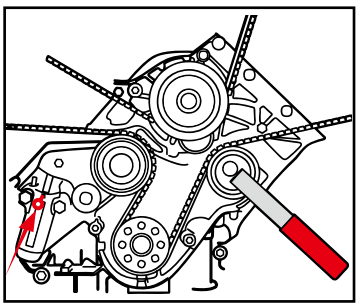
- The kit includes camshaft setting plate, camshaft sprocket adjusting tool, tensioner adjusting tool, tensioner locking pin and crankshaft locking pin
- Suitable for Audi VAG 3.0 V6 petrol engine
- Use to replace timing belt and carry out timing tensioner applications

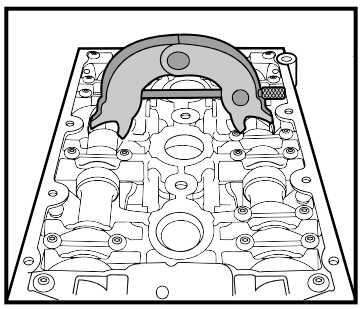
MODEL:	**Audi** A4 (01-08) / A6 (01-08) / A8 (03-08) Cabrio (03-08)
ENGINE CODE:	ASN / AVK / BBJ

KT NO.	g	
9AT1306E	3667.5	1 / 5



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

Diesel Engine Setting / Locking Tool Kit - Pumpe Düse

9AT2012E

new

- The kits 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.)

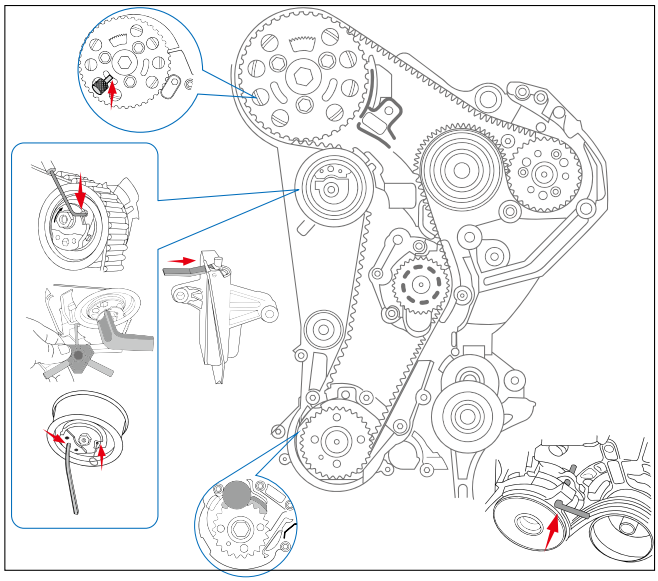


MODEL:	**Audi** A2 (01-06) / A3 (01-09) / A4 (99-09) A5 (08-09) / A6 (98-08) / TT (08-09) Q5 (08-09) **Skoda** Fabia (00-07) / Fabia II (07-09) Octavia (00-09) / Octavia II (04-09) Superb (02-08) / Roomster (07-09) **Volkswagen** Lupo(99-05) / Polo(99-07) / Fox(05-08) Jetta (05-09) / Passa (98-09) / 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

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

KT NO.	g	
9AT2012E	1845	1 / 10



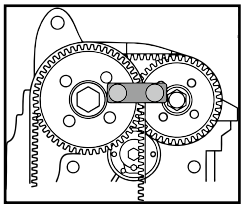
VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

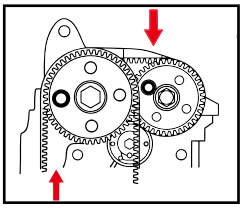
Camshaft Sprocket Holding Tool

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







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

KT NO.	g	
9AT1-A01	339.8	6 / 36

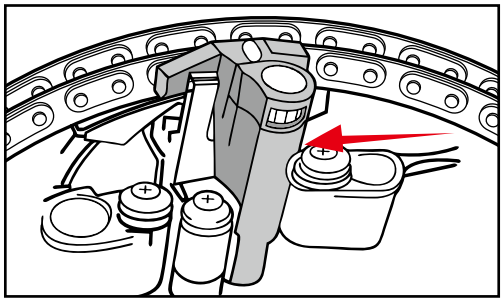
VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Chain Tensioner Retainer

9AT1-A04 new

- Use to hold the chain tensioner in position when removing or installing timing chain
- Suitable for a variety of VAG chain drive engines





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

KT NO.	g	
9AT1-A04	46	12 / 192

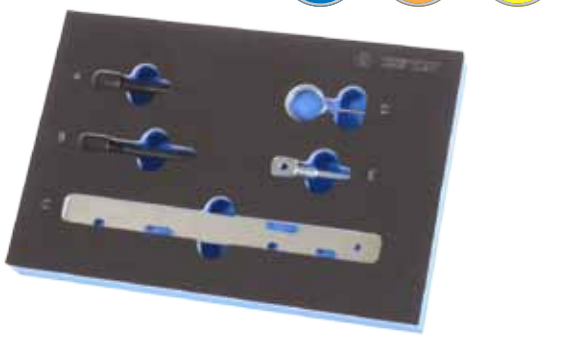
VOLVO
Timing Locking Tool Kit

9AT1005E

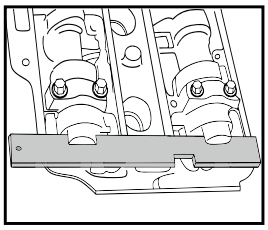
- The kit includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application

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)

KT NO.	g	
9AT1005E	1051.0	1 / 10



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)



VAUXHALL/OPEL
Petrol Engine Setting & Locking Kit

9AT1002E

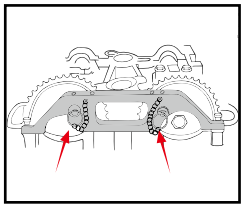
- The kit includes camshaft setting tool and tensioner retaining pin
- Suitable for Vauxhall / Opel & Fiat engine
- Use to lock the camshafts on the correct timing position

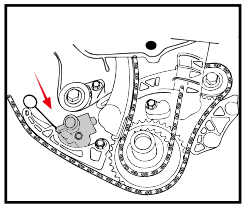
MODEL:	**Petrol 2.2 16v. Twin Cams(Chain)** Astra-G (00-06) Astra-H (06-09) Speedster / VX220 (00-06) Vectra-B+C (00-08) Signum (03-08) Zafira-A+B (00-09)
ENGINE CODE:	Z22SE, Z22YH

KT NO.	g	
9AT1002E	1510.0	1 / 10



CONTENTS :
- A - camshaft setting tool
- B - tensioner retaining pin





VAUXHALL/OPEL

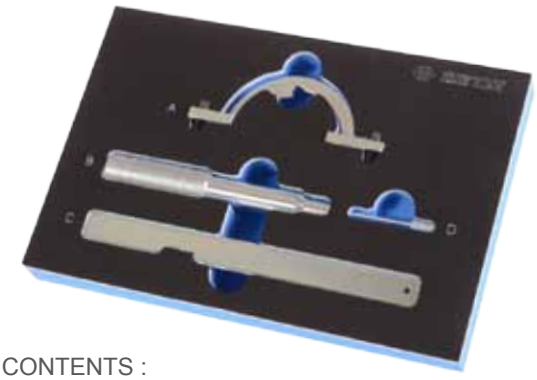
Petrol Engine Setting & Locking Kit

9AT1004E

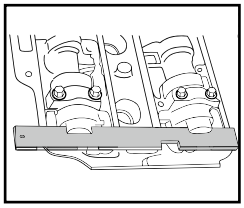
- The kit includes camshaft setting plate, crankshaft locking pin, chain tensioner locking pin and also camshaft sensor aligning bracket
- The bracket is used to position the timing sensor disc on the inlet camshaft

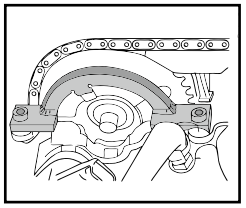
MODEL:	**Petrol 1.0 / 1.2 / 1.4 Twin Cams (Chain)** Agila (00-08), Corsa-B (97-00), Corsa-C (00-07), Corsa-D(06-09), Combo-C (04-07), Tigra-B (04-09), Astra-G (98-06), Astra-H (04-09), Meriva (04-09)
ENGINE CODE:	**Petrol 1.0 / 1.2 / 1.4 Twin Cams (Chain)** **1.0 12v.** X10XE / Z10XE / Z10XEP **1.2 16v.** X12XE / Z12XE / Z12XEP **1.4 16v.** Z14XEL / Z14XEP

KT NO.	g	
9AT1004E	1316.5	1 / 10



CONTENTS :
- A - camshaft sensor aligning bracket
- B - crankshaft locking pin
- C - camshaft locking tool
- D - tensioner retaining pin





VAUXHALL/OPEL

Petrol Tensioner Adjustement Wrench (Via Water Pump)

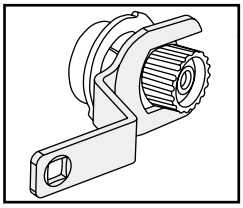
9AT1202

- The kit includes 41mm and 46mm tension adjust wrench
- Suitable for Vauxhall / Opel and Chevrolet engine

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

KT NO.	g	
9AT1202	694.4	6 / 24





CONTENTS :
- A - tension adjustment wrench (46mm)
- B - tension adjustment wrench (41mm)

VAUXHALL/OPEL
Diesel Engine Setting & Locking Tool Kit

9AT2004E

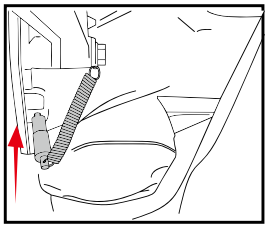
- The kit includes flywheel locking pin, camshaft setting tools, tensioner locking pin
- Use to retain timing position only. DO NOT use them to hold camshafts in position while releasing or tightening the sprocket bolt

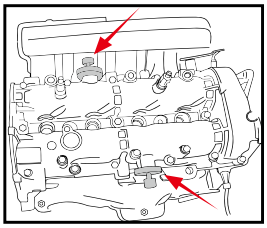
MODEL:	**Diesel 1.3D CDTi (Chain)** Agila (03-08), Agila-B (08-09) Corsa / Combo-C (03-09), Corsa-D (08-09) Tigra-B(04-09), Meriva (04-09) Astra-H (05-09)
ENGINE CODE:	**Diesel 1.3D CDTi (Chain)** Z13DT, Z13DTH, Z13DTJ

KT NO.	g	
9AT2004E	1100.5	1 / 10



CONTENTS :
- A - camshaft setting tool set (pair)
- B - flywheel locking pin
- C - tensioner retaining pin





VAUXHALL/OPEL
Diesel Engine Setting & locking Tool Kit

9AT2005E

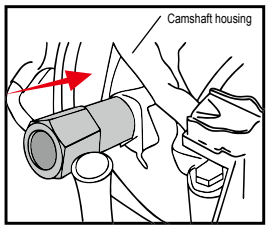
- The kit includes crankshaft locking tool, camshaft setting tools(pair) and a tensioner locking pin
- Suitable for Saab, Vauxhall / Opel engine
- Use to set and lock engines timing

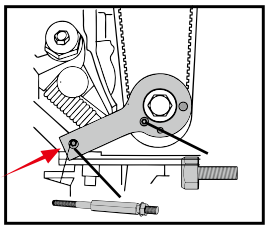
MODEL:	**Diesel 1.9D CDTi / 2.0D CDTi(Belt)** Astra-H (04-09), Vectra-C(04-08) Signum (04-08), Zafira-B (05-09) Insignia (08-09)
ENGINE CODE:	**Diesel 1.9D CDTi / 2.0D CDTi(Belt)** **1.9CDTi** Z19DT / Z19DTH / Z19DTJ / Z19DTL **2.0CDTi** A20DT / LBS / A20DT / LBX / A20DT / LBY A20DT / LCD

KT NO.	g	
9AT2005E	1295.0	1 / 10



CONTENTS :
- A&D - crankshaft locking tools
- B - camshaft setting tool (pair)
- C - tensioner locking pin





VAUXHALL/OPEL

2.0 / 3.0 Timing Kit

9AT2007E

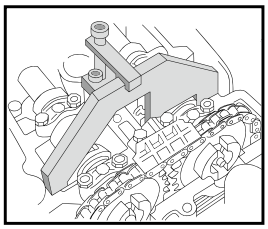
- The kit includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

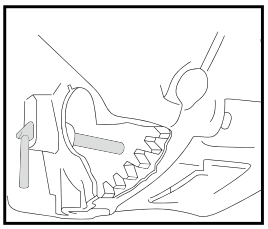
MODEL:	**Diesel (Chain)** Omega-B(01-03)
ENGINE CODE:	**Diesel (Chain)** Y25DT

KT NO.	g	
9AT2007E	1752.5	1 / 10



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 Tool Kit

9AT2008E

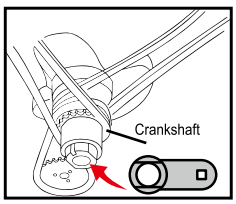
- The kit includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

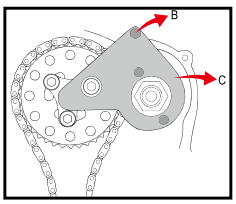
MODEL:	Vivaro (07-08)
ENGINE CODE:	**M9R** 780/782/784

KT NO.	g	
9AT2008E	2375.5	1 / 5



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





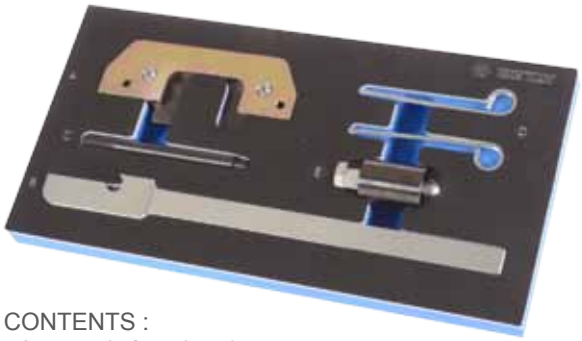
VAUXHALL/OPEL
Diesel Engine 2.5TDS Timing Kit

9AT2106E

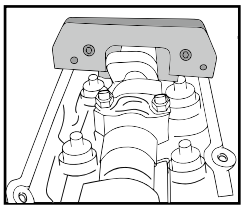
- The kit includes camshaft setting plate , tensioner lever , tensioner retaining pin , flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engines
- Use to retain and support the sprocket and timing chains in position when the pump is removed

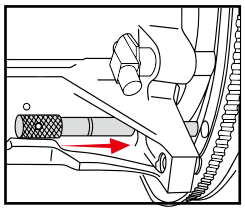
MODEL:	1.7 2.5td / tds (Chain) 318tds. E36(94-00) 325td/tds. E36(91-99) 525td/tds. E34(90-00) 725tds. E38(95-02)
ENGINE CODE:	1.7 2.5td / tds (Chain) M41 / M51

KT NO.	g	
9AT2106E	2480.0	1 / 5



CONTENTS :
- A – camshaft setting plate
- B – tensioner lever
- C – flywheel locking pin
- D – tensioner retaining pin
- E – pump remove & sprocket retainer (2 part)





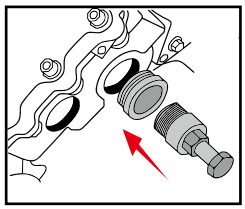
VAUXHALL/OPEL
Diesel Injection Pump Puller

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

MODEL:	Omega - B (01-03)
ENGINE CODE:	Y25DT





KT NO.	g	
9AT2-D01	528.0	6 / 36

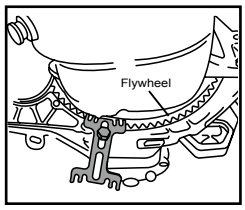
VAUXHALL/OPEL
Flywheel Holding & Locking Tool

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

MODEL:	Astra (86-91) Astra-F + G (91-98) Ascona-C / Cavalier (86-88) Vectra A (89-95)
ENGINE CODE:	16DA, 17D, 17DR, 17DTL





KT NO.	g	
9AT2-E01	38.8	20 / 100

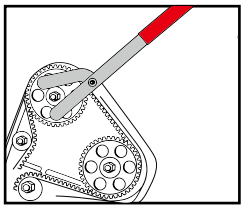
UNIVERSAL
Camshaft & Injection Pump Sprocket Holding Tool

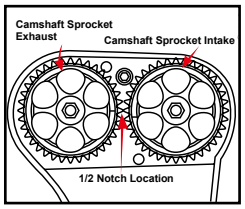
9AT3-A01

- 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

KT NO.	g	
9AT3-A01	911.6	6 / 24







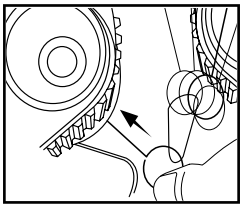
UNIVERSAL
Belt Tensioner Lock Pin Set

9AT3-B01

- The 6 pcs 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

KT NO.	g	
9AT3-B01	17.2	20 / 100





CONTENTS :
- 0.79mm / .0310"
- 1.21mm / .0476"
- 1.41mm / .0560"
- 1.51mm / .0594"
- 1.71mm / .0670"
- 1.92mm / .0760"

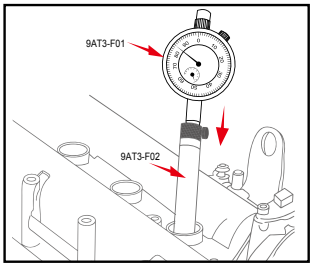
UNIVERSAL
Dial Test Indicator

■ 9AT3-F01

- Use to measure and accurately find the piston TDC position
- This tool has to use with TDC Indicator 9AT3-F02

KT NO.	g	
9AT3-F01	63.0	1 / 100





UNIVERSAL
TDC Indicator

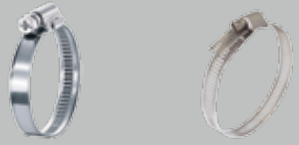
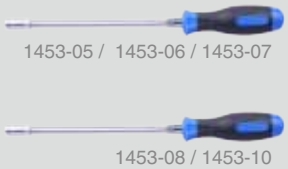
■ 9AT3-F02

- Use to measure if the cylinder piston at TDC position
- This tool has to use with Dial Test Indicator 9AT3-F01

KT NO.	g	
9AT3-F02	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, Opel, Renault, Ford, Volvo
 Screw Clamp Worm Drive Clamp	 1453-05 / 1453-06 / 1453-07 1453-08 / 1453-10	Universal

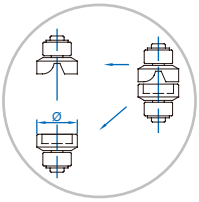
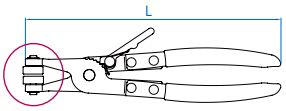
Straight Hose Clamp Pliers

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.	L (inch)	L (mm)	Ø (mm)	g	
9AA11	8-1/2	220	17.5	220.1	12 / 72



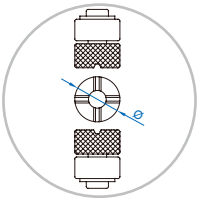
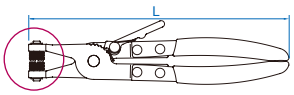
Wire Hose Clamp Pliers

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.	L (inch)	L (mm)	Ø (mm)	g	
9AA13	8-21/32	220	12.2	238.4	12 / 72



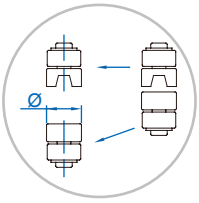
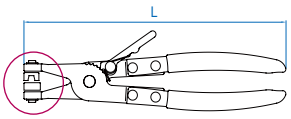
Flat Band Hose Clamp Pliers

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.	L (inch)	L (mm)	Ø (mm)	g	
9AA16	8-1/2	220	12.7	213	12 / 72



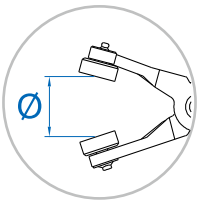
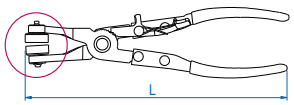
Curved Hose Clamp Pliers

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.	L (inch)	L (mm)	Ø (mm)	g	
9AA21	8-1/2	220	18~53	224	12 / 48



Flexible Hose Clamp Pliers

9AA31

9AA32

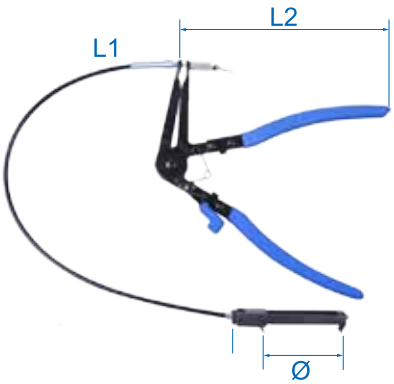
- Use to remove and install spring clamp
- Flexible flat jaw with greater access in confined spaces
- Suitable for universal cars





9AA31





9AA32

KT NO.	L1 (inch)	L1 (mm)	L2 (inch)	L2 (mm)	Ø (mm)	g	
9AA31	25	630	9	225	12~53	528	12 / 36
9AA32	27-1/4	700	12	310	1~77	755.6	6 / 24

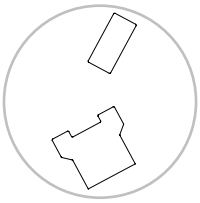
Fuel Line Pliers

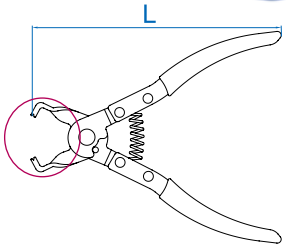
9AA17

- 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.	L (inch)	L (mm)	g	
9AA17	6-3/4	171	188	12 / 60

CLIC Hose Clamp Pliers

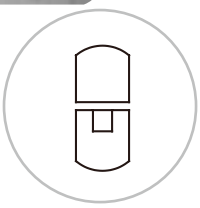
9AA15

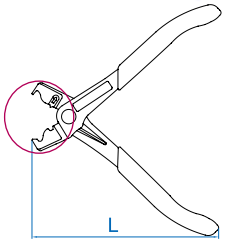
- Use to remove and install CLIC and CLIC-R clamp
- Special jaw easy to hold clamp in position
- Suitable for VW, Audi, Opel, Citroen, Peugeot, Fiat, Renault, Mercedes-Benz











KT NO.	L (inch)	L (mm)	g	
9AA15	5-19/32	142	222.6	12 / 72

360° CLIC Hose Clamp Pliers

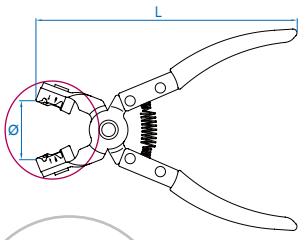
9AA25

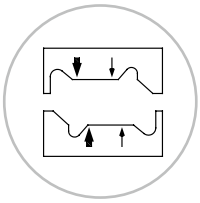
- Use to remove and install CLIC and CLIC-R clamp
- 360° swivel angle jaw easy to hold clamp in position
- Suitable for VW, Audi, Opel, Citroen, Peugeot, Fiat, Renault, Mercedes-Benz











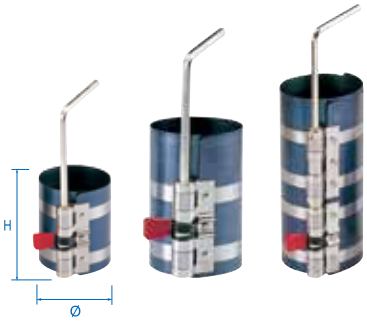
KT NO.	L (inch)	L (mm)	Ø (mm)	g	
9AA25	7	175	35	224	12 / 72

Piston Ring Compressor

9AC

- The square adjustment key wrench forces the rings into the grooves and cluch controls prevent them from expanding



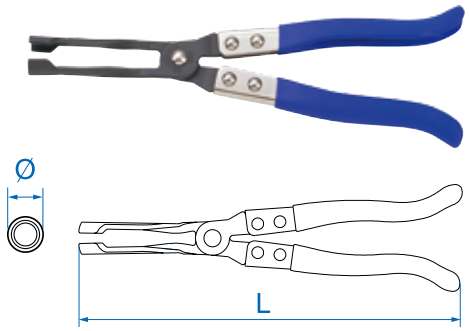


KT NO.	H (inch)	H (mm)	Ø (inch)	Ø (mm)	g	
9AC125-32	3-1/4	80	2-1/4~5	57~125	260	1/60
9AC125-40	4	100	2-1/4~5	57~125	280	1/60
9AC175-32	3-1/4	80	3-1/2~7	90~175	300	1/60
9AC175-40	4	100	3-1/2~7	90~175	320	1/60
9AC175-66	6-3/4	165	3-1/2~7	90~175	530	1/40

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)	g	
9AD11	11	275	9.5	400	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 (mm)	g	
9AE31-73	60~73	274.8	6 / 36
9AE31-85	73~85	283.4	6 / 36
9AE31-95	85~95	300.0	6 / 36
9AE31-111	95~111	306.8	6 / 36
9AE31-121	110~121	309.0	6 / 36
9AE31-134	120~134	321.6	6 / 36





Band Type Oil Filter Wrench

9AE32

- Adjustable metal band and control knob makes grip tight
- Suitable for filters between Ø65mm to Ø155mm

KT NO.	Ø (mm)	g	
9AE32-110	65~110	246.0	25 / 50
9AE32-155	110~155	251.6	25 / 50





Special Purpose Wrench

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

KT NO.	Capacity (mm)	Chan Length (mm)	g	
320540	Ø 60~105	350	742	6 / 24
320560	Ø 60~160	520	880	6 / 24



• Adjust to appropriate size of the oil filter.



• Release the chain to reinstate it.



Special Purpose Wrench

3203

- Strap wrench for oil filter

KT NO.	Capacity (mm)	Total Length (mm)	Total Length (inch)	g	
3203	Ø 60~140	223	8-3/4	242	50
3203A0	Ø 60~260	223	8-3/4	300	50





Special Purpose Wrench

320300

- Strap for 3203

KT NO.	L (mm)	W (mm)	t (mm)	g	
320300	530	16	3.5	43	80



3204

- Chain wrench for oil filter

KT NO.	Capacity (mm)	Total Length (mm)	Total Length (inch)	g	
3204	Ø 60~140	225	8-3/4	359	50





Oil Filter Wrench

9AE2

new

- Withstands up to 115.2Nm(85 ft.lbs.)
- Suitable for 3/8" drive tool
- Coated with electro-black oxide finish for protection against rust
- Cup-type design wrench to reduce the possibility of damaging filters







KT NO.	Contents	g	
9AE2-6514	65mm(2-9/16")- 14 flutes-1 step Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc…	114.6	12 / 72
9AE2-6567	65 to 67mm(2-9/16"to 2-21/32")–14 flutes–2 step Fits same filters as made in Canada including, PH4386, PH4967, PH6017, PH6018, Daihatsu, Toyota, etc…	122.8	12 / 72

4 PC. Cup Type Oil Filter Wrench Kit

9AE2004

- Withstands up to 85 ft.lbs
- Coated with electro-black oxide finish for protection against rust
- Cup-type design wrench to reduce the possibility of damaging filters



KT NO.	g	
9AE2004	571	1 /20



9AE2-6606	66 mm(2-19/32")-6 flutes-1 step Fiat (Punto, 1.2), Renault (Clio1.2 Express, Kangoo, Rapid, Twingo), etc…
9AE2-7608	76mm(3")-8 flutes-1 step Fiat (z.B. Marea), Lancia (z.B. Delta), etc…
9AE2-7614	76mm(3")-14 flutes-1 step 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-1 step Fits Casite, Champ, Champion, GM, Fram, Hastings, Opel, Mazda, Volvo, Mitsubishi, Purolator, Wix, Nissan, VW, Porsche, Renault, Ford, Honda, Audi, etc…

16 PC. Cup Type Oil Filter Wrench Kit

9AE2016

- Withstands up to 115.2 Nm 85 ft.lbs
- Coated with electro-black oxide finish for protection against rust
- 1PC. 1/2"(F)x3/8"(M) adapter
- 1PC. 3 legged oil filter wrench(63-102mm)







KT NO.	kg	
9AE2016	3.6	1 / 5

9AE2-6606	66mm(2-19/32")-6 flutes-1 step Fiat(Punto, 1.2), Renault(Clio 1.2 Express, Kangoo. Rapid. Twingo), etc....
9AE2-7476	74 to 76mm(2-29/32" to 3")-15 flutes-2 step Fits Fram, AC, Saturn, Opel, VW, Audi, Mercedes, etc....
9AE2-7608	76mm(3")-8 flutes-1 step Fiat(z.B. Marea), Lancia(z.B. Delta), etc....
9AE2-7612	76mm(3")-12 flutes-1step Fiat(z.B. Ducato, Scudo, Ulysee),Renault, (Megane, Laguna, Espace III.), etc....
9AE2-7614	76mm(3")-14 flutes-1step Fits Champion, Champ Lee, Purolator, Mopar, VW, Porsche,Mercedes, BMW, Audi, Toyota, Opel, etc....
9AE2-8616	86mm(3-3/8")-16 flutes-1step Volvo(S40, S60, S70, S80) etc....
9AE2-8618	86mm(3-3/8")-18 flutes-1step 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-1step Fiat, Cinquecento, Coupe, Croma, 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-1step 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-1step VW-Audi.(TDi 2.4, 2.6, 2.8L), etc....
9AE2-9618	96mm(3-3/4")-18 flutes-1step 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-1step Fiat(Ducato 2.5D. Td), etc....
9AE2-10815	108mm(4-8/32")-15 flutes-1step Volvo(C70. S70. V70. Tdi. TD)(850 Tdi. TD) etc....
9AE2-10818	108mm(4-8/32")-18 flutes-1step 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

30 PC. Cup Type Oil Filter Wrench Kit

9AE6030

- 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







KT NO.	kg	
9AE6030	66.66	1 / 3

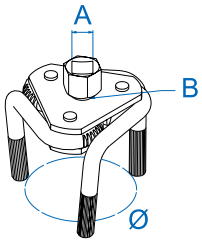
9AE6-6514	65mm(2-9/16")- 14 flutes-1 step Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc…
9AE6-6567	65 to 67mm(2-9/16" to 2-21/32")–14 flutes–2 step Fits same filters as made in Canada including, PH4386, PH4967, PH6017, PH6018, Daihatsu, Toyota, etc…
9AE6-6606	66 mm(2-19/32")-6 flutes-1 step Fiat (Punto, 1.2), Renault (Clio1.2 Express, Kangoo. Rapid. Twingo), etc…
9AE6-6814	68mm(2-11/16")-14 flutes-1 step 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-1 step Fits Toyota/Lexus, etc…
9AE6-7415	74mm(2-7/8")-15 flutes-1 step MF, Audi (#056-115-561g), GM. Rover, Chrysler, etc…
9AE6-7476	74 to 76mm(2-29/32" to 3")-15 flutes-2 step Fits Fram, AC, Saturn, Opel, VW, Audi, Mercedes, etc…
9AE6-7577	75t o 77mm(3-15/16" to 3-1/32")-15 flutes-2 step Fits VW, Audi, Casite, GM/AC, Hastings, Wix, NAPA, Ford, Isuzu, Mercedes, Opel, etc…
9AE6-7608	76mm(3")-8 flutes-1 step Fiat (z.B. Marea), Lancia (z.B. Delta), etc…
9AE6-7612	76mm(3")-12 flutes-1 step Fiat (z.B. Ducato, Scudo, Ulysee), Renault, (Megane, Laguna, Espace III), etc…
9AE6-7614	76mm(3")-14 flutes-1 step Fits Champion, Champ Lee, Purolator, Mopar, VW, Porsche, Mercedes, Benz, BMW, Audi (I.B.A3TD) Opel, etc…
9AE6-7630	76mm(3")-30 flutes-1 step Fits Motorcraft only-FL400A, Ford, etc…
9AE6-7815	78mm(3-2/32")-15 flutes-1 step Nissan (#15028H8991), Ford, Toyota, Honda (Accord), etc…
9AE6-8015	80mm(3-9/64")-15 flutes-1 step Fits Opel, Hastings, Fram, Purolator, Nissan, Honda, Motorcraft, Mazda, Isuzu, Subaru filters.
9AE6-8082	80 to 82mm(3-9/64" to 3-7/32")-15 flutes -2 step Fits Wix Filters. Branded for:Mazda,Subaru,Toyota,Honda,Acura ,Nissan,NAPA.Etc…
9AE6-8616	86mm(3-3/8")-16 flutes-1 step Volvo (S40, S60, S70, S80), etc…
9AE6-8618	86mm(3-3/8")-18 flutes-1 step 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-1 step Fits Honda (Accord). Mitsubishi. Mopar. Isuzu, etc...
9AE6-9210	92mm(3-40/64")-10 flutes-1 step Fiat, Cinquecento, Coupe, Croma, 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-1step 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-1 step Fits Ford, Motorcraft only-FL1A, (FLA1B, FL300, FL820 Ford), etc…
9AE6-9345	93mm(3-21/32")-45 flutes-1 step VW-Audi, (TDi 2.4, 2.6, 2.8L), etc…
9AE6-9515	95mm(3-6/8")-15 flutes-1 step Toyota (#15600-41010) Alfa Romeo, GM, Ford, Chrysler.
9AE6-9618	96mm(3-3/4")-18 flutes-1 step 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(4")-15 flutes-1 step Fits Fram, Motorcraft, Wix, Isuzu, Mitsubishi, etc…
9AE6-10615	106mm(4-11/64")-15 flutes-1 step Fiat (Ducato 2.5D.Td), etc…
9AE6-10815	108mm(4-8/32")-15 flutes-1 step Volvo (C70.S70.V70.TDi.TD) (850 TDi. Turbo Diesel)
9AE6-10818	108mm(4-8/32")-18 flutes-1 step 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

Three-Legs Oil Filter Wrench

9AE41

- The claw-type filter is available for removing all oil filters from 2-1/2" to 4"-3/4" (63-120mm) in diameter
- Suitable for use with 3/8" or 1/2" square drive tool
- Coated with electro-black oxide finish for protection against rust





KT NO.	A (inch)	B (inch)	Ø (inch)	Ø (mm)	g	
9AE41	1/2	3/8	2-1/2~4-3/4	63~120	597	6 / 36



9AE42

- The claw-type filter is available for removing all oil filters from 2-1/2" to 4" (63-102mm) in diameter
- Suitable for use with 3/8" or 1/2" square drive tool
- Coated with electro-black oxide finish for protection against rust



9AE42



9AE423

KT NO.	A (inch)	B (inch)	Ø (inch)	Ø (mm)	g	
9AE42	1/2	3/8	2-1/2~4	63~102	395	12 / 48
9AE221	1/2	3/8	-	-	39	-
9AE423	-	3/8	2-1/2~4	63~102	356	12 / 48
9AE433	-	3/8	2-9/16~4-23/32	65~120	501.6	12 / 36

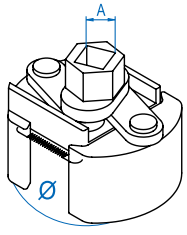


Two Jaws Oil Filter Wrench

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 tight grip









KT NO.	A (inch)	Ø (inch)	Ø (mm)	g	
9AE52	1/2	2-3/8~3-1/8	60~80	470	12 / 48

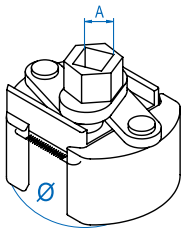
Two Jaws Oil Filter Wrench

9AE53

new

- 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 (inch)	Ø (mm)	g	pcs/box
9AE53-80	3/8	2-3/8~3-1/8	60~80	375	6 / 36
9AE53-115	1/2	3-1/8~4-1/2	80~115	667	6 / 24

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 max(mm)	g	pcs/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



9AF11-60

9AF11-30

9AF11-15

KT NO.	g	pcs/box
9AF113	244.4	12 / 48

10 PC. Valve Spring Compressor Set

9AH11

- Complete Service tool kit for OHV & OHC petrol or diesel engines on Audi, Nissan, Toyota, Chrysler, Honda, Mazda, Mitsubishi, Saturn, Lexus, Hyundai, Infiniti, Porsche, Volvo, VW

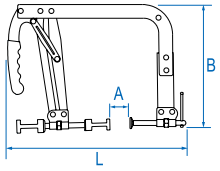


KT NO.	L (mm)	L1 (mm)	H (mm)	kg	
9AH11	515	275	95	4.22	1 / 5

5 PC. 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 use in areas of difficult access. Dual size in 25 and 30mm adapter









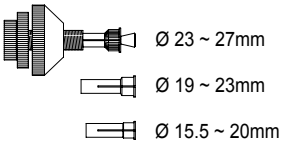
KT NO.	A (mm)	B (mm)	L (mm)	kg	
9AH025	35~140	280	390	4.56	1 / 5

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







KT NO.	Ø (mm)	kg	
9AK11	15.5~27	0.19	1 / 20

Complete Kit 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



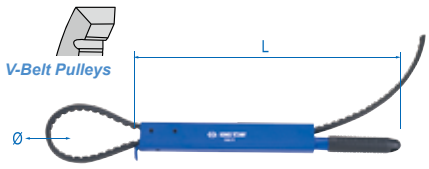
KT NO.	kg	
9AK21	10.75	1 / 2

Pulley Removing Wrench

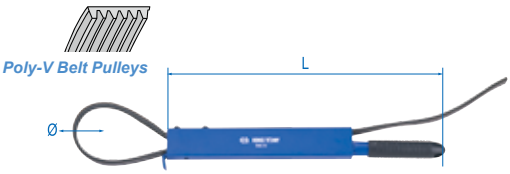
9AL

- To lock the pulley during removing or assembling any type of pulley retaining bolt

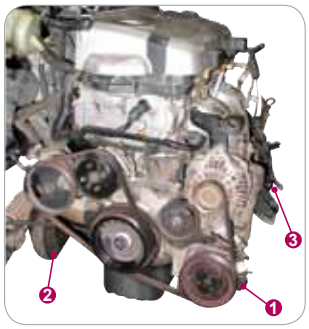
KT NO.	L (inch)	L (mm)	Ø (mm)	g	
9AL11	14-3/8	365	40-140	540	12 / 36
9AL12	14-3/8	365	40-140	540	12 / 36



9AL11



9AL12



1. 
• Compressors

2. 
• Water pump pulley

3. 
• Alternator pump pulley

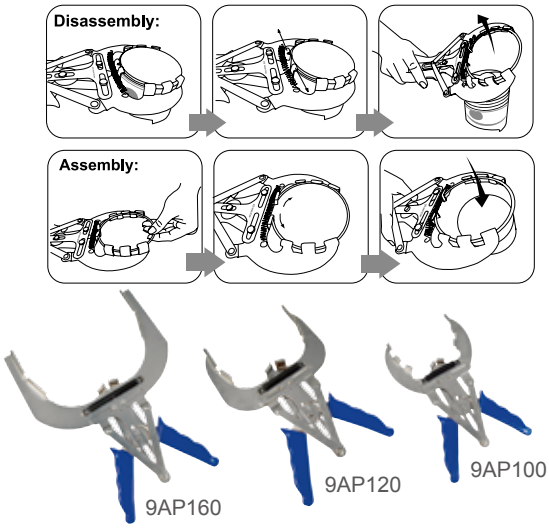
4. 
• Oil filter removing & assembling

Piston Ring Pliers

9AP

- Special steel
- Nickle - plated
- For removing and mounting piston rings

KT NO.	L (inch)	L (mm)	Capacity (mm)	g	
9AP100	8-11/32	212	50~100	323	12 / 48
9AP120	8-15/16	227	80~120	354	12 / 48
9AP160	9-61/64	253	110~160	458	12 / 48



21 PC. Oil Drain Plug Key Set

9AR11

- Suitable for sump plugs on engine, gearbox and back axle
- Contents:
  Hex key socket: 8, 9, 10, 12, 13, 14, 17 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

KT NO.	kg	
9AR11	1.7	1 / 10



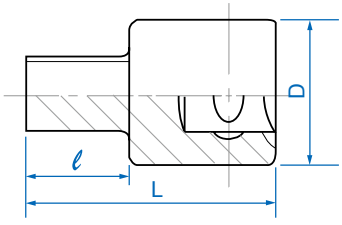
Square Socket

4014 M

- 1/2" drive square socket
- 4 ball retaining grooves
- Use for oil plug
- Suitable for
  401408M: Peugeot, Nissan, Renault
  401410M: Ford, Peugeot, Mazda

KT NO.	Size (mm)	D (mm)	ℓ (mm)	L (mm)	g	
401408M	8.0	23.5	13.5	35	60	10 / 200
401409M	9.5	23.5	13.5	35	68	10 / 200
401410M	10.0	23.5	13.5	35	72	10 / 200
401411M	10.5	23.5	13.5	35	78	10 / 200
401412M	12.0	23.5	13.5	35	90	10 / 200
401413M	12.7	23.5	13.5	35	97	10 / 200
401414M	13.5	23.5	13.5	35	106	10 / 200
401419M	19.0	25.0	15.5	40	130	10 / 160





Double size "L" handle

1586

- Material : Chrome vanadium alloy steel
- For oil plug

KT NO.	Total Length (inch)	Total Length (mm)	Size (inch)	Size (mm)	g	
1586-09	9	230	5/16 x 3/8	8 x 10	320	6 / 60



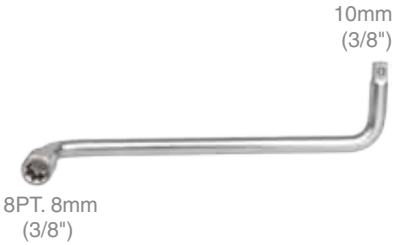


1596 new

- Material : Chrome vanadium alloy steel
- For oil plug

KT NO.	Total Length (inch)	Total Length (mm)	Size (inch)	Size (mm)	g	
1596-09	9	230	3/8 x 3/8	10 x 10	290	10 / 60





1/2" Ribe Socket M12S

9AW4901 new

- 1/2"drive
- 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	10 / 200



1/2" Ribe Socket M10S

9AW4911 new

- 1/2"drive
- 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	46	10 / 200



10 Point Socket 20MM

9BW4801 new

- 1/2"drive
- 10 points
- Use for replacing and removing retaining screw on rear trailing arm on HONDA CR-V



KT NO.	SIZE (mm)	D1 (mm)	ℓ (mm)	L (mm)	g	
9BW4801	20	25	15	38	88	10 / 160



Bit Socket

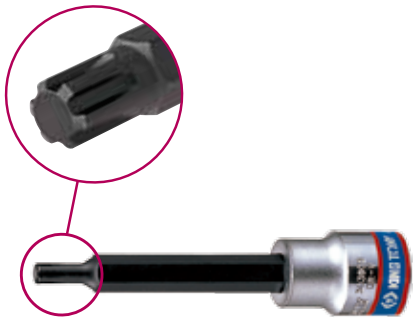
- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated

CAUTION

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

3039

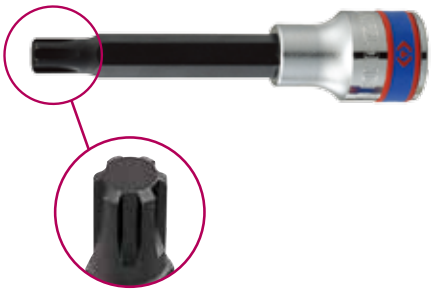
- 1/2" drive ribe bit socket
- Use for cylinder head bolts
  M9 : VW Passat, Audi, Seat
  M10 : Alfa Romeo, Fiat, Lancia
  M12 : Fiat, Ford
  M13 : Alfa Romeo, Fiat, Lancia
  M14 : Fiat



KT NO.	Size	Overall Length (mm)	g	
303908	M8	90	88	8 / 160
303909	M9	90	89	8 / 160
303910	M10	90	90	8 / 160

4049

- 1/2" drive ribe bit socket
- 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

4116PR

- 6 PC. 1/2" drive ribe bit socket set
- Socket rail 180mmL
  - Rail with 6 PC. 1/2" drive clip



KT NO.	Contents			kg 0.38	20
4116PR		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

- 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.	mm	Overall Length (mm)	g	
402B16	M16	66	150	10 / 120



404108

4066

- 1/2" drive ribe bit socket
- Use for cylinder head bolts
  M10 : Ford, VW, Vauxhall/
  Opel
- M12 : VW, Ford,
  Mercedes-Benz

KT NO.	mm	Overall Length (mm)	g	
404108	M8.9	100	129.4	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



404108



4066

Spark Plug Socket

3630 3635 3660 3665

- 3/8" drive spark plug socket
- 6 / 12 points
- Size combined
  - 16.0mm (5/8")
  - 20.8mm (13/16")
- Inside sleeve
  - rubber
  - magnet
- DIN 3120



Magnet

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



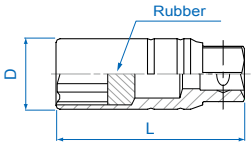
366516

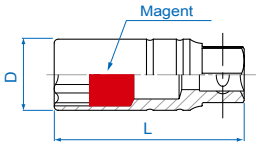


363521



366521

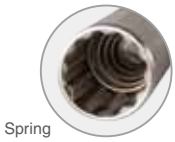




Spark Plug Socket

36A0 36A5

- 3/8" drive spark plug socket
- 6 / 12 points
- Size combined - 14.0mm, 18.0mm
- Inside sleeve - spring
- DIN 3120



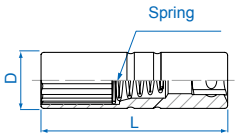
KT NO.	Type	Size (mm)	D (mm)	L (mm)	g	
36A014	12 points	14.0	18.9	63	65.4	12 / 192
36A018	12 points	18.0	23.8	63	98.0	8 / 128
36A514	6 points	14.0	18.9	63	69.4	12 / 192
36A518	6 points	18.0	23.8	63	98.2	8 / 128

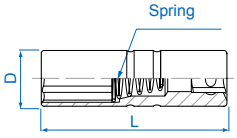












36B0 36C0 36D0

- 3/8" drive spark plug socket
- 12 points
- Inside sleeve - rubber
- DIN 3120
- 36C014 & 36D014 are suitable for BMW, Mini, RENAULT Clio / Twingo / Kangoo type, PEUGEOT 206 1.4 16V, CITROEN C5 HPI.



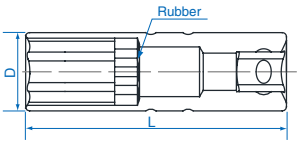
KT NO.	Type	Size (mm)	D (mm)	L (mm)	g	
36B014	12 points	14.0	19.9	63	80.3	12 / 192
36B018	12 points	18.0	24.7	65	106.5	8 / 128
36C014	12 points	14.0	19.7	90	112.8	12 / 144
36D014	12 points	14.0	18.5	250	291.4	4 / 64











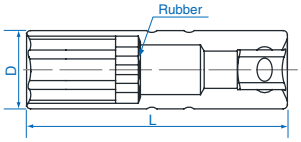
36B5 new

- 3/8" drive spark plug socket
- 6 points
- Inside sleeve - rubber
- DIN 3120



KT NO.	Type	Size (mm)	D (mm)	L (mm)	g	
36B514	6 points	14.0	18.9	63	80.3	12 / 192





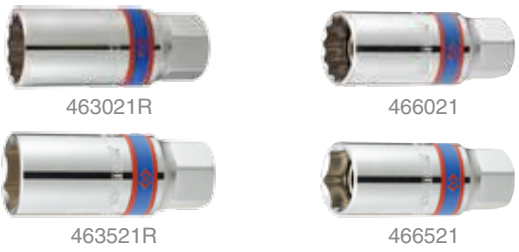
Spark Plug Socket

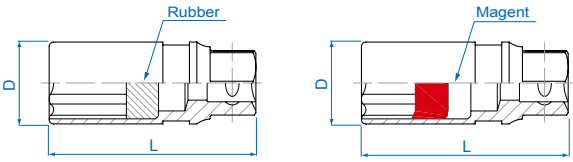
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

4630 **4635**
4660 **4665**

- 1/2" drive spark plug socket
- 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





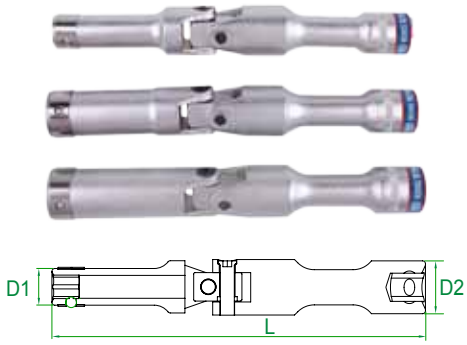


KT NO.	Type	Size (inch)	Size (mm)	D (mm)	L (mm)	g	
463014RC	12 points Rubber	-	14	19.05	70	70	12 / 240
463016R	12 points Rubber	5/8	16.0	20.75	70	110	10 / 200
466016	12 points Magnet	5/8	16.0	20.75	70	115	10 / 200
463514RC	6 points Rubber	-	14	19.05	70	70	12 / 240
463516R	6 points Rubber	5/8	16.0	20.75	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

Glow Plug Socket

3785 M new

- 3/8" drive 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.	Size	D1 (mm)	D2 (mm)	g	L (mm)	
378508M	8	13.5	17.8	120	120	10 / 100
378509M	9	13.5	17.8	127	120	10 / 100
378510M	10	13.5	17.8	128	120	10 / 100
378512M	12	17.8	17.8	136	120	10 / 100
378514M	14	17.8	17.8	142	120	10 / 100
378516M	16	19.8	17.8	157	120	10 / 100

Glow Plug Socket Set

3716 MR new



KT NO.	PC./SET	Contents	kg 1.23	1 / 10
3716MR	6	8, 9, 10, 12, 14, 16		

Thin Wall Deep Socket

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

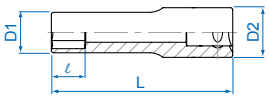
3215 M

- 3/8" drive
- 6 points
- Metric size
- Thin walled design on square driving side
- Specifically for heat plug, glow plug

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





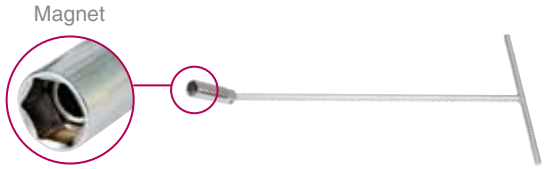


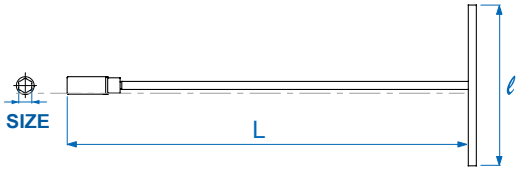
T-type Spark Plug Socket

1566

- Chrome vanadium alloy steel
- T-type universal spark plug socket with magnet

KT NO.	Size (mm)	ℓ (mm)	L (mm)	g	
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



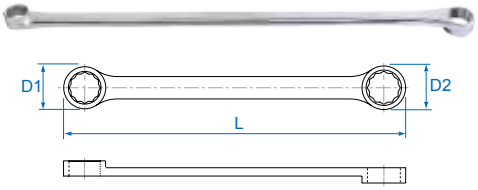


0° Offset Ring Wrench & Set

19B0

- Ideal for crowded or tight spaces
- Ultra-compact ring head
- Chrome vanadium steel
- Chrome plated
- Metric size - 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







10 PC. Bearing Race and Seal Driver Set

9BA11

- Quickly and easily to insert bearing race
- Collars fit most standard wheel bearing size
- 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







KT NO.	g	
9BA11	1800	1 / 10

12 PC. Two Sets Bearing Separator Assembly

9BA21

- 2 Sets Bearing Separator & Bolts
- Capacity 30mm ~ 50mm
- Bolt 3/8" x L 120mm x 24UNF (415Hardenen 42 ~ 45)
- Capacity 50mm ~ 75mm
- Bolt 1/2" x L 135mm x 20UNF (415Hardenen 42 ~ 45)
- 4PC. Main Rod
- Hex Bar 17mm 3/8" x L 127mm x 2
- Hex Bar 14mm 3/8" x L 102mm x 2
- 4PC. Extension Rod
- Hex Bar 17mm 3/8" x L 127mm x 2
- Hex Bar 14mm 3/8" x L 102mm x 2
- 1PC. Beam (Carbon Steel)
- 1PC. Central Bolt - Hex 18mm x 9/16" x L 175mm x 10UNC









KT NO.	g	
9BA21	5400	1 / 2

8 PC. Pressure Screw Bearing Separator Puller Set

9BA22

- Set Bearing Separator & Bolts
- Capacity 75mm ~ 105mm
- Bolt 5/8" x 18UNF x L 165mm (415Hardenen 42 ~ 45)
- 2PC. Main Rod - Hex Bar 19mm x M12 & 1/2" x L 255mm
- 2PC. Extension Rod - Hex Bar 19mm x M12 x L 255mm
- 1PC. Beam (Carbon Steel)
- 1PC. Central Bolt - Hex 21mm x M18 x L292 mm
- 1PC. Nut (Carbon Steel)









KT NO.	g	
9BA22	8950	1 / 2



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

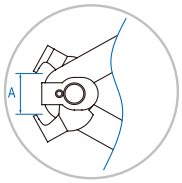
Ear Hose Clamp Pliers

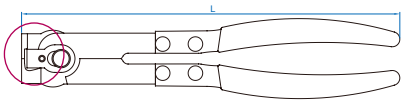
9BB11

- 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







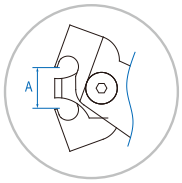
CV Boot Clamp Pliers

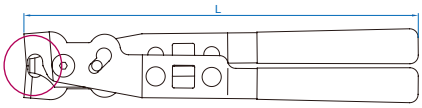
9BB12

- 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

KT NO.	L (inch)	L (mm)	g	
9BB31	6-1/2	164	346.8	6 / 72



Lock

Cut


Exhaust Pipe Hanger Strectcher

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 removing 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	35	5	198	12 / 48





Drum Brake Spring Pliers

9BC121

- Designed to remove and replace bra ke retaining spring on drum brakes

KT NO.	L (inch)	L (mm)	g	
9BC121	8-1/2	215	230	12 / 72



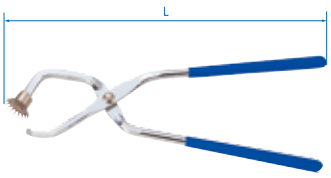


9BC122

- Designed to remove and replace bra ke retaining spring on drum brakes

KT NO.	L (inch)	L (mm)	g	
9BC122	12-1/2	320	426	12 / 36



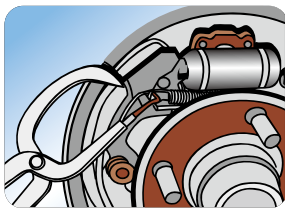


HGV Drum Brake Spring Pliers

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)	g	
9BC124	20-5/8	525	1246	3 / 6





Disc Brake Piston Separator

9BC21

- Heavy duty drop forged construction
- Fit in brake caliper to push back pistons for new brake pads installation





KT NO.	Max Capacity (inch)	Max Capacity (mm)	g	
9BC21	2-7/8	75	1125	1 / 20

11 PC. Universal Disc Brake Wind-Back Tool Kit

9BC22

- Magnetic socket adapter
- Including 9 adapters for brake assemblage
- For rotating pistons back into caliper to provide clearance for new pads
- Prevents damage to the piston and boot
- Suitable for V.W.-audi, Ford, Nissan, Alfa romeo, Rover, Saab, Subaru, Toyota, Jaguar, and most of the general motors





KT NO.	g	
9BC22	3000	1 / 6

31 PC. Universal Disc Brake Wind-Back Tool Kit

9BC23

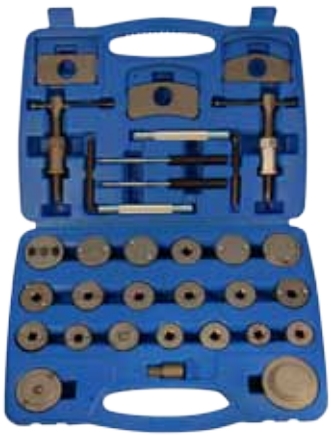
- For rotating pistons back into caliper to provide clearance for new pads
- Prevents damage to the piston and boot
- Suitable for Bmw, Ford, Vw, Audi, Porsche, Saab, Opel, Volvo, Jaguar, Citroen, Peugeot, Renault, Lauxhall, Lancia, Alfa romeo, Fiat, Nissan, Honda, Subaru, Toyota, Mitsubishi
- Contents:
  21pcs adapters for brake assemblage
  3pcs backing pads
  2pcs rotating caliper with 3/8"DR (right/left side threaded)
  2pcs hex key: 7, 8mm
  2pcs pin punch : Ø 5.5, 6mm
  1pc 3/8"DR x 12mm hex key socket











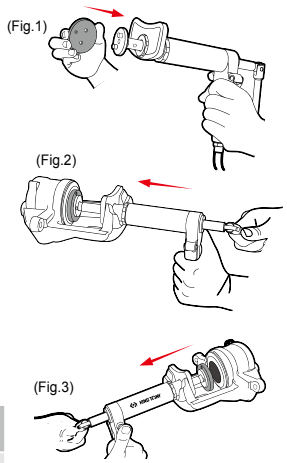
KT NO.	kg	
9BC23	4.76	1 / 4

18PC. Pneumatic Disc Brake Wind-back Tool Kit

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

KT NO.	kg	
9BC25	3.2	1 / 5





Ball Joint Extractor

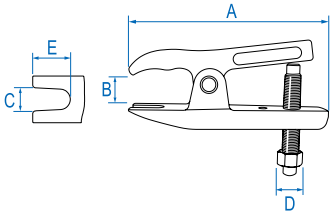
9BE11

- Drop forged steel body
- Max Jaw open:50mm

KT NO.	A (mm)	B(mm) Min	B(mm) Max	C (mm)	D (mm)	E (mm)	g	
9BE11	160	12	50	19	19	25	1083	1 / 12







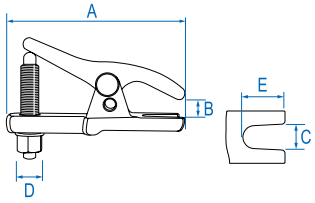
9BE21

- 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) Min	B(mm) Max	C (mm)	D (mm)	E (mm)	g	
9BE21	160	12	50	20	22	32	1270	1 / 12







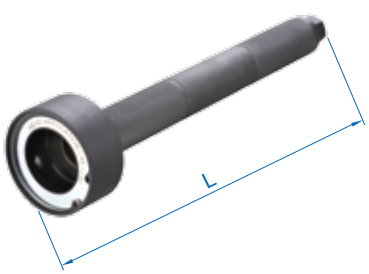
Track Rod End Remover & Installer

9BE52

- Remove and replace the axial joint.
- Hex part on the end of tool: work with 27 mm wrench or 1/2"DR. wrench.

KT NO.	L (inch)	L (mm)	Ø Capacity (mm)	g	
9BE52	15-3/4	400	28~35	2140	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 for makes grip tight
- Use with ratchets and extensions by 1/2" sq drive
- Suitable for most vehicles & trucks

KT NO.	L (inch)	L (mm)	Ø (mm)	g	
9BE62	3-1/4	81.50	33-42	370.2	20
9BE63	3-7/16	87.56	42-50	403.6	20







Drop Forged Coil Spring Compressor

9BF11 9BF21

- Drop forged SCM435 jaws & leaded screws
- Both 21m/m 6-point sockets and 1/2" wrench are available
- Suitable design for use in limited space under wheel arch

KT NO.	L (mm)	⬢ (mm)	g	
9BF11	85 / 370	19	3510	1 / 6
9BF21	85 / 270	19	3360	1 / 6







9BF11



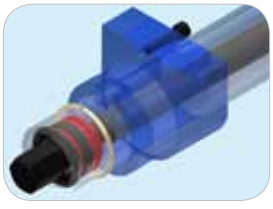
9BF21

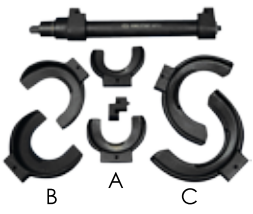
8 PC. Coil Spring Compressor Set

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

KT NO.	L (mm)	Capacity (mm)	kg	
9BF31	460	40~300	15	1 / 3









18 PC. Steering Wheel Puller Set

9BG11

Easy to remove and install steering wheel for cars and trucks.
2sets 17mm hex head puller with pointed and flat cups.
4sets 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" long 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





KT NO.	g	
9BG11	4100	1 / 4

15 PC. Multi-steering Knuckle Spreader Tool Set

9BJ11

- This kit 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







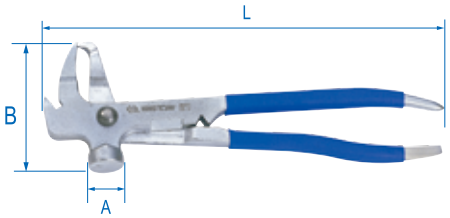


KT NO.	kg	
9BJ11	1.05	1 / 12

Wheel Balancing Weight Tool

9BK11

- Ideal for wheel balance weights fitting and removing



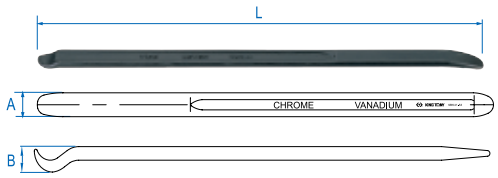
KT NO.	L (inch)	L (mm)	A (mm)	B (mm)	g	
9BK11	10	250	22	86	420	10 / 50



Tire Lever

9BK41

- Professional quality
- Straight pattern with profiled shank





KT NO.	L (inch)	L (mm)	A (mm)	B (mm)	g	
new 9BK41-20	8	200	21.6	11	104.4	10 / 120
new 9BK41-28	11	280	22.7	13.5	239.4	10 / 50
new 9BK41-38	15	380	24.5	13.5	358	10 / 50
9BK41-53	21	530	28	12	928	10 / 20

Digital Tire Gauge

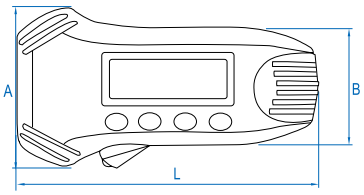
9BM120

- 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	6 / 36

Wheel Nut Impact Socket Set

4405 MX

- 3PC. 1/2" drive. thin wall impact socket set with plastic sleeve
- 6 points
- Durable outer sleeve and polished wheels and lug nuts

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



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

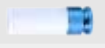
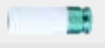
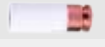
KT NO.	Contents			kg 0.83	1 / 16
4405MX	○		494517MX	17 mm	
	○		494519MX	19 mm	
	○		494521MX	21 mm	

Wheel Nut Impact Socket Set

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

4406 MX

- 3PC. plastic sleeve thin wall impact socket
- 3PC. torque extension bar

KT NO.	Contents			2.13 kg	1 / 10
4406MX	○		494517MX	17 mm	
	○		494519MX	19 mm	
	○		494521MX	21 mm	
			4269-08-90	90 Nm	
			4269-08-B0	110 Nm	
			4269-08-D5	135 Nm	



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

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

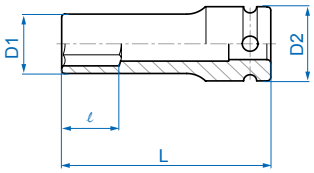
○ 4415 M

- 1/2" drive super thin wall version
- 6 points
- Metric size
- DIN 3121

KT NO.	○ mm	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
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



Thin walled design (D1)



Oil Suction Gun

9BT250

- Designed for all purpose quickly draining and filling device 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)	g	
9BT250	13.4	340	500	(16)	770	1 / 20

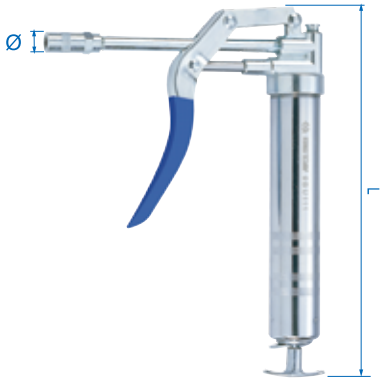


Lubrication-Grease Gun(Grip Type)

9BU11

- Ideal for machine, automobile, farm and garden equipments other vehicles etc.





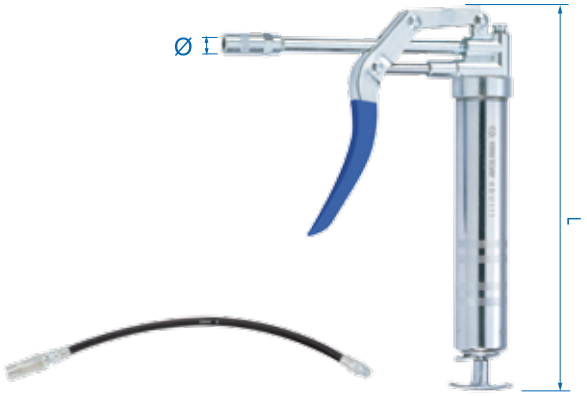
KT NO.	L (inch)	L (mm)	Screw Thread	Working Pressure (psi)	Working Pressure (bar)	Burst Pressure		Capacity (c.c.)	Capacity (oz)	g	
9BU111	10-5/8	267	1/8" x 28 PT	2900	(200)	4000	(275)	120	(3)	605	1 / 30
9BU112	10-5/8	267	10 x 1.0 Mertric	2900	(200)	4000	(275)	120	(3)	605	1 / 30

9BU111 for general market except North America,Germany, South Africa, Egypt
9BU112 for Germany, South Africa, Egypt, etc.

9BU11T

- Ideal for machine, automobile, farm and garden equipments other vehicles etc.





KT NO.	L (inch)	L (mm)	Screw Thread	Working Pressure (psi)	Working Pressure (bar)	Burst Pressure		Capacity (c.c.)	Capacity (oz)	g	
9BU111T	10-5/8	267	1/8" x 28 PT	2900	(200)	4000	(275)	120	(3)	677	1 / 30
9BU112T	10-5/8	267	10 x 1.0 Mertric	2900	(200)	4000	(275)	120	(3)	677	1 / 30

9BU111T for general market except North America,Germany, South Africa, Egypt
9BU112T for Germany, South Africa, Egypt, etc.

9BU14

new

- Ideal for machine, automobile, farm and garden equipments other vehicles etc.



KT NO.	L (inch)	L (mm)	Screw Thread	Working Pressure (psi)	Working Pressure (bar)	Burst Pressure		Capacity (c.c.)	Capacity (oz)	g	
9BU141	10-5/8	267	1/8" x 28PT	4500	310	10000	14	400	14	1285	1 / 12
9BU142	10-5/8	267	10 X 1.0 Metric	4500	310	10000	14	400	14	1285	1 / 12

9BU141 for general market except North America, Germany, South Africa, Egypt
9BU142 for Germany, South Africa, Egypt, etc.

Lubrication-Grease Gun(Grip Type)

9BU14T

new

- Ideal for machine, automobile, farm and garden equipments other vehicles etc.



KT NO.	L (inch)	L (mm)	Screw Thread	Working Pressure (psi)	Working Pressure (bar)	Burst Pressure		Capacity (c.c.)	Capacity (oz)	g	
9BU141T	10-5/8	267	1/8" x 28PT	4500	310	10000	14	400	14	1357	1 / 12
9BU142T	10-5/8	267	10 X 1.0 Metric	4500	310	10000	14	400	14	1357	1 / 12

9BU141T for general market except North America, Germany, South Africa, Egypt
9BU142T for Germany, South Africa, Egypt, etc.

9BU2

- Ideal for machine, automobile, farm and garden equipments other vehicles etc.





KT NO.	L (inch)	L (mm)	Screw Thread	Working Pressure (psi)	Working Pressure (bar)	Burst Pressure		Capacity (c.c.)	Capacity (oz)	g	
9BU241	14.5	360	1/8" x 28 PT	4500	(310)	10000	(700)	400	(14)	1180	1 / 16
9BU242	14.5	360	10 x 1.0 Metric	4500	(310)	10000	(700)	400	(14)	1180	1 / 16
9BU251	14	355	1/8" x 28 PT	4500	(310)	10000	(700)	500	(16)	1518	1 / 16
9BU252	14	355	10 x 1.0 Metric	4500	(310)	10000	(700)	500	(16)	1518	1 / 16

9BU241 for general market except North America, Germany, South Africa, Egypt
9BU251 for general market except North America, Germany, South Africa, Egypt
9BU242 for Germany, South Africa, Egypt, etc.
9BU252 for Germany, South Africa, Egypt, etc.

Lubrication-Grease Gun with 12" Tube(Lever Type)

9BU2T

- Ideal for machine, automobile, farm and garden equipments other vehicles etc.





KT NO.	L (inch)	L (mm)	Screw Thread	Working Pressure (psi)	Working Pressure (bar)	Burst Pressure		Capacity (c.c.)	Capacity (oz)	g	
9BU241T	14.5	360	1/8" x 28 PT	4500	(310)	10000	(700)	400	(14)	1240	1 / 16
9BU242T	14.5	360	10 x 1.0 Metric	4500	(310)	10000	(700)	400	(14)	1240	1 / 16
9BU251T	14	355	1/8" x 28 PT	4500	(310)	10000	(700)	500	(16)	1625	1 / 16
9BU252T	14	355	10 x 1.0 Metric	4500	(310)	10000	(700)	500	(16)	1625	1 / 16

9BU241T for general market except North America, Germany, South Africa, Egypt
9BU251T for general market except North America, Germany, South Africa, Egypt
9BU242T for Germany, South Africa, Egypt, etc.
9BU252T for Germany, South Africa, Egypt, etc.

Auto Body Repair Tool

9CF110

- 1PC. Standard Bumping Hammer

KT NO.	A (mm)	B (mm)	C (mm)	L (mm)	g	
9CF110	98.5	38	40.5	325	440	6 / 36



9CF120

- 1PC. Light Shrinking Hammer

KT NO.	A (mm)	B (mm)	C (mm)	L (mm)	g	
9CF120	98	40.6	39.6	325	467	6 / 36



9CF130

- 1PC. Straight Pick & Finishing Hammer

KT NO.	A (mm)	B (mm)	L (mm)	g	
9CF130	138	40	325	467	6 / 36



9CF131

- 1PC. Curved Pein & Finishing Hammer

KT NO.	A (mm)	B (mm)	L (mm)	g	
9CF131	140	40	325	467	6 / 36



9CF132

- 1PC. Stright Pein & Finishing Hammer



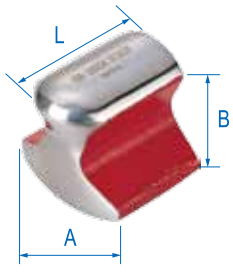
KT NO.	A (mm)	B (mm)	L (mm)	g	
9CF132	141	40	325	-	6 / 36



9CF210

- 1PC. Utility Dolly

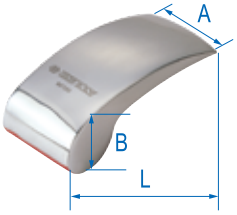
KT NO.	A (mm)	B (mm)	L (mm)	g	
9CF210	69	64	42.3	1375	6 / 12



9CF220

- 1PC. Curved Dolly

KT NO.	A (mm)	B (mm)	L (mm)	g	
9CF220	58.6	45	133	1625	6 / 12



Auto Body Repair Tool

9CF230

- 1PC. Heel Dolly

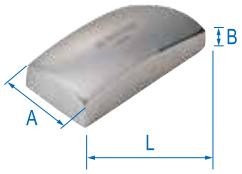
KT NO.	A (mm)	B (mm)	L (mm)	g	
9CF230	60	30	79.3	1125	6 / 12



9CF240

- 1PC. Toe Dolly

KT NO.	A (mm)	B (mm)	L (mm)	g	
9CF240	58.5	29.1	121	1400	6 / 12



9CF241

- 1PC. Thin Toe Dolly

KT NO.	A (mm)	B (mm)	L (mm)	g	
9CF241	55	24	118	963	6 / 12



7 PC. Auto Body Repair Tool Set

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

KT NO.	Contents	kg	
9CF-107	9CF130, 9CF240, 9CF110, 9CF120	7.5	1 / 4
9CF-207	9CF131, 9CF241, 9CF210, 9CF220	7.1	
9CF-307	9CF132, 9CF241, 9CF230	7.1	





9CF-107





9CF-207

9CF-307

1-1/4" Putty Knife

9CJ1112

KT NO.	A (inch)	A (mm)	L (inch)	L (mm)	g	
9CJ1112	1-1/4	32	8-1/2	218	60	24 / 144



2" Putty Knife

9CJ1120

KT NO.	A (inch)	A (mm)	L (inch)	L (mm)	g	
9CJ1120	2	50	8-1/2	218	70	24 / 144



3" Putty Knife

9CJ1130

KT NO.	A (inch)	A (mm)	L (inch)	L (mm)	g	
9CJ1130	3	76	8-1/2	218	82	24 / 144



3 PC. Stainless Steel Putty Knife Set

9CJ013

- 9CJ1112 1PC. 1-1/4" Putty Knife
- 9CJ1120 1PC. 2" Putty Knife
- 9CJ1130 1PC. 3" Putty Knife

KT NO.	kg	
9CJ013	0.2	10 / 40



1-1/4" Bolstered Scraper

9CJ2112

KT NO.	A (inch)	A (mm)	L (inch)	L (mm)	g	
9CJ2112	1-1/4	32	8-1/2	218	120	24 / 144



1-1/4" Bent Bolstered Scraper

9CJ2212

KT NO.	A (inch)	A (mm)	L (inch)	L (mm)	g	
9CJ2212	1-1/4	32	8-1/2	218	120	24 / 144



2" Bolstered Scraper

9CJ2120

KT NO.	A (inch)	A (mm)	L (inch)	L (mm)	g	
9CJ2120	2	50	8-1/2	218	140	24 / 144



3 PC. Stainless Steel Bolstered Scraper Set

9CJ023

- 9CJ2112 1PC. 1-1/4" Bolstered Scraper
- 9CJ2212 1PC. 1-1/4" Bent Bolstered Scraper
- 9CJ2120 1PC. 2" Bolstered Scraper

KT NO.	kg	
9CJ023	0.4	10 / 40



1/2" Pinchweld Scraper

9CJ3104

KT NO.	A (inch)	A (mm)	L (inch)	L (mm)	g	
9CJ3104	1/2	12	6-1/2	168	75	6 / 72



5/8" Pinchweld Scraper

9CJ3105

KT NO.	A (inch)	A (mm)	L (inch)	L (mm)	g	
9CJ3105	5/8	15	8-1/2	218	108	24 / 144



3/4" Pinchweld Scraper

9CJ3106

KT NO.	A (inch)	A (mm)	L (inch)	L (mm)	g	
9CJ3106	3/4	19	6-1/2	168	75	24 / 144



3 PC. Stainless Steel Pinchweld Scraper Set

9CJ033

- 9CJ3104 1PC. 1/2" Pinchweld Scraper
- 9CJ3105 1PC. 5/8" Pinchweld Scraper
- 9CJ3106 1PC. 3/4" Pinchweld Scraper

KT NO.	kg	
9CJ033	0.3	10 / 40



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	24 / 144



22PC. Alternator Tool Set

9DA022

new



- 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:

3PC. Combined bit socket –
3/8"DR x M10 x 90mmL / 1/2"DR x T50 x 113mmL / 1/2"DR x M10 x 113mmL
1PC. spline bit socket 1/2"DR x M10 x 110mmL
3PC. 33 teeth socket –15mm HEX x19mm / 15mm HEX x17.5mm / 22mm HEX
2PC. Hex nut –22mm x 30mmL (Ø12.0mm) / 17mm x 35mmL (Ø14.7mm)
1PC. - 35mm Round x 17mm hex (four pin)
1PC. - 38mm Hex adaptor (three pin)
1PC. - 28.6mm Round x H28 x H22 x 32mmL
2PC. - Hexagon head nut –28H x H19 x 35mmL / 28H x H21 x 36mmL
1PC. - M10 x H12 bit 64mmL
6PC. - 10mm shank head bits 75mmL –T40 / T50 / M8 / M10 / H8 / H10
1PC. - 1/2"DR Bit holder





KT NO.	g	
9DA022	2570	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 a sure grip



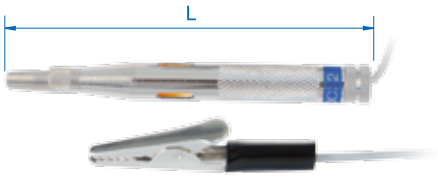


KT NO.	L (mm)	Ø (mm)	L1 (mm)	g	
9DB201	260	14~18	20	266	12 / 48

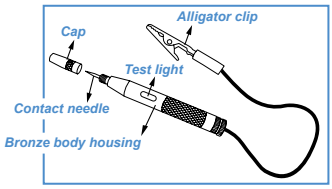
Circuit Tester

9DC22

- Bronze body housing
- Cover cap for contact needle
- Bulb of 24V/3W interchangeable
- Test voltage 6~24V
- For application of D.C. circuits only





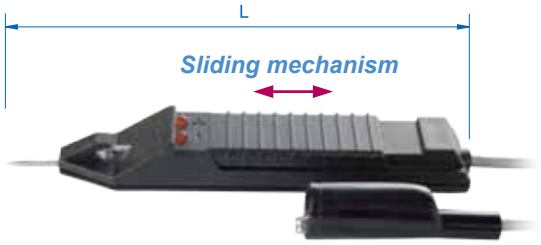


KT NO.	L (mm)	Test Range	g	
9DC22	107	6~24V	50	20 / 200

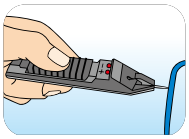
Automotive Voltage Tester

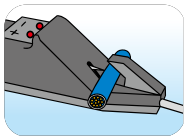
9DC23

- Insulated alligator clip with 110 cm cable
- 2 LEDs indicate positive(+)/negative(-) polarity
- Test voltage 3~48V
- For application of D.C. circuits only
- Two testing methods as illustration



KT NO.	L (mm)	Test Range	g	
9DC23	138	3~48V	52	12 / 144









Universal Terminal Release Tool Set

9DT11

new

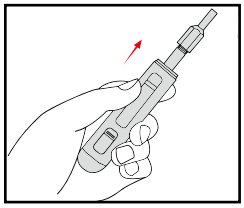
- Suit for most of the vehicles, VW Group, BMW, Opel, Renault, Ford, Daimlerchrysler, Fiat, Toyota and Saab
- Use to loose contacts easily or carry out other applications in the field of car electricity

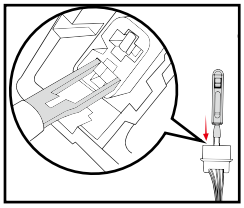




CONTENTS :

- A - ABS 4.0mm Round Terminal.
- B - 3.5mm Round Terminal.
- C - 1.5mm Round Terminal.
- D - Maxi Power Timer.
- E - PIT POD / FASTON 6.3mm.
- F - JPT / SPT.
- G - Micro Timer II.
- H - Secondary Tool.
- I - Standard 2.72mm.
- J - Standard 1.48mm.
- K - Standard 1.89mm.
- L - Micro Standard.





KT NO.	g	
9DT11	850	1 / 10

Extra Option For Packing With Eva

9DT11E

- Easy 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



KT NO.	g	
9DT11E	1023	1 / 10

Safety Goggle

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	20 / 200



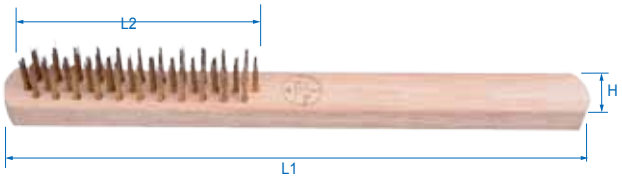
Steel Wire Brush

9CZ101

new

- 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

- 9TB225-Plastic pressure oil can
- 9TB500-Metal pressure oil can

KT NO.	Capacity (c.c)	g	
9TB225	225	103	60
9TB500	500	302	12





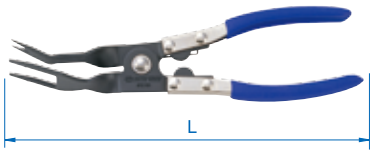
Clip Removal Pliers

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	12 / 72





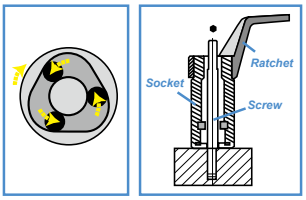
Roller Stud Extractor Socket

9TD401

- 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	150	10 / 180
9TD401-08M	8	24.5	21	60	150	10 / 180
9TD401-10M	10	27.5	21	69.5	190	12 / 120
9TD401-12M	12	27.5	21	69.5	190	12 / 120







4 PC. Roller Stud Extractor Socket Set

9TD014 MR

- Roller Stud Extractor Socket Set
- 4 stud drivers for sizes M6, M8, M10 and M12
- Supplied in a box

KT NO.	g	
9TD014MR	1100	1 / 20





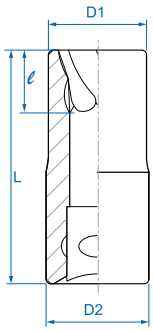
1/2" DR Damaged Nuts Remover Socket & Set

9TD403

- 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 nipples, and studs
- No more pounding, chisels or torches

KT NO.	D1 (mm)	D2 (mm)	ℓ (mm)	L (mm)	g	
9TD403-12M	18	22	11	50	77	10 / 180
9TD403-13M	20	22	11	50	84	10 / 180
9TD403-14M	21	22	11	50	85	10 / 180
9TD403-17M	24.5	25	15	50	117	10 / 180
9TD403-19M	27	27	15	50	135	8 / 80







Can't be used with pneumatic wrench



9TD035 MR

KT NO.	Contents	kg 0.52	4 / 36
9TD035MR	9TD403	12, 13, 14 ,17, 19	
	8740705		

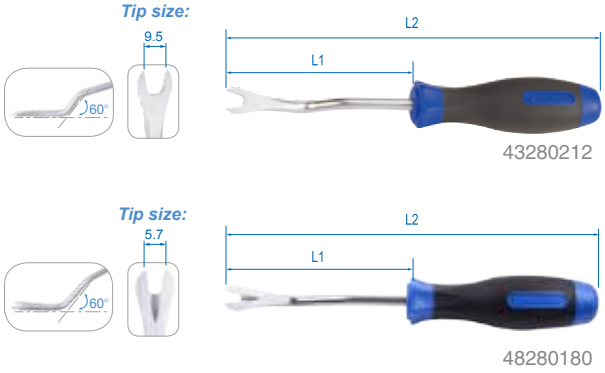


Door Upholstery Remover

43280212
48280180

- Special tool to remove the lining and clip of the car.





KT NO.	Size	Diax Length(mm)		g	
		L1	L2		
43280212	5"	8 x 120	240	140	12 / 144
48280180	4"	6.35 x 100	210	92.6	12 / 144

Pry Bar

9TK

- Chrome vanadium alloy steel
- PP+TPR handls
- 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

4 PC. Pry Bar Set

9TK014

- 9TK108 pry bar
- 9TK112 pry bar
- 9TK118 pry bar
- 9TK124 pry bar



KT NO.	kg	
9TK014	3.2	1 / 5

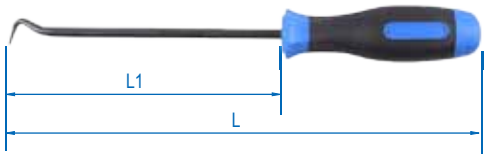
Hose & Pick

- Grip material - PP+TPR
- Chrome vanadium alloy steel

43250115Y

▪ 10" Bent-pick

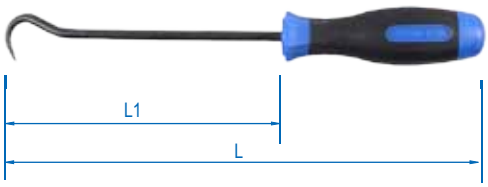
KT NO.	L (mm)	L1 (mm)	g	
43250115Y	260	150	93.8	12 / 44



43260115Y

▪ 10" Hook-pick

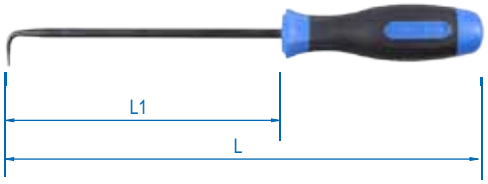
KT NO.	L (mm)	L1 (mm)	g	
43260115Y	260	150	95	12 / 44



43270115Y

▪ 10" 90L-pick

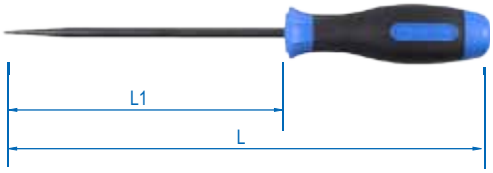
KT NO.	L (mm)	L1 (mm)	g	
43270115Y	260	150	94.4	12 / 44



43290115Y

▪ 10" Straight-pick

KT NO.	L (mm)	L1 (mm)	g	
43290115Y	260	150	90	12 / 44



4 PC. Hook & Pick Set

9-30904AY

▪ Use for scribing, alignment, installing and removing O rings, seals, cotter pins and washers.

KT NO.	Contents	g 425.4	1 / 8
9-30904AY	43250115Y		
	43260115Y		
	43270115Y		
	43290115Y		





Magnetic Flexible Handle

2121

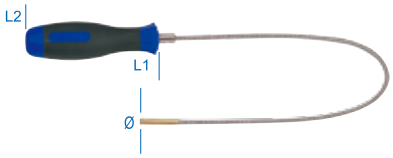
- Grip Material-PP+TPR
- Enhanced flexible conduit for perfect shaping
- More powerful magnetizing force

KT NO.	Size	Diax Length(mm)		Magnetic Power(kg)	g	
		L1	L2			
2121-12	12"	Ø 5 x 305	415	0.5	100	1 / 100
2121-18	18"	Ø 5 x 455	565	0.5	120	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 magnetizing force
- Comfortable pushing strength

KT NO.	Size	Diax Length(mm)		Magnetic Power(kg)	g	
		L1	L2			
2124-18	18"	Ø 13.5 x 450	610	1.5	181	1 / 36





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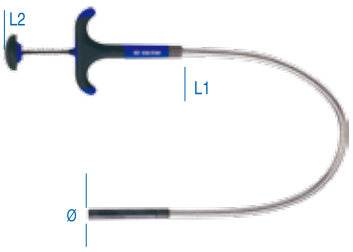

Claw Pickup Tool

2126

- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- Maximum claw width 1-1/4"
- Comfortable pushing strength

KT NO.	Size	Diax Length(mm)		Maximum Size	g	
		L1	L2			
2126-18	18"	Ø 11 x 450	610	1-1/4"	181	1 / 36





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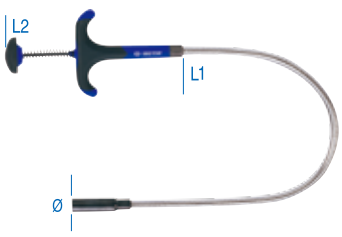
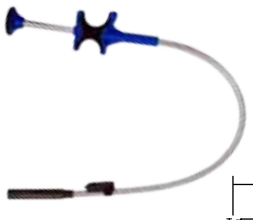


3 in 1 Pickup Tool

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 magnetizing force
- Hook type claw
- Clamp light
- Comfortable pushing strength
- Lithium cell:LR521x3

KT NO.	Size	Diax Length(mm)		Magnetic Power (kg)	Maximum	g	
		L1	L2				
2129-24	24"	13 x 470	570	1.0	1-1/4"	280	12 / 48





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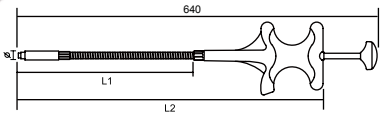








Flexible Hex Nut-Driver

1453

new

- 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.	inch	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





Accessory

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

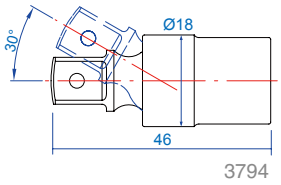
3794

4794

- 3/8" drive universal joint
- 30° rotation
- Short pattern design enables greater access in confined spaces

KT NO.	Total Length (inch)	Total Length (mm)	g	
3794	1-4/5	46	45	15 / 180
4794	2-3/8	60	106	5 / 180





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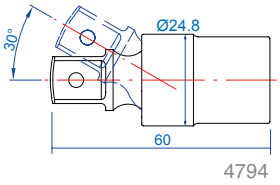


4794

15PC. 10-1/2" Heavy Duty Replaceable Tip Circlip Pliers Set

45115PP

- Ideal for Internal-External circlip removing and replacment
- Ratcheting locking action handles

External Use



Internal Use





KT NO.	Contents		
45115PP		68GS-11	1PC. Internal Straight Circlip Pliers
		68RS-11	1PC.External Straight Circlip Pliers
		68GR-01	2PC. 15° Internal interchangeable
		68GQ-01	2PC. 45° Internal interchangeable
		68GB-01	2PC. 90° Internal interchangeable
		68RR-01	2PC. 15° External interchangeable
		68RQ-01	2PC. 45° External interchangeable
		68RB-01	2PC. 90° External interchangeable
		68ZZ-01	6PC. Screw(M5x0.8)

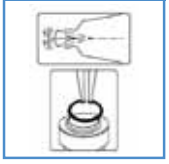
KT NO.	L (inch)	L (mm)	Spread (inch)	Spread (mm)	Ø (mm)	Ø (mm)	kg	
45115PP	10-1/2	267	2	50	-	-	1.30	1 / 10
68GS-11	10-1/2	267	2	50	85~100	3	0.31	12 / 24
68GR-11	10-1/2	267	2	50	85~100	3	0.31	12 / 24
68GQ-11	10-1/2	267	2	50	85~100	3	0.31	12 / 24
68GB-11	10-1/2	267	2	50	85~100	3	0.31	12 / 24
68RS-11	10-1/2	267	2	50	40~100	2.75	0.32	12 / 24
68RR-11	10-1/2	267	2	50	40~100	2.75	0.32	12 / 24
68RQ-11	10-1/2	267	2	50	40~100	2.75	0.32	12 / 24
68RB-11	10-1/2	267	2	50	40~100	2.75	0.32	12 / 24

11PC. 16"Internal-External Heavy Duty Circlip Pliers Set

45211PP

- Ideal for Internal-External circlip removing and replacment
- Ratcheting locking action handles

External Use



Internal Use





KT NO.	Contents		
45211PP		68GS-16	1PC. Internal Straight Circlip Pliers
		68RS-16	1PC. External Straight Circlip Pliers
		68GQ-02	2PC. 45° Internal interchangeable
		68GB-02	2PC. 90° Internal interchangeable
		68RQ-02	2PC. 45° External interchangeable
		68RB-02	2PC. 90° External interchangeable
		68ZZ-02	6PC. Screw(M6)

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
68GQ-16	16	406	3-1/4	85	82~175	3	0.93	1 / 12
68GB-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
68RQ-16	16	406	3-1/4	85	82~165	3	0.97	1 / 12
68RB-16	16	406	3-1/4	85	82~165	3	0.97	1 / 12

7PC. Auto Inspection Tool Kit

9TQ01

- 1PC Stainless steel telescopic bar
- 1PC 3.5 lbs. magnet pick-up with LED light
- 1PC Strong 8.0 lbs. magnet pick-up
- 1PC Flexible claw pick-up tool
- 1PC Round magnetic dish Dia. 100mm
- 1PC Round inspection mirror-Dia. 50mm
- 1PC Rectangular inspection mirror 89 x 50mm

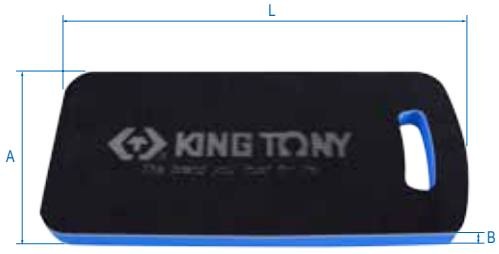


KT NO.	kg	
9TQ01	1.52	1 / 5

Kneeling Mat

9TG11

- Kneeling mat makes working more comfortable during repairing on 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	3.7	1 / 18



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)	g	
9TP11	1050 x 650	649	1 / 8

360° Cast Steel Bench Vise

9TZ11

- Cast steel body and slide ideal for heavy duty applications
- Ductile cast iron screw pitched acme thread ensures long life and positive action
- Serrated jaws design provide good grip
- 360 ° degree swivel base allow operator to approach any directions







KT NO.	Jaw Opening (inch)	Jaw Opening (mm)	Throat Depth	kg	
9TZ11-04	4	100	2-1/4"	7.5	1 / 1
9TZ11-05	5	125	2-5/8"	11	1 / 1
9TZ11-06	6	150	3"	14.5	1 / 1
9TZ11-08	8	200	3-1/2"	18	1 / 1
new 9TZ11-10	10	250	4"	25.6	1 / 1

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	1 / 30

T-type Wrenches Hanger

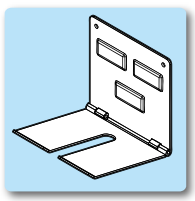
9TE21

new

- 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 5kgs can be loaded (The magnetic side should be totally attached)







Magnetic Holder for Impact Wrench

9TE31

new

- Moveable magnetic tool holder with muti-purpose
- Design for motor repair tools, helps keep your work area clean and organized
- 4pc. super magnets 1,500gauss with non-sliding rubber can holding to 7kgs
- Suitable air impact wrench, long sockets, impact sockets and torque wrench
- The angle of torque wrench holder can be adjusted



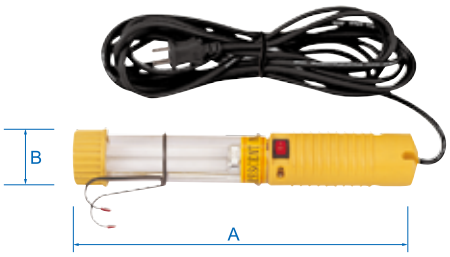


KT NO.	L (inch)	L (mm)	Capacity (kg)	Capacity (lbs)	g	
9TE31	14-3/16	360	7	15.4	1110	1 / 10

Fluorescent Lamp

9TA21A

- Wire Length : 33ft (10M)
- Euro.version : 220V / 9W / 12A



KT NO.	A (mm)	B (mm)	g	
9TA21A	310	55 x 45	1100	1 / 15

30+4 LED Rechargeable Working Light

9TA23

- 30+4 LED
- Brightness:150 lux in 1m
- Anti-impact ABS housing + TPR Coating
- Rechargeable 3.6V 2250mAh Li-Ion battery
- AC & DC Chargers included
- Swivel nylon hanging hook provides 360 Degrees of rotation for precise position
- With programmed ic chip on pcb for reliability
- Built-in overload/underload protection
- Battery power status indicator
- Up to 6 hours of continuous lighting
- Euro.version:100-240V 50/60Hz
- CE/ROHS compliant





60° Magnet swivel base


Unbreakable LENS with 30PC. LED


Top light with 4PC. LED


Battery status indicator

Contents:


1. 30+4 LED Rechargeable working lamp x 1PC.


2. AC charger x 1PC.


3. DC Car charger x 1PC.

KT NO.	Approved.		Suitable Country	
9TA23A		CE	European	1 / 20
		UL	America & Asia	1 / 20
9TA23D		AS/NZS	Austrailia & New Zealand	1 / 20

3+1 Powerful LED Working Light - Magnet Swivel Base

9TA24

- High power LED: 9W + 3W in switchable button
- Brightness: 4000 lux in 0.5m
- 60° magnet swivel base & 360° functional hook
- Shockproof housing & waterproof IP65 coating
- Rechargeable battery: 3.6V 2250mAH LI-ION
- Safety overload/underload protection
- Battery power status indicator
- AC 100-240V 50/60Hz EU charger
- DC 12-24V Car charger





60° Magnet swivel base


Unbreakable LENS with 3PCS powerful LED


Top light with 1PC. powerful LED


Battery status indicator

Contents:


1. 30+1 LED Rechargeable working lamp x 1PC.


2. AC charger x 1PC.


3. DC car charger x 1PC.

KT NO.	L (mm)	Approved.		Suitable Country	
9TA24A	650		CE	European	1 / 8
			UL	America & Asia	1 / 8
9TA24D	650		AS/NZS	Austrailia & New Zealand	1 / 8

Flexible Led Light (Rechargeable)

9TA25

- 5W High lightness LED lamp
- Brightness : 10000 lux at 50cm
- Aluminum alloy body
- Rechargeable battery : Lithium battery ICR Sanyo 18650A 2250 mA/3.7V
- AC chargers included (AC 100-240V, 50-60Hz, EU charger)
- Battery power status indicator
- 360 degrees of rotation
- Two step brightness: High/Low
- BUILT-IN MAGNET
- Waterproof grade: IP65
- Suitable country : European & America & asia

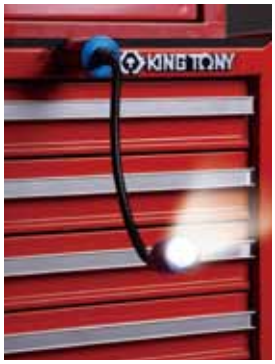


Adjustable focus





Magnetic base



KT NO.	L (inch)	L (mm)	Approved.		Suitable Country	g	
9TA25A	10-1/2	265		CE	European	300	1 / 20
	10-1/2	265		UL	America & Asia	300	1 / 20
9TA25D	10-1/2	265		AS/NZS	Austrailia & New Zealand	300	1 / 20

LED Torch

79813

- Aluminium body and tube
- Operates using two LR03 AA batteries, not included
- Supplied with wrist strap



KT NO.	L (mm)	g	
79813	153.5	57	10 / 200





Notes

Bicycle Repair Tool

20A16MR

- 16 PC. in one bicycle repair tool set

KT NO.	Contents	0.27	10 / 60
20A16MR	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 PC. in one bicycle repair tool set

KT NO.	Contents	0.28	10 / 60
20A17MR	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

KT NO.	PC./SET	Spec	Contents	0.09	10 / 200
20317MR	7	knife type	H1.5, H2, H2.5, H3, H4, H5, H6		



Aluminum Folding Tool Set

20306 PR

KT NO.	PC./SET	Spec	Contents	0.11	12 / 72
20306PR	6	knife type	H3, H4, H5, H6		
			PH2		
			5.0		



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.



Hex key set

ST20219MR

0.33 | 6 / 48



9 PC. SHORT HEX KEY SET-CHROME

- Standard arm hex-head key
- 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm

ST20120MR

0.33 | 10 / 60



10 PC. LONG BALL POINT HEX KEY SET-CHROME

- Long arm hex ball-head key
- 1.27,1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm

ST20208MR

0.43 | 8 / 48



8 PC. EXTRA LONG HEX KEY SET-CHROME

- Extra long arm hex-head key
- Double length with extra leverage
- 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm

ST20209MR

0.44 | 8 / 48



9 PC. EXTRA LONG HEX KEY SET-CHROME

- Extra long arm hex-head key
- Double length with extra leverage
- 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm

ST20109MR

0.33 | 6 / 48



9 PC. EXTRA LONG BALL POINT HEX KEY SET-CHROME

- Extra long arm hex ball-head key
- Double length with extra leverage
- 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm

ST20220MR

0.47 | 6 / 36



10 PC. EXTRA LONG BALL POINT HEX KEY SET-CHROME

- Extra long arm hex ball-head key
- Double length with extra leverage
- 1.27,1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm

ST20407PR

0.13 | 18 / 144



7 PC. SHORT TORX WITH TAMPER RESISTANT KEY SET-CHROME

- Standard arm TORX TR-head key
- T10, T15, T20, T25, T27, T30, T40

ST20419PR

0.45 | 8 / 48



9 PC. EXTRA LONG TORX WITH TAMPER RESISTANT KEY SET-CHROME

- Extra long arm TORX TR-head key
- Double length with extra leverage
- T10, T15, T20, T25, T27, T30, T40, T45, T50



Hex key set

ST20219MY

0.33 | 6 / 48



9 PC. SHORT HEX KEY SET-BLACK

- Standard arm hex-head key
- 1.5, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm

ST20208MY

0.43 | 8 / 48



8 PC. EXTRA LONG HEX KEY SET-BLACK

- Extra long arm hex-head key
- Double length with extra leverage
- 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0, 10 mm

ST20207MY

0.54 | 8 / 48



7 PC. EXTRA LONG HEX KEY SET-BLACK

- Extra long arm hex-head key
- Double length with extra leverage
- 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, 10 mm

Socket Set

ST4528MR ST4028MR

4.14 | 1 / 4



24 PC. 1/2"DR. SOCKET SET

- 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

Tool Trolley

ST87432-5B / ST87434-7B

52 / 60 CUFT 12.64



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



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 M	ISO 2009				1.6	2	2.5	3	3.5	4 5		
M		DIN 963			1.6	2	2.5	3 3.5	4	5		
Oval head M	ISO 2010				1.6	2	2.5	3	3.5	4 5		
M		DIN 964			1.6	2	2.5	3 3.5	4	5		
Cheese head M	ISO 1207								3.5	4	5	6
M		DIN 84			1.6 1.8	2	2.5		4	4	5	6
Pan head M	ISO 1580				1.6	2	2.5	3	3.5	4	5	6
M		DIN 85						3	3.5	4 5		6
M		DIN 920			2.5	3/3.5	4	5	6	8		10
M		DIN 921			1.6	2	2.5	3 3.5	4		5	6
Set M	ISO 4766 7435	DIN 551 417	2.5 3		3.5	4		5 6		8		
M	ISO 4735	DIN 427	2.5 3		3.5	4		5 6		8		14
Self tapping screws												
Flat head B	ISO 1482					2.2		2.9	3.5	4.2 4.8		
B		DIN 7972				2.2		2.9	3.5 3.9	4.2 4.8		
Oval head B	ISO 1483					2.2		2.9	3.5	4.2 4.8		
B		DIN 7973				2.2		2.9	3.5 3.9	4.2	4.8	6.3
Pan head B	ISO 1481					2.2		2.9	3.5		4.2 4.8	5.5 6.3
B		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 M	ISO 7046	DIN 965			1.6 2	2.5 3	3.5 5	6	8 10
Oval head M	ISO 7047	DIN 966			1.6 2	2.5 3	3.5 5	6	8 10
Pan head M	ISO 7045	DIN 7985			1.6 1.8	2.5 3	3.5 5	6	8 10
Self tapping screws									
Flat head B	ISO 7049	DIN 7981				2.2 2.9	3.5 4.8	5.5 6.3	
Oval head B	ISO 7050	DIN 7982				2.2 2.9	3.5 4.8	5.5 6.3	
Pan head B	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					
Interchangeable 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	



Torque Data

mm	mm	mm	Bolts and nuts classes (Metric threads, triangular shape, high pitch,0.15 coefficient)					
			4.8 Torque Nm	5.8 Torque Nm	6.8 Torque Nm	8.8 Torque Nm	10.9 Torque Nm	12.9 Torque Nm
M3	5.5	2.5	0.64	0.8	0.91	1.21	1.79	2.09
M4	7	3	1.48	1.83	2.09	2.78	4.09	4.79
M5	8	4	2.93	3.62	4.14	5.5	8.1	9.5
M6	10	5	5	6.2	7.1	9.5	14	16.4
M8	13	6	12.3	15.2	17.4	23	34	40
M10	16	8	24	30	34	46	67	79
M12	18	10	42	52	59	79	116	136
M14	21	12	67	83	95	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