KING TONY

Enjoy your work





2018 / 19 CATALOGUE

- Quality
- Innovation
- Health
- Enjoyment

Tools Category



Object-Oriented Organization & Tools Storage & Tools System Sets

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

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

Torque Control & Multipliers

Wrenches

Pliers

Pipe Tools

Screwdrivers & Hex Key & Bits

Electronic & Electrical

Hammers & Striking Tools

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

Pneumatic Tools

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

ST Series Tools

22
36
120
224
266
288
328
346
362
410
450
460
486
512
640



KING TONY

Enjoy your work

VISION

KING TONY engaged in supplying professional tools for more than 33 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.

KING TONY®

Enjoy your work

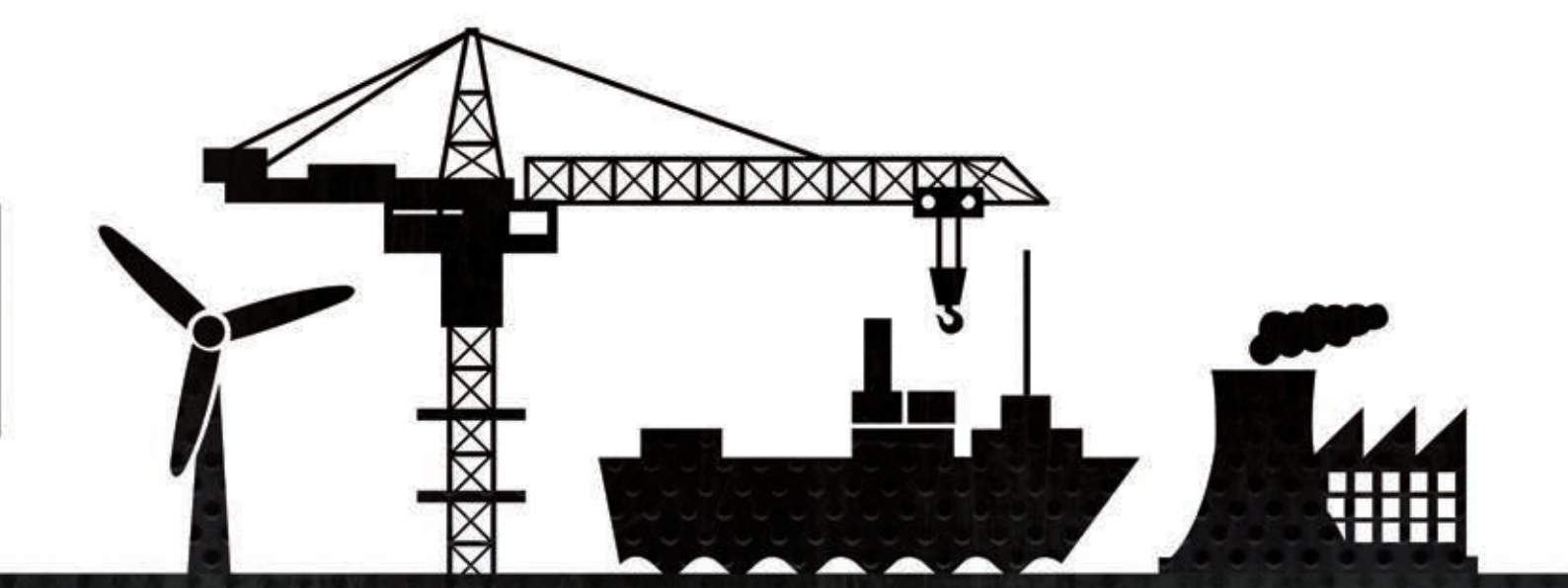
In 1976, amidst a lack of capital and technology in Taiwan, Mr. Charles Lai & Mr. Tony Lin founded a hot forge factory specializing in making hand tools for the DIY market. Eight years later, many other companies had followed their lead and although the market grew quickly, quality suffered. With pricing, 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.

Company Profile



BE INSPIRED & MILESTONES

1984 Hot Forge



1989 Tougher Design



1990 Color Code Stripe



1993 Super Standard



1996 Close Tolerance



1999 VDE Safety Grip



2007 Masters of Torque



2012 Dual Colors Stripe



2015 Trustworthy Brand



2017 World Distribution



Branches :

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

KING TONY Distribution





TAIWAN SUPERIOR BRANDS



NATIONAL BRAND YUSHAN AWARD



DESIGN AWARD 2016



TAIWAN EXCELLENCE



ISO 14001

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

Intellectual Property

New Registered Trademark

Please recognize KING TONY's official registered trademark.



Metric size



Imperial size



Trademark Worldwide Registration

Inspection Equipment



01 Spectrometer

Metal material elements analysis



02 Gauge measurement

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



08 Mounting press machine

In order to fix tiny and multilateral workpiece



07 Precise cutting machine

Cut for a smooth section



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



16 Micro-torque tester

Test products with smaller torque such as bits for their 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



17 Vision measuring machine

Measure parts for difficult angle or in the narrow space

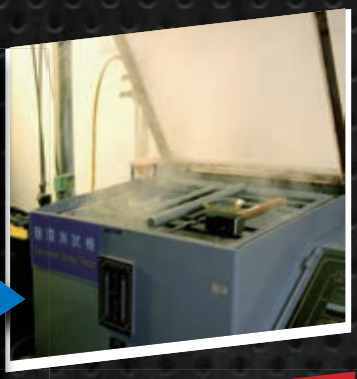
03 Rockwell hardness tester

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



04 Salt-water spray tester

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





06 Torque tester

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



05 Thickness test of plating

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



11 Environmental simulation test of temperature & humidity

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



12 Tension tester

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





14 Pliers class measure tester

Test the cutting force and durability



13 Hammering test machine

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



18 Carton busting strength tester

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



19 Insulated test machine

Ensure products are insulated under the voltage 1000V



Production Process

01



Hot forge

Heat to take shape and complete fibers to improve durability

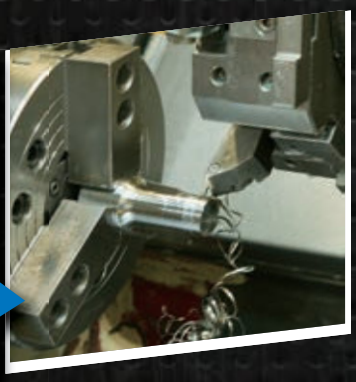


02



Lathing

Control sockets external diameter and the roundness



07



Marking

Stamp dimensions, material and manufacturer



08



Heat treatment

Enhance product performance to achieve max. hardness



09



Vibrating

Remove oxide layer and burrs for surface coating

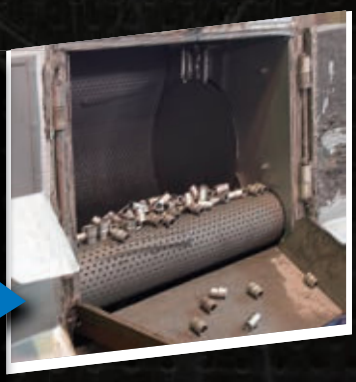


10



Sand blast

Remove oxide layer and burrs for surface coating

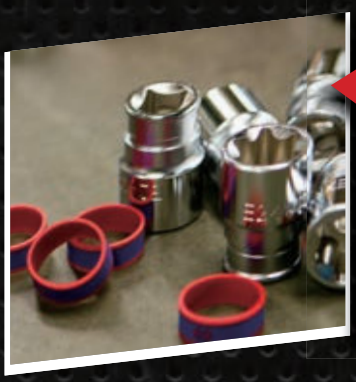


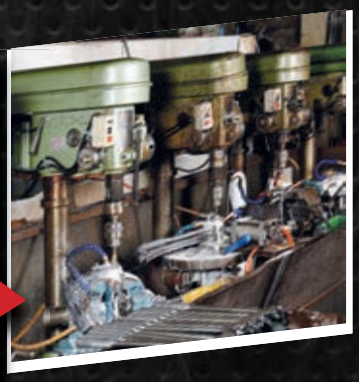
15



Rubber strip assembly

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





03

Drilling

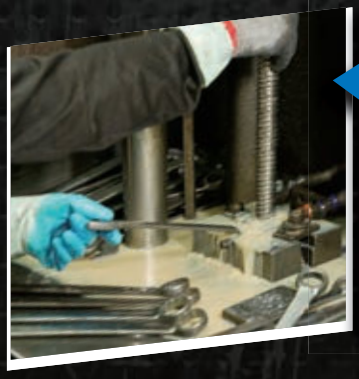
Drilling pin hole on the groove to offer socket safety operation

04

Machining (CNC)

Finish complicated process to ensure product the precision





06

Punching & Broaching

Make accurate dimension for the spanner



05

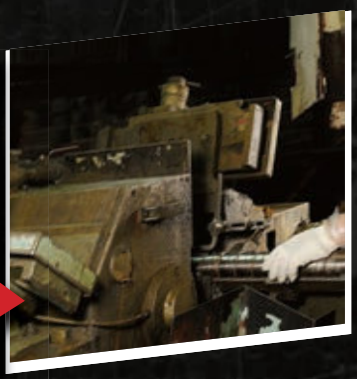
De-burring

Remove the burrs and chamfer on square hole

11

Grinding

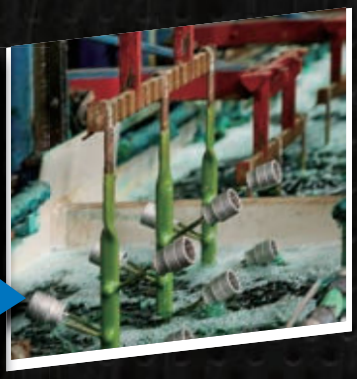
Remove oxide layer and ensure sockets roundness for follow process precision



12

Plating

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





14

Silk printing

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



13

Phosphate sunk

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

Exhibitions









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

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

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



















Sponsor & Partnership









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

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

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

Partnership











Branding to Target Users









ng to
et Users

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







Branding to Target Users












KING TONY
Enjoy your work
Tom GUYON
270
tm
RACING
MAC
SCOTT
Bihr
BAILLOU
MOTO
l'auto


KING TONY
Enjoy your work
KING TONY
Enjoy your work


KING TONY
Enjoy your work
• Quality • Innovation • Health • Enjoyment •


KING TONY
Enjoy your work
• Quality • Innovation • Health • Enjoyment •
AL SAEED EQUIPMENT TRADING EST.


KING TONY

Advertising materials



ZS104
Size: 11.5 x 9 cm
Leather Male Wallet



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



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



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



ZS402
Ball-Bearing Pen



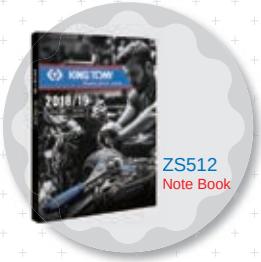
ZS403
Ballpoint Pen



ZS405
Ball-Bearing Pen



ZS408
Ruler 30 cm



ZS512
Note Book



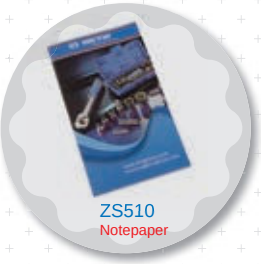
ZS409
Size: 310x220mm
A4 L Shape Clear File



ZS410
Size: 310x495x17mm
A4 Clear File



ZS411
Size: 530x367x2mm
Mat



ZS510
Notepaper



ZS306
Size: 18x18x0.3cm
Mouse Pad



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

Work Clothing



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

Work Clothing



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

Polo Shirt

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

Polo Shirt



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

Windbreaker Jacket



ZS142W

ZS142B

ZS142G

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

T-shirt



ZS108
Leather Belt (Male)



ZS520
Necktie



ZS521
Necktie Clip



ZS110
Work Hat



ZS116
Size: 68x8K
Golf Umbrella



ZS516
Corkscrew



ZS539
Opener



ZS511
Paper Cup



ZS119
Handbag



ZS120-S
Personal Cooler Bag



ZS529
Paper Clip Of
Dr.Q Toy Figure



ZS522
Key Ring



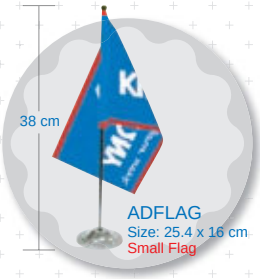
ZS524
Key Ring



ZS530
Key Ring



ZS533
Key Ring



ADFLAG
Size: 25.4 x 16 cm
Small Flag



ADFLAG1
Size: 930 x 1430 mm
Big Flag



ADFLAG2
Size: 210 x 60 cm
Outdoor Flag



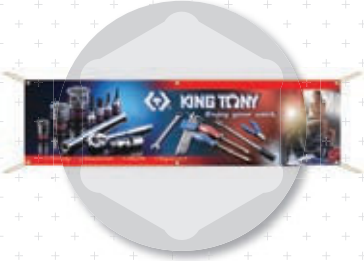
ADSTK21KT 99 x 45 cm
ADSTK22KT 50.6 x 22.6 cm
ADSTK23KT 26.4 x 4.2 cm
Sticker



ADSTK-C1
ø - 250 mm
Sticker



ADSTK-H1
ø - 250 mm
Sticker



ADCV-01
Size: 300 x 80 cm
Canvas Strip



ADCV-02
Size: 300 x 80 cm
Canvas Strip

Tool Display



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

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



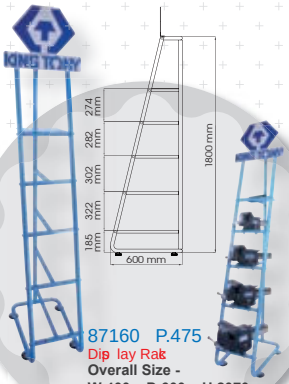
87203
Display Board
Wall hanging type 30 PC. hook included
Overall Size -W 725 x D 14 x H 900 mm
Weight - 11.50 Kg / Cuft - 0.328



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



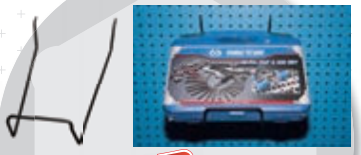
87153
Display Rack for Torque Wrench
Overall Size -
W 330 x D 255 x H 475 mm
Weight - 1.23 Kg / Cuft - 1.41



87160 P.475
Display Rack
Overall Size -
W 400 x D 600 x H 2070 mm
Weight - - 15.5Kg / Cuft - 1.6



91431 P.454
Hammer Hook
Overall Size -
W 40 x D 210 x H 240 mm
Weight - 411.6 g / Cuft - 0.072



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



9TE41 P.240
Hook for Torque Extensions Bar
Total Length - 311mm
Weight - 196.4 g
Groove capacity: 22 mm



Hangers
Individual pack
Housing material - PP
Lock pin is optional



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

Reference:
87105 (31416MR P.373)
(31516MR P.373)
87107 (31419MR P.417)
87110 (31512MR P.373)
87111 (31519MR P.373)



87104 P.374
Screwdriver Shelf
Overall Size -
W 325 x D 205 x H 270 mm
Weight - 1.20 Kg
Cuft - 0.3



87116 P.340
Display Stand for Grip Pliers
Capacity: 12 PC.
Size: 243 x 205 x 200 mm



87118 P.465
Display Stand for Measuring Tape
Capacity: 12 PC.
For all measuring tape (79093 / 79094 Series)
Size: 309 x 237 x 189mm



87119 P.402
Display Stand for L Type Hex Key Wrench Set
Capacity : 12 sets
For Allen, Spline, Ball, torx with hole
Size: 393 x 154 x 345 mm



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



87352 P.383
Bit Display Box
Overall Size -
W 318 x D 235 x H 183 mm
Weight - 1.30 Kg
Cuft - 0.4



8711B
Metal Holder
Overall Size -
W 600 x D 240 x H 60 m
Weight - 6.20 Kg
Cuft - 0.9
Reference:
1090PR1 P.456



87108 P.457
Metal Holder for Flat Chisel



9TE31 P.511
Magnetic Holder for Impact Wrench
Overall Size -
W 101 x D 101.5 x H 394 mm
Weight -1.30 Kg



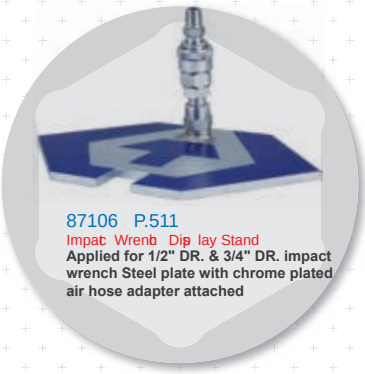
87102 / 87103
Solet Shelf
Width can be adjustable to display multiple socket series
Single serial socket size tab attached
Overall Size -
W 415 x D 336 x H 320 mm
Weight - 6.85 Kg(87102) /
6.37 kg(87103) Cuft - 0.67

Reference:

3568MR	P.163
4072MR / 4572MR	P.166
4072SR / 4572SR	P.166
4066MR / 4566MR	P.169
4066SR	P.169
4472MP/4472SP	P.232
4466MP/4466SP	P.232



91451-01A(1/4"x19 BSPT)
91451-01B(1/4"x18 NPT)
Impact Wrench Hook
Reference: P.511



87106 P.511
Impact Wrench Display Stand
Applied for 1/2" DR. & 3/4" DR. impact wrench Steel plate with chrome plated air hose adapter attached



9TE21 P.326
T-type Wrench Hanger
Overall length - 120 mm
Weight - 533g

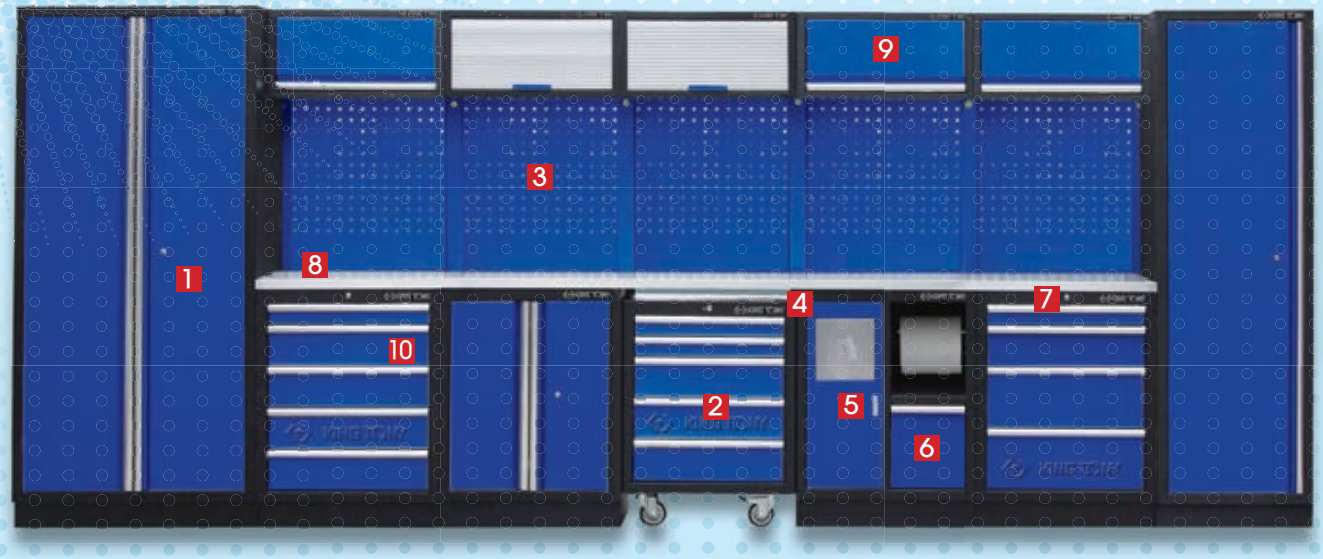
TOOLS STORAGE & TOOLS SYSTEM SETS

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




KING TONY
KING TONY
KING TONY

OBJECT-ORIENTED ORGANIZATION

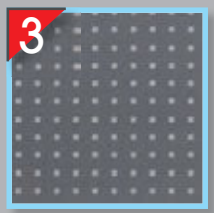




5 Flexible / adjustable shelves



Ball bearing slides



Steel panel for tool storage



Concealed handle



Hidden knob



Double volume



Front centralized locks



Stainless steel work surface



Cupboard with gas spring



The drawer with capacity 30kg

OBJECT-ORIENTED ORGANIZATION

87D11X01SA-KG
Overall: 4885 x 460 x 2000 mm
445.25 CUFT 116.75

Stainless Steel



87D11X01SA-KB
Overall: 4885 x 460 x 2000 mm
445.25 CUFT 116.75

Stainless Steel



OBJECT-ORIENTED ORGANIZATION

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

Stainless Steel



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

Stainless Steel



OBJECT-ORIENTED ORGANIZATION

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

Wooden Top



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

Wooden Top



OBJECT-ORIENTED ORGANIZATION

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

Wooden Top



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

Wooden Top



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

Wooden Top



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

Wooden Top



OBJECT-ORIENTED ORGANIZATION

87D11A-KG
Overall: 3920 x 460 x 2000 mm
343.2 CUFT 89.42

Wooden Top

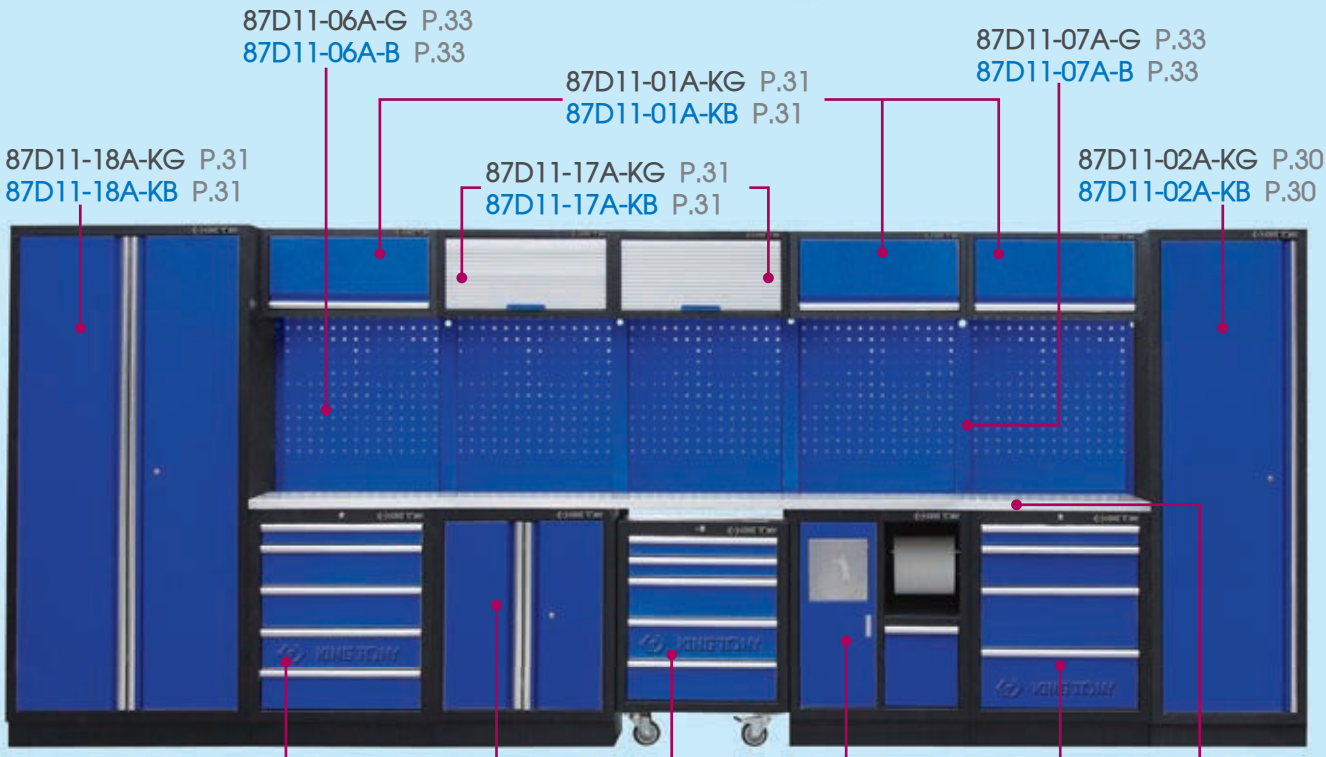


87D11A-KB
Overall: 3920 x 460 x 2000 mm
343.2 CUFT 89.42

Wooden Top



OBJECT-ORIENTED ORGANIZATION ACCESSORIES



Tall Cabinet

87D11-02A-KG



87D11-02A-KG

87D11-02A-KB



87D11-02A-KB

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

Tall Cabinet

87D11-18A-KG

87D11-18A-KB



87D11-18A-KG



87D11-18A-KB

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

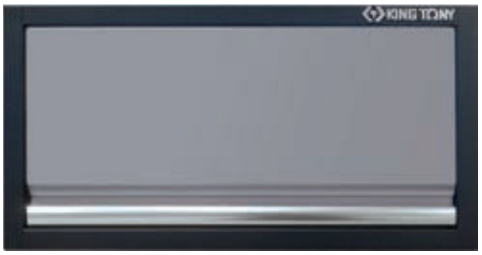
Wall Cabinet

87D11-01A-KG

87D11-17A-KG

87D11-01A-KB

87D11-17A-KB



87D11-01A-KG



87D11-01A-KB

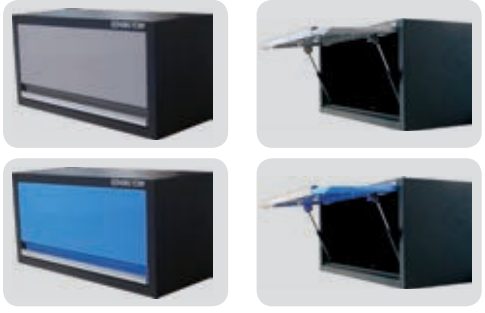


87D11-17A-KG



87D11-17A-KB

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



Opened Door Cabinet

87D11-03A-KG

87D11-03A-KB



87D11-03A-KG



87D11-03A-KB













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

Drawer Cabinet

87D11-04A-KG

87D11-04A-KB

87D11-05A-KG

87D11-05A-KB



87D11-04A-KG



87D11-04A-KB



87D11-05A-KG



87D11-05A-KB

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









Trash Bin With Paper Holder

87D11-11A-KG

87D11-11A-KB



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

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

5 Drawers Cabinet

87D11-12A-KG

87D11-12A-KB



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

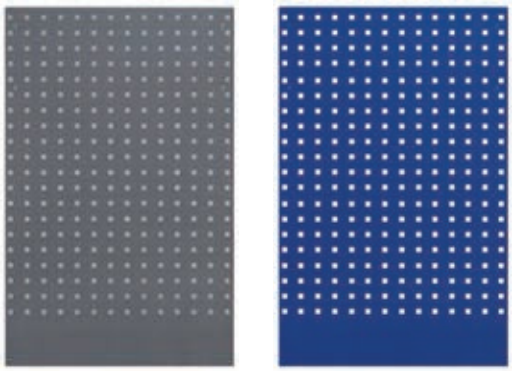
KT NO.	Spec.	Overall (mm)	Kg	CUFT
87D11-12A-KG 87D11-12A-KB	5 Drawer	650 x 460 x 862	46	10.63

Back Panel

87D11-06A-G

87D11-06A-B

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



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

Pillar

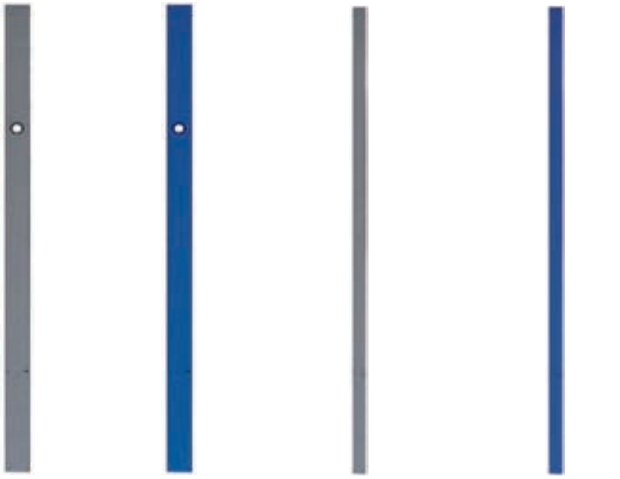
87D11-07A-G

87D11-071A-G

87D11-07A-B

87D11-071A-B

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



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

Pressed Wooden Board

87D11-08A

87D11-09A

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



Stainless Board

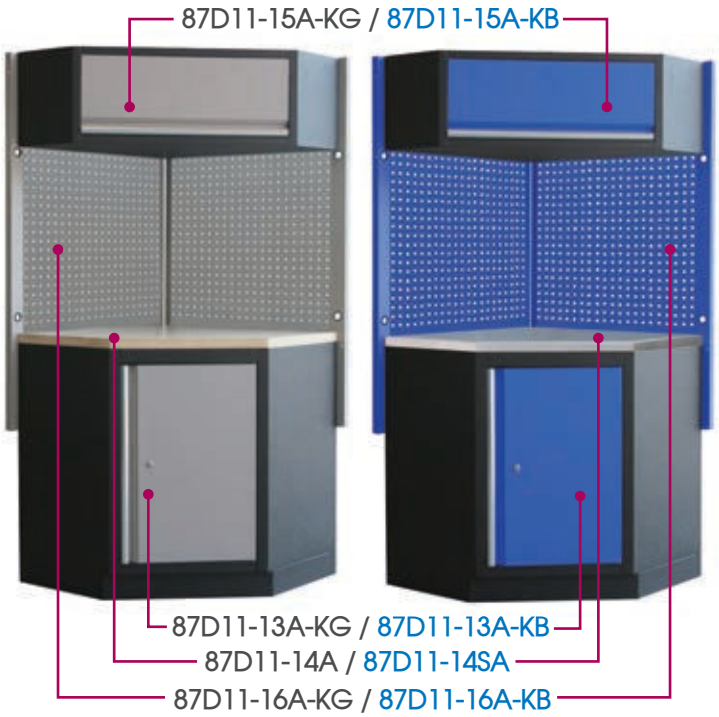
87D11-08SA

87D11-09SA

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



OPTIONAL ACCESSORIES



Corner Wall Cabinet

87D11-15A-KG

87D11-15A-KB



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

Corner Bottom Cabinet

87D11-13A-KG

87D11-13A-KB

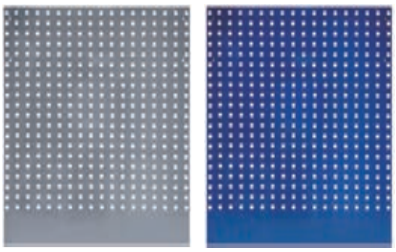


KT NO.	Overall (mm)	Kg	CUFT
87D11-13A-KG 87D11-13A-KB	865 x 865 x 910	42	7.02

Corner Back Panel

87D11-16A-G

87D11-16A-B



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

Stainless Steel Board

87D11-14SA



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

Pressed Wooden Board

87D11-14A



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

Customized Color Choice Chart

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



Red



Red+Black



Blue



Blue+Black



Orange+Black



Black



Gray

(Other colors are optional, produce with minimum quantity)

Tool Trolley



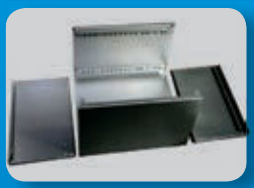
• 100% open ball bearing slide for drawer



• Add strength and safety



• Central locking system + 10mm top mat



• One piece steel body





• Embossed & hammed edge drawer increase strength



• Industrial TPR floor brake carters

Accessory

87432-15

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



87432-17

- Flat side panel
- Size : 456 x 370mm



87432-31

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



87432-32

- Side tray



87432-52

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





84087637BKT new

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



87432-23





87432-24



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

87432-33

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



87432-34

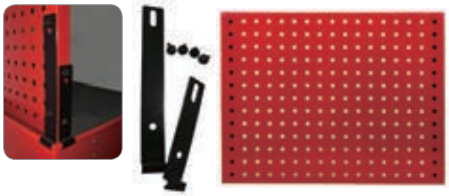
- Bottle side tray



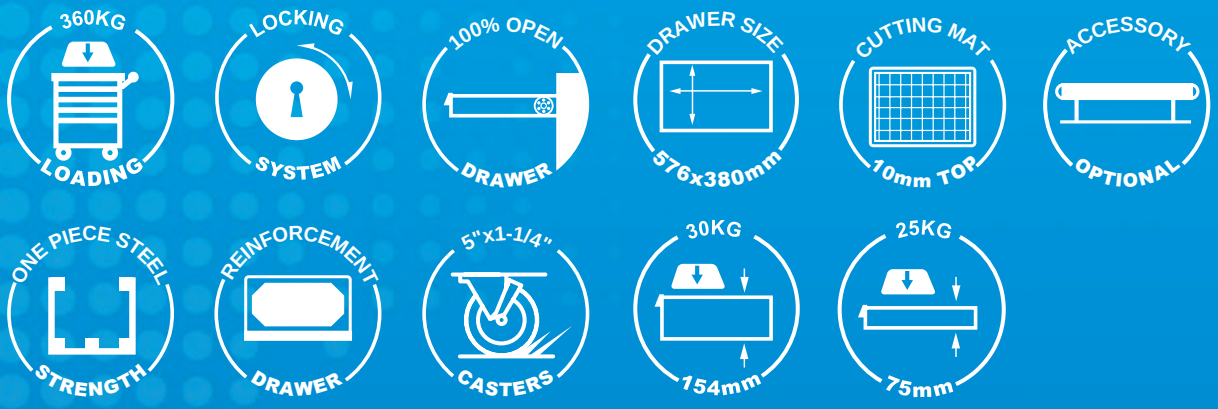
87432-41

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

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



Tool Trolley





Tool Trolly Set



P.62-65
P.82-87

EVA Foam



P.68-80

Plastic Tray



P.94-118



Selective colors:


-B


-G

(Other colors are optional, produce with minimum quantity)


87438-3B


87432-5B


87434-7B


87437-8B


87437-10B











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

Tool Trolley

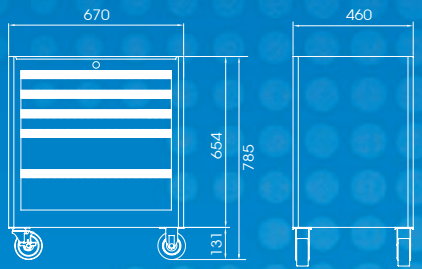


250 Kg



- Specifically collocate with workbench

87431-5BE

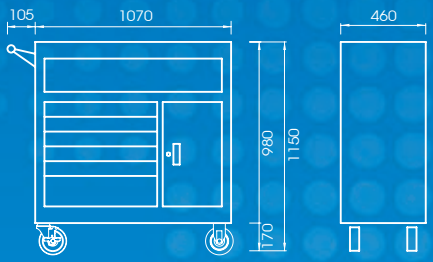


KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87431-5BE	3 Drawer	576 x 380 x 75	4" x 1-1/4"	250 Kg	50	10.03
	2 Drawer	576 x 380 x 154				

600 Kg



87439-7B

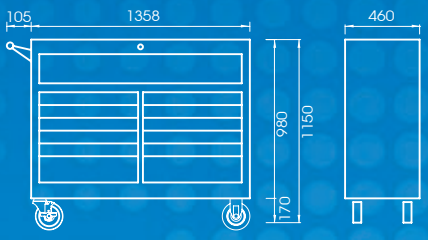


KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	Kg	CUFT
87439-7B	5 Drawer	576 x 380 x 75	6" x 2"	600 Kg	129	25
	1 Drawer	576 x 380 x 154				
	1 Drawer	927 x 380 x 173				
	1 Door	317.5 x 404 x 554				

600 Kg

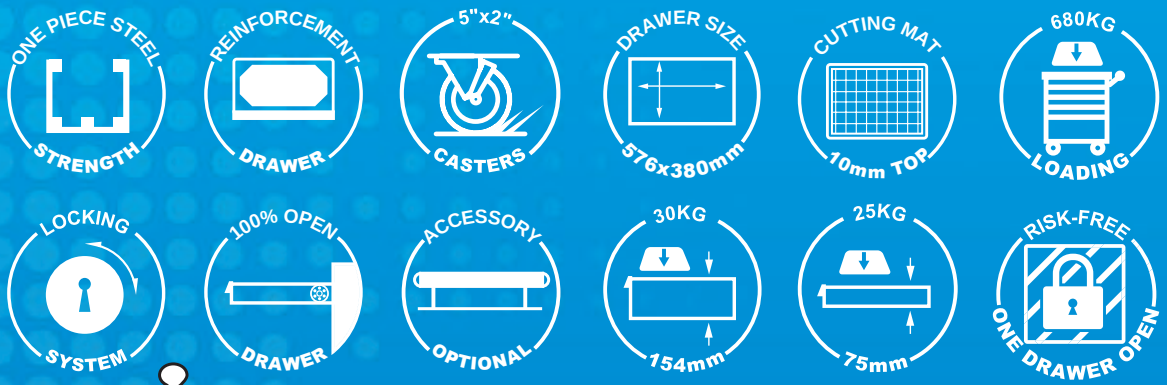


87435-13B



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

Risk-Free Tool Trolley



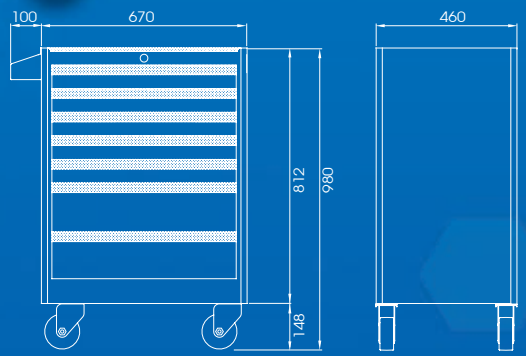




Selective colors:



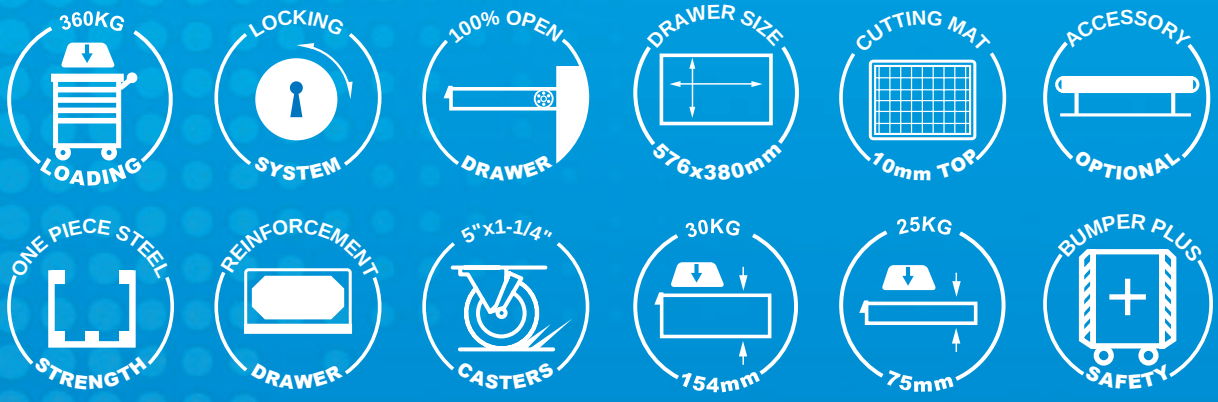
(Other colors are optional, produce with minimum quantity)





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

Classic Bumper Type Tool Trolley





Tool Trolly Set



P.62-65
P.82-87

EVA Foam



P.68-80

Plastic Tray



P.94-118



• Multipole space bar to hold other tools



• With bottle tray and side tray



• Embossed & hammed edge drawer increase strength



• Industrial TPR floor brake casters



87632-5B



87634-7B

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

Selective colors:



-B



-G

(Other colors are optional, produce with minimum quantity)



• Ball bearing drawer



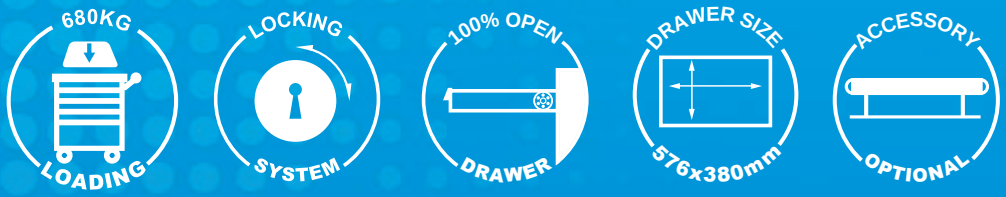
• Black anodized aluminum strip



• Soft bumpers side advioding damage vehicle

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

Risk-Free Bumper Type Tool Trolley







Tool Trolly Set



P.62-65
P.82-87

EVA Foam



P.68-80

Plastic Tray



P.94-118





• Industrial TPR floor brake casters



• Soft bumpers side avoids damage vehicle



• Black anodized aluminum strip



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

Selective colors:



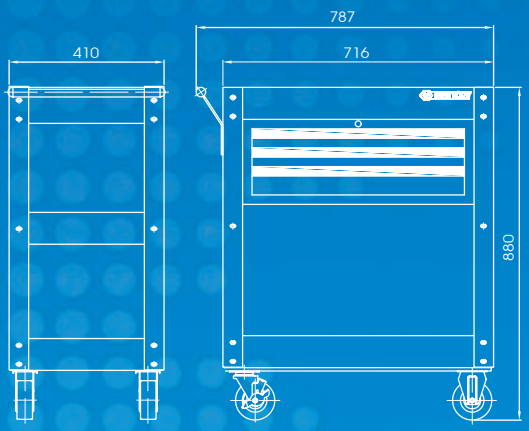
-B -G

(Other colors are optional, produce with minimum quantity)

KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Contents		Casters	Static load	Kg	CUFT
87934-7B	7 Drawer	5-576 x 380 x 74 2-576 x 380 x 153	87934-31	Pull handle bar x 1	5" x 2"	680 kg	69.70	12.43
			87934-32	Tool bin & oil can holder x 1				
87934-7BF			87502-051	Single hook x 4			75.00	12.70

Tool Trolley







87441-1B

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



87441-3B

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

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

Shelf Trolley

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





Optional accessories:



87502-050
U Shape hook



87502-051
1" Shape hook



87502-061
1" Double hook



9TE11
Magnetic round holder for parts



9TE21
Magnetic foldable holder for T handle



9TE31
Magnetic holder for impact wrench

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

3 Reversible Drawers Ball Bearing Type Shelf Trolley

87442-3B



87442-16-K



87442-36

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

Evolution Roller E.V.O.R

Evolution Roller



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

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



Optional accessory for evolution roller

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



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



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



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



87502-050
U Shape hook



87502-051
1" Shape hook



87502-061
1" Double hook



9TE11
Magnetic round holder for parts



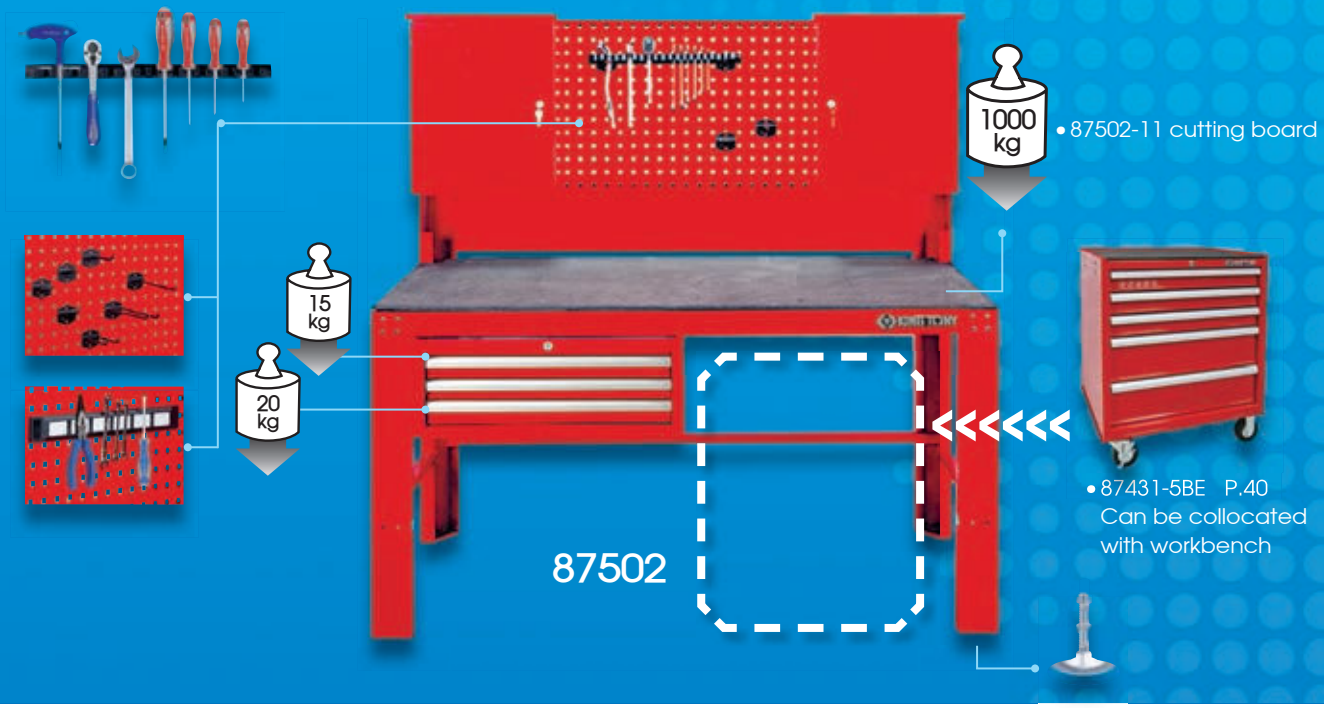
9TE21
Magnetic foldable holder for T handle



9TE31
Magnetic holder for impact wrench



Workbench



87502-01

- Tool holder 500mmL



87502-02

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



87502-05

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



87502-06

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



87502-11

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



87502-12

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



87502P02

- Drawer chest for workbench



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

87502P03

- 2 PC. wall cabinets



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

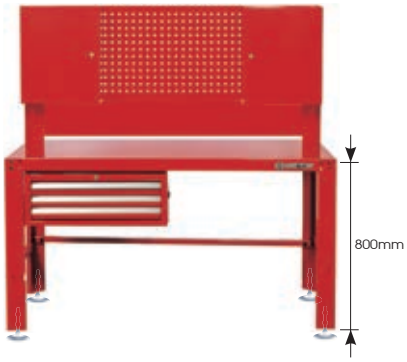
Workbench

• Workbench excludes cutting board & tool holder

87502

▪ 3 drawer chest-ball bearing slide

▪ 2 wall cabinets



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

87502P01

▪ Workbench with back panel



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

87502P90

▪ 2 wall cabinets



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

87502P91

▪ 3 drawer chest-ball bearing slide



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

87502P011

▪ Workbench



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

87502P012

▪ Back panel



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

Workbench

87512

- Workbench - 3 drawer chest ball bearing slide
  1 wall cabinet



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

87512P01

- Workbench



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

87512P02

- Drawer chest for workbench



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

87512P03

- Back panel



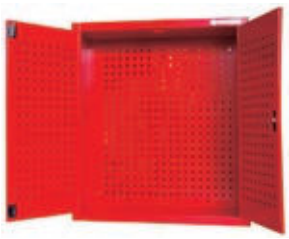
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87512P03	Overall	1559 x 203 x 603	43.30	10.10

Workbench Cabinet with Hooks

87201

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





Steel thickness: (body)1.0 mm


87502-050


87502-051


87502-061

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

Tool Chest





87411-6B



87411-9B



87419-5B
(Extra deep)



87412-4B



87412-6B



87417-10B
(Extra deep)

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

Selective colors:

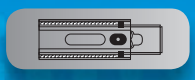


-RK -B -BK -K -G -OK

(Produce with minimum quantity)



• Ball bearing slides



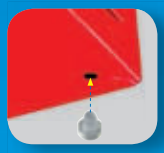
• Steel ball



• Lockable



• Plastic drawer divider for cabinet



• Bottom rubber mats to avoid slipping

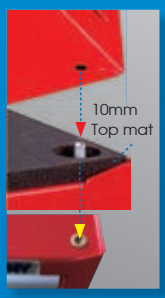
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87411-6B	Overall	660 x 307 x 374	25.40	3.97
	Top	646 x 290 x 60		
	3 Drawer	170 x 275 x 50		
	2 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		
87411-9B	Overall	660 x 307 x 427	30.20	4.3
	Top	646 x 290 x 60		
	6 Drawer	170 x 275 x 50		
	2 Drawer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

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

Tool Chest

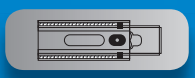
87421-3B







• Ball bearing slides



• Steel ball

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

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

Selective colors:



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

(Produce with minimum quantity)

Portable Tool Chest



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

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



87401-2



87401-3



87401-3H

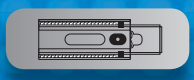
Only 87401-3H:



• Internal lock system



• Ball bearing slides



• Steel ball

Tool Box

87402 87408

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



KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87402	5 compartments	470 x 220 x 260	5.60	1.22
87408	5 compartments	530 x 220 x 260	6.70	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.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87404	2 compartments	560 x 278 x 270	2.40	1.75
87407	2 compartments	445 x 240 x 206	1.74	0.79

Fabric Tool Box

87137 new

- Material : PP
- Parts box



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

Fabric Tool Bag

87711C

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

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







87721B new

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

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







16” Tool Bag With Rubber Waterproof Base

87722B new

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

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





Handy Case

Handy Case Series

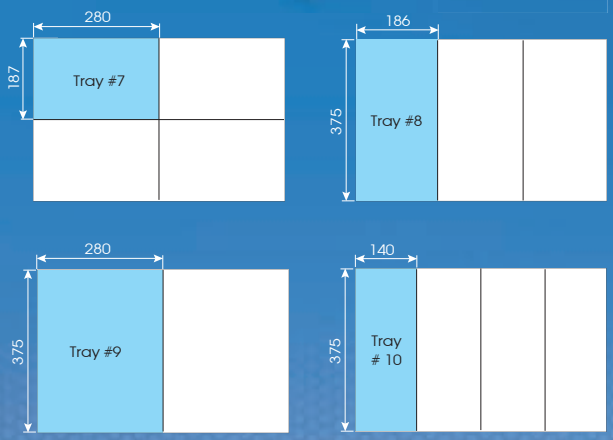
The outside of handy case can afford high load capacity, and great crash-resistance. There are four different sizes with the conception of T.C.S mod. Therefore, its design is based on the user perspective , easy to carry and store, make every user enjoying their work.











#7



820001
289 x 230 x 66mm

#10



820002
389 x 185 x 66mm

#8



820003
389 x 230 x 66mm

#9



820011
422 x 372 x 92mm

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







- Steel buckle provide security & strength



- Foam protection against collisions



- Hexagon overlap in 4 corners, easy to file up



- Extra space for thumb taking out

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

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





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



- 180° swivel handle easy to carry



- Easy and quick to lock



- Foam protection against collisions



- Hexagon overlap in 4 corners, easy to file up



- Extra space for thumb taking out

KT NO.	Size mm	EVA / Tray	g	
820001	289 x 230 x 66	#7	641.0	1 /6
820002	389 x 185 x 66	#10	651.2	1 / 5
820003	389 x 230 x 66	#8	793.0	1 / 4

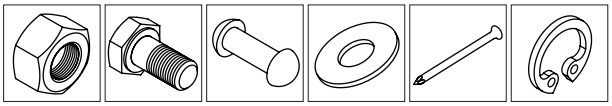
Multi-Storage Case

827011

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









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

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

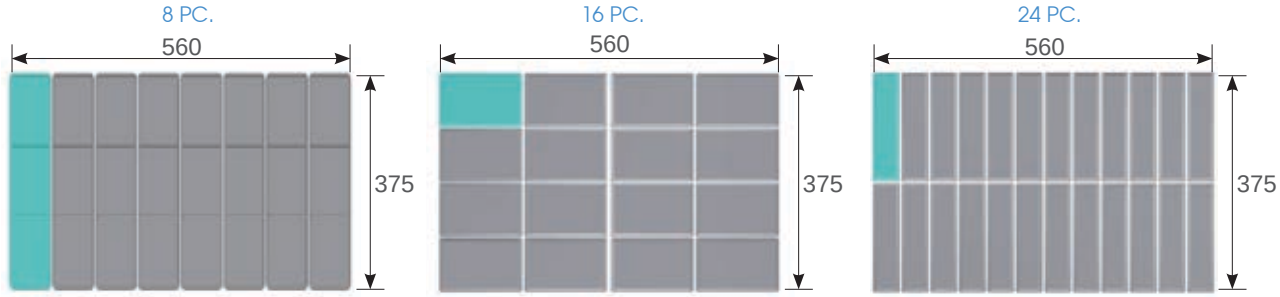
Plastic Tray

847000

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

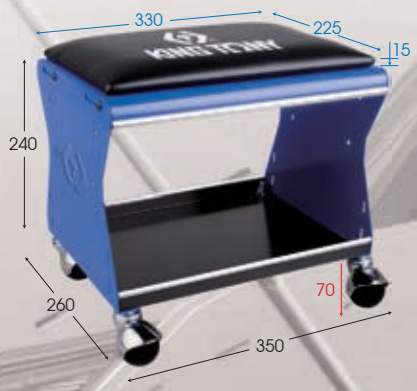
KT NO.	Size	g	
84700011B	283 x 93 x 43	113	1 / 40
84700002B	140 x 93 x 43	60	1 / 80
84700003B	187 x 47 x 43	50	1 / 80





Mobile Work Chair

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



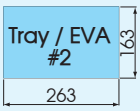


- Four 360° Rotation Spherical Casters

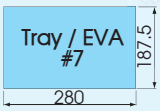


Drawer

Size : 345 x 195 x 65mm







87452A-B





Metal tray with rack funciton

87452B-B





Metal tray

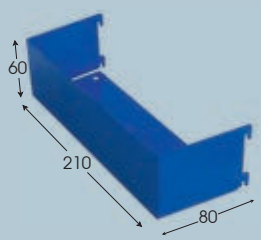
87452C-B



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

- Optional Accessory

87452A1-B







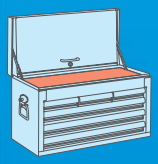


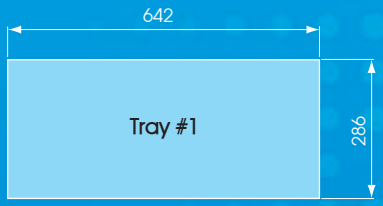
Tools Control & Security Storage System

How to complete your tool trolley set and tool chest set

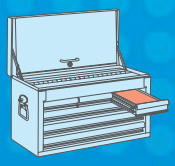


Drawer (646x290 mm)



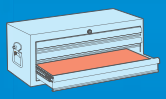


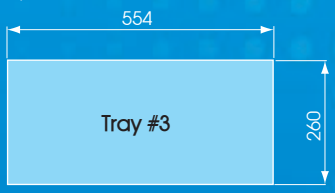
Drawer (172x275 mm)



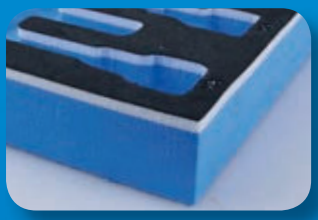


Drawer (572x275 mm)

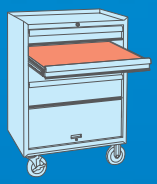


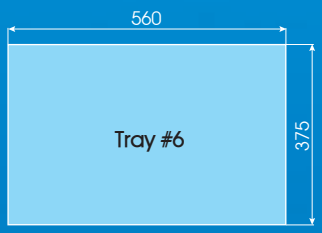


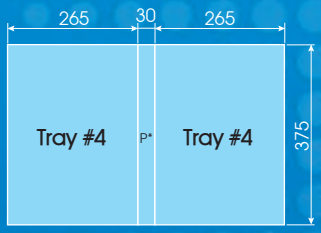
Drawer (579x380 mm)



Tree-colors fabrication

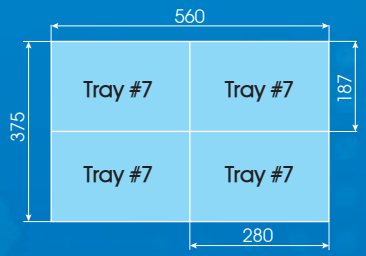


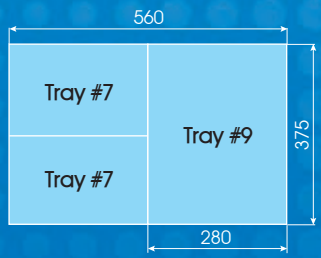






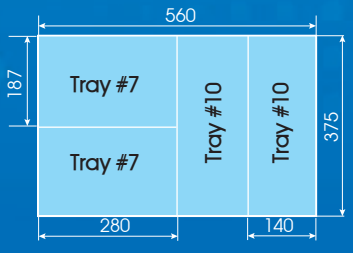
waterproof

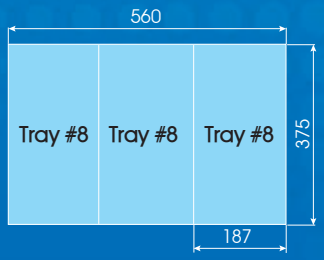


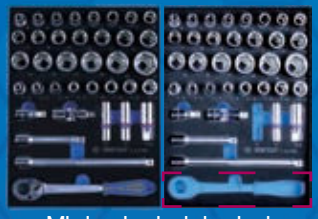




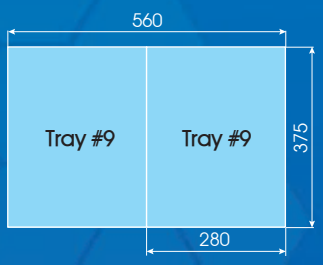
Laser marking

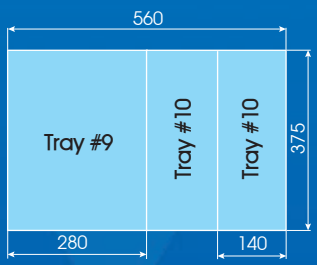


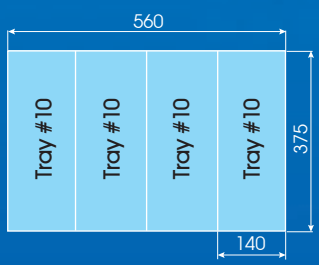




Missing tools detected







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

235 PC. Tool Trolley Contents



Contents No. 934-235MRVD

24.15 CUFT 2.97

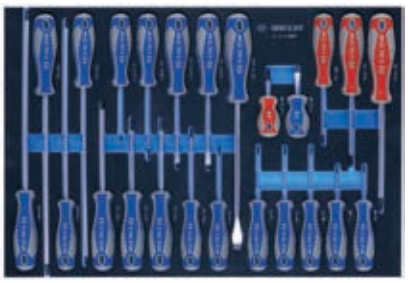
- Special tool set for Automobile, suitable for VOLKSWAGEN-GROUP, MERCEDES-BENZ, OPEL, BMW & Japanese passanger car



9-4537MRV #9 P.75 | 9-2565MRV #7 P.73 | 9-4129PRV #7 P.74



9-4147PRV #10 P.79 | 9-90135MRV #10 P.79 | 9-1220MRV #9 P.76



9-31124MRV #6 P.71



9-90119MRV #9 P.76 | 9-40104GPV #10 P.80 | 9-40113GPV #10 P.80



9-44214GPV #10 P.80 | 9-90118PRV #10 P.80

235 PC. Tool Trolley Set

7 drawers, 88.15 kg, 15.21 CUFT	 934-235MRV (87434-7B P.39)	 934-235MRV-G (87434-7B-G P.39)	 934-235MRV-B (87434-7B-B P.39)
7 drawers, 90.29 kg, 18.61 CUFT	 9634-235MRV (87634-7B P.43)	 9634-235MRV-G (87634-7B-G P.43)	 9634-235MRV-B (87634-7B-B P.43)
7 drawers, 93.85 kg, 15.4 CUFT	 9934-235MRV (87934-7B P.45)	 9934-235MRV-G (87934-7B-G P.45)	 9934-235MRV-B (87934-7B-B P.45)
7 drawers, 99.15 kg, 15.67 CUFT	 9934F-235MRV (87934-7BF P.45)	 9934F-235MRV-G (87934-7BF-G P.45)	 9934F-235MRV-B (87934-7BF-B P.45)

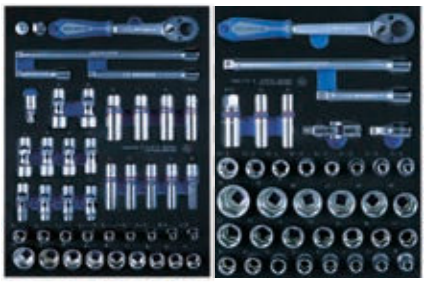
286 PC. Tool Trolley Contents



Contents No. 934-010MRVD

Kg 28.8 CUFT 2.97

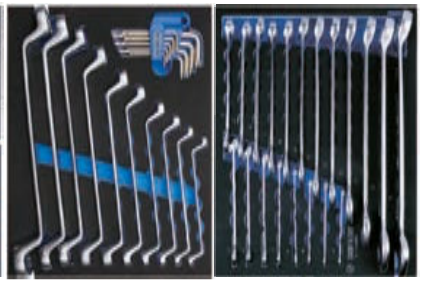
- Special tool set for automobile, suitable for VOLKSWAGEN-GROUP, MERCEDES-BENZ, OPEL, BMW & Japanese passanger car



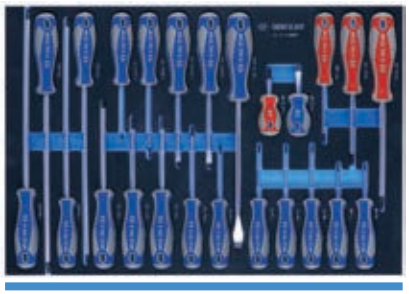
9-3544MRV #9 P.75 | 9-4537MRV #9 P.75



9-4147PRV #10 P.79 | 9-4401MPV #10 P.79 | 9-2565MRV #7 P.73 | 9-4129PRV #7 P.74



9-90119MRV #9 P.76 | 9-1220MRV #9 P.76



9-31124MRV #6 P.71



9-40104GPV #10 P.80 | 9-40113GPV #10 P.80 | 9-90135MRV #10 P.79 | 9-90118PRV #10 P.80

286 PC. Tool Trolley Set

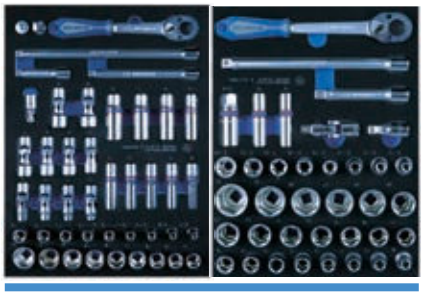
7 Kg 92.8 CUFT 15.21	934-010MRV (87434-7B P.39)	934-010MRV-G (87434-7B-G P.39)	934-010MRV-B (87434-7B-B P.39)
7 Kg 94.94 CUFT 18.61	9634-010MRV (87634-7B P.43)	9634-010MRV-G (87634-7B-G P.43)	9634-010MRV-B (87634-7B-B P.43)
7 Kg 98.5 CUFT 15.4	9934-010MRV (87934-7B P.45)	9934-010MRV-G (87934-7B-G P.45)	9934-010MRV-B (87934-7B-B P.45)
7 Kg 103.8 CUFT 15.67	9934F-010MRV (87934-7BF P.45)	9934F-010MRV-G (87934-7BF-G P.45)	9934F-010MRV-B (87934-7BF-B P.45)

325 PC. Tool Trolley Contents



Contents No. 934-011MRVD

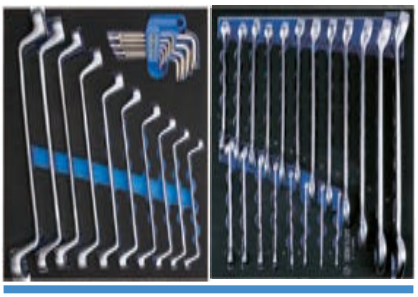
33.35 CUFT 3.73



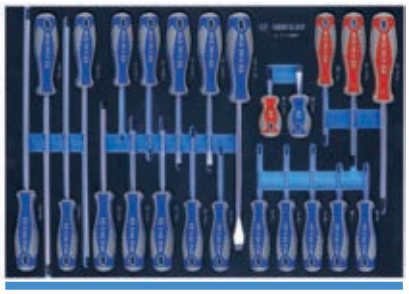
9-3544MRV #9 P.75 | 9-4537MRV #9 P.75



9-2565MRV #7 P.73
9-4143FRV #7 P.74
9-1112MRV #9 P.76



9-90119MRV #9 P.76 | 9-1220MRV #9 P.76



9-31124MRV #6 P.71



9-40104GPV #10 P.80 | 9-40113GPV #10 P.80 | 9-90135MRV #10 P.79 | 9-90118PRV #10 P.80



9-90413TQV #6 P.73



7962-04 P.462



9DC23 P.619



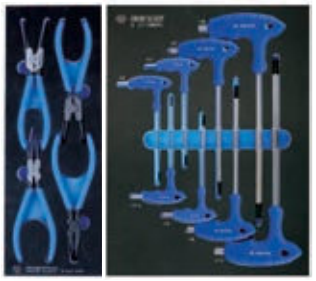
2121-18 P.631



7963-04 P.462



14210212 P.366
14226512 P.366



9-44214GPV | 9-22108MRV #9 P.77
#10 P.80

325 PC. Tool Trolley Set

7	97.35 CUFT 15.97	 934-011MRV (87434-7B P.39)	 934-011MRV-G (87434-7B-G P.39)	 934-011MRV-B (87434-7B-B P.39)
7	99.49 CUFT 19.37	 9634-011MRV (87634-7B P.43)	 9634-011MRV-G (87634-7B-G P.43)	 9634-011MRV-B (87634-7B-B P.43)
7	103.05 CUFT 16.16	 9934-011MRV (87934-7B P.45)	 9934-011MRV-G (87934-7B-G P.45)	 9934-011MRV-B (87934-7B-B P.45)
7	108.35 CUFT 16.43	 9934F-011MRV (87934-7BF P.45)	 9934F-011MRV-G (87934-7BF-G P.45)	 9934F-011MRV-B (87934-7BF-B P.45)

525 PC. Tool Trolley Contents



Contents No. 935-525CRVD new

73.49 CUFT 6.51



9-9003MRV01 #6 P.71



9-6314MRV #6 P.71



9-9040SRV #9 P.75 9-4129PRV #7 P.74
9-3612MR #7 P.112



9-4147PRV 9-4401MPV 9-4435MP #9 P.113
#10 P.79 #10 P.79



9-1112MRV #9 P.76 9-1220MRV #9 P.76



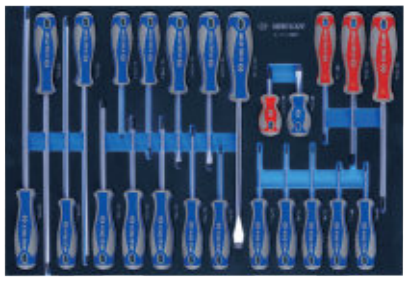
9-90119MRV #9 P.76 9-91190CRV #9 P.77



9-91124MRV #6 P.72



9-90217GRV #6 P.72



9-31124MRV #6 P.71







9-22108MRV #9 P.77 9-4143FRV #7 P.74
9-30904AY #7 P.112



9-90413TQV #6 P.73



74010 P.479



74020 P.479



74020 P.479



7861-16 P.453



7811-12 P.452



7851-16 P.454



7911-12 P.481



21-20-101 P.464



6532-14 P.356



79094-08C P.465

525 PC. Tool Trolley Set



13

239.49
CUFT 38.05

935-525CRV
(87435-13B P.40)

187 PC. Tool Chest Set

911-004CRV

47.38 CUFT 6.51





9-9077CRV #1 P.68



9-42102GPV #2 P.69 | 9-40122GPV #2 P.69 | 9-40112GPV #2 P.69



9-91131MRV #3 P.70



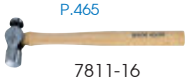
9-91126SRV #3 P.70



9-90145CRV #3 P.70



79093-05C P.465



7811-16 P.452



87411-6B P.53

219 PC. Tool Chest Set

911-000CRV

48.27 CUFT 6.10





9-7069CRV #1 P.68



9-42114GPV #2 P.69 | 9-40102GPV #2 P.69 | 9-2548CRV #2 P.69



9-90129CRV #3 P.70



9-90128SR #3 P.95



9-90138CR #3 P.96



87411-6B P.53

306 PC. Tool Chest Set

919-001CRV

66.01 CUFT 11.05





9-9003MRV01 #6 P.71



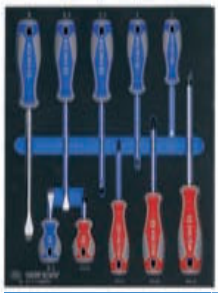
9-9040SRV #9 P.75



9-1220MRV #9 P.76



9-90217GRV #6 P.72



9-31110MRV #9 P.77



9-91190CRV #9 P.77



9-91124MRV #6 P.72



79094-08C
P.465



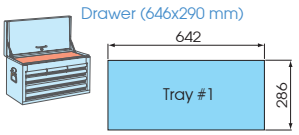
7911-12
P.481



87419-5B P.53



Tool Set Content



9-7069CRV

Tray category #1 (642 x 286mm)

70 PC.

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


7911-12



9-9077CRV

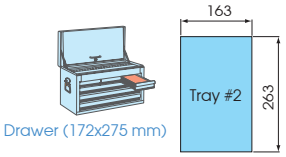
Tray category #1 (642 x 286mm)

77 PC.

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

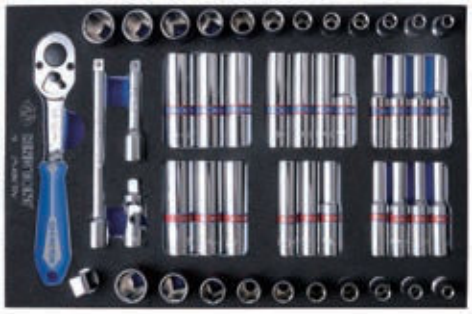


Tool Set Content



Drawer (172x275 mm)

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


48 PC.

Contents — 1.28 kg — 1 / 10

○	2235M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
○	2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
○	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2

2792 2813 2779-55G

2221-02
2221-04

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


2 PC.

Contents — 1.0 kg — 1 / 10

6011-10R 6511-10

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


2 PC.

Contents — 0.69 kg — 1 / 10

6231-08 6311-08

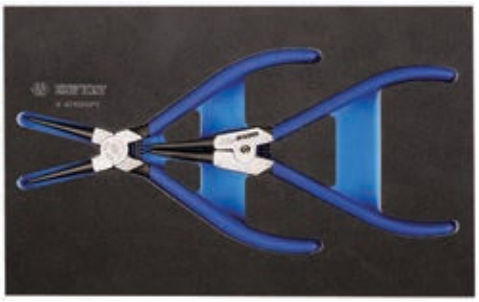
9-40122GPV Tray category #2 (163 x 263mm)


2 PC.

Contents — 0.95 kg — 1 / 10

6111-08 6011-10R

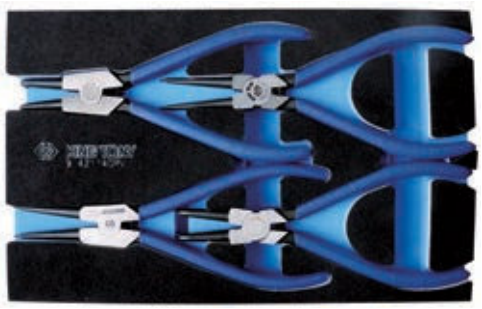
9-42102GPV Tray category #2 (163 x 263mm)


2 PC.

Contents — 0.32 kg — 1 / 10

68HS-07 68SS-07

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

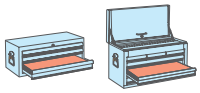

4 PC.

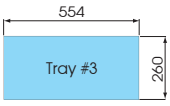
Contents — 0.6 kg — 1 / 10

68HS-07 68SS-07

68HB-07 68SB-07

Tool Set Content





9-91126SRV

Tray category #3 (554 x 260mm)

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



26 PC.

9-91131MRV

Tray category #3 (554 x 260mm)

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



31 PC.

9-90145CRV

Tray category #3 (554 x 260mm)

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



45 PC.

9-90129CRV

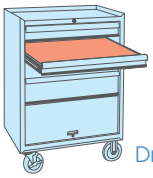
Tray category #3 (554 x 260mm)

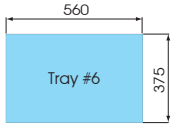
Contents		2.5	1 / 4
	1421	PH0 x 60, PH1 x 80, PH2 x 38, PH2 x 100, PH3 x 150	
	1422	3 x 75, 6.5 x 38, 6.5 x 100, 6.5 x 150, 8 x 175	
	1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	
	1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	
	6111-07	6231-07	
	6311-06		



29 PC.

Tool Set Content





Drawer (579 x 380 mm)

9-6314MRV

Tray category #6 (560 x 375mm)

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



14 PC.

9-9003MRV01

Tray category #6 (560 x 375mm)

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

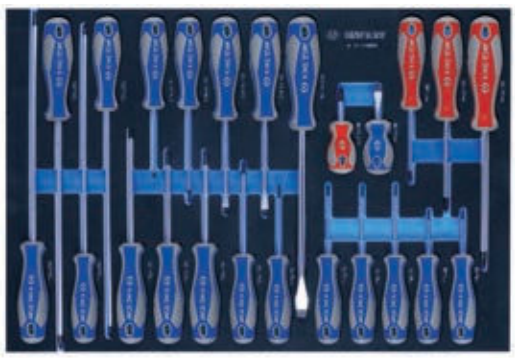


103 PC.

9-31124MRV

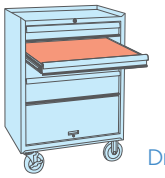
Tray category #6 (560 x 375mm)

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



24 PC.

Tool Set Content



Drawer (579 x 380 mm)

9-90217GRV

Tray category #6 (560 x 375mm)

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

17 PC.



9-91122MRV new

Tray category #6 (560 x 375mm)

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

26 PC.



9-91124MRV

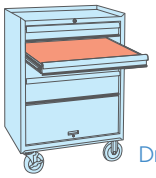
Tray category #6 (560 x 375mm)

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

24 PC.



Tool Set Content



Drawer (579 x 380 mm)

9-90413TQV

Tray category #6 (560 x 375mm)

Contents		kg 2.49	1 / 5
115HM	8, 10, 13		
9CZ101		115345R-05	
48280180		43280212	
43240115Y		75102-08G	
75202-08G		75302-08G	
75402-08G		75502-08G	



13 PC.

9-91217MRV new

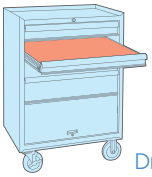
Tray category #6 (560 x 375mm)

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



17 PC.

Tool Set Content



Drawer (579 x 380 mm)

9-2565MRV

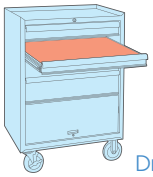
Tray category #7 (280 x 187mm)

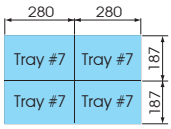
Contents		kg 1.38	1 / 10
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
2375M	E4, E5, E6, E7, E8		
2013X	T8, T9, T10, T15, T20, T25, T27, T30, T40		
2015X	H3, H4, H5, H6, H8		
2018X	PZ1, PZ2		
2011X	PH1, PH2		
2012X	3.5, 5.5, 8		
1025T	T6, T7		
1025M	M4, M5, M6, M8, M10		
2792		2813	276A-04G
2221-02, 2221-04, 2221-06			



65 PC.

Tool Set Content





Drawer (579 x 380 mm)

9-4129PRV

Tray category #7 (280 x 187mm)

29 PC.

2.07 kg | 1 / 10

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



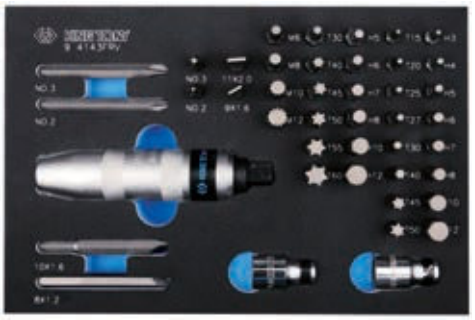
9-4143FRV

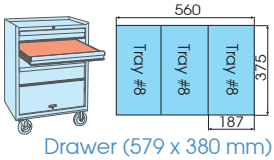
Tray category #7 (280 x 187mm)

43 PC.

1.63 kg | 1 / 8

Contents	
1636H	H5, H6, H7, H8, H10, H12
1636M	M6, M8, M10, M12
1636T	T30, T40, T45, T50, T55, T60
1832H	H3, H4, H5, H6, H7, H8, H10, H12
1832T	T15, T20, T25, T27, T30, T40, T45, T50
1836P	PH2, PH3
1836S	9 x 1.6, 11 x 2
1880P	PH2, PH3
1880S	8 x 1.2, 10 x 1.6
414810M 414810S	4112





Drawer (579 x 380 mm)

9-2550MRV new

Tray category #8 (187 x 375mm)

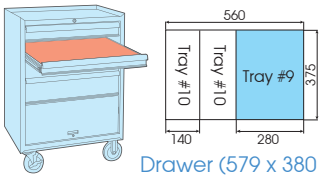
50 PC.

1.37 kg | 1 / 3

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



Tool Set Content

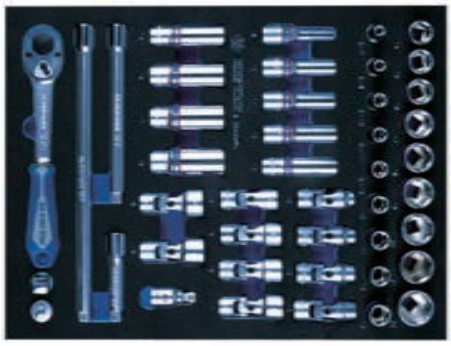


Drawer (579 x 380 mm)

9-3544MRV

Tray category #9 (280 x 375mm)

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



44 PC.

9-4527MRV02 new

Tray category #9 (280 x 375mm)

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



27 PC.

9-4537MRV

Tray category #9 (280 x 375mm)

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



37 PC.

9-9040SRV

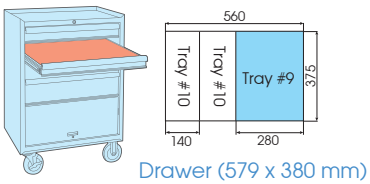
Tray category #9 (280 x 375mm)

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



40 PC.

Tool Set Content



Drawer (579 x 380 mm)

9-7560MRV01 new

Tray category #9 (280 x 375mm)

Contents		6.24	1 / 2
	2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
	4335MR	10, 11, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 24, 27, 30, 32	
	1025S	3.0, 4.5, 5, 6.5, 8	
	1025P	PH0, PH1, PH2, PH3	
	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H	
	1025Z	PZ1, PZ2, PZ3	
	276A-04G		
	4771-10GR		
	4452-15FR		
	4572-12		
	213312DF		
	2792		
	4791R		
	2813		
	2745		
	2223-02 2223-04		
	4251-05R 4251-10R		

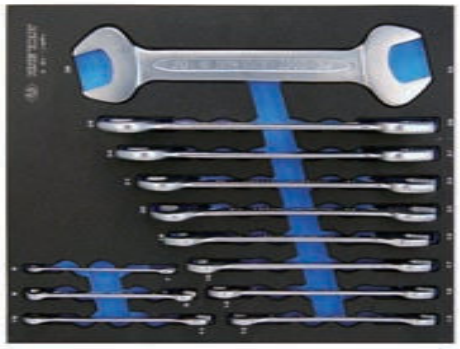


60 PC.

9-1112MRV

Tray category #9 (280 x 375mm)

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

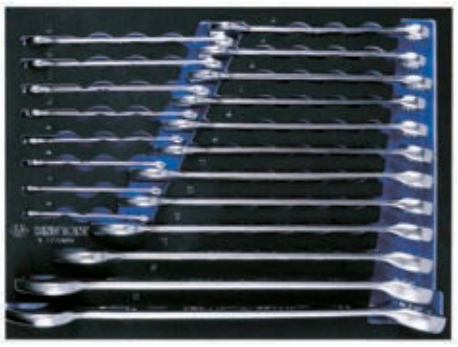


12 PC.

9-1220MRV

Tray category #9 (280 x 375mm)

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



20 PC.

9-90119MRV

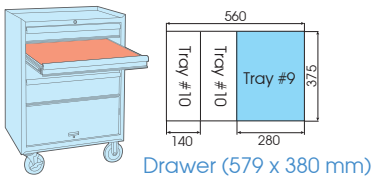
Tray category #9 (280 x 375mm)

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



19 PC.

Tool Set Content



Drawer (579 x 380 mm)

9-91190CRV

Tray category #9 (280 x 375mm)

Contents		2.22	1 / 10
1025S		3.0, 4.0, 5.0, 6.0	
1025P		PH1, PH2 x 2, PH3	
1025Z		PZ1, PZ2 x 2, PZ3	
1025T		T10, T15, T20, T25, T27, T30, T40	
1025H		H3, H4, H5, H6	
1025U		T10H, T15H, T20H, T25H, T27H, T30H, T40H	
1025R		RB2	
7702-25		753-63	
10D0		10,12,13,14,17,18,19	
1130MR		H2.5, H3, H4, H5, H6, H8, H10	



90 PC.

Contents

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

9-22108MRV

Tray category #9 (280 x 375mm)

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



8 PC.

9-30208MRV

Tray category #9 (280 x 375mm)

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

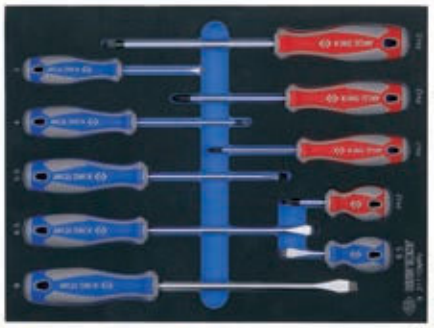


8 PC.

9-31110MRV

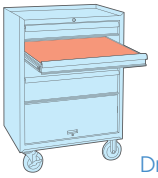
Tray category #9 (280 x 375mm)

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



10 PC.

Tool Set Content



Drawer (579 x 380 mm)

9-2544SRV new

9-2044SRV new

Tray category #10 (140 x 375mm)

44 PC.


9-2544SRV


9-2044SRV

KT NO.		Contents	kg 0.92	1 / 6
9-2544SRV	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2	2235S: 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 1025S: 3, 4.5, 5, 6.5, 8 1025P: PH0, PH1, PH2, PH3 5025H: H3/64, H1/16, H5/64, H3/32, H7/64, H1/8, H9/64, H5/32	2752-06G 2178DF 2792 2223-02 2223-04 2142
9-2044SRV	2330S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2		

9-2548MRV new

9-2048MRV new

Tray category #10 (140 x 375mm)

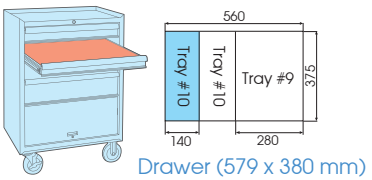
48 PC.


9-2548MRV


9-2048MRV

KT NO.		Contents	kg 1.09	1 / 6
9-2548MRV	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 1025S: 3, 4.5, 5, 6.5, 8 1025P: PH0, PH1, PH2, PH3 5025H: H3, H4, H5, H6, H7, H8, H10	2752-06G 2178DF 2792 2223-02 2223-04 2142
9-2048MRV	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		

Tool Set Content



Drawer (579 x 380 mm)

9-2553MRV new

Tray category #10 (140 x 375mm)

53 PC.

Contents			kg 0.98	1 / 6
	2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
	1025H	H3, H4, H5, H6, H7, H8, H10		
	1025S	3, 4.5, 5, 6.5, 8		
	1025P	PH0, PH1, PH2, PH3		
	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H		
	1025Z	PZ1, PZ2, PZ3		
	1025T	T10, T15, T20, T25, T27, T30, T40		
	7702-25	2792	2813	
	276A-04G	213312DF		
	2223-02 2223-04	2745		



9-3523MRV10 new

Tray category #10 (140 x 375mm)

23 PC.

Contents			kg 1.73	1 / 6
	3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24		
	3771-08G	3792		
	3571-08	3452-08G		
	3293-03 3293-06			



9-4147PRV

Tray category #10 (140 x 375mm)

17 PC.

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



9-4401MPV

Tray category #10 (140 x 375mm)

11 PC.

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

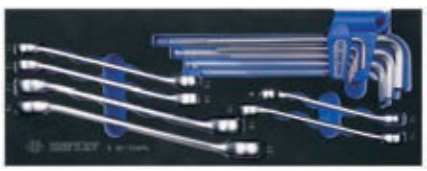


9-90135MRV

Tray category #10 (140 x 375mm)

15 PC.

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



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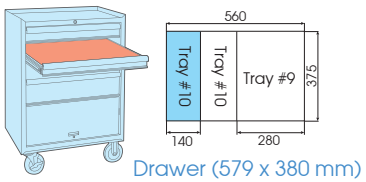


Drawer (579 x 380 mm)

9-40104GPV

Tray category #10 (140 x 375mm)

Contents — 1.08 kg — 1 / 8

6311-08		6111-06	
6231-07		6319-11C	



4 PC.

9-40113GPV

Tray category #10 (140 x 375mm)

Contents — 1.12 kg — 1 / 8

6011-10R		6314-05	
6516-10C			



3 PC.

9-44214GPV

Tray category #10 (140 x 375mm)

Contents — 1.08 kg — 1 / 8

67HS-07		67HB-07	
68SS-07		68SB-07	



4 PC.

9-90118PRV

Tray category #10 (140 x 375mm)

Contents — 0.91 kg — 1 / 6

76104-05		7821-30	
76217-06 76220-07		76403-06 76404-06 76405-65 76406-07	



8 PC.

9-90305TQV

Tray category #10 (140 x 375mm)

Contents — 0.91 kg — 1 / 6

7971-07		77141-08	
77335-25		9BM120	
79093-05C			



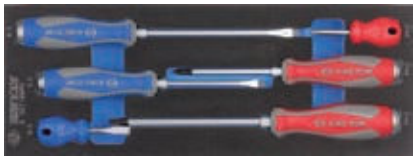
5 PC.

9-30216MRV

Tray category #10 (140 x 375mm)

Contents — 0.71 kg — 1 / 6

1461	PH2 x 100, PH3 X 150	
1462	5.5 X 100, 6.5 X 150	
1411	PH2 x 38	
1412	6.5 x 38	



6 PC.

The Way To Fill Your Drawer

How to complete your tool trolley set and tool chest set

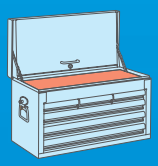
The drawer of tool chest includes one top drawer and different size

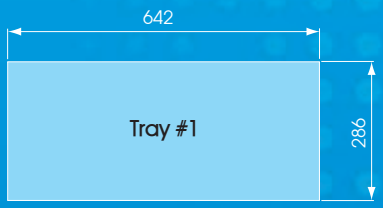
CAUTION

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

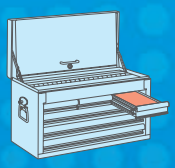
Drawer (646x290 mm)

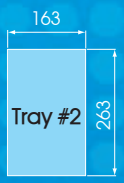






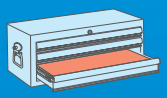
Drawer (172x275 mm)

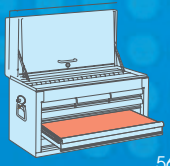


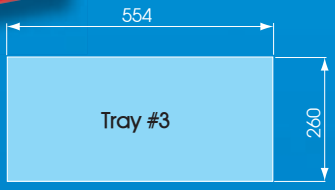


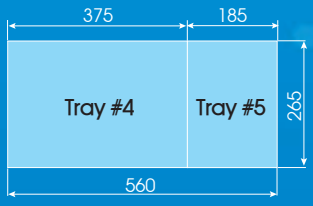
Drawer (572x275 mm)

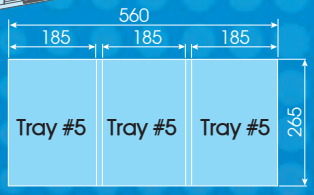






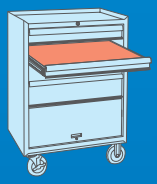


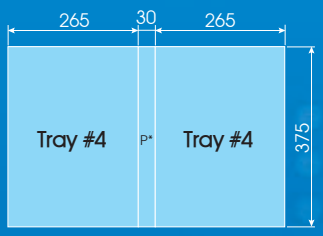


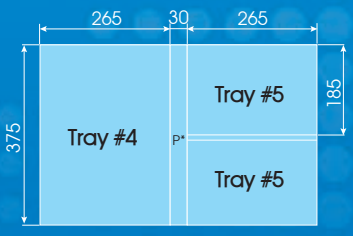


Drawer (579x380 mm)

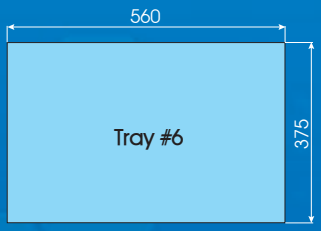


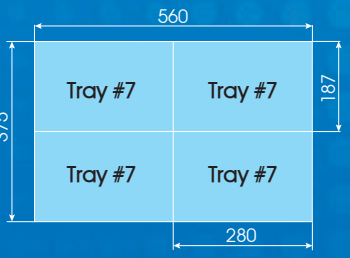


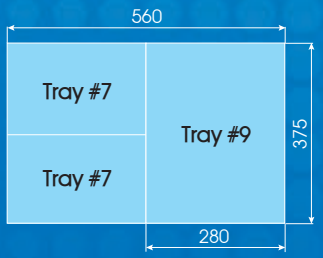


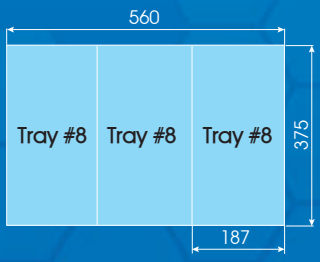


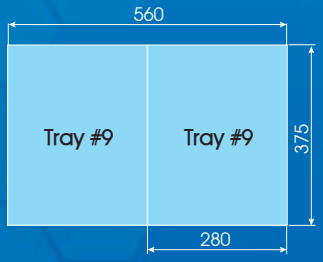


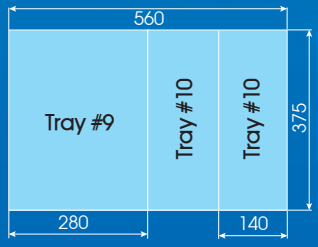


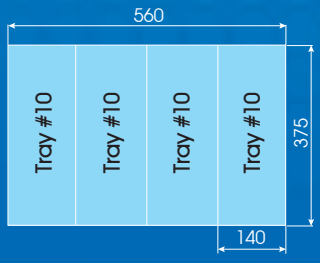






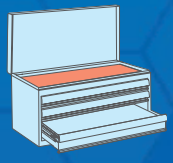


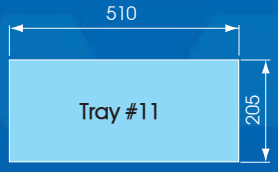


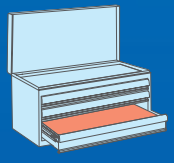


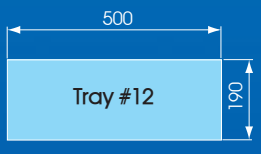
Drawer (504 x 195 mm)





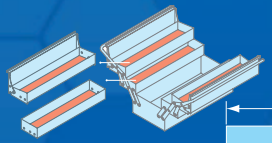


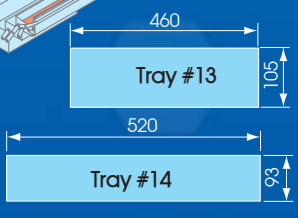


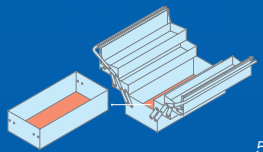


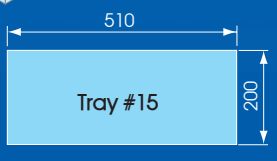
87402 Drawer (470 x 220 mm) #13
87408 Drawer (530 x 220 mm) #14











101 PC. Tool Trolley Contents



Contents No. 932-009MRD — 19.8 CUFT 2.41



9-4333MR #4 P.98 | 9-4120PR #5 P.108 | 9-4119PR #5 P.108
84700612B P*



9-1219MR01 #4 P.101 | 9-1711MR #4 P.102
84700612B P*



9-90106SR #4 P.106 | 9-40103GP #5 P.109
84700612B P*



1110MR P.298



34423-1A P.279

101 PC. Tool Trolley Set

5 — 75.8 kg / 14.65 CUFT	 932-009MR (87432-5B P.39)	 932-009MR-G (87432-5B-G P.39)	 932-009MR-B (87432-5B-B P.39)
5 — 78.8 kg / 18.05 CUFT	 9632-009MR (87632-5B P.43)	 9632-009MR-G (87632-5B-G P.43)	 9632-009MR-B (87632-5B-B P.43)
7 — 85.94 kg / 18.05 CUFT	 9634-009MR (87634-7B P.43)	 9634-009MR-G (87634-7B-G P.43)	 9634-009MR-B (87634-7B-B P.43)
7 — 89.5 kg / 14.84 CUFT	 9934-009MR (87934-7B P.45)	 9934-009MR-G (87934-7B-G P.45)	 9934-009MR-B (87934-7B-B P.45)
7 — 94.8 kg / 15.11 CUFT	 9934F-009MR (87934-7BF P.45)	 9934F-009MR-G (87934-7BF-G P.45)	 9934F-009MR-B (87934-7BF-B P.45)

144 PC. Tool Trolley Contents



Contents No. 932-010MRD — 17.5 CUFT 1.86



9-4328MR #4 P.98 | 9-5575MR #4 P.99
84700612B P*



9-1216MR01 #4 P.100 | 9-1709MR #4 P.102
84700612B P*



9-90106SR #4 P.106 | 9-31106MR #5 P.109
9-40103GP #5 P.109
84700612B P*



34423-1A P.279

144 PC. Tool Trolley Set

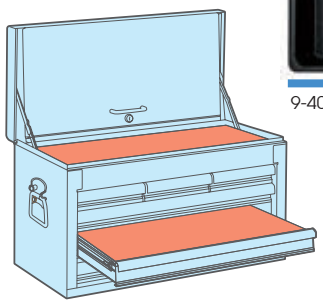
5 — 73.5 CUFT 14.1	 932-010MR (87432-5B P.39)	 932-010MR-G (87432-5B-G P.39)	 932-010MR-B (87432-5B-B P.39)
5 — 76.5 CUFT 17.5	 9632-010MR (87632-5B P.43)	 9632-010MR-G (87632-5B-G P.43)	 9632-010MR-B (87632-5B-B P.43)
7 — 83.64 CUFT 17.5	 9634-010MR (87634-7B P.43)	 9634-010MR-G (87634-7B-G P.43)	 9634-010MR-B (87634-7B-B P.43)
7 — 87.2 CUFT 14.29	 9934-010MR (87934-7B P.45)	 9934-010MR-G (87934-7B-G P.45)	 9934-010MR-B (87934-7B-B P.45)
7 — 92.5 CUFT 14.56	 9934F-010MR (87934-7BF P.45)	 9934F-010MR-G (87934-7BF-G P.45)	 9934F-010MR-B (87934-7BF-B P.45)

170 PC. Tool Trolley Contents



Contents No. 941-101MRD

24.8 CUFT 2.54





9-4026MR02 #1 P.94



9-3023MR01 #4 P.98

9-2526MR #5 P.107



9-22308PR #4 P.106

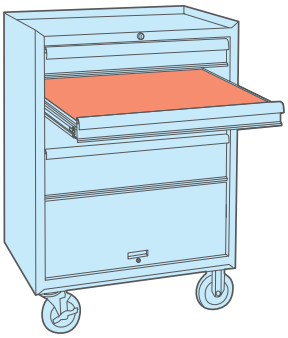
9-31106MR #5 P.109



9-4120PR #5 P.108

9-4119PR #5 P.108

9-1303MR #5 P.108





9-1711MR #4 P.102

9-1216MR #4 P.100

84700612B P*



9-90103RR #4 P.105

9-20110MR #5 P.109

9-40103GP #5 P.109

84700612B P*



9-4128FR #5 P.109



1010PR P.455

170 PC. Tool Trolley Set

5 106.2 CUFT 18.31

5 109.2 CUFT 22.15

7 125.2 CUFT 19.21



941-101MR
(87411-6B P.53
87432-5B P.39)



9641-101MR
(87411-6B P.53
87632-5B P.43)



9644-101MR
(87411-6B P.53
87634-7B P.43)

173 PC. Tool Trolley Contents



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



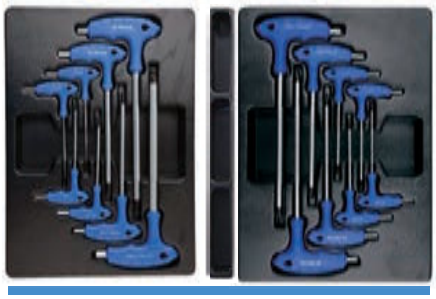
9-4333MR #4 P.98 | 9-7540MR #4 P.99
84700612B P*



9-1216MR01 #4 P.100 | 9-1711MR #4 P.102
84700612B P*



9-90131MR #4 P.100 | 9-31110MR #4 P.106
84700612B P*



9-22108MR #4 P.106 | 9-22308PR #4 P.106
84700612B P*



9-90103PP #4 P.105 | 9-40207GP #4 P.104
84700612B P*



1006PR #4 P.455

173 PC. Tool Trolley Set

5 — Kg 80.70 CUFT 14.34	 932-000MR (87432-5B P.39)	 932-000MR-G (87432-5B-G P.39)	 932-000MR-B (87432-5B-B P.39)
5 — Kg 83.7 CUFT 17.74	 9632-000MR (87632-5B P.43)	 9632-000MR-G (87632-5B-G P.43)	 9632-000MR-B (87632-5B-B P.43)
7 — Kg 90.84 CUFT 17.74	 9634-000MR (87634-7B P.43)	 9634-000MR-G (87634-7B-G P.43)	 9634-000MR-B (87634-7B-B P.43)
7 — Kg 94.4 CUFT 14.53	 9934-000MR (87934-7B P.45)	 9934-000MR-G (87934-7B-G P.45)	 9934-000MR-B (87934-7B-B P.45)
7 — Kg 99.7 CUFT 14.8	 9934F-000MR (87934-7BF P.45)	 9934F-000MR-G (87934-7BF-G P.45)	 9934F-000MR-B (87934-7BF-B P.45)

179 PC. Tool Trolley Contents



Contents No. 932-008MRD — 20.52 CUFT 2.41



9-4522MR #4 P.97 | 9-3523MR #4 P.98
84700612B P*



9-1219MR01 #4 P.101 | 9-90315MR #4 P.102
84700612B P*



9-91120MR #4 P.104 | 9-31909PR #4 P.107
84700612B P*



9-90103PP01 #4 P.105 | 9-40207GP #4 P.104
84700612B P*



9-4120PR #5 P.108 | 9-31106MR #5 P.107
9-4119PR #5 P.108 | 9-2526MR #5 P.107
84700612B P*



1010PR #4 P.455



9DC23 P.619

179 PC. Tool Trolley Set

5 — 76.52 kg / 14.65 CUFT	 932-008MR (87432-5B P.39)	 932-008MR-G (87432-5B-G P.39)	 932-008MR-B (87432-5B-B P.39)
5 — 79.52 kg / 18.05 CUFT	 9632-008MR (87632-5B P.43)	 9632-008MR-G (87632-5B-G P.43)	 9632-008MR-B (87632-5B-B P.43)
7 — 86.66 kg / 18.05 CUFT	 9634-008MR (87634-7B P.43)	 9634-008MR-G (87634-7B-G P.43)	 9634-008MR-B (87634-7B-B P.43)
7 — 90.22 kg / 14.84 CUFT	 9934-008MR (87934-7B P.45)	 9934-008MR-G (87934-7B-G P.45)	 9934-008MR-B (87934-7B-B P.45)
7 — 95.52 kg / 15.11 CUFT	 9934F-008MR (87934-7BF P.45)	 9934F-008MR-G (87934-7BF-G P.45)	 9934F-008MR-B (87934-7BF-B P.45)

197 PC. Tool Trolley Contents



Contents No. 934-001MRD

28.7 CUFT 3.7

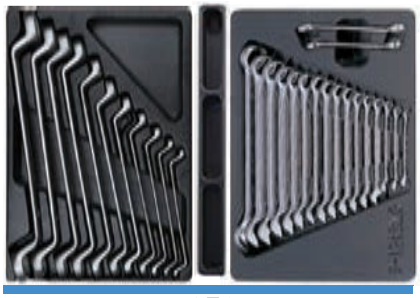


9-90408TQ #6 P.110



9-4516MR #4 P.97 | 9-5575MR #4 P.99

84700612B P*



9-1711MR #4 P.102 | 9-1218MR #4 P.101

84700612B P*



9-22108MR #4 P.106 | 9-31909PR #4 P.107

84700612B P*



9-90310MR #4 P.107 | 9-90106SR #4 P.106

84700612B P*



9-90205GN01 #4 P.105

9-4128FR #5 P.109

9-40103GP #5 P.109

84700612B P*



7962-04 P.462



9DC23 P.619



42114GP P.340

2121-18 P.631



7963-04 P.462



14210212 P.366

14226512 P.366



1108MR P.298



197 PC. Tool Trolley Set

7 92.7 CUFT 15.94	 934-001MR (87434-7B P.39)	 934-001MR-G (87434-7B-G P.39)	 934-001MR-B (87434-7B-B P.39)
7 94.84 CUFT 15.94	 9634-001MR (87634-7B P.43)	 9634-001MR-G (87634-7B-G P.43)	 9634-001MR-B (87634-7B-B P.43)
7 98.4 CUFT 16.13	 9934-001MR (87934-7B P.45)	 9934-001MR-G (87934-7B-G P.45)	 9934-001MR-B (87934-7B-B P.45)
7 103.7 CUFT 16.4	 9934F-001MR (87934-7BF P.45)	 9934F-001MR-G (87934-7BF-G P.45)	 9934F-001MR-B (87934-7BF-B P.45)

69 PC. Tool Chest Set

901-068MR

18.8 CUFT 2.05



9-4338MR #11 P.114 (901-069MR use)

901-069MR

18.4 CUFT 2.05



9-4338MR01 #11 P.114 (901-068MR use)





9-90121MR #12 P.115



9-90104GP #12 P.115



87401-3 P.54



9-31006MR #12 P.115

74 PC. Tool Chest Set

901-073MR

19.5 CUFT 2.05



9-4338MR03 #11 P.114





9-90126MR #12 P.115



9-90104GP #12 P.115



87401-3 P.54



9-31006MR #12 P.115

219 PC. Tool Chest Set

911-000CR

50.5 CUFT 6.10



9-7069CR #1 P.94 (911-000CR use)

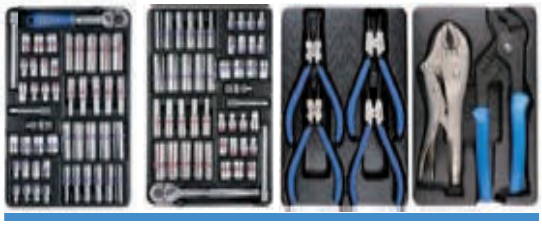




9-90129CR #3 P.96



9-90138CR #3 P.96



9-2548CR #2 P.95 (911-000CR use)

9-2548CR01 #2 P.95 (911-000CR02 use)

9-42114GP #2 P.95

9-40102GP #2 P.95



9-90128SR #3 P.95



7911-12 P.481



87411-6B P.53

911-000CR02

50.8 CUFT 6.10



9-7069CR01 #1 P.94 (911-000CR02 use)

107 PC. Tool Chest Set

911-002CR

40.5 CUFT 5.12



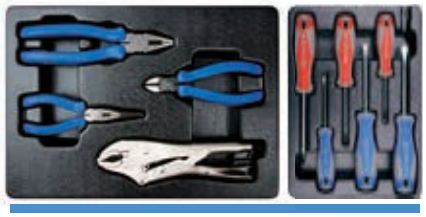




4042CR #476 x 282mm P.195

20107SR P.400

20109MR P.400



9-42144GP #4 P.105

9-31106MR #5 P.109



9-90138CR #3 P.96



87411-6B P.53



7811-16 P.452

235 PC. Tool Chest Set

911-003CR

46.16 CUFT 6.10



9-7078CR #1 P.94 (911-003CR use)





9-90220MR #3 P.96 (911-003CR use)



9-90154CR #3 P.97 (911-003CR use)



87411-6B P.53



9-90329CR #3 P.96

911-003CR01

46.16 CUFT 6.10



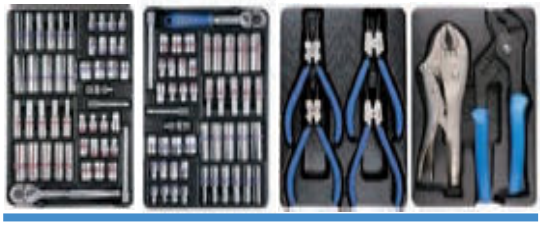
9-7078CR01 #1 P.94 (911-003CR01 use)



9-90220MR01 #3 P.96 (911-003CR01 use)



9-90154CR01 #3 P.97 (911-003CR01 use)



9-2548CR01 #2 P.95 (911-003CR use)

9-2548CR #2 P.95 (911-003CR01 use)

9-42114GP #2 P.95

9-40102GP #2 P.95

Tool Box Set

902-062MR 62 PC.

87402 P.55-Overall size (mm) : 470 x 220 x 260

Contents	14.4 kg	CUFT 1.22
	9-4116FR P.116	
	9-1217MR P.117	
	9-90120MR P.117	
	9-30206MR P.117	
	9-4319MR P.116	
	9-40203GP P.117	

902-164MR 63 PC.

87402 P.55-Overall size (mm) : 470 x 220 x 260

Contents	14 kg	CUFT 1.22
1060	8, 10, 12, 13, 14, 17, 19, 21, 22, 24	
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	
1421	PH1 x 80, PH2 x 38, PH3 x 150	
1422	5.5 x 100, 6.5 x 38, 8 x 175	
6111-07	6311-06	6511-10
7811-16	3611-08R	76104-05
76217-06 76223-08	76403-05 76404-06	76405-65 76406-07
9-4116FR P.116	9-4219MR P.116	

902-065MR 65 PC.

87402 P.55-Overall size (mm) : 470 x 220 x 260

KT NO.	Contents	14.7 kg	CUFT 1.22
1421	PH1 x 80, PH2 x 38, PH3 x 150		
1422	5.5 x 100, 6.5 x 38, 8 x 175		
3611-08P	6111-07	6311-06	
6511-10	7811-16	76104-05	
76217-06 76223-08	76403-05 76404-06	76405-65 76406-07	
9-90115MR P.117	9-1716MR P.117		
9-4116FR P.116	9-4319MR P.116		



902-068MR 68 PC.

87402 P.55-Overall size (mm) : 470 x 220 x 260

Contents	15.9 kg	CUFT 1.22
1060	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	
1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	
1421	PH1 x 80, PH2 x 38, PH3 x 150	
1422	5.5 x 100, 6.5 x 38, 8 x 175	
6111-07	6311-06	6511-10
7821-30	3611-12P	76104-05
76217-06 76223-08	76403-05 76404-06	76405-65 76406-07
7911-12	9-4116FR P.116	9-4319MR01 P.116

902-084MR01 81 PC.

87402 P.55-Overall size (mm) : 470 x 220 x 260

Contents	19.24 kg	CUFT 1.22
1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	
1421	PH1 x 100, PH2 x 150, PH3 x 150	
1422	6.5 x 100, 6.5 x 150, 8 x 150	
6231-07	6311-06	6516-10C
6031-07R	6463-08C	3611-08R 3611-12R
7811-16	7851-16	76104-05 76105-06
76213-04 76215-05 76220-07	76306-05	76403-05 76404-06
20218MR	9-4116FR03 P.116	9-4219MR07 P.116

Tool Box Set

902-084SR

84 PC.

87402 P.55-Overall size (mm) : 470 x 220 x 260

Contents		kg 21.55 CUFT 1.22
4230S		1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4
5060		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/14
1421		PH1 x 100, PH2 x 150, PH3 x 150
1422		6.5 x 100, 6.5 x 150, 8 x 150
1130SR		3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8
6231-07	6311-06	6516-10C
6031-07R	6463-08C	3611-08R 3611-12R
7811-16	7851-16	76104-05 76105-06
76213-04 76215-05 76220-07	76306-05	76403-05 76404-06

9-4116FR03 P.116 9-4219SR08 P.116

902-089MR01

88 PC.

87402 P.55-Overall size (mm) : 470 x 220 x 260

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

1812MR P.318 9-4116FR P.116 9-4319MR01 P.116



902-103MR

103 PC.

87402 P.55-Overall size (mm) : 470 x 220 x 260

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

1812MR P.318 9-4116FR P.116 9-4319MR01 P.116

902-109MR

109 PC.

87402 P.55-Overall size (mm) : 470 x 220 x 260

Contents		kg 24.99 CUFT 1.22
1060		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32
1120MR		H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
1147R		T10H, T15H, T20H, T25H, T27H, T30H, T40H
1421		PH0 x 60, PH1 x 100, PH2 x 100, PH3 x 150
1422		3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175
6111-07	6311-06	6516-10C 7811-16 3611-12R
6231-08	6431-10	6011-10R 76220-07 76226-12 79093-05C
7911-12		76402-45 76403-05 76404-06 76405-65 76406-07 76408-08 76412-09 76414-10

9-4116FR P.116 9-4319MR01 P.116 1812MR P.318 1306MR P.305

Tool Box Set

902-132CR

132 PC.

87402 P.55-Overall size (mm) : 470 x 220 x 260

Contents		kg 24.55	CUFT 1.22
1421	PH0 x 60, PH1 x 100, PH2 x 100, PH3 x 150		
1422	3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175		
3611-08P 3611-12P	6711-06	79093-03C	
6231-07	6111-07	6311-06	6516-10C	6721-10
20419PR	7811-12	6011-10R	7911-12	2121-18
7971-07	76220-07	76104-05	11205SQ P.476	
1005GQ P.482	1226MR P.305	1812MR P.318	30617MR P.377	20208MR01 20208SR01 P.397
9-4116FR P.116	9-4319MR01 P.116			



908-077CR

77 PC.

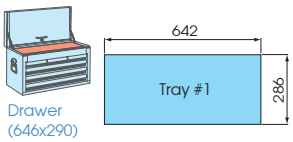
87408 P.55-Overall size (mm) : 530 x 220 x 260

Contents

9-4029CR P.118	9-90111MR P.118
9-4156PR P.118	9-30206MR P.117
9-1215MR03 P.118	9-6010MR P.118

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

Tool Set Content



9-4526MR 9-4026MR02

Tray category #1 (642 x 286mm)



26 PC.

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

9-7069CR 9-7069CR01

Tray category #1 (642 x 286mm)



69 PC.



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

9-7078CR 9-7078CR01

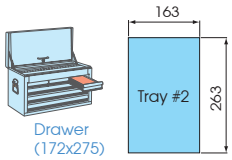
Tray category #1 (642 x 286mm)



78 PC.

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

Tool Set Content



9-2548CR 9-2548CR01

Tray category #2 (163 x 263mm)



48 PC.

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

9-40102GP

Tray category #2 (163 x 263mm)



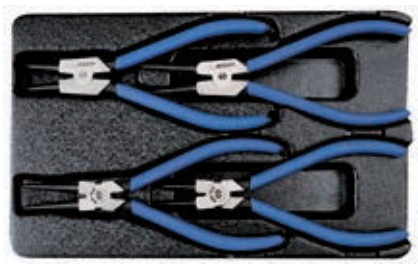
2 PC.

Contents 1.0 kg / 1 / 10

6011-10R 6511-10

9-42114GP

Tray category #2 (163 x 263mm)

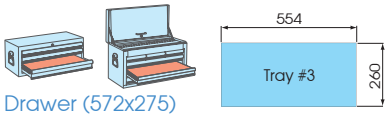


4 PC.

Contents 0.6 kg / 1 / 10

68HS-07 68SS-07

68HB-07 68SB-07



9-90128SR

Tray category #3 (554 x 260mm)

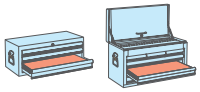
Contents 4.8 kg / 1 / 4

28 PC.



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

Tool Set Content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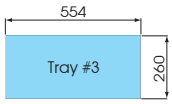


9-90138CR

Tray category #3 (554 x 260mm)

38 PC.

4.8 | 1 / 4

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



9-90329CR

Tray category #3 (554 x 260mm)

29 PC.

3.37 | 1 / 4

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



9-90129CR

Tray category #3 (554 x 260mm)

29 PC.

2.5 | 1 / 4

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



9-90220MR

9-90220MR01

Tray category #3 (554 x 260mm)

20 PC.

9-90220MR



9-90220MR01



KT NO.

Contents

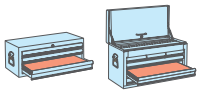
2.51 | 1 / 4

KT NO.		Contents	
9-2548CR	14280204 14240204	3025 3023	H3, H4, H5, H6, H8, H10, H12 T30, T40
9-2548CR01	14232004 14232504	6111-08 6231-08 6311-08	

1421 PH1x80, PH2x100

1422 4x100, 5.5x125, 6.5x150, 8x175

Tool Set Content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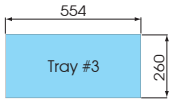


9-90154CR

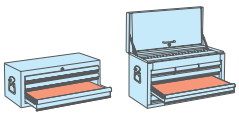
9-90154CR01

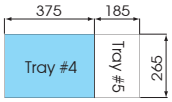
Tray category #3 (554 x 260mm)

KT NO.	Contents	2.86 kg / 1 / 4
9-90154CR	1032CQ01	1130MR H2.5, H3, H4, H5, H6, H8, H10 1130SR 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8
9-90154CR01	1032CQ	7811-16 74030 76717-05 761 Ø 4 x 120 764 Ø 3 x 125 Ø 4 x 150 Ø 5 x 165

54 PC.

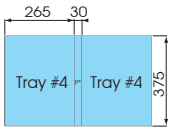




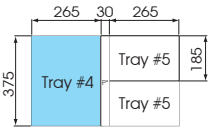


Drawer (572x275)





Drawer (579x380)



9-4516MR

Tray category #4 (375 x 265mm)

Contents	3.12 kg / 1 / 10
4335MR	8, 10, 11, 12, 13, 14, 17, 19, 21, 23, 24
4791R	4768-10F, 4452-15FR
4572-10	4251-05R, 4251-10R

16 PC.



9-4522MR

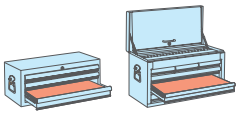
Tray category #4 (375 x 265mm)

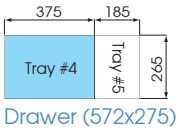
Contents	2.96 kg / 1 / 10
4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24
463521R, 463516R, 4791R	
4768-10F	4251-03R, 4251-05R, 4251-10R

22 PC.

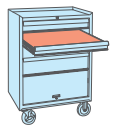


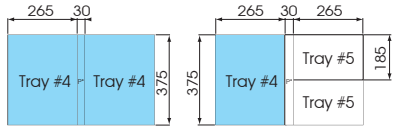
Tool Set Content





Drawer (572x275)





Drawer (579x380)

9-3523MR 9-3023MR01

Tray category #4 (375 x 265mm)

9-3523MR 9-3023MR01



23 PC.

kg 1.38 / 1 / 10

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

9-4328MR

Tray category #4 (375 x 265mm)

Contents kg 4.6 / 1 / 6

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



28 PC.

9-4333MR 9-4333MR03

Tray category #4 (375 x 265mm)

9-4333MR 9-4333MR03



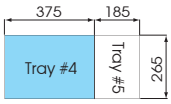
33 PC.

kg 5.4 / 1 / 6

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

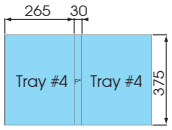
Tool Set Content



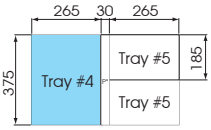


Drawer (572x275)





Drawer (579x380)



9-5575MR

Tray category #4 (375 x 265mm)

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



75 PC.

Contents

366516 366521 3221-16
2769-55F 3769-08F 3789-11F
2221-02 2221-04 3221-03 3221-06 2571-45
2452-05F 3452-08F 3571-08
2792 3792

9-7537MR

Tray category #4 (375 x 265mm)

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



37 PC.

9-7540MR

Tray category #4 (375 x 265mm)

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



40 PC.

9-93523MR

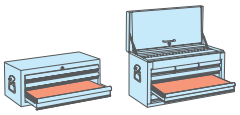
Tray category #4 (375 x 265mm)

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

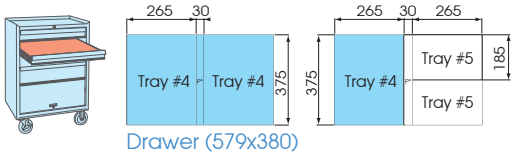


31 PC.

Tool Set Content



Drawer (572x275)



Drawer (579x380)

9-90131MR

Tray category #4 (375 x 265mm)

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



31 PC.

9-91024MR50

Tray category #4 (375 x 265mm)

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



24 PC.

9-1205MR

Tray category #4 (375 x 265mm)

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



5 PC.

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

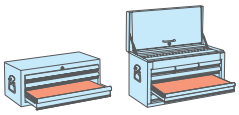
Tray category #4 (375 x 265mm)

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



16 PC.

Tool Set Content



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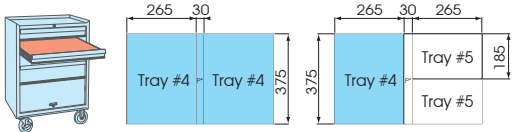


Drawer (579x380)

9-1218MR

Tray category #4 (375 x 265mm)

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



18 PC.

9-1219MR01

Tray category #4 (375 x 265mm)

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



19 PC.

9-1272MR

Tray category #4 (375 x 265mm)

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



12 PC.

9-1282MR

Tray category #4 (375 x 265mm)

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



12 PC.

9-1608MR

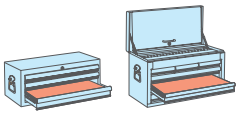
Tray category #4 (375 x 265mm)

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



8 PC.

Tool Set Content



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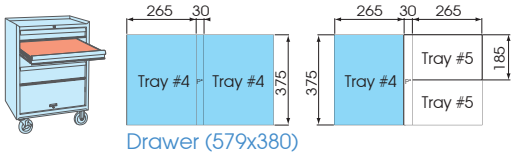


Drawer (579x380)

9-1609MR

Tray category #4 (375 x 265mm)

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



9 PC.

9-1709MR

Tray category #4 (375 x 265mm)

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



9 PC.

9-1711MR

Tray category #4 (375 x 265mm)

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



11 PC.

9-90315MR

Tray category #4 (375 x 265mm)

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

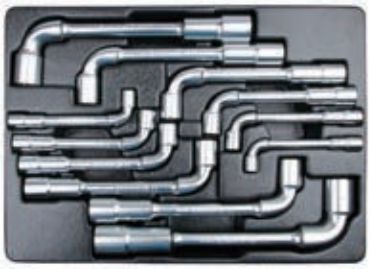


15 PC.

9-1812MR 9-1912MR

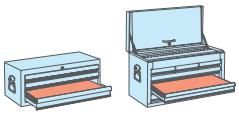
Tray category #4 (375 x 265mm)

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

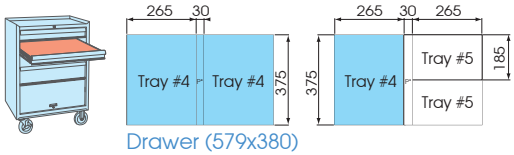


12 PC.

Tool Set Content



Drawer (572x275)

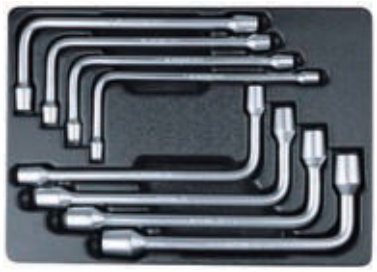


Drawer (579x380)

9-1838MR

Tray category #4 (375 x 265mm)

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



8 PC.

9-1905MR

Tray category #4 (375 x 265mm)

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



5 PC.

9-1C08MR

Tray category #4 (375 x 265mm)

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



8 PC.

9-10115MR

9-10215MR

Tray category #4 (375 x 265mm)

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



15 PC.

9-12120MR

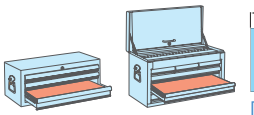
Tray category #4 (375 x 265mm)

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

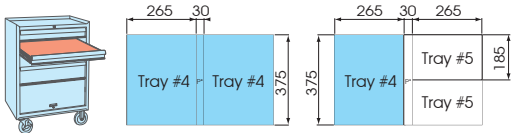


10 PC.

Tool Set Content



Drawer (572x275)



Drawer (579x380)

9-90109MN

Tray category #4 (375 x 265mm)

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



8 PC.

9-91120MR

Tray category #4 (375 x 265mm)

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



20 PC.

9-40207GP

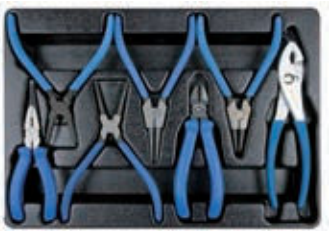
9-40207GP01

Tray category #4 (375 x 265mm)

9-40207GP



9-40207GP01



7 PC.

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

9-40604GP

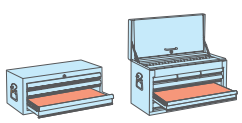
Tray category #4 (375 x 265mm)

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

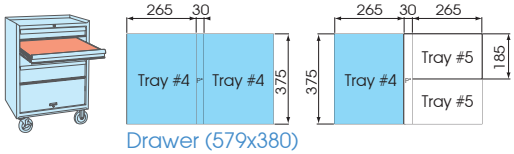


4 PC.

Tool Set Content



Drawer (572x275)



Drawer (579x380)

9-42144GP

Tray category #4 (375 x 265mm)



4 PC.

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

9-90205GN

9-90205GN01

Tray category #4 (375 x 265mm)

5 PC.

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

9-90205GN



9-90205GN01



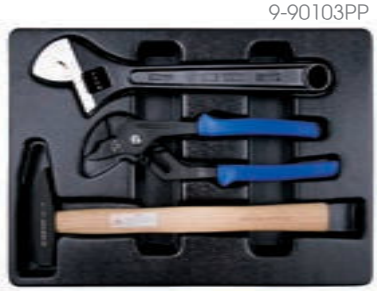
9-90103PP

9-90103PP01

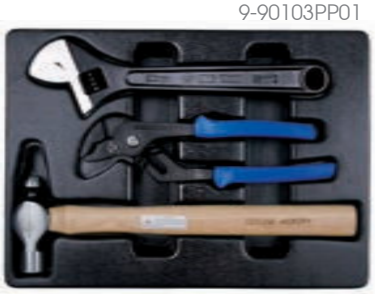
9-90103PP02

Tray category #4 (375 x 265mm)

9-90103PP



9-90103PP01



9-90103PP02



3 PC.

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

9-90103RR

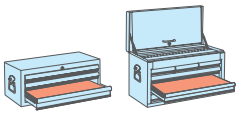
Tray category #4 (375 x 265mm)



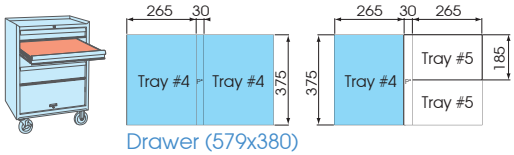
3 PC.

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

Tool Set Content



Drawer (572x275)



Drawer (579x380)

9-90106SR

Tray category #4 (375 x 265mm)

Contents	2.05	1 / 4
76404-06 76405-65 76406-07	76105-06	7822-30	7842-35



6 PC.

9-22108MR

Tray category #4 (375 x 265mm)

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



8 PC.

9-22308PR

Tray category #4 (375 x 265mm)

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



8 PC.

9-30110CR

Tray category #4 (375 x 265mm)

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



10 PC.

9-31110MR

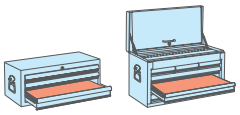
Tray category #4 (375 x 265mm)

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

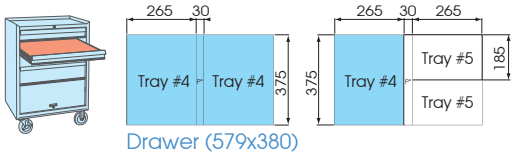


10 PC.

Tool Set Content



Drawer (572x275)

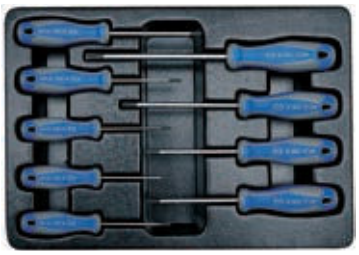


Drawer (579x380)

9-31909PR

Tray category #4 (375 x 265mm)

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



9 PC.

9-90310MR

Tray category #4 (375 x 265mm)

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



10 PC.

9-34128FR

Tray category #4 (375 x 265mm)

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



14 PC.

9-2526MR

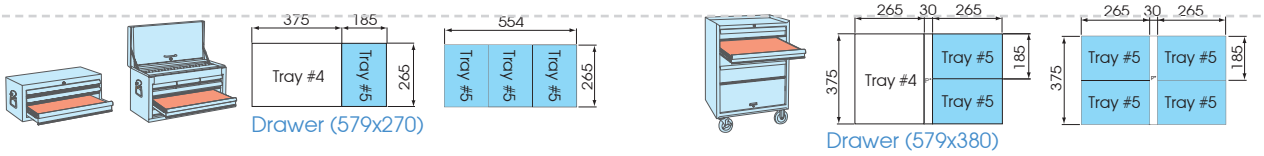
Tray category #5 (265 x 185mm)

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



26 PC.

Tool Set Content



9-4119PR

Tray category #5 (265 x 185mm)

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



9 PC.

9-4120PR

Tray category #5 (265 x 185mm)

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



9 PC.

9-91026PR

Tray category #5 (265 x 185mm)

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



26 PC.

9-1303MR

Tray category #5 (265 x 185mm)

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



3 PC.

9-10112MR

9-10212MR

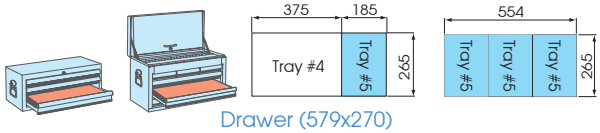
Tray category #5 (265 x 185mm)

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

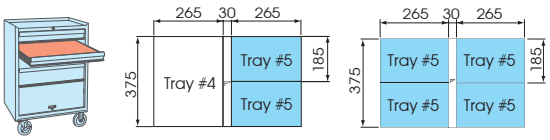


12 PC.

Tool Set Content



Drawer (579x270)

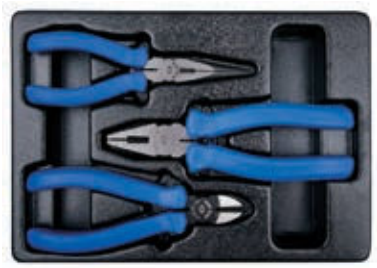


Drawer (579x380)

9-40103GP

Tray category #5 (265 x 185mm)

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



3 PC.

9-31106MR

Tray category #5 (265 x 185mm)

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



6 PC.

9-4128FR

Tray category #5 (265 x 185mm)

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



10 PC.

9-20110MR

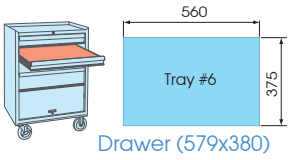
Tray category #5 (265 x 185mm)

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



10 PC.

Tool Set Content



9-7576MR

Tray category #6 (560 x 375mm)

Contents — kg 7.69 / 1 / 3

3335M	8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22, 24	
3235M	8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	
4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	
4235M	10, 12, 13, 14, 17, 19, 21, 22, 24	
9TD403	12, 13, 14, 17, 19	
321510M 321512M	366516 366521	3792
3452-08F	3769-08P	4311-16F
4768-10P	4452-18FR	4573-10
4251-03 4251-05 4251-10	3221-03 3221-06 3221-10	



76 PC.

9-94435MP

Tray category #6 (560 x 375mm)

Contents — kg 6.49 / 1 / 3

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



35 PC.

9-31919MR

Tray category #6 (560 x 375mm)

Contents — kg 2.67 / 1 / 5

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



19 PC.

9-90408TQ

Tray category #6 (560 x 375mm)

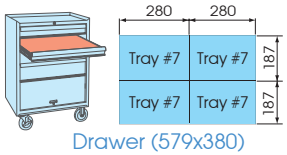
Contents — kg 2.06 / 1 / 5

75102-08G	75202-08G
75302-08G	75402-08G
75502-08G	79063-12
79093-05C	7911-12



8 PC.

Tool Set Content



Drawer (579x380)

9-4057MR

Tray category #7 (280 x 187mm)

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



27 PC.

9-4557MR

Tray category #7 (280 x 187mm)

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



27 PC.

9-4138PR

Tray category #7 (280 x 187mm)

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



18 PC.

9-7128PR

Tray category #7 (280 x 187mm)

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



28 PC.

9-4427MP

Tray category #7 (280 x 187mm)

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



27 PC.

9-4827MP

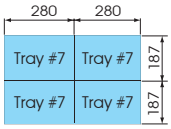
Tray category #7 (280 x 187mm)

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



27 PC.

Tool Set Content



Drawer (579x380)

9-3602MR

Tray category #7 (280 x 187mm)



12 PC.

Contents — 1.27 kg — 1 / 10

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

9-3612MR

Tray category #7 (280 x 187mm)



12 PC.

Contents — 1.27 kg — 1 / 10

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

9-30904AY

Tray category #7 (280 x 187mm)

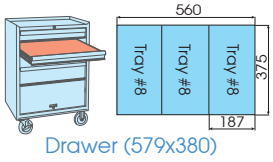
- Use for scribing, alignment, installing and removing O rings, seals and washers stainless.



4 PC.

Contents — 0.43 kg — 1 / 8

43250115Y		43270115Y	
43260115Y		43290115Y	



Drawer (579x380)

9-12110MR

Tray category #8 (375 x 187mm)



10 PC.

Contents — 1.89 kg — 1 / 12

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

9-90114MR

Tray category #8 (375 x 187mm)

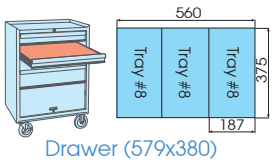


14 PC.

Contents — 1.75 kg — 1 / 12

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

Tool Set Content



Drawer (579x380)

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



11 PC.

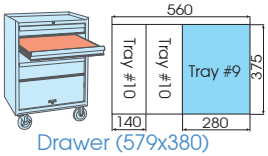
9-91016MR

Tray category #8 (375 x 187mm)

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



16 PC.



Drawer (579x380)

9-4335MR

9-4235MR

Tray category #9 (375 x 280mm)

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



25 PC.

9-4435MP

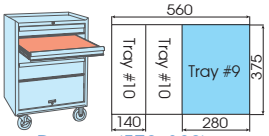
Tray category #9 (375 x 280mm)

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



25 PC.

Tool Set Content



Drawer (579x380)

9-6414MP new

9-6414SP new

Tray category #9 (375 x 280mm)

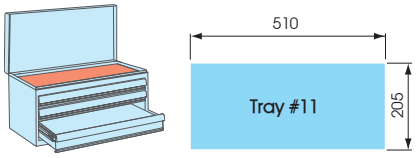


14 PC.

9-6414MP 9-6414SP

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

Tool Chest Set Content



Drawer (504 x 195 mm)

9-4338MR

9-4338MR01

9-4338MR03

Tray category #11 (510 x 205mm)

▪ For Top drawer of 87401-2 / 87401-3 / 87401-3H P.54

38 PC.

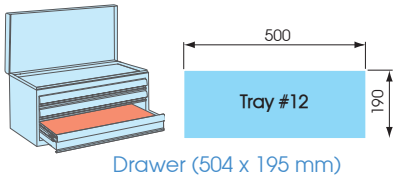
9-4338MR 9-4338MR01 / 9-4338MR03



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

Tool Chest Set Content

▪ for 87401-2 / 87401-3 / 87401-3H P.54



Drawer (504 x 195 mm)

9-90121MR

Tray category #12 (500 x 190mm)

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



21 PC.

9-90126MR

Tray category #12 (500 x 190mm)

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



26 PC.

▪ for 87401-2 / 87401-3 / 87401-3H P.54

9-90104GP

Tray category #12 (500 x 190mm)

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



4 PC.

9-31006MR

Tray category #12 (500 x 190mm)

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



6 PC.

9-90113MA

Tray category #12 (500 x 190mm)

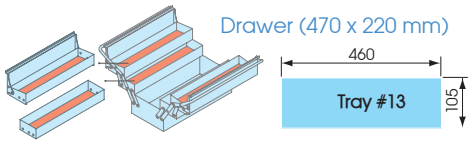
Contents		2.98	1 / 5
	4023	T45	
	4025	H8, H12	
	402B	M16	
	3204	401408M	9AE42
	112005MR 112006MR		9AE2-6606 9AE2-7608 9AE2-7614 9AE2-9315



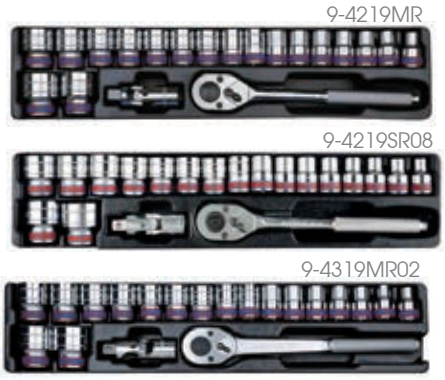
13 PC.

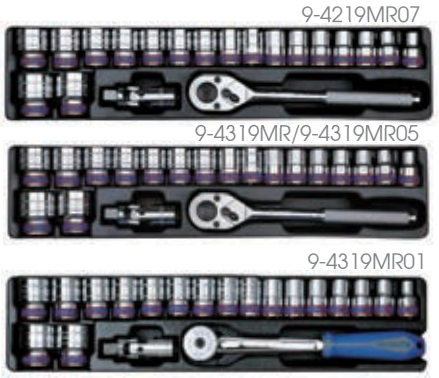
Tool Box Set Content

▪ For 87402 only P.55



9-4219MR | 9-4219MR07 | 9-4219SR08 Tray category #13 (460 x 105mm)
9-4319MR | 9-4319MR01 | 9-4319MR02
9-4319MR05





20 PC.

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

9-4116FR Tray category #13 (460 x 105mm)
9-4116FR03



6 PC.

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

9-1606MR Tray category #13 (460 x 105mm)
9-1606MR01

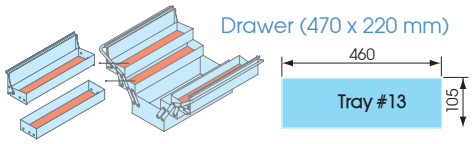


6 PC.

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

Tool Box Set Content

▪ For 87402 only P.55



9-1217MR Tray category #13 (460 x 105mm)



7 PC.

Contents | 1.5 | 1 / 8

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

9-1716MR Tray category #13 (460 x 105mm)



6 PC.

Contents | 1.1 | 1 / 8

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

9-90115MR Tray category #13 (460 x 105mm)



15 PC.

Contents | 1.2 | 1 / 8

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

9-40203GP Tray category #13 (460 x 105mm)



3 PC.

Contents | 0.8 | 1 / 8


6111-07


6211-06


6311-06

9-90120MR Tray category #13 (460 x 105mm)



20 PC.

Contents | 1.5 | 1 / 8

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

9-30106MR Tray category #13 (460 x 105mm)



6 PC.

Contents | 0.8 | 1 / 8

	1421	PH1 x 80, PH2 x 100, PH3 x 150
	1422	5.5 x 100, 6.5 x 150, 8 x 175

9-90125MR Tray category #13 (460 x 105mm)



15 PC.

Contents | 1.2 | 1 / 8

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

9-30206MR Tray category #13 (460 x 105mm)



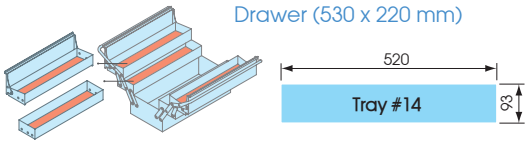
6 PC.

Contents | 1.18 | 1 / 8

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

Tool Box Set Content

▪ For 87408 only P.55



9-4029CR Tray category #14 (520 x 93mm)



29 PC.

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

9-4156PR Tray category #14 (520 x 93mm)



6 PC.

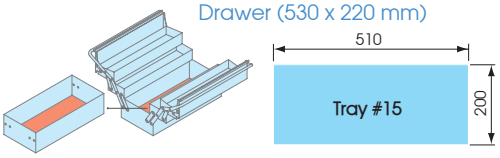
Contents			1.99	1 / 5
	4779-10GR		4572-12	
	4251-03R 4251-05R 4251-10R		4791R	

9-90111MR Tray category #14 (520 x 93mm)



11 PC.

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



9-6010MR Tray category #15 (465 x 183mm)

9-6010MR01



10 PC.

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

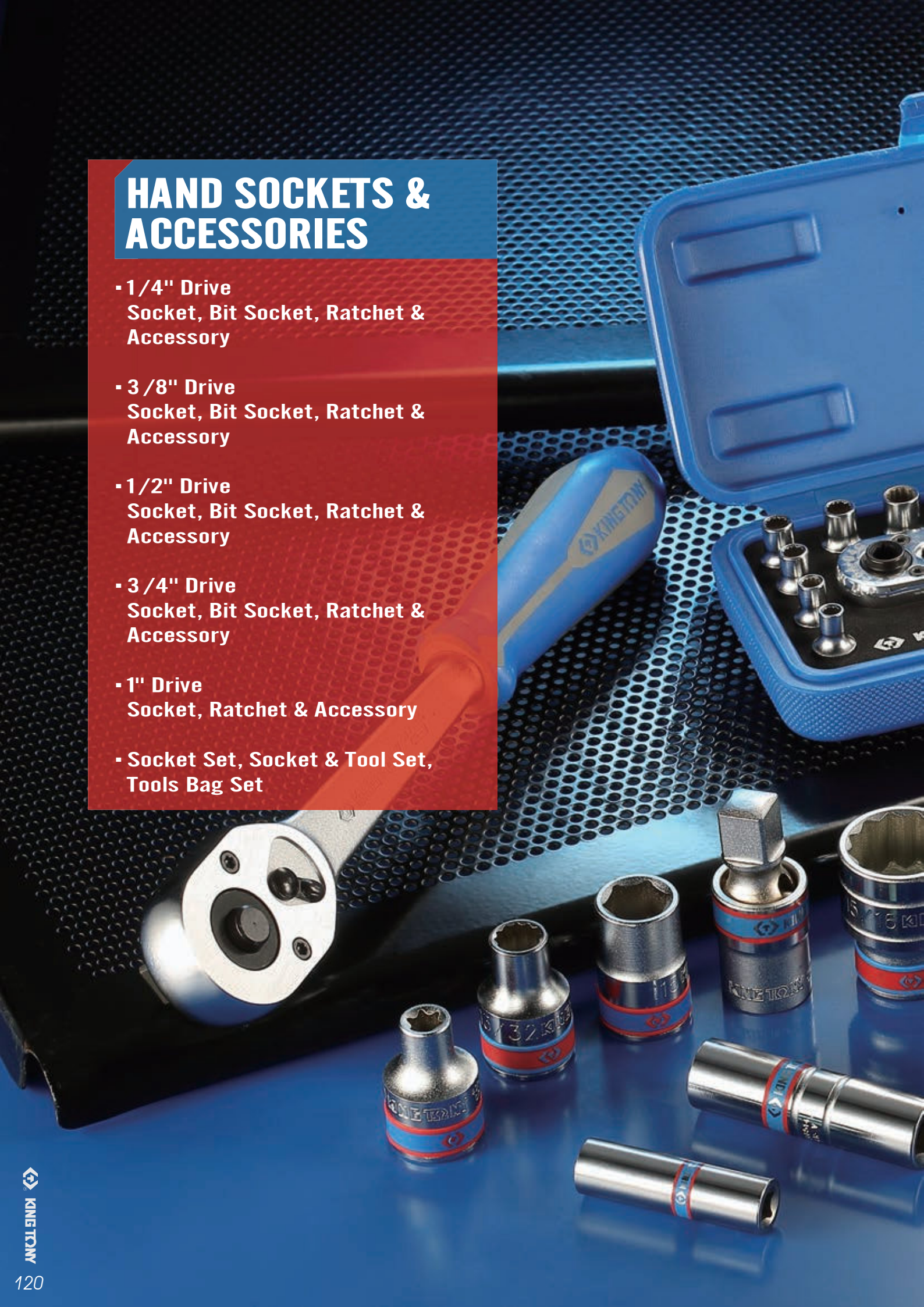
9-1215MR03 Tray category #15 (465 x 183mm)



15 PC.

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


KING TONY
Enjoy your work
KING TONY



HAND SOCKETS & ACCESSORIES

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


KING TONY
2178TG
2221-04
2025MRE01
T40
T45

Socket Made

01 Hot forge



02 Lathing



03 Marking



04 Heat treatment



05 Sand blast



06 Grinding



07 Plating



08 Rubber stripe assembly



Precision forging Technology



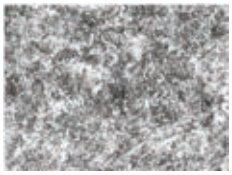
Other brand (not good)



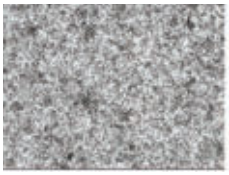
King Tony brand (good)

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

Conventional heat treatment and microstructural



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



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

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

Professional production & quality control

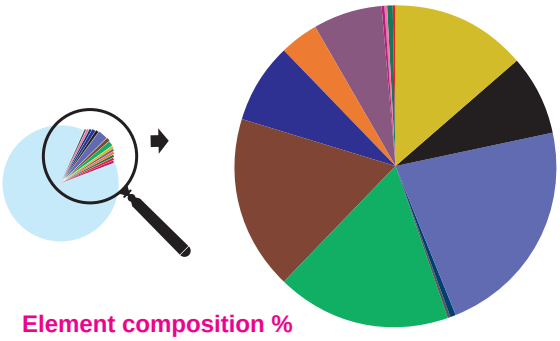




KING TONY hand socket reach 30% higher than DIN international standard.

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

Finest material for tools

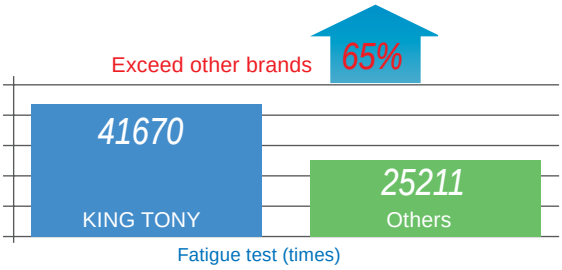


Element composition %

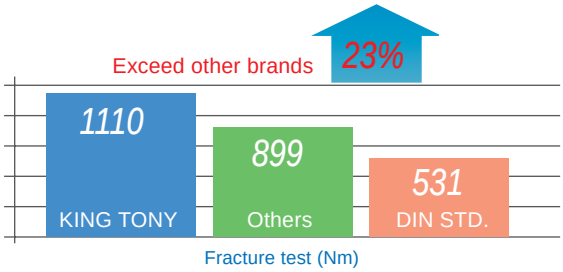
Fe 97.1025%	Mo 0.2325%	P 0.0125%
Mn 0.6485%	Si 0.2301%	S 0.0104%
Ni 0.5089%	Cu 0.1970%	Co 0.0092%
Cr 0.5058%	V 0.1130%	W 0.0088%
C 0.4000%	Al 0.0196%	B 0.0012%

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

Extremely hard-wearing performance



Fatigue test (times)



Fracture test (Nm)

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

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

KING TONY

Standard Socket

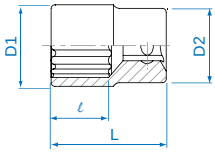
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves



KT No. & D1

2330M 1/4"

▪ DIN 3124, ISO 2725-1

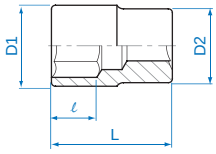




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
233004M	4	6.8	11.8	4	24	10	20 / 600
233045M	4.5	7.4	11.8	5	24	10	20 / 600
233005M	5	8.0	11.8	6	24	11	20 / 600
233055M	5.5	8.7	11.8	6	24	11	20 / 600
233006M	6	9.2	11.8	7	24	11	20 / 600
233007M	7	10.3	11.8	7	24	11	20 / 600
233008M	8	11.4	11.8	8	24	11	20 / 600
233009M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

2335M 1/4"

▪ DIN 3124, ISO 2725-1

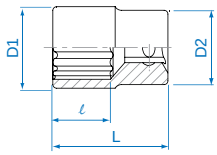




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
233532M	3.2	5.7	11.8	3.5	24	9	20 / 600
233504M	4	6.8	11.8	4	24	10	20 / 600
233545M	4.5	7.4	11.8	5	24	10	20 / 600
233505M	5	8.0	11.8	6	24	11	20 / 600
233555M	5.5	8.7	11.8	6	24	11	20 / 600
233506M	6	9.2	11.8	7	24	11	20 / 600
233507M	7	10.3	11.8	7	24	11	20 / 600
233508M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

2330S 1/4"

▪ ANSI/ASME B107.1

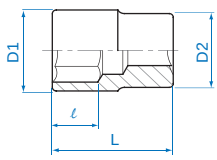




KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
233005S	5/32	6.8	11.8	4	24	10	20 / 600
233006S	3/16	7.9	11.8	6	24	10	20 / 600
233007S	7/32	8.7	11.8	6	24	11	20 / 600
233008S	1/4	9.5	11.8	7	24	11	20 / 600
233009S	9/32	10.3	11.8	7	24	11	20 / 600
233010S	5/16	11.4	11.8	8	24	11	20 / 600
233011S	11/32	13.7	12.2	8	24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

2335S 1/4"

▪ ANSI/ASME B107.1





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

Deep Socket

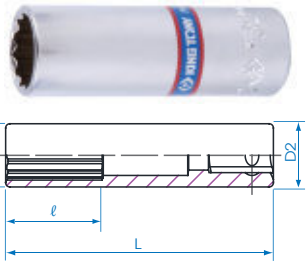
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves



KT No. & D1

2230M 1/4"

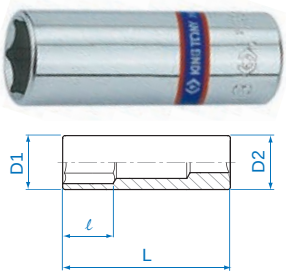
▪ DIN 3124, ISO 2725-1



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

2235M 1/4"

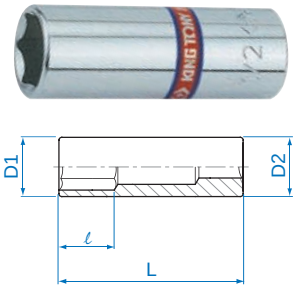
▪ DIN 3124, ISO 2725-1



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

2235S 1/4"

▪ ANSI/ASME B107.1

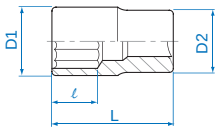


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
223505S	5/32	6.8	11.8	6	50	24	20 / 320
223506S	3/16	7.9	11.8	7	50	24	20 / 320
223507S	7/32	8.7	11.8	9	50	25	20 / 320
223508S	1/4	9.5	11.8	9	50	25	20 / 320
223509S	9/32	10.3	11.8	15	50	25	20 / 320
223510S	5/16	11.8	11.8	15	50	24	20 / 320
223511S	11/32	13.0	13.0	15	50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

Double Square Socket

2310M 1/4"

▪ DIN 3120

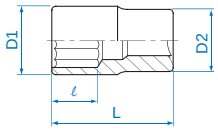




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
231008M	8	14.3	13.0	9	24	14	12 / 360
231010M	10	17.6	16.5	9	24	14	12 / 360

2310S 1/4"

▪ ANSI/ASME B107.1





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

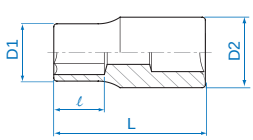
Star Socket

- Chrome vanadium steel
- Polished, chrome plated

KT No. & D1

2375M 1/4"

- DIN 3120

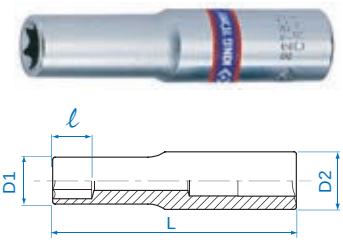




KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
237504M	E4	6.0	11.8	3.6	24	13	20 / 600
237505M	E5	7.0	11.8	4.0	24	13	20 / 600
237506M	E6	8.0	11.8	6.0	24	13	20 / 600
237507M	E7	8.5	11.8	7.0	24	13	20 / 600
237508M	E8	9.8	11.8	8.0	24	13	20 / 600
237510M	E10	11.8	11.8	9.0	24	13	20 / 600

2275M 1/4"

- DIN 3120



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

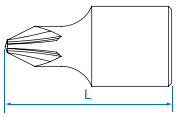
Bit Socket

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

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

2011X 1/4"

- Phillips head
- DIN ISO 8764-1

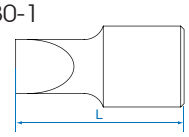




KT NO.	No.	L mm		
201101X	PH1	25	9	20 / 600
201102X	PH2	25	10	20 / 600
201103X	PH3	25	10	20 / 600
201104X	PH4	25	12	20 / 600

2012X 1/4"

- Slotted head
- DIN ISO 2380-1

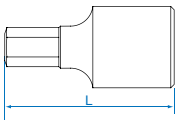




KT NO.	Tip width mm	Tip thickness mm	L mm		
201235X	3.5	0.6	25	8	20 / 600
201255X	5.5	1	25	9	20 / 600
201208X	8	1.2	25	10	20 / 600

2015X 1/4"

- Hexagon head
- DIN ISO 2380-1

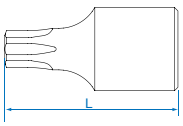




KT NO.	mm	L mm		
201503MX	H3	25	8	20 / 600
201504MX	H4	25	9	20 / 600
201505MX	H5	25	10	20 / 600
201506MX	H6	25	10	20 / 600
201508MX	H8	25	12	20 / 600
201510MX	H10	25	12	20 / 600
201504SX	1/8	25	8	20 / 600
201506SX	3/16	25	9	20 / 600
201507SX	7/32	25	10	20 / 600
201508SX	1/4	25	10	20 / 600
201510SX	5/16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

2013X 1/4"

- For torx internal screw





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

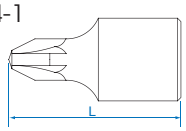
Bit Socket

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

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

2018X 1/4"

- Pozidriv head
- DIN ISO 8764-1




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

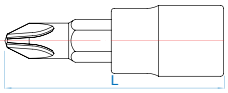
Bit Socket

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

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

2031 1/4"

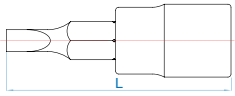
- Phillips head
- DIN ISO 8764-1




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

2032 1/4"

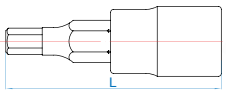
- Slotted head
- DIN ISO 8764-1




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

2035 1/4"

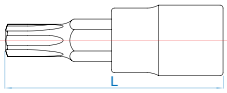
- Hexagon head
- DIN 7422/3120




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

2033 1/4"

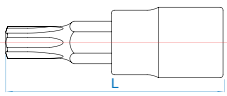
- For torx internal screw
- DIN 3120




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

2037 1/4"

- For tamper resistant torx screw
- DIN 3120




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

Ratchet

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

KT No. & D1

2725

FINE GEAR 1/4"

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

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



2725DK



2725-55G

2725-55F

2755

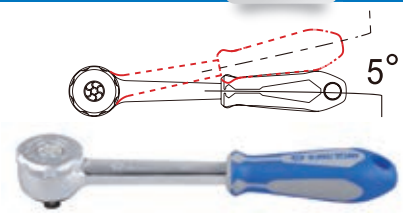
FINE GEAR 1/4"

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

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



2755DK



2756

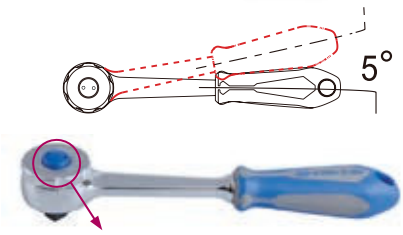
FINE GEAR 1/4"

- Quick release reversible ratchet
- 5° gear action degree (72 teeth)
- DIN3122

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



2756DK



2752

FINE GEAR 1/4"

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

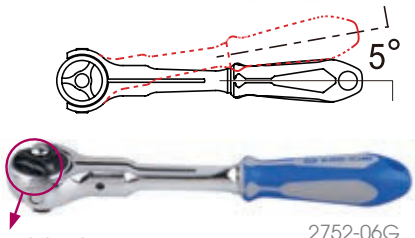




KT NO.	Overall length inch	mm	g	
2752-06G	6	150	127	6 / 108
2752DK	renewal kits		-	-



2752DK



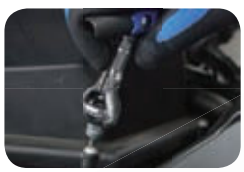
2752-06G

2752-45G

FINE GEAR 1/4"

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

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









Ratchet

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

KT No. & D1



2761 — 1/4"

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

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





2761DK



2761-55F



2761-55P

2769 — 1/4"

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

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



2769DK



2769-55F



2769-55P

2771 — 1/4"

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

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





2771DK



2771-55F



2771-55G

2779 — 1/4"

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

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



2779DK



2779-55F



2779-55G

2781 — 1/4"

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

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





2781DK



2781-06F



2781-06P

Ratchet

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

KT No. & D1



2789 1/4"

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

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



2789DK



2789-06F



2789-06P

2760 MINI RATCHET 1/4"

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

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



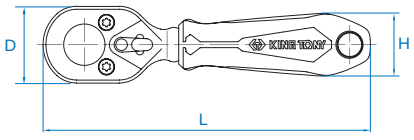
2760DK

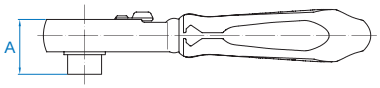


2760-04

2765 276A FINE GEAR MINI RATCHET 1/4"

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





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



2765DK



2765-04G



276ADK



276A-04G



magnet

2765-04G (top, side, back)



magnet

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

Mini Ratchet Set

1001MR 1/4"

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

10 PC.

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



2501MR 1/4"

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

21 PC.

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



2515MR 1/4"

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

15 PC.

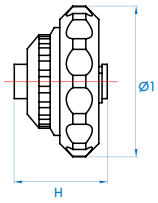
Contents	0.26	6 / 36
2335M	5, 5.5, 6, 7, 8	
1025P	PH1, PH2	
1025T	T10, T15, T20	
1025H	H3, H4, H5, H6	
276A-04G		



Accessory

2745 1/4"

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







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

Accessory

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



KT No. & D1

2221 1/4"

- Extension bar
- DIN 3122



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

2223 1/4"

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



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



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

2293 1/4"

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





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

Accessory

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

2311 1/4"

- Flexible extension bar

KT No. & D1



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

2312 1/4"

- Flexible extension bar

KT No. & D1



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

2792 1/4"

- Universal joint
- DIN 3123



KT No. & D1

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

2813 1/4"

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



KT No. & D1

3/8" drive (M) ← 1/4" drive (F)

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

213312DF 1/4"

- Screwdriver driver
- DIN 3126

KT No. & D1



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

2177DF 1/4"

- Spinner handle
- DIN 3122

KT No. & D1



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

2178AE 2178DF 1/4"

- Spinner handle
- DIN 3122



KT No. & D1

2178AE (Polycarbonates)

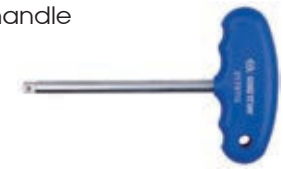


2178DF (PP + TPR)

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

2178TG 1/4"

- Spinner handle
- DIN 3122



KT No. & D1

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

2452 1/4"

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

KT No. & D1



2452DK



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

2453 1/4"

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

KT No. & D1



2452DK



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

Accessory

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

2571 1/4"

- Sliding T-handle
- DIN 3122

KT No. & D1

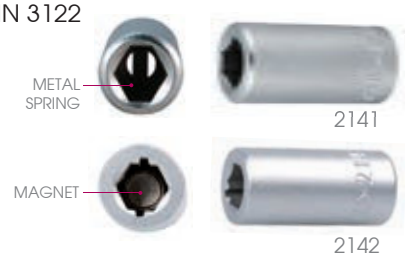


KT NO.	Overall length inch	Overall length mm	g	
2571-45	4-1/2	115	41	12 / 192

2141 2142 1/4"

- Bit holder
- DIN 3122

KT No. & D1



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

Socket Rail Set

2509MR 1/4"

- Socket rail 150mmL



Contents kg 0.17 50

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

2509SR 1/4"

- Socket rail 150mmL



Contents kg 0.17 50

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

2127PR 1/4"

- Socket rail 130mmL



Contents kg 0.15 50

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

2109PR 1/4"

- Socket rail 150mmL



Contents kg 0.12 50

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

2107PR 1/4"

- Socket rail 130mmL



Contents kg 0.12 50

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

2119PR 1/4"

- Socket rail 150mmL



Contents kg 0.12 50

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

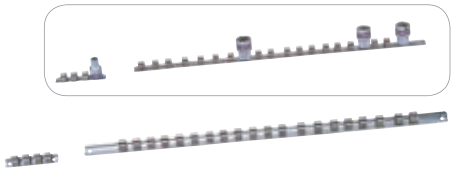
Socket Rail

872 1/4"

- Rail length from 160 mm to 560 mm

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

Customer Selected



Extension Bar Set

2104PR 1/4"

4 PC.



Contents — 0.17 kg — 1 / 80

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

2113PR 1/4"

- Extension bar
- DIN 3122

3 PC.



Contents — 0.21 kg — 35

	2221	3", 6", 10"

Socket Set

2510SR 1/4"

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

10 PC.



Contents — 0.62 kg — 1 / 30

	2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2

2511MR 1/4"

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

11 PC.



Contents — 0.67 kg — 1 / 30

	2235M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13

Socket Set

2516MR | 2516SR | 1/4"

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

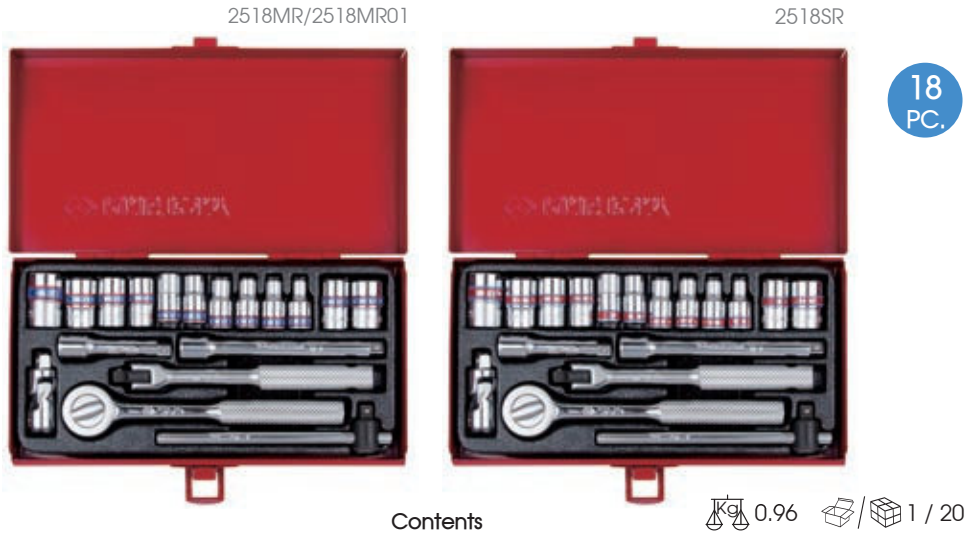


16 PC.

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

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

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



18 PC.

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

Socket Set

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

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

2019MR/2519MR



2019SR/2519SR



18 PC.

KT NO. | Contents | 0.92 | 1 / 20

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

2021MR | 2521MR 1/4"

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



19 PC.

KT NO. | Contents | 0.87 | 1 / 20

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

Socket Set

2025MRE01 1/4"

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

26 PC.



Contents — 0.6 kg — 1 / 20

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

2525MRE 1/4"

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

25 PC.



Contents — 0.56 kg — 1 / 20

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

2526MR

2526SR 1/4"

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

26 PC.

2526MR 2526SR



KT NO. — Contents — 1.30 kg — 1 / 18

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

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

Socket Set

2526CR 1/4"

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



26 PC.

1.30 | 1 / 10

KT NO.		Contents
2526CR	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
	2335S	1/4, 3/8, 1/2
	2033	T20, T25, T30, T40

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

2030CR 2530CR 1/4"

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



30 PC.

1.30 | 1 / 18

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

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

Socket Set

2031MR 2531MR 1/4"

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

2539MR 1/4"

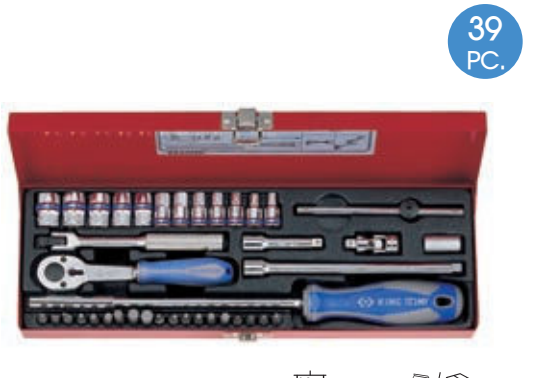
Metal case size (mm):
280 x 130 x 41 (0.053 cuft)



Contents			1.52	1 / 15
○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		
✪	2375	E4, E5, E6, E7, E8		
⬟	2033	T8, T9, T10, T15, T20, T25, T27, T30, T40		
⬢	2035	H3, H4, H5, H6, H7, H8, H10		
2779-55G		2178AE		
2571-45		2221-02 2221-04	2792	

2540MR 1/4"

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



Contents			1.36	1 / 12
○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13		
⊖	1025S	4, 5.5, 7		
⊕	1025P	PH0, PH1, PH2, PH3		
⬢	1025H	H3, H4, H5, H6, H7, H8		
⬟	1025T	T10, T15, T20, T25, T30, T40		
2779-55G		213312DF	2792 2141	
2571-45		2452-05F	2221-02 2221-06	

Socket Set

2044SRV

2544SRV

EVA Tray #10 1/4"

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



44 PC.

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

2048MRV

2548MRV

EVA Tray #10 1/4"

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



48 PC.

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

Socket Set

2550MRV

EVA Tray #8 1/4"

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

Contents			2.2	1 / 6
	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
	2375M	4, 5, 6, 7, 8		
	2031	PH1, PH2, PH3, PH4		
	2032	4, 5.5, 6.5, 8, 10		
	2033	T8, T9, T10, T15, T20, T25, T27, T30, T40		
	2035	H3, H4, H5, H6, H7, H8, H10		
	2771-55G		2178DF	
	2792		2571-45	
	2293-04 2293-06		2221-02	



50 PC.

2553MRV

EVA Tray #10 1/4"

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

Contents			1.67	1 / 10
	2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
	1025H	H3, H4, H5, H6, H7, H8, H10		
	1025S	3, 4.5, 5, 6.5, 8		
	1025P	PH0, PH1, PH2, PH3		
	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H		
	1025Z	PZ1, PZ2, PZ3		
	1025T	T10, T15, T20, T25, T27, T30, T40		
	7702-25		2792	2813
	276A-04G		213312DF	
	2223-02 2223-04		2745	



53 PC.

2565MRV new

1/4"

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

Contents			2.67	1 / 6
	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
	2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
	2375M	E4, E5, E6, E7, E8		
	2013X	T8, T9, T10, T15, T20, T25, T27, T30, T40		
	2015X	3, 4, 5, 6, 8		
	2018X	PZ1, PZ2		
	2011X	PH1, PH2		
	2012X	3.5, 5.5, 8		
	1025T	T6, T7		
	1025M	M4, M5, M6, M8, M10		
2792	2813	276A-04G	2221-02 2221-04 2221-06	



65 PC.

Socket Set

2551MR

2551MR01 1/4"

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





51 PC.

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

2575MR 1/4"

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

45 PC.



Contents		Kg 1.24 / 1 / 18
2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
1025S	4, 6.5, 7, 8	
1025P	PH1, PH2, PH3	
1025H	H2.5, H3, H4, H5, H6, H7, H8, H10	
1025U	T8H, T9H, T10H, T15H, T20H, T25H, T27H,T30H, T40H	
1025Z	PZ1, PZ2, PZ3	
2755-55G	2223-02	2792
2311-06	2178AE	2142

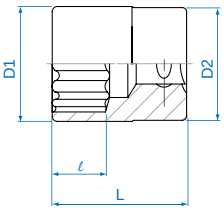
Standard Socket

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

KT No. & D1

3330M 3/8"

▪ DIN 3124, ISO 2725-1

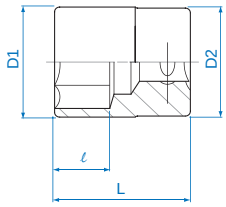




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
333006M	6	9.9	17.8	7.0	27	24	12 / 360
333007M	7	10.8	17.8	7.0	27	24	12 / 360
333008M	8	12.0	17.8	7.0	27	25	12 / 360
333009M	9	13.2	17.8	7.0	27	25	12 / 360
333010M	10	14.5	17.8	9.0	27	26	12 / 360
333011M	11	15.8	17.8	9.0	27	27	12 / 360
333012M	12	16.8	17.8	9.0	27	27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

3335M 3/8"

▪ DIN 3124, ISO 2725-1

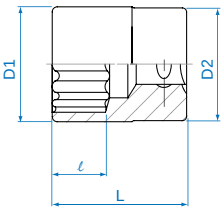




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
333506M	6	9.9	17.8	7.0	27	25	12 / 360
333507M	7	10.8	17.8	7.0	27	24	12 / 360
333508M	8	12.0	17.8	7.0	27	25	12 / 360
333509M	9	13.2	17.8	7.0	27	25	12 / 360
333510M	10	14.5	17.8	9.0	27	27	12 / 360
333511M	11	15.8	17.8	9.0	27	28	12 / 360
333512M	12	16.8	17.8	9.0	27	28	12 / 360
333513M	13	17.8	16.8	9.0	27	31	12 / 360
333514M	14	19.7	18.0	11.0	29	34	10 / 300
333515M	15	20.8	18.0	11.0	29	47	10 / 300
333516M	16	21.8	20.0	11.0	29	45	10 / 300
333517M	17	23.8	20.0	11.0	29	53	10 / 200
333518M	18	24.7	21.0	13.0	29	58	10 / 200
333519M	19	25.8	21.0	13.0	29	64	10 / 200
333520M	20	27.1	25.0	13.0	32	73	10 / 160
333521M	21	27.8	25.0	13.0	32	82	10 / 160
333522M	22	29.7	26.0	15.0	32	87	10 / 160
333523M	23	29.7	26.0	15.0	32	80	10 / 160
333524M	24	31.8	26.0	17.0	32	78	8 / 160

3330S 3/8"

▪ ANSI/ASME B107.1

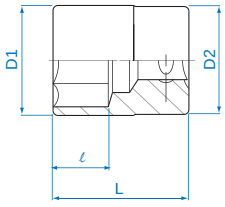




KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
333008S	1/4	10.0	17.8	7.0	27	25	12 / 360
333010S	5/16	12.0	17.8	7.0	27	22	12 / 360
333011S	11/32	13.2	17.8	7.0	27	25	12 / 360
333012S	3/8	14.0	17.8	9.0	27	26	12 / 360
333014S	7/16	15.8	17.8	9.0	27	27	12 / 360
333015S	15/32	16.8	17.8	9.0	27	25	12 / 360
333016S	1/2	17.8	16.8	9.0	27	30	12 / 360
333018S	9/16	19.7	18.0	11.0	29	33	10 / 300
333019S	19/32	20.8	18.0	11.0	29	41	10 / 300
333020S	5/8	21.8	20.0	11.0	29	43	10 / 300
333022S	11/16	23.8	20.0	11.0	29	52	10 / 200
333024S	3/4	25.8	21.0	13.0	29	62	10 / 200
333026S	13/16	27.8	25.0	13.0	32	77	10 / 160
333028S	7/8	29.7	26.0	15.0	32	87	10 / 160
333030S	15/16	31.8	26.0	17.0	34	83.7	8 / 160
333032S	1	33.8	26.0	17.0	34	100	8 / 160

3335S 3/8"

▪ ANSI/ASME B107.1





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
333508S	1/4	10.0	17.8	7.0	27	25	12 / 360
333510S	5/16	12.0	17.8	7.0	27	22	12 / 360
333511S	11/32	13.2	17.8	7.0	27	25	12 / 360
333512S	3/8	14.0	17.8	9.0	27	26	12 / 360
333514S	7/16	15.8	17.8	9.0	27	27	12 / 360
333515S	15/32	16.8	17.8	9.0	27	25	12 / 360
333516S	1/2	17.8	16.8	9.0	27	30	12 / 360
333518S	9/16	19.7	18.0	11.0	29	33	10 / 300
333519S	19/32	20.8	18.0	11.0	29	41	10 / 300
333520S	5/8	21.8	20.0	11.0	29	43	10 / 300
333522S	11/16	23.8	20.0	11.0	29	52	10 / 200
333524S	3/4	25.7	21.0	13.0	29	62	10 / 200
333526S	13/16	27.8	25.0	13.0	32	77	10 / 160
333528S	7/8	29.6	26.0	15.0	32	87	10 / 160
333530S	15/16	31.8	26.0	17.0	34	80	8 / 160
333532S	1	33.8	26.0	17.0	34	100	8 / 160

Deep Socket

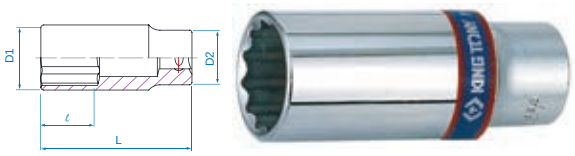
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1



3230M — 3/8"

- DIN 3124, ISO 2725-1



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

3235M — 3/8"

- DIN 3124, ISO 2725-1



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

3230S — 3/8"

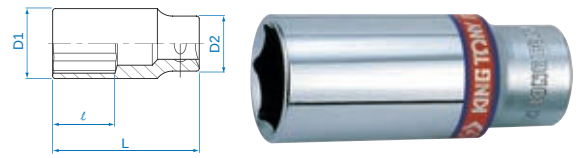
- ANSI/ASME B107.1



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

3235S — 3/8"

- ANSI/ASME B107.1



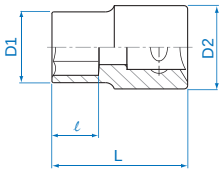
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
323508S	1/4	10.0	16.8	10.0	63	50	20 /320
323510S	5/16	12.0	17.8	12.0	63	52	18 / 288
323512S	3/8	14.0	17.8	12.0	63	60	15 / 240
323514S	7/16	15.8	17.8	15.0	63	68	15 / 240
323516S	1/2	17.8	16.8	15.0	63	68	15 / 240
323518S	9/16	19.7	18.0	16.0	63	72	12 / 192
323520S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

Star Socket

KT No. & D1

3375M — 3/8"

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



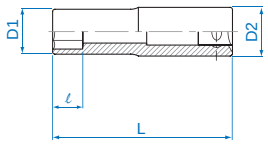


KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	g	
337504M	E4	6.0	16.8	3.6	28	18	12 / 360
337505M	E5	7.0	16.8	4.0	28	19	12 / 360
337506M	E6	8.0	16.8	5.0	28	20	12 / 360
337507M	E7	8.9	16.8	6.0	28	21	12 / 360
337508M	E8	10.0	16.8	6.5	28	21	12 / 360
337510M	E10	12.0	16.8	7.0	28	22	12 / 360
337511M	E11	12.8	16.8	8.0	28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

3275M — 3/8"

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





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

Thin Wall Deep Socket

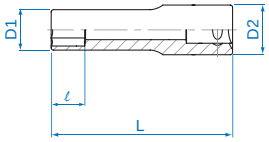
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves

KT No. & D1



3215M — 3/8"

- Specifically for heat plug, glow plug





Thin walled design (D1)

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

Spark Plug Socket

KT No. & D1

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

3670 new **3675** new 3/8"

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



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



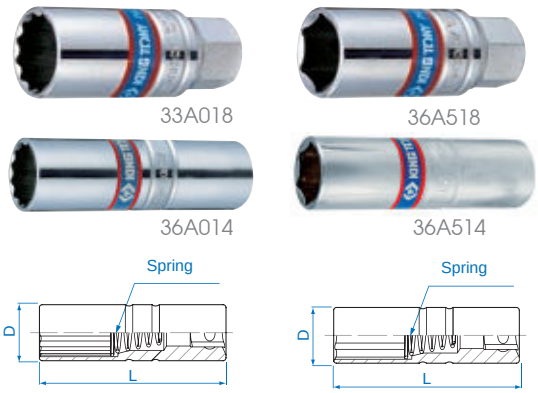
36A0 **36A5** 3/8"

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



Spring

KT NO.	Type	Size mm	D mm	L mm		
36A014	12 points	14.0	18.5	63	65	12 / 192
36A018	12 points	18.0	23.8	63	98	8 / 128
36A514	6 points	14.0	18.5	63	69	12 / 192
36A518	6 points	18.0	23.8	63	98	8 / 128



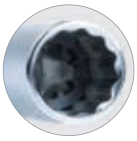
Spark Plug Socket

KT No. & D1

36B5 — 3/8"

36B0 — 36C0 — 36D0 — 3/8"

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


rubber

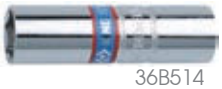

36B014

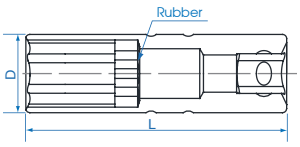

36C014


36B018


36D014


Rubber


36B514



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

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

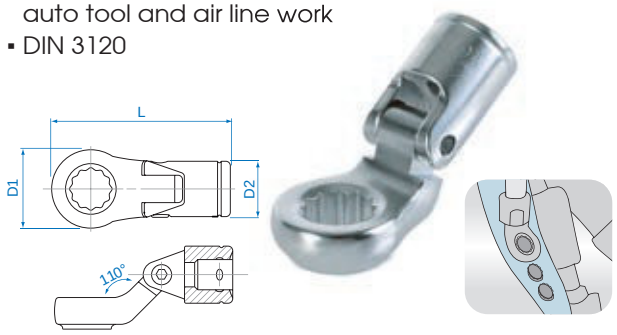
Flexible Ring Socket Wrench & Set

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

KT No. & D1

3350M — 3/8"

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



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

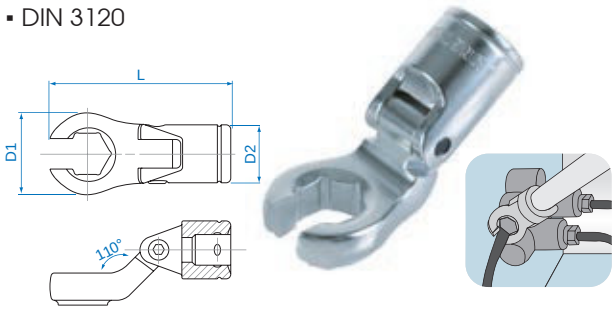
Flexible Crowfoot Socket Wrench & Set

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

KT No. & D1

3351M — 3/8"

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



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

3602MR — 3/8"

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

12 PC.



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

3612MR — 3/8"

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

12 PC.



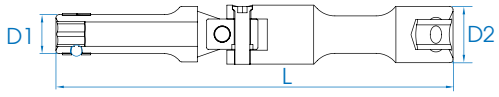
Contents	kg 1.89	1 / 10
3351M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

Glow Plug Socket & Set

3785M — 3/8"

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





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

3716MR — 3/8"

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

6 PC.



Contents — 1.23 kg — 1 / 10

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

Universal Socket

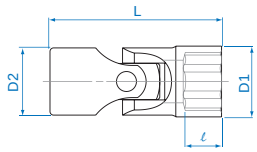
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves



KT No. & D1

3750M — 3750S — 3/8"

- DIN 3120





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

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

Bit Socket

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

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

3021 — 3/8"

- Phillips head
- DIN ISO 8764-1



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

3022 — 3/8"

- Slotted head
- DIN ISO 8764-1



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

Bit Socket

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



KT No. & D1

CAUTION

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

3025 — 3/8"

- Hexagon head
- DIN 7422/3120



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

3023 — 3/8"

- For torx internal screw
- DIN 3120



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

3027 — 3/8"

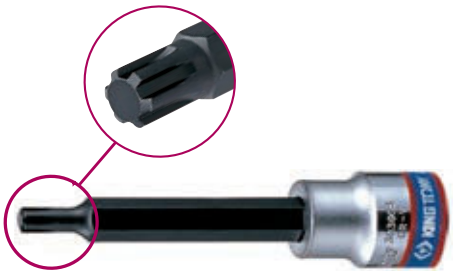
- For tamper resistant torx screw
- DIN 3120



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

3039 — 3/8"

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



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

302D — 3/8"

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



KT NO.	mm	Overall length mm		
302D08	IPR8	50	33	20 / 400
302D09	IPR9	50	33	20 / 400
302D10	IPR10	50	34	20 / 400
302D15	IPR15	50	34	20 / 400
302D20	IPR20	50	34	20 / 400
302D25	IPR25	50	34	20 / 400
302D27	IPR27	50	34	20 / 400
302D30	IPR30	50	34	20 / 400
302D40	IPR40	50	38	20 / 400
302D45	IPR45	50	38	20 / 400
302D50	IPR50	50	40	20 / 400
302D55	IPR55	50	47	15 / 300
302D60	IPR60	50	51	12 / 240

Ratchet

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



KT No. & D1

3725

FINE GEAR 3/8"

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

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



3725DK



3725-08F

3725-08G

3755

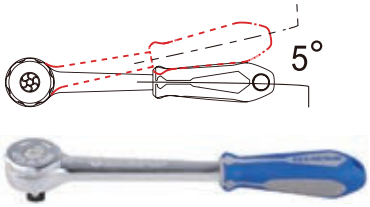
FINE GEAR 3/8"

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

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



3755DK



3755-08G

3756

FINE GEAR 3/8"

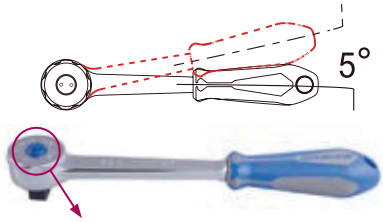
- Quick release reversible ratchet
- 5° gear action degree (72 teeth)
- DIN 3122

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





3756DK



quick release

3752

FINE GEAR 3/8"

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

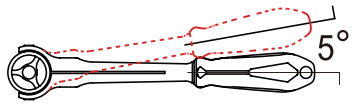




KT NO.	Overall length inch	mm	g	
3752-09P	9	235	409	2 / 32
3752-09G	9	235	378	2 / 32
3752DK	renewal kits		-	-



3752DK





3752-09P



quick release

3752-09G

3760

MINI RATCHET FINE GEAR 3/8"

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

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



3760DK



3760-45

Ratchet

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

KT No. & D1



3761

FINE GEAR 3/8"

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

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





3761DK



3761-08F



3761-08P

3769

3/8"

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

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



3769DK



3769-08F



3769-08P

3771

3/8"

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

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





3771DK



3771-08F



3771-08G

3779

3/8"

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

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



3779DK



3779-08F



3779-08G

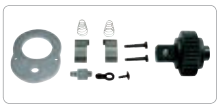
3781

3/8"

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

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





3781DK



3781-11F



3781-11P

Ratchet

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



KT No. & D1

3789 — 3/8"

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

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



3789DK



3789-11F

3789-11P

Accessory

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



KT No. & D1

3221 — 3/8"

- Extension bar
- DIN 3123

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



3223 — 3/8"

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

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

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



3293 — 3/8"

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

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





1.offset extension bar

or

2.extension bar

Accessory

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

3311 — 3/8"

- Flexible extension bar
- DIN 3120

KT No. & D1

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



3452 — 3/8"

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

KT No. & D1

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



3452DK



3452-08F
3452-10F



3452-08G
3452-10G

3571 — 3/8"

- Sliding T-handle
- DIN3122

KT No. & D1

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



3792 — 3/8"

- Universal joint
- DIN3123

KT No. & D1

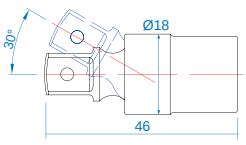
KT NO.	Overall length inch	Overall length mm	g	pcs / box
3792	2	50	67	15 / 300



3794 — 3/8"

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

KT No. & D1





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

Accessory

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

KT No. & D1

3812 3814 3/8"

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

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



3812 / 3814

3148 3/8"

- Bit holder
- DIN 3120 / 3126

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



Socket Rail Set

3013MR 3013SR 3513MR 3/8"

- Socket rail 290mmL

13 PC.



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

Socket Rail Set

3508MR10 3/8"

- Socket rail 210mmL



8 PC.

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

3106PR 3/8"

- Socket rail 150mmL



6 PC.

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

3116PR 3/8"

- Socket rail 150mmL



6 PC.

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

3121PR 3/8"

- Socket rail 290 mmL



11 PC.

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

3129PR new 3/8"

- Socket rail 210 mmL



9 PC.

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

3105PR 3/8"

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



5 PC.

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

3108PR8 3/8"

- Socket rail 210mmL



8 PC.

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

Socket Rail Set

3118PR 3/8"

- Socket rail 210mmL



8 PC.

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

3109PR8 3/8"

- Socket rail 210mmL



9 PC.

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

3119PR8 3/8"

- Socket rail 210mmL



9 PC.

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

3131PR8 3/8"

- Socket rail 210mmL



11 PC.

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

3109PR8 / 3119PR8 / 3149PR8 / 3131PR8

Packing



3146PR 3/8"

- Socket rail 150mmL



6 PC.

Contents	0.36 kg	50
302D	IPR10, IPR15, IPR20, IPR25, IPR27, IPR30	
8730606		

3149PR8 3/8"

- Socket rail 210mmL



9 PC.

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

Socket Set

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

3007MR01 3/8"



5 PC.

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

Extension Bar Set

3113PR 3/8"

3 PC.



Contents — 0.5 kg — 35

	3221	3", 6", 10"

3103PR 3/8"

3 PC.



Contents — 0.4 kg — 35

	3223	3", 6", 10"

Socket Rail

873 3/8"

- Rail length from 160 mm to 560 mm



- Customer Selected



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

Socket Set

3508MR 3/8"

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

8 PC.



Contents — 1.0 kg — 1 / 20

	3235M	10, 11, 12, 13, 14, 16, 17, 19

3508SR 3/8"

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

8 PC.



Contents — 1.0 kg — 1 / 20

	3235S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16

Socket Set

3020MR | 3020SR | 3020MR02 3/8" | 3020SR02 | 3520MR | 3520MR02 3/8"

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



3020MR / 3520MR



3020MR02 / 3520MR02

20 PC.



3020SR



3020SR02

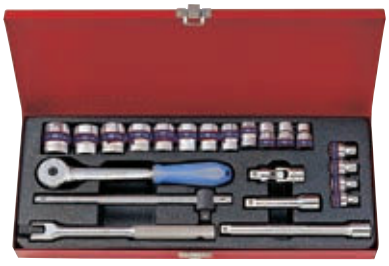
KT NO.		Contents					
3020MR	3330M: 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 22	363021	3769-08F	3452-08F	3221-03 3221-06 3571-08 3792	2.5	1 / 6
3020MR02			3779-08F	3452-08G		2.8	
3020SR	3330S: 1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 11/16, 3/4, 13/16, 7/8		3769-08F	3452-08F		2.5	
3020SR02			3779-08F	3452-08G		2.8	
3520MR	3335M: 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21, 23	363521	3769-08F	3452-08F		2.5	
3520MR02			3779-08F	3452-08G		2.8	

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

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



3023MR / 3523MR



3023MR04 / 3523MR04

22 PC.

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

Socket Set

3523MRV10

EVA Tray #10 3/8"

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

Contents

2.43 kg | 1 / 10

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



23 PC.

3024MR

3024SR

3524MR 3/8"

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



3024MR/3524MR



3024SR

24 PC.

KT NO. Contents

2.2 kg | 1 / 10

KT NO.			Contents	
3024MR	○ 3330M	6, 7, 8, 9, 10, 11, 13, 14, 17, 19	⊕ 3021 PH2,PH3	⊖ 3022 5,8
3524MR	○ 3335M		⬢ 3025 H3, H4, H5, H6, H7, H8, H10	
3024SR	○ 3330S	1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	3779-08G	3221-06 3792

Socket Set

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

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



3027MR/3527MR



3027SR

26 PC.

KT NO.		Contents			
				Kg 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			3221-03	3792
3027SR	○ 3330S	1/4, 5/16, 11/32, 3/8, 7/16,15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16			
	○ 3235S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16			

3034MR | 3534MR 3/8"

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

36 PC.



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

Socket Set

3036CR 3/8"

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



36 PC.

Contents

3.27 1 / 6

○ 3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22	3769-08F, 3452-08F, 3221-03, 3221-06, 3571-08, 3792
○ 3330S	1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8	

3537MR 3/8"

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



39 PC.

Contents

3.17 1 / 6

✪ 3023	T8, T9, T10, T15, T20, T25, T27, T30, T40, T45	3779-08G, 3221-03, 3221-06, 3792, 3452-10F, 3571-08
○ 3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19	
✪ 3375M	E4, E5, E6, E7, E8, E10, E12, E14, E16, E18	

Socket Set

3050MR 3/8"

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



50 PC.

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

3568MR 3/8"

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



268 PC.

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

KT NO.	Spec.	kg	Cuft
3568MR-A	87102	6.85	0.67
3568MR-D	268 PC. socket content	16.93	0.38

Standard Socket

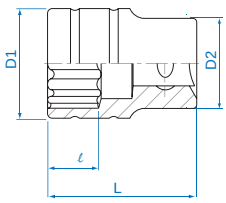
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves



KT No. & D1

4330MR 1/2"

▪ DIN 3124, ISO 2725-1

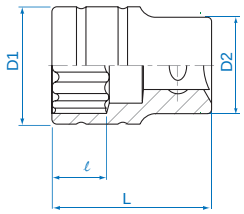




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
433008MR	8	13.2	23.3	7.0	38	57	10 / 200
433009MR	9	14.0	23.3	7.0	38	60	10 / 200
433010MR	10	15.0	23.3	8.0	38	58	10 / 200
433011MR	11	16.4	23.3	8.0	38	58	10 / 200
433012MR	12	17.8	23.3	9.0	38	60	10 / 200
433013MR	13	19.0	23.3	10.0	38	60	10 / 200
433014MR	14	20.4	23.3	11.0	38	61	10 / 200
433015MR	15	21.6	23.3	11.0	38	62	10 / 200
433016MR	16	22.5	23.3	11.0	38	63	10 / 200
433017MR	17	24.0	23.2	12.0	38	66	10 / 200
433018MR	18	25.2	23.2	13.0	38	66	10 / 200
433019MR	19	27.0	23.2	13.0	38	73	10 / 160
433020MR	20	27.9	23.2	13.0	38	86	10 / 160
433021MR	21	28.9	23.2	14.0	38	97	10 / 160
433022MR	22	30.2	24.0	15.0	40	99	10 / 160
433023MR	23	31.2	25.0	15.0	40	99	8 / 160
433024MR	24	32.1	26.0	17.0	42	113	8 / 160
433025MR	25	33.4	27.0	17.0	42	125	8 / 160
433026MR	26	35.0	28.0	17.0	42	130	6 / 120
433027MR	27	36.6	28.0	19.0	42	135	6 / 120
433028MR	28	37.8	30.0	20.0	42	151	6 / 120
433029MR	29	39.0	30.0	21.0	44	169	6 / 120
433030MR	30	40.0	29.5	21.0	44	169	6 / 120
433032MR	32	42.5	30.0	23.0	44	173	6 / 120
433033MR	33	43.0	30.0	24.0	46	217	6 / 96
433034MR	34	45.0	30.0	24.0	46	231	6 / 96
433036MR	36	47.0	33.0	24.0	46	238	6 / 96

4330SR 1/2"

▪ ANSI/ASME B107.1





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
433010SR	5/16	13.2	21.8	7.0	38	55	10 / 200
433012SR	3/8	15.0	21.8	7.0	38	59	10 / 200
433013SR	13/32	15.0	23.3	7.0	38	58	10 / 200
433014SR	7/16	16.4	23.3	8.0	38	60	10 / 200
433015SR	15/32	18.0	23.3	8.0	38	62	10 / 200
433016SR	1/2	19.0	23.3	10.0	38	62	10 / 200
433018SR	9/16	20.4	23.3	11.0	38	62	10 / 200
433019SR	19/32	21.6	23.3	11.0	38	64	10 / 200
433020SR	5/8	22.5	23.3	11.0	38	62	10 / 200
433022SR	11/16	24.0	23.2	12.0	38	70	10 / 200
433024SR	3/4	27.0	23.2	13.0	38	83	10 / 160
433025SR	25/32	28.0	23.2	13.0	38	85	10 / 160
433026SR	13/16	28.6	23.2	13.0	38	95	10 / 160
433028SR	7/8	30.2	24.0	15.0	40	102	10 / 160
433030SR	15/16	32.6	26.0	17.0	42	112	8 / 160
433032SR	1	34.8	26.8	17.0	42	130	8 / 160
433034SR	1-1/16	36.6	28.0	19.0	42	135	6 / 120
433036SR	1-1/8	39.0	30.0	21.0	44	160	6 / 120
433038SR	1-3/16	40.0	29.5	21.0	44	169	6 / 120
433040SR	1-1/4	42.5	30.0	23.0	44	173	6 / 120
433044SR	1-3/8	46.0	33.0	24.0	46	248	6 / 96

Standard Socket

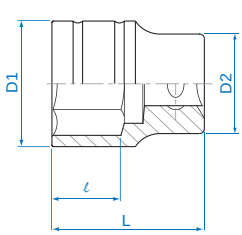
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves



KT No. & D1

4335MR 1/2"

▪ DIN 3124, ISO 2725-1

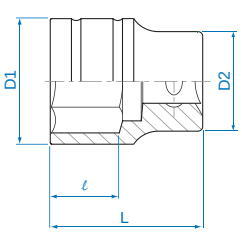




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
433506MR	6	12.0	23.3	7.0	38	53	10 / 200
433507MR	7	12.6	23.3	7.0	38	52	10 / 200
433508MR	8	13.2	23.3	7.0	38	61	10 / 200
433509MR	9	14.0	23.3	7.0	38	59	10 / 200
433510MR	10	15.0	23.3	8.0	38	60	10 / 200
433511MR	11	16.4	23.3	8.0	38	60	10 / 200
433512MR	12	17.8	23.3	9.0	38	61	10 / 200
433513MR	13	19.0	23.3	10.0	38	63	10 / 200
433514MR	14	20.4	23.3	11.0	38	63	10 / 200
433515MR	15	21.6	23.3	11.0	38	66	10 / 200
433516MR	16	22.5	23.3	11.0	38	64	10 / 200
433517MR	17	24.0	23.2	12.0	38	68	10 / 200
433518MR	18	25.2	23.2	13.0	38	75	10 / 200
433519MR	19	27.0	23.2	13.0	38	86	10 / 160
433520MR	20	27.9	23.2	13.0	38	95	10 / 160
433521MR	21	28.9	23.2	14.0	38	97	10 / 160
433522MR	22	30.2	24.0	15.0	40	105	10 / 160
433523MR	23	31.2	25.0	15.0	40	118	8 / 160
433524MR	24	32.1	26.0	17.0	42	138	8 / 160
433525MR	25	33.4	27.0	17.0	42	141	8 / 160
433526MR	26	35.0	28.0	17.0	42	158	6 / 120
433527MR	27	36.6	28.0	19.0	42	161	6 / 120
433528MR	28	37.8	30.0	20.0	42	162	6 / 120
433529MR	29	39.0	30.0	21.0	44	199	6 / 120
433530MR	30	40.0	29.5	21.0	44	214	6 / 120
433532MR	32	42.5	30.0	23.0	44	236	6 / 120
433533MR	33	43.0	30.0	24.0	46	227	6 / 96
433534MR	34	45.0	30.0	24.0	46	231	6 / 96
433536MR	36	47.0	33.0	24.0	46	248	6 / 96
433538MR	38	49.0	34.0	25.0	50	241	6 / 60
433539MR	39	50.0	34.0	25.0	50	240	6 / 60
433541MR	41	53.0	36.0	27.0	53	284	6 / 36
433546MR	46	59.0	40.0	30.0	58	500	4 / 32

4335SR 1/2"

▪ ANSI/ASME B107.1





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
433510SR	5/16	13.2	21.8	7.0	38	60	10 / 200
433512SR	3/8	15.0	21.8	7.0	38	58	10 / 200
433514SR	7/16	16.4	23.3	8.0	38	60	10 / 200
433515SR	15/32	18.0	23.3	8.0	38	63	10 / 200
433516SR	1/2	19.0	23.3	10.0	38	61	10 / 200
433518SR	9/16	20.4	23.3	11.0	38	61	10 / 200
433519SR	19/32	21.6	23.3	11.0	38	65	10 / 200
433520SR	5/8	22.5	23.3	11.0	38	60	10 / 200
433522SR	11/16	24.0	23.2	12.0	38	67	10 / 200
433524SR	3/4	27.0	23.2	13.0	38	87	10 / 160
433525SR	25/32	28.0	23.2	13.0	38	96	10 / 160
433526SR	13/16	28.6	23.2	13.0	38	91	10 / 160
433528SR	7/8	30.2	24.0	15.0	40	102	10 / 160
433530SR	15/16	32.6	26.0	17.0	42	118	8 / 160
433532SR	1	34.8	26.8	17.0	42	143	8 / 160
433534SR	1-1/16	36.6	28.0	19.0	42	167	6 / 120
433536SR	1-1/8	39.0	30.0	21.0	44	163	6 / 120
433538SR	1-3/16	40.0	29.5	21.0	44	214	6 / 120
433540SR	1-1/4	42.5	30.0	23.0	44	226	6 / 120



Socket Set

4072MR 172 PC. | 4072SR 136 PC. | 4572MR 172 PC. | 4572SR 136 PC. | 1/2"

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



4072MR / 4572MR

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

KT NO.	Spec.	Kg	Cuft
4072MR 4572MR -A	87103	6.37	0.67
4072MR 4572MR -D	172 PC. socket content	17.73	0.38
4072SR 4572SR -A	87103	6.37	0.67
4072SR 4572SR -D	136 PC. socket content	13.0	0.28

Deep Socket

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

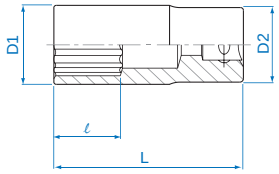


KT No. & D1

4230M 1/2"

▪ DIN 3124, ISO 2725-1



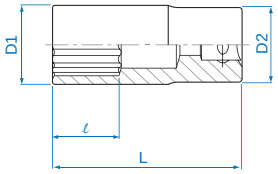


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
423008M	8	13.2	22.0	16	77	107	6 / 120
423009M	9	14.0	22.0	16	77	112	6 / 120
423010M	10	15.2	23.7	24	77	116	6 / 120
423011M	11	16.3	23.7	24	77	119	6 / 120
423012M	12	17.7	23.7	24	77	123	6 / 120
423013M	13	18.7	23.7	24	77	125	6 / 120
423014M	14	20.2	23.7	35	77	138	6 / 120
423015M	15	21.3	23.7	35	77	138	6 / 120
423016M	16	22.6	23.7	35	77	147	6 / 96
423017M	17	23.7	23.2	35	77	151	6 / 96
423018M	18	25.5	23.2	35	77	182	6 / 96
423019M	19	25.7	23.2	35	77	176	6 / 96
423020M	20	27.7	24.0	35	77	201	6 / 96
423021M	21	27.7	25.0	35	77	220	6 / 96
423022M	22	29.8	26.0	35	77	205	6 / 96
423023M	23	31.2	27.5	35	77	207	5 / 60
423024M	24	31.8	28.5	35	77	195	5 / 60
423025M	25	33.4	29.5	35	77	227	5 / 60
423026M	26	34.8	30.5	35	77	252	5 / 60
423027M	27	36.6	31.5	34	77	304	5 / 60
423028M	28	37.8	32.5	34	77	304	5 / 50
423029M	29	38.8	33.5	34	77	308	5 / 50
423030M	30	39.8	34.5	34	77	319	5 / 50
423032M	32	41.8	36.0	34	77	334	5 / 50
423033M	33	43.8	38.5	35	77	360	5 / 50
423036M	36	46.8	40.5	36	77	443	2 / 40

4230S 1/2"

▪ ANSI/ASME B107.1





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
423010S	5/16	13.2	22.0	9	77	107	6 / 120
423012S	3/8	14.7	22.0	10	77	116	6 / 120
423014S	7/16	16.3	23.7	12	77	119	6 / 120
423016S	1/2	18.7	23.7	14	77	125	6 / 120
423018S	9/16	20.2	23.7	15	77	138	6 / 120
423020S	5/8	22.6	23.7	17	77	147	6 / 96
423022S	11/16	23.7	23.2	35	77	151	6 / 96
423024S	3/4	25.7	23.2	35	77	176	6 / 96
423026S	13/16	27.7	25.0	37	77	190	6 / 96
423028S	7/8	29.8	26.0	37	77	203	6 / 96
423030S	15/16	31.8	28.5	37	77	205	5 / 60
423032S	1	33.8	29.5	37	77	277	5 / 60
423034S	1-1/16	36.6	31.5	28	77	305	5 / 60
423036S	1-1/8	37.8	32.5	28	77	306	5 / 50
423038S	1-3/16	39.8	34.5	34	77	319	5 / 50
423040S	1-1/4	41.8	36.0	34	77	330	5 / 50

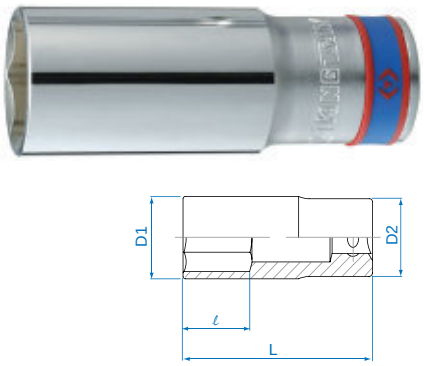
Deep Socket

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

KT No. & D1

4235M 1/2"

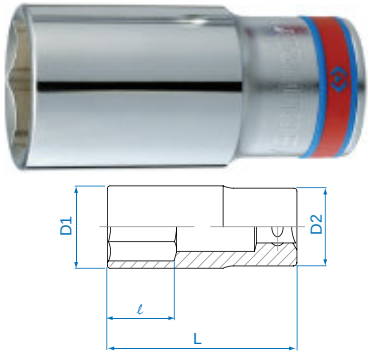
▪ DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
423508M	8	13.2	22.0	16	77	113	6 / 120
423509M	9	14.0	22.0	16	77	114	6 / 120
423510M	10	15.2	23.7	24	77	116	6 / 120
423511M	11	16.3	23.7	24	77	118	6 / 120
423512M	12	17.7	23.7	24	77	125	6 / 120
423513M	13	18.7	23.7	24	77	124	6 / 120
423514M	14	20.2	23.7	35	77	127	6 / 120
423515M	15	21.3	23.7	35	77	140	6 / 120
423516M	16	22.6	23.7	35	77	139	6 / 96
423517M	17	23.7	23.2	35	77	132	6 / 96
423518M	18	25.5	23.2	35	77	136	6 / 96
423519M	19	25.7	23.2	35	77	151	6 / 96
423520M	20	27.7	24.0	35	77	194	6 / 96
423521M	21	27.7	25.0	35	77	163	6 / 96
423522M	22	29.8	26.0	35	77	166	6 / 96
423523M	23	31.2	27.5	35	77	208	5 / 60
423524M	24	31.8	28.5	35	77	212	5 / 60
423525M	25	33.4	29.5	35	77	224	5 / 60
423526M	26	34.8	30.5	35	77	244	5 / 60
423527M	27	36.6	31.5	34	77	270	5 / 60
423528M	28	37.8	32.5	34	77	312	5 / 50
423529M	29	38.8	33.5	34	77	309	5 / 50
423530M	30	39.8	34.5	34	77	307	5 / 50
423532M	32	41.8	36.0	34	77	334	5 / 50
423533M	33	43.8	38.5	35	77	346	5 / 50
423536M	36	46.8	40.5	36	77	410	2 / 40
423538M	38	49.0	40.5	38	77	490	2 / 40
423541M	41	53.0	40.5	40	77	665	2 / 24

4235S 1/2"

▪ ANSI/ASME B107.1



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
423510S	5/16	13.2	22.0	16	77	116	6 / 120
423512S	3/8	14.7	22.0	16	77	116	6 / 120
423514S	7/16	16.3	23.7	24	77	118	6 / 120
423516S	1/2	18.7	23.7	24	77	130	6 / 120
423518S	9/16	20.2	23.7	35	77	138	6 / 120
423520S	5/8	22.6	23.7	35	77	139	6 / 96
423522S	11/16	23.7	23.2	35	77	115	6 / 96
423524S	3/4	25.7	23.2	35	77	140	6 / 96
423526S	13/16	27.7	25.0	35	77	163	6 / 96
423528S	7/8	29.8	26.0	35	77	166	6 / 96
423530S	15/16	31.8	28.5	35	77	195	5 / 60
423532S	1	33.8	29.5	35	77	277	5 / 60
423534S	1-1/16	36.6	31.5	34	77	239	5 / 60
423536S	1-1/8	37.8	32.5	34	77	309	5 / 50
423538S	1-3/16	39.8	34.5	34	77	307	5 / 50
423540S	1-1/4	41.8	36.0	34	77	334	5 / 50
423542S	1-5/16	44.0	38.5	35	77	377	5 / 50
423544S	1-3/8	46.0	38.5	35	77	401	2 / 40
423546S	1-7/16	47.5	40.5	36	77	424	2 / 40
423548S	1-1/2	49.0	40.5	38	77	496	2 / 40

Deep Socket

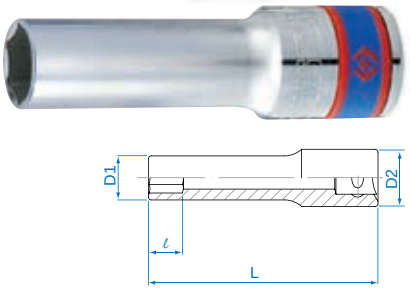
- Chrome vanadium alloy steel
- Polished, chrome plated
- 4 ball retaining grooves



KT No. & D1

4245M EXTENDED LENGTH 1/2"

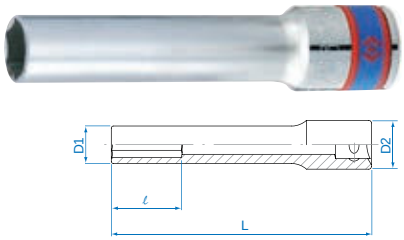
▪ DIN 3120



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
424508M	8	13.2	22.0	9.0	90	110	6 / 120
424509M	9	14.0	22.0	10.0	90	113	6 / 120
424510M	10	15.2	23.7	11.0	90	133	6 / 120
424512M	12	17.7	23.7	13.0	90	155	6 / 120
424513M	13	18.7	23.7	14.0	90	157	6 / 120
424514M	14	20.2	23.7	15.0	90	162	6 / 120

4255M EXTENDED LENGTH 1/2"

▪ DIN 3120



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
425508M	8	13.2	22.0	9	120	135	6 / 96
425509M	9	14.0	22.0	10	120	145	6 / 96
425510M	10	15.2	23.7	11	120	162	6 / 96
425512M	12	17.7	23.7	13	120	200	6 / 96
425513M	13	18.7	23.7	14	120	202	6 / 96
425514M	14	20.2	23.7	15	120	217	6 / 96

4066MR 165 PC.

4066SR 114 PC.

4566MR 165 PC. 1/2"

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



4066MR / 4566MR

KT NO.		Contents	Each Q'ty	KT NO.	Spec.	Kg	Cuft
4066MR	4230M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 30 32	8 7	4066MR -A 4566MR	87103	5.87	0.62
4566MR	4235M		6 5	4066MR -D 4566MR	165 PC. socket content	30.70	0.63
4066SR	4230S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4	8 7 6 5	4066SR -A	87103	5.87	0.62
				4066SR -D	114 PC. socket content	21.0	0.47

Star Socket

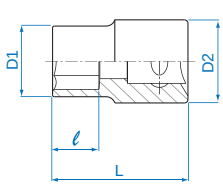
- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

KT No. & D1



4375M — 1/2"

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

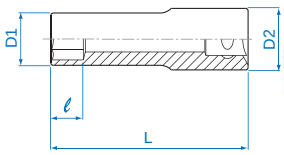




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
437510M	E10	13.2	23.8	7.5	37	60	10 / 200
437512M	E12	15.0	23.8	9.0	37	62	10 / 200
437514M	E14	16.4	23.8	10.0	37	64	10 / 200
437516M	E16	18.8	23.8	11.0	37	68	10 / 200
437518M	E18	20.5	23.8	12.5	39	72	10 / 200
437520M	E20	22.8	23.8	14.0	39	74	10 / 200
437522M	E22	24.6	23.8	16.0	39	75	10 / 200
437524M	E24	26.5	23.8	16.0	39	83	10 / 160

4275M — 1/2"

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





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

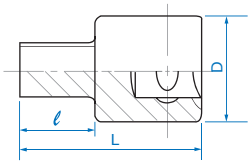
Square Socket

KT No. & D1



4014M — 1/2"

- 4 ball retaining grooves
- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120





KT NO.	mm	D mm	ℓ mm	L mm	g	
401408M	RB8.0	23.5	13.5	35	60	10 / 200
401409M	RB9.5	23.5	13.5	35	68	10 / 200
401410M	RB10.0	23.5	13.5	35	72	10 / 200
401411M	RB10.5	23.5	13.5	35	78	10 / 200
401412M	RB12.0	23.5	13.5	35	90	10 / 200
401413M	RB12.7	23.5	13.5	35	97	10 / 200
401414M	RB13.5	23.5	13.5	35	106	10 / 200
401419M	RB19.0	25.0	15.5	40	130	10 / 160

Spark Plug Socket

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

KT No. & D1

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

4670 new | 4675

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


Magnet


463014RC - Thin walled design


463514RC - Thin walled design


463016R- Thin walled design


466016 - Thin walled design

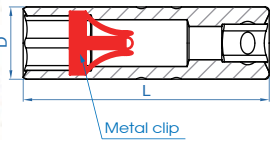

463516R - Thin walled design


466516 - Thin walled design

KT NO.	Type	Size inch	Size mm	D mm	L mm		
463014RC	12 points Rubber	-	14.0	19.05	70	70	12 / 240
463016R	12 points Rubber	5/8	16.0	20.75	70	110	10 / 200
466016	12 points Magnet	5/8	16.0	20.75	70	115	10 / 200
463514RC	6 points Rubber	-	14.0	19.05	70	70	12 / 240
463516R	6 points Rubber	5/8	16.0	20.75	70	110	10 / 200
466516	6 points Magnet	5/8	16.0	20.75	70	115	10 / 200
463021R	12 points Rubber	13/16	20.8	27.7	70	160	12 / 120
466021	12 points Magnet	13/16	20.8	27.7	70	165	12 / 120
463521R	6 points Rubber	13/16	20.8	27.7	70	155	12 / 120
466521	6 points Magnet	13/16	20.8	27.7	70	160	12 / 120
new 467014C	12 points Metal clip	-	14.0	19.05	70	70	12 / 240
new 467016	12 points Metal clip	5/8	16.0	20.75	70	110	10 / 200
new 467021	12 points Metal clip	13/16	20.8	27.7	70	165	12 / 120
new 467514C	6 points Metal clip	-	14.0	19.05	70	70	12 / 240
new 467516	6 points Metal clip	5/8	16.0	20.75	70	110	10 / 200
new 467521	6 points Metal clip	13/16	20.8	27.7	70	168	12 / 120


467514C


467014C

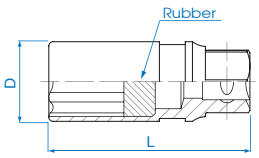


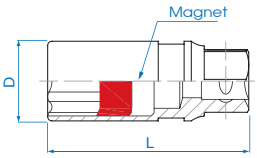

463021R


466021


463521R


466521





Ribe Socket M10S

9AW4911 | 1/2"

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



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

Ribe Socket M12S

9AW4901 | 1/2"

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



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

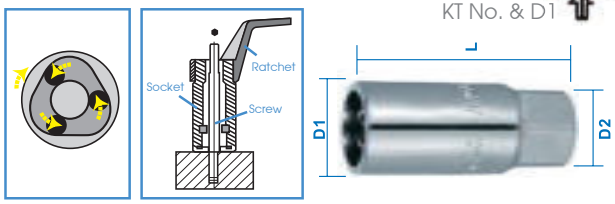
Roller Stud Extractor Socket & Set

9TD401 1/2"

- For tightening or loosening studs



KT No. & D1



KT NO.	mm	D1 mm	D2 mm	L mm		
9TD401-06M	6	24.5	21	60.0	150.0	10 / 180
9TD401-08M	8	24.5	21	60.0	150.0	10 / 180
9TD401-10M	10	27.5	21	69.5	190.0	12 / 120
9TD401-12M	12	27.5	21	69.5	190.0	12 / 120

9TD014MR 1/2"

- Roller stud extractor socket set
- Supplied in a box

4 PC.





Contents 1.10 1 / 20

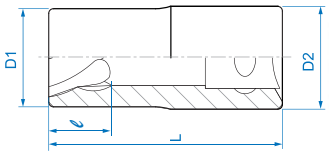
	9TD401	M6, M8, M10, M12



Damaged Nuts Remover Socket & Set

9TD403 1/2"

- Made of top quality SNCM alloy steel, provide good wear resistance and durability
- Ideal for the removal of rounded, damaged or corroded nuts, bolts, oil drain plugs, marine nuts and bolts, exhaust manifold nuts, pipe nozzle, and studs
- No need for pounding, chisels or torches





KT NO.	D1 mm	D2 mm	ℓ mm	L mm		
new 9TD403-10M	16	22	8	50	70	10 / 180
9TD403-12M	18.0	22	11	50	77	10 / 180
9TD403-13M	20.0	22	11	50	84	10 / 180
9TD403-14M	21.0	22	11	50	85	10 / 180
9TD403-17M	24.5	25	15	50	117	10 / 180
9TD403-19M	27.0	27	15	50	135	8 / 80
9TD403-21M	29.4	27	16	50	138	8 / 80
9TD403-22M	30.5	27	17	50	140	8 / 80
new 9TD403-23M	31.8	27	17	50	136	8 / 80
new 9TD403-27M	36.0	27	18	50	146	6 / 120

9TD 1/2"



9TD034MR 4 PC.



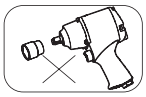
9TD035MR 5 PC.



9TD036MR 6 PC.



KT NO.	Contents				
new 9TD034MR	 9TD403	21, 22, 23 27	8740705	0.58	4/36
9TD035MR		12, 13, 14, 17, 19		0.52	
new 9TD036MR		10, 12, 13 14, 17, 19	8740706	0.60	



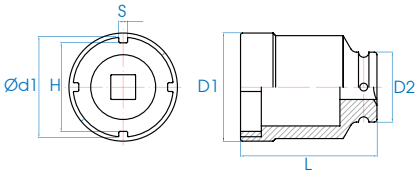
CAUTION Can't be used with pneumatic wrench

Axial Lock Nut Socket

- Material - chrome vanadium steel
- Finishing - phosphate sunk

44K9M — 1/2"

- Specially for SKF bearing





KT NO.	Designation	mm	H mm	S mm	D1 mm	D2 mm	Ød1 mm	L mm	g	
44K928M	TMFS 3	28	24.4	3.8	36	30	30	90	382	1 / 24
44K932M	TMFS 4	32	28.4	3.8	38	30	34	90	378	1 / 24
44K938M	TMFS 5	38	34.4	4.8	46	30	40	90	559	1 / 24

Bit Socket

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



KT No. & D1

CAUTION

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

4021 — 1/2"

- Phillips head
- DIN ISO 8764-1



KT NO.	No.	Overall length mm	g	
402102	PH2	60	77	10 / 180
402103	PH3	60	77	10 / 180
402104	PH4	60	77	10 / 180

4022 — 1/2"

- Slotted head
- DIN ISO 5264/3120



KT NO.	Tip width mm	Tip thickness mm	Overall length mm	g	
402208	8	1.2	60	77	10 / 180
402210	10	1.6	60	83	10 / 180
402212	12	2.0	60	110	10 / 180
402214	14	2.5	60	112	10 / 180
402216	16	2.5	60	113	10 / 180

40D5 — 1/2"

- Hexagon head
- DIN 7422



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

4025 — 1/2"

- Hexagon head
- DIN 7422



KT NO.	mm / Inch	Overall length mm	g	
402503	H3	60	68	10 / 180
402504	H4	60	68	10 / 180
402505	H5	60	70	10 / 180
402506	H6	60	72	10 / 180
402507	H7	60	75	10 / 180
402508	H8	60	75	10 / 180
402509	H9	60	79	10 / 180
402510	H10	60	85	10 / 180
402512	H12	60	117	10 / 180
402514	H14	60	120	10 / 180
402517	H17	66	153	10 / 100
402519	H19	66	225	10 / 120
402506S	3/16	60	66	10 / 180
402507S	7/32	60	68	10 / 180
402508S	1/4	60	69	10 / 180
402509S	9/32	60	70	10 / 180
402510S	5/16	60	74	10 / 180
402512S	3/8	60	83	10 / 180
402514S	7/16	60	100	10 / 180
402516S	1/2	60	110	10 / 180
402518S	9/16	66	157	12 / 120
402520S	5/8	66	162	12 / 120
402524S	3/4	66	225	10 / 120

Bit Socket

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



KT No. & D1

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

4035 — 1/2"

- Hexagon head
- DIN 7422



KT NO.	mm	Overall length mm	g	
403504	H4	80	90	6 / 120
403505	H5	80	90	6 / 120
403506	H6	80	90	6 / 120
403507	H7	80	90	6 / 120
403508	H8	80	93	6 / 120
403509	H9	80	97	6 / 120
403510	H10	80	107	6 / 120
403511	H11	80	140	6 / 120
403512	H12	80	145	6 / 120
403514	H14	80	145	6 / 120
403517	H17	80	200	6 / 120
403519	H19	80	245	6 / 96

40D0 — 1/2"

- Hexagon with ball point head



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



4026 / 4036 / 4046 / 4066 — 1/2"

- Spline head
- DIN 3120







KT NO.	Size	Overall length mm	g	
402605	M5	60	70	10 / 180
402606	M6	60	72	10 / 180
402608	M8	60	73	10 / 180
402610	M10	60	85	10 / 180
402612	M12	60	113	10 / 180
402614	M14	60	117	10 / 180
403605	M5	80	74	6 / 120
403606	M6	80	85	6 / 120
403608	M8	80	90	6 / 120
403610	M10	80	107	6 / 120
403612	M12	80	142	6 / 120
403614	M14	80	134	6 / 120
new 404605	M5	100	82	6 / 120
404607	M7	100	84	6 / 120
new 404608	M8	100	85	6 / 120
404610	M10	100	113	6 / 120
404612	M12	100	138	6 / 120
404614	M14	100	170	6 / 120
406608	M8	140	109	6 / 120
406609	M9	140	138	6 / 120
406610	M10	140	138	6 / 120
406612	M12	140	175	6 / 120
406614	M14	140	213	6 / 120
406616	M16	140	301	6 / 72

404108 — 1/2"

- Spline head
- DIN 3120
- Use for Toyota Tercel cylinder head bolt



KT NO.	Size	Overall length mm	g	
404108	M8.9	100	129	6 / 120

402A — 1/2"

- Pentagon head
- For using on most vehicles fitting brake system



KT NO.	Size	Overall length mm	g	
402A10	10	60	85	10 / 180

Bit Socket

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

CAUTION

KT No. & D1

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

402B 1/2"

- Spline head
- Tamper resistant type
- For gearbox and sump plugs of Audi A4/A6/A3, Golf IV/LT of VW



KT NO.	Size	Overall length mm		
402B16	M16	66	150	10 / 120
402B18	M18	66	201	10 / 120

4023 4033 1/2"

- For torx internal screw
- DIN 3120



4023



4033

KT NO.	Size	Overall length mm		
402320	T20	60	72	10 / 180
402325	T25	60	72	10 / 180
402327	T27	60	72	10 / 180
402330	T30	60	75	10 / 180
402340	T40	60	75	10 / 180
402345	T45	60	80	10 / 180
402350	T50	60	82	10 / 180
402355	T55	60	85	10 / 180
402360	T60	60	115	10 / 180
402370	T70	60	116	10 / 180
403320	T20	80	78	6 / 120
403325	T25	80	79	6 / 120
403327	T27	80	80	6 / 120
403330	T30	80	80	6 / 120
403340	T40	80	81	6 / 120
403345	T45	80	81	6 / 120
403350	T50	80	82	6 / 120
403355	T55	80	99	6 / 120
403360	T60	80	134	6 / 120
403370	T70	80	143	6 / 120

4027 4037 1/2"

- For tamper resistant torx screw
- DIN 3120



4027

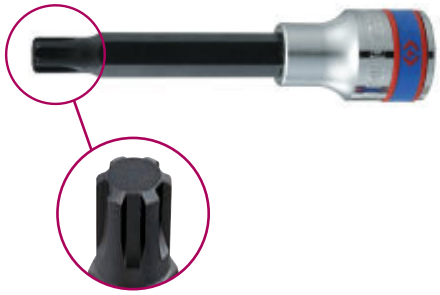


4037

KT NO.	Size	Overall length mm		
402720	T20H	60	72	10 / 180
402725	T25H	60	72	10 / 180
402727	T27H	60	72	10 / 180
402730	T30H	60	75	10 / 180
402740	T40H	60	75	10 / 180
402745	T45H	60	80	10 / 180
402750	T50H	60	82	10 / 180
402755	T55H	60	85	10 / 180
402760	T60H	60	115	10 / 180
403720	T20H	80	78	6 / 120
403725	T25H	80	79	6 / 120
403727	T27H	80	80	6 / 120
403730	T30H	80	80	6 / 120
403740	T40H	80	81	6 / 120
403745	T45H	80	81	6 / 120
403750	T50H	80	82	6 / 120
403755	T55H	80	99	6 / 120
403760	T60H	80	134	6 / 120

4049 1/2"

- Use for VW, Audi, Fiat cylinder head bolt



KT NO.	Size	Overall length mm		
404904	M4	100	94	6 / 120
404905	M5	100	95	6 / 120
404906	M6	100	96	6 / 120
404907	M7	100	97	6 / 120
404908	M8	100	98	6 / 120
404909	M9	100	100	6 / 120
404910	M10	100	106	6 / 120
404925	M10.5	100	110	6 / 120
404912	M12	100	132	6 / 120
404913	M13	100	162	6 / 120
404914	M14	100	164	6 / 120
404916	M16	100	166	6 / 120

Ratchet

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

KT No. & D1



4725

FINE GEAR 1/2"

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

KT NO.	Overall length inch	mm	g	
4725-10FR	10	250	573	2 / 40
4725-10GR	10	250	617	1 / 20
4725-12FR	12	300	642	2 / 40
4725-12GR	12	300	762	1 / 20
4725-12BR	12	300	644	2 / 40
4725DKR01	renewal kits		-	-





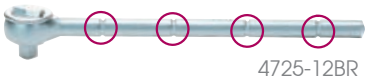
4 725DK



4725-10FR
4725-12FR



4725-10GR
4725-12GR



4725-12BR

4755

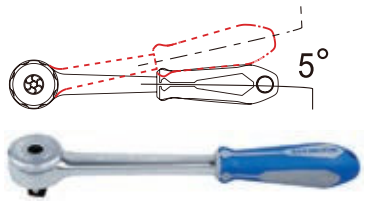
FINE GEAR 1/2"

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

KT NO.	Overall length inch	mm	g	
4755-10G	10	250	542	1 / 20
4755DK	renewal kits		-	1 / 20



4755DK



4755-10G

4756

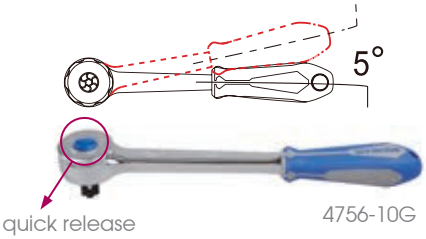
FINE GEAR 1/2"

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

KT NO.	Overall length inch	mm	g	
4756-10G	10	250	572	1 / 20
4756DK	renewal kits		-	1 / 20



4756DK



quick release

4756-10G

4752

FINE GEAR 1/2"

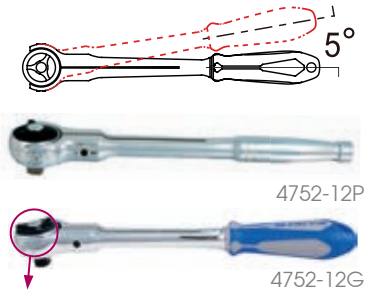
- Quick release flexible and reversible ratchet
- 5° gear action degree (72 teeth)
- Multi-angle design for difficult-to-reach fasteners

KT NO.	Overall length inch	mm	g	
4752-12P	12	300	668	1 / 20
4752-12G	12	300	635	1 / 20
4752DK	renewal kits		-	-





4752DK



4752-12P

quick release

4752-12G

Ratchet Set

9415GR 1/4" + 3/8" + 1/2"

Paper display stand size (mm):
405 x 310 x 80 (0.36 cuft)



15 PC.

Contents	kg 5.9	1 / 2
	2752-06G x 5	
	3752-09G x 5	
	4752-12G x 5	

Ratchet

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

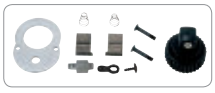


KT No. & D1

4760 FINE GEAR MINI RATCHET 1/2"

- Mini reversible ratchet
- 6° gear action degree (64 teeth)
- Two teeth pawl action
- DIN3122

KT NO.	Overall length inch	mm	g	
4760-05	4-3/4	120	222	5 / 90
4760-05G	5-1/2	140	210	4 / 72
4760DK	renewal kits		-	-



4760DK



4760-05



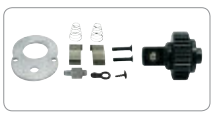
4760-05G

4762 1/2"

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

KT NO.	Overall length inch	mm	g	
4762-10G	10	250	532	5 / 30
4762-10F	10	250	590	6 / 36
4762-10P	10	250	563	6 / 36
4762-15G	15	375	690	5 / 20
4762-15F	15	375	750	6 / 24
4762-15P	15	375	728	6 / 24
4762DK	renewal kits		-	-





4762DK



4762-10G / 4762-15G



4762-10F / 4762-15F



4762-10P / 4762-15P

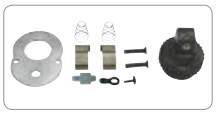
4767 1/2"

- Reversible ratchet
  (19 mm socket included)
- 11° gear action degree (32 teeth)
- Two teeth pawl action

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



19mm 12 point



4267DK



Ratchet

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

KT No. & D1

4768 1/2"

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

KT NO.	Overall length inch	mm	g	pcs/box
4768-10G	10	250	541	5 / 25
4768-10F	10	250	589	6 / 36
4768-10P	10	250	562	6 / 36
4768-15G	15	375	720	5 / 20
4768-15F	15	375	776	6 / 24
4768-15P	15	375	734	6 / 24
4768DK	renewal kits		-	-



4768DK



4768-10G / 4768-15G



4768-10F / 4768-15F



4768-10P / 4768-15P

4771 1/2"

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







4771DK

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



4771-10BR



4771-10FR



4771-10GR

Ultra-Light Aluminium Ratchet

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

KT No. & D1

4772 1/2"

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



KT NO.	Overall length inch	mm	g	pcs/box
4772-10G	10	250	336	1 / 25
4772-10F	10	250	353	1 / 25
4772DK01	renewal kits		-	-
4772-10GS	10	250	336	1 / 25
4772-10FS	10	250	353	1 / 25
4772DK	push renewal kits		-	-



4772DK01



4772-10G



4772-10F





4772DK



4772-10GS



4772-10FS

Ratchet

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

KT No. & D1

4779 1/2"

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

KT NO.	Overall length inch	mm	g	
4779-10BR	10	250	590	2 / 40
4779-10FR	10	250	615	2 / 40
4779-10GR	10	250	555	1 / 20
4779DK01	renewal kits		-	-



4779DK01



4779-10BR



4779-10FR



4779-10GR

4781 1/2"

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

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



4781DK



4781-12F



4781-12P

Accessory

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

4121 1/2"

- Adjustable handle
- Push-Lock design

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



Extension Bar & Set

4251 1/2"

- Extension bar
- DIN 3123

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

KT No. & D1



4104PR 1/2"

- Extension bar

4 PC.

Contents	kg 0.84	1 / 25
4251	3" 5" 6" 10"	



Accessory

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

4221 1/2"

- Extension bar
- DIN 3123



KT NO.	Overall length inch	Overall length mm	g	
4221-18	18	450	550	1 / 20
4221-24	24	600	685	1 / 20
4221-30	30	750	860	1 / 20
4221-36	36	900	1030	1 / 20

Accessory

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

4223 1/2"

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



KT No. & D1

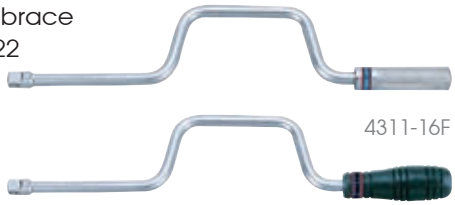
- Offset extension bar
- Max. torque:320 Nm
- DIN 3123



KT NO.	Overall length inch	Overall length mm	g	
4223-02R	2	55	94	12 / 216
4223-05R	5	125	198	4 / 80
4223-10R	10	250	357	4 / 64

4311 1/2"

- Speed brace
- DIN 3122



4311-16F

4311-16G

KT NO.	Overall length inch	Overall length mm	g	
4311-16F	16-1/4	412	545	5 / 40
4311-16G	16-1/4	412	545	5 / 40

4293 1/2"

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



KT No. & D1



KT NO.	Overall length inch	Overall length mm	g	
4293-02	2	55	55	12 / 216
4293-05	5	125	200	4 / 80
4293-10	10	250	420	4 / 64

4452 1/2"

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



4452DK



KT No. & D1



KT NO.	Overall length inch	Overall 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)			

Accessory

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

4453 1/2"

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

KT No. & D1



4452DK



4453-15F

4453-18F

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

4462 1/2"

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

KT No. & D1



4462DK



KT NO.	Overall length inch	mm		
4462-18F	18	463	1046	1 / 20
4462-24F	24	613	1350	1 / 20
4462DK	renewal kits		-	-

4572 1/2"

- Sliding T-handle
- DIN 3122

KT No. & D1



4572DK



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

4573 1/2"

- Sliding T-handle
- DIN 3120

KT No. & D1





4573DK



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

4581 1/2"

- 90° L-handle
- DIN 3122

KT No. & D1

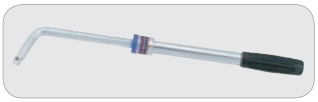


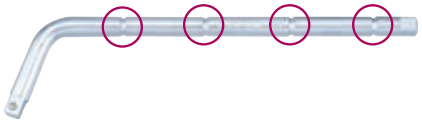
KT NO.	Overall length inch	mm		
4581-10	10	250	429	1 / 40

4583 1/2"

- 105° L-handle
- DIN 3120

KT No. & D1



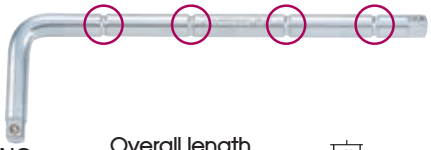


KT NO.	Overall length inch	mm		
4583-12R	12-1/2	315	545	1 / 40

4584 1/2"

- 90° L-handle
- DIN 3120

KT No. & D1



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

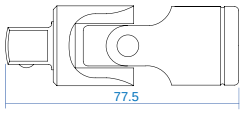
Accessory

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

4791R 1/2"

- Univesal joint
- DIN 3120, ISO 3316

KT No. & D1



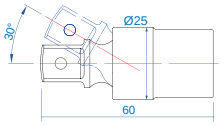


KT NO.	Overall length inch	Overall length mm	g	
4791R	3	77.5	163	5 / 100

4794 1/2"

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

KT No. & D1





KT NO.	Overall length inch	Overall length mm	g	
4794	2-3/8	60	106	5 / 180

4813 4816 1/2"

- Adapter
- Convert to 3/8" drive or 3/4" drive
- 4813 →Max. torque:263 Nm
- DIN 3123, ISO 3316

KT No. & D1



4813
3/8" drive(M)



4816
3/4" drive(M)

← 1/2" drive(M)

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

4148 1/2"

- Bit holder

KT No. & D1



KT NO.	Size	Overall length mm	g	
414808S	1/4"	38	50	10 / 200
414810S	5/16"	38	60	10 / 200
414810M	10 mm	38	65	10 / 200

Socket Rail Set

4010MR 4010SR 4510MR 4510SR 1/2"

- Socket rail 230mmL



4010SR/4510SR



4010MR/4510MR

8 PC.

KT NO.			Contents	kg 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			

Socket Rail Set

4106PR 1/2"

- Socket rail 230mmL

6 PC.



Contents 0.51 kg 40

4375M	E10, E12, E14, E16, E18, E20	
8740906		

4208MR10 1/2"

- Socket rail 240mmL

8 PC.



Contents 1.22 kg 14

4230M	12, 13, 14, 17, 19, 21, 22, 23	
8741108		

4308MR10 1/2"

- Socket rail 240mmL

8 PC.



Contents 1.22 kg 14

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

4118MR 1/2"

- Socket rail 230mmL

8 PC.



Contents 0.57 kg 40

4014M	RB8, RB9.5, RB10, RB10.5, RB12, RB12.7, RB13.5, RB19	
8740908		

4311MR 1/2"

- Socket rail 230mmL

11 PC.



Contents 0.92 kg 12

4335MR	10, 11, 13, 14, 15, 17, 18, 19	
4725-10GR		4572-10
4251-05		8740908

Bit Socket Rail Set

4110PR10 1/2"

- Socket rail 240mmL

9 PC.



Contents 0.77 kg 14

4025	H3, H4, H5, H6, H7, H8, H10, H12, H14	
8741009		

4110SR10 1/2"

- Socket rail 240mmL

9 PC.



Contents 1.22 kg 14

4025S	3/16, 7/32, 1/4, 9/32, 5/16, 3/8, 1/2, 9/16, 5/8	
8741009		

Bit Socket Rail Set

4120PR10 1/2"

- Socket rail 240mmL



9 PC.

Contents — 1.0 kg — 14

4035	H4, H5, H6, H7, H8, H10, H12, H14, H17
8741009	

4108PR10 1/2"

- Socket rail 240mmL



8 PC.

Contents — 0.96 kg — 14

4025	H6, H7, H8, H10, H12, H14, H17, H19
8741009	

4126PR 1/2"

- Socket rail 127mmL



4 PC.

Contents — 0.38 kg — 50

4026	M6, M8, M10, M12
8740504	

4105PR 1/2"

- Socket rail 150mmL



5 PC.

Contents — 0.57 kg — 50

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

4136PR 1/2"

- Socket rail 127mmL



4 PC.

Contents — 0.46 kg — 30

4036	M6, M8, M10, M12
8740504	

4109PR10 1/2"

- Socket rail 240mmL



9 PC.

Contents — 0.74 kg — 14

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

4119PR10 1/2"

- Socket rail 240mmL



9 PC.

Contents — 0.84 kg — 14

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

4116PR 1/2"

- Socket rail 180mmL



6 PC.

Contents — 0.38 kg — 20

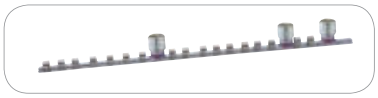
4049	M9, M10, M12, M13, M14, M16
8740706	

Bit Socket Rail Set

874 1/2"

- Rail length from 160 mm to 560 mm

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



- Customer Selected



Socket Set

4208MR 4208SR 4308MR 1/2"

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



4208MR / 4308MR



4208SR

8 PC.

1.93 1 / 12

KT NO.	Contents
4208MR ○ 4230M	12, 13, 14, 17, 19, 21, 22, 23
4308MR ○ 4235M	
4208SR ○ 4230S	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16

4215MR 1/2"

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

15 PC.



Contents 3.80 1 / 6

○ 4230M — 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32

4216MR 1/2"

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

16 PC.



Contents 3.68 1 / 6

○ 4230M — 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32

Socket Set

4315MR 1/2"

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

15 PC.

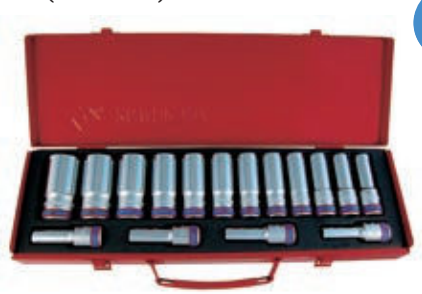


Contents	3.80	1 / 6
4235M	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32	

4316MR 1/2"

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

16 PC.



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

Bit Socket Set

4109PR

4119PR 1/2"

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

9 PC.



4109PR



4119PR

KT NO.		Contents		
4109PR	4023	T20, T25, T27, T30, T40, T45, T50, T55, T60	1.04	1 / 20
4119PR	4033		1.13	1 / 20

4110PR

4120PR 1/2"

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

9 PC.



4110PR



4120PR

KT NO.		Contents		
4110PR	4025	H3, H4, H5, H6, H7, H8, H10, H12, H14	1.03	1 / 20
4120PR	4035	H4, H5, H6, H7, H8, H10, H12, H14, H17	1.38	1 / 20

Bit Socket Set

4117PR 1/2"

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

7 PC.



Contents	1.22	1 / 8
4026	M6, M8, M10, M12, M14	
402B	M16, M18	

4128PR 1/2"

Metal case size (mm) :
244 x 94 x 40 (0.038 cuft)

8 PC.



Contents	1.24	1 / 8
4026	M5, M6, M8, M10	
402B	M16	
4036	M8, M10, M12	

Socket Set

4501MR 1/2"

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

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



15 PC.

4511MR 4511SR 1/2"

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



4511MR 4511SR

24 PC.

KT NO.		Contents	5.5	1 / 4
4511MR	4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463521R, 4725-12GR, 4223-02R, 4251-05R, 4251-10R, 4572-10	
4511SR	4335SR	3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4		

Socket Set

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

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



14 PC.

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		
4512MR	○ 4335MR		○ 463521R	4572-12		
4012SR	○ 4330SR	3/8, 7/16, 15/32, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 15/16	○ 463021R	4251-05R		
4512SR	○ 4335SR		○ 463521R			

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

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



16 PC.

4016SR / 4516SR　　4516MR

KT NO.		Contents			3.68	1 / 6
4016SR	○ 4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1-1/16	○ 463021R	4791R	4779-10FR	
4516MR	○ 4335MR	10, 11, 12, 13, 14, 17, 19, 21, 23, 24, 27	○ 463521R	4251-05R		
4516SR	○ 4335SR	3/8, 7/16, 15/32, 1/2, 9/16, 5/8, 3/4, 13/16, 15/16, 1, 1-1/16	○ 463521R	4452-15FR		

Socket Set

4220MR 4320MR 1/2"

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



20 PC.

KT NO.		Contents	3.83 / 1 / 6
4220MR	○ 4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27	4755-10G, 4251-05R, 4251-10R, 4791R
4320MR	○ 4335MR		

4325MR 1/2"

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



24 PC.

Contents	5.01 / 1 / 4
○ 4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
4779-10GR, 4251-05R, 4251-10R, 4791R	
4311-16G, 4572-10	

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

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



4030CR / 4530CR



4030CR01 / 4530CR01

30 PC.

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

Socket Set

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

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

24 PC.


4024SR / 4524SR


4024MR / 4524MR


4033SR / 4533SR


4033MR / 4533MR

KT NO. | Contents | 5.7 | 1 / 4

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

4523MRV01 EVA Tray #8 1/2"

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

23 PC.



Contents | 3.88 | 1 / 6

4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32		
4771-10GR		4791R	
4572-10		4251-05R 4251-10R	

Socket Set

4526MR15 1/2"

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



24 PC.

Contents

5.05 kg | 1 / 4



4335MR

8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32



4779-10FR



4572-12

4452-15FR

4251-05R
4251-10R



4791R

Socket Set

4026MR | 4026SR | 4526MR | 4526SR
4026MR03 | 4026SR03 | 4526MR03 | 4526SR03
4026MR04 | 4526MR04 | 1/2"

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

24 PC.



4026MR / 4526MR



4026SR / 4526SR



4026SR03 / 4526SR03



4026MR03 / 4526MR03



4026MR04 / 4526MR04

KT NO.		Contents			
				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				4251-05R 4251-10R
4026SR	4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-3/16, 1-1/4	463021R	4768-10F	
4526SR	4335SR		463521R		
4026SR03	4330SR		4791R	4779-10GR	
4526SR03	4330MR				

Socket Set

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

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

24 PC.



4028MR / 4528MR



4028MR02 / 4528MR02



4028SR / 4528SR

KT NO.		Contents				5.3 kg / 1 / 4
4028MR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463021R	4779-10GR	4791R	
4528MR	4335MR		463521R			
4028MR02	4330MR		463021R	4755-10G	4251-05R 4251-10R	
4528MR02	4335MR		463521R			
4028SR	4330SR	3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4	463021R	4779-10GR	4572-10	
4528SR	4335SR		463521R			

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

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

24 PC.



4032MR / 4532MR



4032SR / 4532SR

KT NO.		Contents				5.6 kg / 1 / 4
4032MR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463021R	4779-10FR	4251-05R 4251-10R	
4532MR	4335MR		463521R			
4032SR	4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-3/16, 1-1/4	463021R	4452-15FR	4791R	
4532SR	4335SR		463521R			

Socket Set

4034MR 4534MR 1/2"

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



33 PC.

4034MR / 4534MR

KT NO.			Contents		
4034MR	○ 4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	○ 463021R	○ 463516R 4452-18FR	4791R 4251-03R 4251-05R 4251-10R
4534MR	○ 4335MR		○ 463521R		4572-12 4779-10FR

8.2 | 1 / 2

4035MR 4535MR 1/2"

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



35 PC.

4535MR / 4035MR

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

4.46 | 1 / 4

Socket Set

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

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

42 PC.



4042CR / 4542CR



4042CR02 / 4542CR02

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

4044CR | 4544CR 1/2"

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

43 PC.



KT NO.		Contents		
				8.5 / 1 / 2
4044CR	4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32	4779-10BR	4121-11GR
	4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16, 1-1/4	4223-02R	4583-12R
4544CR	4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32	4573-10	4791R
	4335SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16, 1-1/4		

Socket Set

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

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





41026MR / 41026SR





41526MR / 41526SR

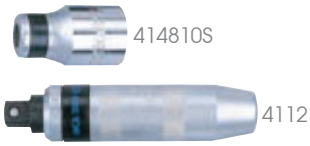
25 PC.

KT NO.		Contents			5.7	1
41026MR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463021R	4768-10F, 4452-15FR, 4572-12, 4251-05R, 4251-10R, 4791R		
41526MR	4335MR		463521R			
41026SR	4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-3/16, 1-1/4	463021R			
41526SR	4335SR		463521R			



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

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





8 PC. 6 PC. 6 PC.

4108FR 4111FR 4112FR

KT NO.	Contents			
4108FR	1836S 9, 11	1836P PH2, PH3	1880P PH2, PH3	4112 1.04
4111FR	1880S 8, 10	1880P PH2, PH3		414810S 1.00
4112FR	1836S 9, 11	1836P PH2, PH3		1.00

1 / 24

4505MR | 4505SR 1/2"

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





10 PC.

4505MR 4505SR

KT NO.		Contents			1.56	1 / 12
4505MR	4335MR	8, 10, 12, 14	1836S 9, 11	4112		
4505SR	4335SR	5/16, 3/8, 1/2, 9/16	1836P PH2, PH3	414810S		

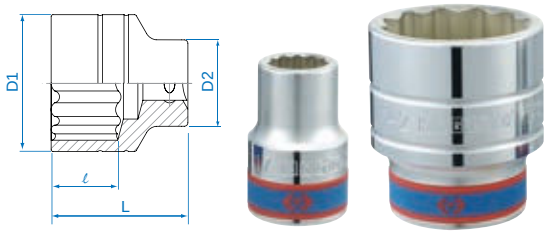
Standard Socket

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

KT No. & D1

6330M 3/4"

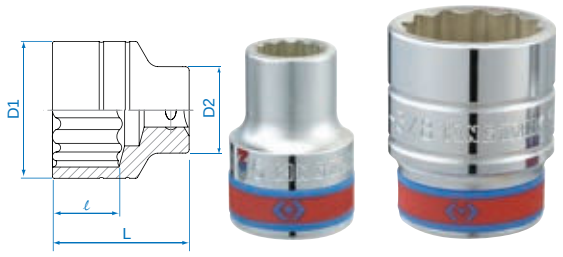
▪ DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
633017M	17	26.0	32.7	14	51	187	8 / 96
633019M	19	30.0	32.7	14	51	207	8 / 96
633021M	21	32.0	32.7	16	51	210	8 / 96
633022M	22	33.0	35.7	16	51	209	8 / 96
633023M	23	34.0	35.7	16	51	216	8 / 96
633024M	24	35.0	35.7	17	51	219	8 / 96
633026M	26	35.7	35.0	17	52	243	8 / 96
633027M	27	38.0	36.0	19	52	238	8 / 96
633028M	28	39.0	36.0	19	52	233	8 / 96
633029M	29	40.0	38.0	19	52	261	8 / 96
633030M	30	42.0	38.0	21	54	295	6 / 48
633032M	32	44.0	38.0	23	56	317	6 / 48
633033M	33	46.0	39.0	23	56	351	6 / 48
633034M	34	47.0	42.0	24	57	400	6 / 48
633035M	35	48.0	42.0	25	58	406	6 / 36
633036M	36	50.0	42.0	25	58	434	6 / 36
633038M	38	52.0	45.0	27	60	497	6 / 36
633041M	41	56.0	45.0	29	64	581	4 / 32
633042M	42	57.0	45.0	29	64	591	4 / 32
633046M	46	62.0	48.0	33	68	724	4 / 32
633048M	48	64.0	48.0	34	70	775	2 / 24
633050M	50	68.0	48.0	34	72	889	2 / 24
633054M	54	72.0	50.0	35	75	1070	1 / 20
633055M	55	74.0	50.0	37	76	1115	1 / 20
633058M	58	77.0	50.0	37	78	905	1 / 20
633060M	60	80.0	50.0	40	78	1250	1 / 20
633063M	63	83.0	55.0	40	81	1445	1 / 12
633065M	65	85.0	58.0	43	83	1565	1 / 12
633070M	70	92.0	58.0	46	88	1875	1 / 12

6330S 3/4"

▪ ANSI/ASME B107.1



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
633022S	11/16	26	35.7	14	50.8	195	8 / 96
633024S	3/4	30	35.7	14	50.8	225	8 / 96
633026S	13/16	32	35.7	16	50.8	228	8 / 96
633028S	7/8	33	35.7	16	51.0	230	8 / 96
633030S	15/16	35	35.7	17	51.0	240	8 / 96
633032S	1	35	35.7	17	52.0	242	8 / 96
633034S	1-1/16	38	36.0	19	52.0	238	8 / 96
633036S	1-1/8	40	38.0	19	52.0	261	8 / 96
633038S	1-3/16	42	38.0	21	54.0	295	6 / 48
633040S	1-1/4	44	38.0	23	56.0	317	6 / 48
633042S	1-5/16	46	39.0	23	56.0	351	6 / 48
633044S	1-3/8	48	42.0	25	58.0	406	6 / 36
633046S	1-7/16	50	42.0	25	58.0	434	6 / 36
633048S	1-1/2	52	45.0	27	60.0	497	6 / 36
633050S	1-9/16	54	45.0	28	62.0	537	4 / 32
633052S	1-5/8	56	45.0	29	64.0	581	4 / 32
633054S	1-11/16	58	45.0	29	65.0	591	4 / 32
633056S	1-3/4	60	48.0	31	66.0	657	4 / 32
633058S	1-13/16	62	48.0	34	68.0	724	4 / 32
633060S	1-7/8	64	48.0	34	70.0	775	2 / 24
633062S	1-15/16	66	48.0	34	70.0	832	2 / 24
633064S	2	68	48.0	34	72.0	889	2 / 24
633066S	2-1/16	70	50.0	35	74.0	950	1 / 20
633068S	2-1/8	72	50.0	35	75.0	1020	1 / 20
633070S	2-3/16	74	50.0	37	76.0	1120	1 / 20
633072S	2-1/4	76	50.0	37	76.0	1120	1 / 20
633074S	2-5/16	78	50.0	37	78.0	1160	1 / 20
633076S	2-3/8	80	50.0	40	78.0	1240	1 / 20
633078S	2-7/16	82	55.0	40	81.0	1366	1 / 12
633080S	2-1/2	84	55.0	40	81.0	1460	1 / 12
633082S	2-9/16	85	58.0	43	83.0	1510	1 / 12
633084S	2-5/8	86	58.0	43	83.0	1510	1 / 12
633086S	2-11/16	90	58.0	43	85.0	1555	1 / 12
633088S	2-3/4	92	58.0	46	88.0	1865	1 / 12

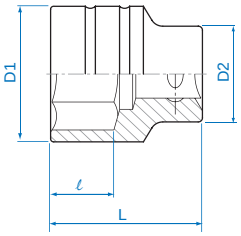
Standard Socket

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

KT No. & D1

6335M — 3/4"

▪ DIN 3124, ISO 2725-1





KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	盒/箱
633517M	17	26.0	32.7	14	51	187	8 / 96
633518M	18	28.0	32.7	14	51	196	8 / 96
633519M	19	30.0	32.7	14	51	207	8 / 96
633520M	20	31.0	32.7	16	51	209	8 / 96
633521M	21	32.0	32.7	16	51	210	8 / 96
633522M	22	33.0	35.7	16	51	209	8 / 96
633523M	23	34.0	35.7	16	51	216	8 / 96
633524M	24	35.0	35.7	17	51	219	8 / 96
633525M	25	35.0	35.7	17	52	240	8 / 96
633526M	26	35.7	35.0	17	52	243	8 / 96
633527M	27	38.0	36.0	19	52	238	8 / 96
633528M	28	39.0	36.0	19	52	233	8 / 96
633529M	29	40.0	38.0	19	52	261	8 / 96
633530M	30	42.0	38.0	21	54	295	6 / 48
633531M	31	43.0	38.0	23	55	305	6 / 48
633532M	32	44.0	38.0	23	56	317	6 / 48
633533M	33	46.0	39.0	23	56	351	6 / 48
633534M	34	47.0	42.0	24	57	400	6 / 48
633535M	35	48.0	42.0	25	58	406	6 / 36
633536M	36	50.0	42.0	25	58	434	6 / 36
633537M	37	51.0	45.0	25	59	485	6 / 36
633538M	38	52.0	45.0	27	60	497	6 / 36
633539M	39	53.0	45.0	28	61	520	4 / 32
633540M	40	54.0	45.0	28	62	540	4 / 32

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	盒/箱
633541M	41	56.0	45.0	29	64	581	4 / 32
633542M	42	57.0	45.0	29	64	591	4 / 32
633543M	43	58.0	45.0	29	65	620	4 / 32
633544M	44	60.0	48.0	31	66	695	4 / 32
633545M	45	61.0	48.0	33	67	715	4 / 32
633546M	46	62.0	48.0	33	68	724	4 / 32
633547M	47	63.0	48.0	33	69	755	4 / 32
633548M	48	64.0	48.0	34	70	775	2 / 24
633549M	49	66.0	48.0	34	70	810	2 / 24
633550M	50	68.0	48.0	34	72	889	2 / 24
633551M	51	69.0	50.0	35	73	895	1 / 20
633552M	52	69.0	50.0	35	73	905	1 / 20
633553M	53	70.0	50.0	35	74	975	1 / 20
633554M	54	72.0	50.0	35	75	1010	1 / 20
633555M	55	74.0	50.0	37	76	1095	1 / 20
633556M	56	75.0	50.0	37	76	1145	1 / 20
633557M	57	76.0	50.0	37	76	1195	1 / 20
633558M	58	77.0	50.0	37	78	1225	1 / 20
633559M	59	78.0	50.0	37	78	1250	1 / 20
633560M	60	80.0	50.0	40	78	1275	1 / 20
633563M	63	83.0	55.0	40	81	1390	1 / 12
633565M	65	85.0	58.0	43	83	1510	1 / 12
633570M	70	92.0	58.0	46	88	1805	1 / 12

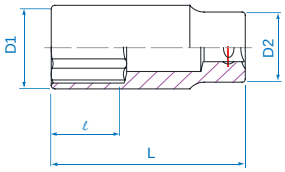
Deep Socket

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

KT No. & D1

6230M — 3/4"

▪ DIN 3124, ISO 2725-1





KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	盒/箱
623032M	32	44.0	38.0	34	90	580	1 / 24
623033M	33	46.0	39.0	34	90	646	1 / 24
623036M	36	50.0	42.0	37	90	724	1 / 24
623039M	39	53.0	45.0	41	90	935	1 / 24

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	盒/箱
623041M	41	56.0	45.0	41	90	864	1 / 24
623046M	46	62.0	48.0	46	95	1093	1 / 10
623050M	50	68.0	48.0	50	95	1220	1 / 10

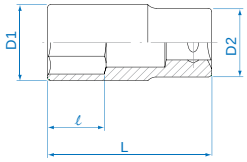
Deep Socket

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

KT No. & D1

6235M — 3/4"

- DIN 3124
  ISO 2725-1





KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
623517M	17	26.0	32.7	20	90	388	2 / 48
623518M	18	28.0	32.7	20	90	411	2 / 48
623519M	19	30.0	32.7	20	90	437	2 / 48
623520M	20	31.0	32.7	22	90	440	2 / 48
623521M	21	32.0	32.7	22	90	444	2 / 48
623522M	22	33.0	35.7	22	90	460	2 / 48
623523M	23	34.0	35.7	24	90	462	2 / 48
623524M	24	35.0	35.7	24	90	477	2 / 48
623525M	25	35.0	35.7	25	90	464	2 / 48
623526M	26	35.7	35.0	25	90	433	1 / 24
623527M	27	38.0	36.0	28	90	431	1 / 24
623528M	28	39.0	36.0	28	90	477	1 / 24
623529M	29	40.0	38.0	28	90	502	1 / 24
623530M	30	42.0	38.0	31	90	584	1 / 24
623531M	31	43.0	38.0	34	90	580	1 / 24
623532M	32	44.0	38.0	34	90	580	1 / 24
623533M	33	46.0	39.0	34	90	646	1 / 24
623534M	34	47.0	42.0	34	90	717	1 / 24
623535M	35	48.0	42.0	37	90	677	1 / 24
623536M	36	50.0	42.0	37	90	724	1 / 24
623537M	37	51.0	45.0	37	90	891	1 / 24
623538M	38	52.0	45.0	41	90	913	1 / 24
623539M	39	53.0	45.0	41	90	935	1 / 24
623540M	40	54.0	45.0	41	90	911	1 / 24

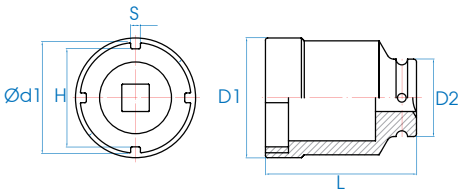
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
623541M	41	56.0	45.0	41	90	864	1 / 24
623542M	42	57.0	45.0	46	95	913	1 / 24
623543M	43	58.0	45.0	46	95	971	1 / 10
623544M	44	60.0	48.0	46	95	1066	1 / 10
623545M	45	61.0	48.0	46	95	1073	1 / 10
623546M	46	62.0	48.0	46	95	1093	1 / 10
623547M	47	63.0	48.0	46	95	1102	1 / 10
623548M	48	64.0	48.0	50	95	1093	1 / 10
623549M	49	66.0	48.0	50	95	1035	1 / 10
623550M	50	68.0	48.0	50	95	1220	1 / 10
623551M	51	69.0	50.0	50	95	1282	1 / 10
623552M	52	69.0	50.0	50	95	1244	1 / 10
623553M	53	70.0	50.0	50	95	1262	1 / 10
623554M	54	72.0	50.0	50	95	1342	1 / 10
623555M	55	74.0	50.0	50	95	1268	1 / 10
623556M	56	75.0	50.0	50	95	1440	1 / 10
623557M	57	76.0	50.0	52	100	1555	1 / 10
623558M	58	78.0	50.0	52	100	1540	1 / 10
623559M	59	78.0	50.0	52	100	1604	1 / 10
623560M	60	80.0	50.0	53	100	1662	1 / 10
623563M	63	83.0	55.0	53	100	1680	1 / 6
623565M	65	85.0	58.0	55	100	1735	1 / 6
623570M	70	92.0	58.0	55	100	1979	1 / 6

Axial Lock Nut Socket

- Material - chrome vanadium steel
- Finishing - phosphate sunk

64K9M — 3/4"

- Special for SKF bearing.





KT NO.	Designation	mm	H mm	S mm	D1 mm	D2 mm	Ød1 mm	L mm	g	
64K975M	TMFS 11	75	69.4	6.8	83.5	54	77	1600	105	1 / 6

Bit Socket

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



KT No. & D1

6023 — 3/4"

- For torx internal screw
- DIN 3120
- E.g. on commercial vehicles and agricultural machinery
- Screw of the steering tie lever on commercial vehicles MAN
- 602380: for M series
- 6023A0: for F series



602360 6023A0

KT NO.	Size	L mm		
602360	T60	80	250	2/48
602370	T70	80	255	2/48
602380	T80	80	320	2/48
602390	T90	80	330	2/48
6023A0	T100	80	349	2/48

6025 — 3/4"

- HEXAGON head
- DIN 7422



602514 602519

KT NO.	mm	L mm		
602514	H14	80	258	2 / 48
602517	H17	80	269	2 / 48
602519	H19	80	278	2 / 48
602522	H22	80	359	2 / 48

Ratchet & Accessory

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

6724 — 3/4"

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

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



6724DK



6779 — 3/4"

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

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



6779DK



6251 — 3/4"

- Extension bar
- DIN 3123



KT No. & D1

KT NO.	Overall legth inch	mm		
6251-04	4	100	400	4 / 40
6251-08	8	200	732	2 / 20
6251-16	16	400	1362	1 / 10



Ratchet & Accessory

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

6452 — 3/4"

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

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



6452DK



6572 — 3/4"

- Sliding T-handle
- DIN 3122

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



6572DK



6581 — 3/4"

- 90° L-handle

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



6585 — 3/4"

- Double driver L-handle 90°

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



6791 — 3/4"

- Universal joint
- DIN 3123, ISO 3316

KT No. & D1



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

6814 / 6818 — 3/4"

- Adapter
- Convert to 1/2" drive or 1" drive
- 6814→Max. torque:666 Nm
- DIN 3123, ISO 3316

KT No. & D1

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



3/4" drive(F)

6814 / 6818

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

Socket Set

6013MR 6013MR01 3/4"

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



6013MR



6013MR01

13 PC.

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

6014MR 6314MR 3/4"

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



6014MR



6314MR

14 PC.

KT NO.		Contents				13.8	1
6014MR	○ 6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6779-20F	6251-08 6251-16	6572-20		
6314MR	○ 6335M						

6016MR 6016SR 6316MR 3/4"

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



6316MR



6016MR/6016SR

16 PC.

KT NO.		Contents				14.0	1
6016MR	○ 6330M	21, 22, 23, 24, 27, 30, 32, 36, 38, 41, 46, 50	6779-20F	6251-08 6251-16	6572-20		
6316MR	○ 6335M						
6016SR	○ 6330S	7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4, 1-3/8, 1-1/2, 1-5/8, 1-3/4, 1-7/8, 2					

Socket Set

6023MR 6023SR 6323MR 3/4"

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



6323MR



6023MR/6023SR

23 PC.

17.1 1

KT NO.		Contents	
6023MR	6330M	21, 22, 23, 24, 26, 27, 28, 29, 30, 32, 34, 35, 36, 38, 41, 46, 50	6779-20F, 6251-04, 6251-08, 6251-16
6323MR	6335M		
6023SR	6330S	7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-9/16, 1-5/8, 1-3/4 1-13/16, 1-7/8, 2	6572-20, 6791

6224CR 3/4"

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



24 PC.

15.5 1

KT NO.		Contents	
6224CR	6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6779-20F, 6251-08, 6251-16, 6572-20
	6330S	1, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 2	

6226CR 3/4"

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



26 PC.

15.5 1

KT NO.		Contents	
6226CR	6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6251-04, 6251-08, 6572-20, 6452-18F
	6330S	7/8, 15/16, 1, 1-1/8, 1-3/16, 1-5/16, 1-3/8, 1-7/16, 1-5/8, 1-3/4, 1-7/8, 2	

Socket Set

6014MR12 3/4"

Blow case size(mm)
422 x 372 x 92 (0.51 cuft)

14 PC.



Contents	10.8	1 / 2
6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	
6251-04 6251-08	6779-20F	
6572-20		

6314MR12 3/4"

Blow case size(mm)
422 x 372 x 92 (0.51 cuft)

14 PC.



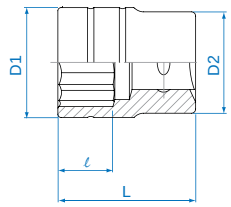
Contents	10.8	1 / 2
6335M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	
6251-04 6251-08	6779-20F	
6572-20		

Standard Socket

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

8330M 1"

▪ DIN 3124, ISO 2725-1

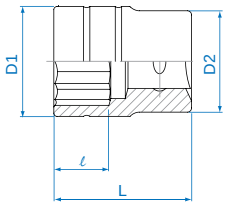




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
833036M	36	52	48	26	65	449	1 / 24
833038M	38	54	48	26	65	478	1 / 24
833041M	41	58	50	29	70	557	1 / 24
833046M	46	65	54	32	75	849	1 / 24
833050M	50	70	54	34	75	996	1 / 20
833054M	54	74	57	38	80	1145	1 / 20
833055M	55	76	57	42	83	1206	1 / 12
833058M	58	79	57	42	83	1263	1 / 12
833060M	60	82	58	46	87	1470	1 / 12
833063M	63	86	58	46	87	1555	1 / 12
833065M	65	88	65	49	90	1670	1 / 12
833067M	67	91	70	49	91	1670	1 / 12
833070M	70	94	70	50	93	2100	1 / 8
833071M	71	95	70	50	93	2068	1 / 8
833075M	75	100	70	50	95	2310	1 / 8
833077M	77	103	80	52	100	2557	1 / 8
833080M	80	107	80	52	100	2580	1 / 8

8330S 1"

▪ ANSI/ASME B107.1





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

Ratchet

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

8779 1"

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

KT NO.	Overall legth inch	Overall legth mm	g	
8779-32F	32	800	4400	5
8779DK	renewal kits		-	-



8779DK



Accessory

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

8251 1"

- Extension bar
- DIN3123



KT NO.	Overall length inch	Overall length mm	g	
8251-08	8	200	1350	1 / 16
8251-16	16	400	2480	1 / 10

8581 1"

- L-handle
- DIN 3122



KT NO.	Overall length inch	Overall length mm	g	
8581-26	26	650	5120	4

8572 1"

- Sliding T-handle
- DIN 3122



8572DK



KT NO.	Overall length inch	Overall length mm	g	
8572-25	25	630	4200	6
8572DK	renewal kits		-	-

8816 1"

- Adapter
- Convert to 3/4" drive
- Max. torque:1836 Nm
- DIN 3123, ISO 3316



KT NO.	Spec.	g	
8816	1"F x 3/4"M	330	6 / 48

Socket Set

8015MR 8015SR 1"

Metal case size (mm) :
660 x 205 x 108 (0.52 cuft)



14 PC.

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

Socket Rail Set

7112PR 3/8"+1/2"

- Socket rail 260mmL
  - Rail with 5 PC. 3/8" & 6 PC. 1/2" drive drive clip

12 PC.



Contents — 0.76 kg — 24

3375M	E4, E5, E6, E8	
4375M	E10, E12, E14, E16, E18, E20	
3571-08	8771011	3814

7113PR 3/8"+1/2"

- Socket rail 260mmL
  - Rail with 6 PC. 3/8" drive & 6 PC. 1/2" drive clip

12 PC.



Contents — 0.6 kg — 32

3375M	E4, E5, E6, E7, E8, E11	
4375M	E10, E12, E14, E16, E18, E20	
8771012		

Socket Set

5022MR 5022SR 5522MR 1/4"+3/8"

Metal case size (mm) :
285 x 135 x 45 (0.059 cuft)



5022MR / 5522MR



5022SR

21 PC.

1.60 kg / 1 / 10

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

5039CR 1/4"+3/8"

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

Contents — 2.60 kg / 1 / 10

2335M	4.5, 5, 6, 7, 8, 9, 10, 11, 12
2335S	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
3330M	9, 10, 11, 12, 13, 14, 16, 17, 19
3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4

3769-08F, 3221-03, 2178AE, 363021, 3812



39 PC.

Socket Set

5092CR 1/4"+3/8"

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



91 PC.

Contents — 4.4 kg / 1 / 4

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2
3330M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22
2015MX	H3, H4, H5, H6, H8, H10
2015SX	1/8, 3/16, 7/32, 1/4, 5/16, 3/8
2011X	PH1, PH2, PH3, PH4
1115-03	H1.5, H2, H2.5

3769-08F, 2571-45, 2452-05F, 2178AE

363516, 3792, 3812, 2221-02, 2221-04, 3221-03, 3221-06

3840 3/8" drive spin disc.

2561 cross bar. 4-1/2"L

7558MR 1/4"+1/2"

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



58 PC.

Contents — 3.8 kg / 1 / 4

2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
1025S	4, 6, 8
1025P	PH1, PH2, PH3
1025H	H3, H4, H5, H6, H7, H8
1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
1025Z	PZ1, PZ2, PZ3

2779-55G, 4779-10GR, 2792, 4791R, 2141

2221-02 2221-04, 4251-05R, 2178AE

7120PR

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

7120PR01 3/8"+1/2"



20 PC.

Contents — 2.1 kg / 1 / 10

KT NO.		
7120PR	4023	T30, T40, T45, T50, T55
7120PR01	4027	T30H, T40H, T45H, T50H, T55H

3375M	E6, E7, E8, E10
4375M	E12, E14, E16, E18, E20
3023	T10, T15, T20, T25, T27
4813	

Socket Set

9033CR

9035CR 1/4"+3/8"+1/2"

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



9033CR



9035CR

135 PC.

12.3 | 1 / 2

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

Socket Set

9063MR | 9063MR01
9563MR | 9563MR01 1/4"+3/8"+1/2"

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

62 PC.



9063MR/9563MR



9063MR01/9563MR01

KT NO.		Contents			7.4	1 / 2
9063MR	○ 4330MR	4330MR / 4335MR 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 3330M / 3335M 8, 9, 10, 11, 12, 13, 14, 15, 17, 19	○ 363021	4768-10F 3769-08F	○ 2335M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12
	○ 3330M				◉ 3023	T20, T25, T27, T30, T40
9563MR	○ 4335MR		○ 363521	○ 3235M 12, 14, 17, 19	◉ 3025	H4, H5, H6, H8, H10
	○ 3335M				2571-45	2221-04
9063MR01	○ 4330MR		○ 363021	4755-10G 3779-08G	3571-08	3221-06
	○ 3330M				4572-12	4251-06R
9563MR01	○ 4335MR		○ 363521	○ 3235M 10, 13, 17, 19	3792	4791R 3812
	○ 3335M					

Tool Combination Set

90337MR

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

37 PC.

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



Socket & Tool Set

7077MR new

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

7577MR 1/4"+ 1/2"

77 PC.



7.52 | 1 / 2

KT NO.	Contents		
new 7077MR	2330M 4, 5, 6, 7, 8, 9, 10, 11, 12 2230M 8, 10, 12, 13 4330MR 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32	463016R 463021R	1115-03 1.5, 2, 2.5 1025P PH1, PH2, PH3 1025S 3, 4, 5, 6 1025H H3, H4, H5, H6 1025T T10, T15, T20, T25, T27, T30, T40 1421 PH1 x 80, PH2 x 100, PH3 x 150 1422 4 x 100, 6.5 x 100 1060 8, 10, 12, 13, 14, 15, 17, 19
7577MR	2335M 4, 5, 6, 7, 8, 9, 10, 11, 12 2235M 8, 10, 12, 13 4335MR 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32	463516R 463521R	

4771-10GR
2771-55G
6111-07
6516-10
2178DF
7821-50
2571-45
4222-10
2221-03
2312-06
4251-05R
2792
4791R
3824
2141

Socket & Tool Set

7081MR
7581MR
7081MR01
7581MR01 1/4"+1/2"

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

81 PC.



7581MR01 / 7081MR01



7581MR / 7081MR

KT NO.			Contents	
7081MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	4771-10GR	463016R	1421 PH1 x 80, PH2 x 100 1422 4 x 100, 5.5 x 125, 6.5 x 150 1025H H3, H4, H5, H6, H7, H8 1025T T20, T25, T30, T40 1120MR H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 1147R T10H, T15H, T20H, T25H, T27H, T30H, T40H 1060 6, 7, 8, 10, 12, 13, 14, 15, 17, 19 276A-04G 6111-06 6311-06 6516-10 76104-05 76215-05 76404-06 2221-04 9DC22 79831 7821-50 4251-05R 750-60 2792 4791R
7081MR01	4330MR 10, 11, 12, 13, 14, 15, 17, 19, 22, 24	4755-10G	463021R	
7581MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	4771-10GR	463516R	
7581MR01	4335MR 10, 11, 12, 13, 14, 15, 17, 19, 22, 24	4755-10G	463521R	

7.14 1 / 2

Socket & Tool Set

7082MR new

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

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

83 PC.





KT NO.	Contents				Kg 5.65 / 1 / 4
7082MR	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1060	8, 10, 11, 12, 13, 14, 17, 19	1836T T40, T45, T50, T55
	4330MR	14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32	2031	PH1, PH2	1836Z PZ3, PZ4
	463016R	463021R	2032	4, 5.5, 6.5	2771-55G
			2033	T8, T10, T15, T20, T25, T27, T30	4771-10G
			2035	H3, H4, H5, H6	2178DF
7582MR	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2038	PZ1, PZ2	2792 4791R 2221-02 2221-04
	4335MR	14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32	1836P	PH3, PH4	4251-05R
	463516R	463521R	1836S	8x1.2, 10x1.6, 12x2.0	4222-10
			1836H	H8, H10, H12, H14	2312-06
					2571-45
					79831 3824
					7702-25 414810S

Socket & Tool Set

7087MR new

7587MR01 new

7587MR

7587SR new 1/4"+1/2"

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

87 PC.



7087MR / 7587MR



7587MR01



7587SR

Kg 9.2 / 1 / 2

KT NO.	Contents		
new 7087MR	2330M 5, 5.5, 6, 7, 8, 10, 11, 12, 13 2230M 7, 8, 10, 12, 13 20107MR01 4330MR 10, 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32 1060 8, 10, 12, 13, 14, 15, 17, 18, 19, 22	2312-06 463016R	1636H H5, H6, H7, H8, H10, H12 1636M M6, M8, M10, M12 1636T T30, T40, T45, T50, T55, T60 1421 PH1 x 80, PH2 x 100 1422 4 x 100, 5.5 x 100 463014R 414810M 4791R 2792 4251-05R 2571-45 4453-15FR 2779-55G 4779-10GR 6111-06 6231-07 6516-10 20407PR 19980016 19980410
7587MR	2335M 5, 5.5, 6, 7, 8, 10, 11, 12, 13 2235M 7, 8, 10, 12, 13 4335MR 10, 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32 1060 8, 10, 12, 13, 14, 15, 17, 18, 19, 22	2312-06	
new 7587MR01	463516R 20107MR01	2221-06	
new 7587SR	2335S 5/32, 3/16, 1/4, 9/32, 5/16, 11/32, 7/16, 1/2 2235S 9/32, 5/16, 3/8, 7/16, 1/2 20107SR 4335SR 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1-1/16, 1-1/8, 1-1/4 5060 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8	2312-06 463516R	

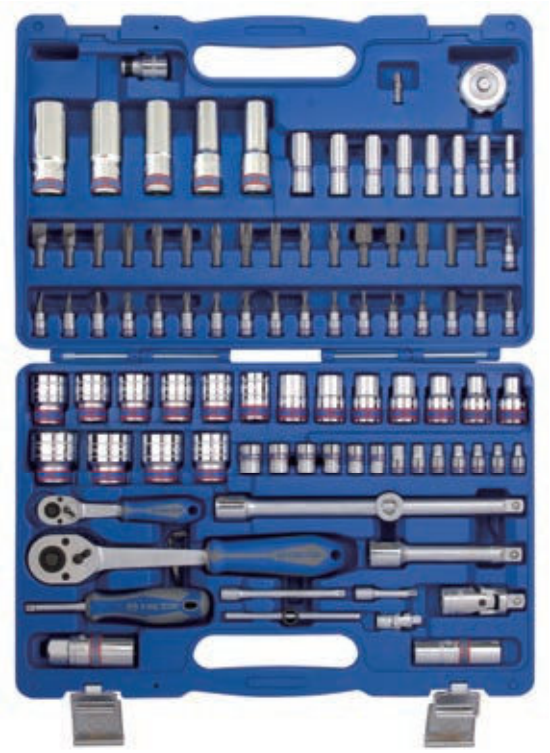
Socket & Tool Set

7096MR new

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

7596MR 1/4"+1/2"

96 PC.



6.22 | 1 / 4

KT NO.	Contents		
new 7096MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2031 PH1, PH2	2771-55G
	2230M 6, 7, 8, 9, 10, 11, 12, 13	2032 4, 5.5, 6.5	2178DF
	4230M 14, 15, 17, 19, 22	2033 T8, T10, T15, T20, T25, T27, T30	4771-10G
	4330MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	2035 H3, H4, H5, H6	2571-45
	4630R 16, 21	2038 PZ1, PZ2	4222-10
7596MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1836P PH3, PH4	2221-02 2221-04
	2235M 6, 7, 8, 9, 10, 11, 12, 13	1836S 8x1.2, 10x1.6, 12x2.0	4251-05R
	4235M 14, 15, 17, 19, 22	1836T T40, T45, T50, T55	2792 4791R 2745
	4335MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	1836H H7, H8, H10, H12, H14	3824 7702-25
	4635R 16, 21	1836Z PZ3, PZ4	414810S
		1115-03 1.5, 2, 2.5	

Socket & Tool Set

7098MR new

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

7598MR new 1/4"+1/2"

97 PC.



KT NO.	Contents	8.87 / 1 / 2
7098MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	1421 PH2 x 38, PH2 x 100, PH3 x 150
	2330M 7, 8, 10, 12, 13	1422 4 x 100, 6.5 x 38
	4330MR 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	1462 6.5 x 150
	463016R 463021R	1025S 4, 5.5, 7, 8
		1025P PH0, PH1, PH2, PH3
7598MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	1025H H1.5, H2, H2.5, H3, H4, H5, H6, H7, H8, H10
	2335M 7, 8, 10, 12, 13	1025U T8H, T10H, T15H, T20H, T25H, T27H, T30H, T40H
	4335MR 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	1025Z PZ1, PZ2, PZ3
	463516R 463521R	1060 6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19

4771-10BR 2771-55F
2571-45 4573-10
4121-11GR 6111-06
6516-10 2178DF
4583-12R 4251-10R
2221-02 2221-04 2792
4223-02R 4791R
2141

Socket & Tool Set

7003MR new

7503MR 1/4"+ 1/2"

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

103 PC.



9.24 | 1 / 2

KT NO.	Contents	
new 7003MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10	2375M E4, E5, E6, E7, E8, E10
	4330MR 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	4375M 11, 12, 14, 16, 18
	463016R 463021R	1060 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
		1930 8 x 10, 11 x 13, 12 x 14, 17 x 19
		1025H H2, H2.5, H3, H4 , H5, H6, H7, H8, H10
		1025M M4, M5, M6, M8, M10
		1025T T15, T20, T25, T27, T30, T40, T45, T50
		1421 PH1 x 80, PH2 x 100
		1422 5.5 x 125, 6.5 x 150
7503MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10	
	4335MR 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	
	463516R 463521R	

4771-10GR
2771-55G
6111-07
2178DF
3611-08R
2221-03
2221-06
2571-45
4572-10
2312-06
4251-05R
4251-10R
2792
4791R
4223-02R
2128-26
2141

Socket & Tool Set

7010MR

7510MR new 1/4"+1/2"

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

110 PC.



7010MR



7510MR



KT NO.		Contents			9.2	1 / 2
7010MR	2230M 8, 10, 12, 13	1025P PH0, PH1, PH2, PH3	1145MR 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10			
	2330M 5, 5.5, 6, 7, 8, 10, 12, 13, 14	1025H H2.5, H3, H4, H5, H6	1060 8, 10, 12, 13, 14, 15, 17, 18, 19			
	4230M 14, 17, 19, 22	1025S 3, 4, 5, 6.5	4771-10GR	276A-04G		
	4330MR 8, 10, 12, 13, 14, 15, 17, 18, 19, 22, 24, 27, 30	1025T T15, T20, T25, T27, T30	2178DF	6111-06	6211-06	
	463014RC	463016R	1025Z PZ1, PZ2	6516-10	79831	
7510MR new	2235M 8, 10, 12, 13	1636H H5, H6, H7, H8, H10, H12	4452-15FR	2452-05F		
	2335M 5, 5.5, 6, 7, 8, 10, 12, 13, 14	1636M M6, M8, M10, M12	4251-05R 4251-10R	2221-04		
	4235M 14, 17, 19, 22	1636T T30, T40, T45, T50, T55, T60	9DC22	7821-50		
	4335MR 8, 10, 12, 13, 14, 15, 17, 18, 19, 22, 24, 27, 30	1421 No.1 x 80, No.2 x 100, No.2 x 38	4791R	2792	414810M	
	463514RC	463516R	1422 5.5 x 100, 6.5 x 150, 6.5 x 38	2141		

Socket & Tool Set

7011MR new

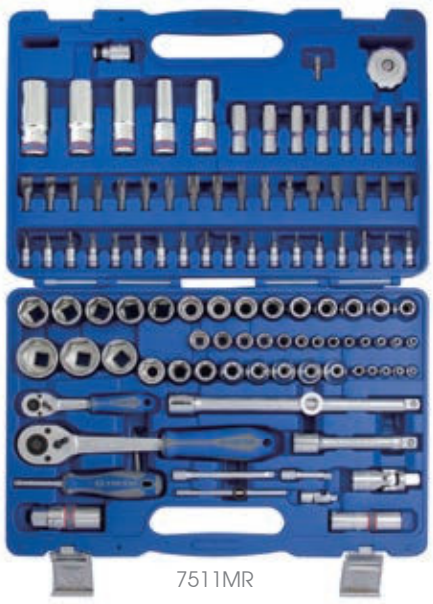
Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

7511MR 1/4"+1/2"

110 PC.



7011MR



7511MR

KT NO.		Contents	Kg 6.90 / 1 / 4
new 7011MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 2230M 6, 7, 8, 9, 10, 11, 12, 13 4230M 14, 15, 17, 19, 22 4330MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 463016R 463021R	2375M E4, E5, E6, E7, E8 4375M E10, E11, E12, E14, E16, E18, E20, E24 2031 PH1, PH2 2032 4, 5.5, 6.5 2033 T8, T10, T15, T20, T25, T27, T30 2035 H3, H4, H5, H6 2038 PZ1, PZ2 1836P PH3, PH4 1836S 8x1.2, 10x1.6, 12x2.0 1836T T40, T45, T50, T55, T60 1836H H7, H8, H10, H12, H14 1836Z PZ3, PZ4	1115-03 1.5, 2, 2.5 2771-55G 4771-10GR 2178DF 2221-02 2221-04 4222-10 4251-05R 2571-45 3824 414810S 2792 4791R 2745 7702-25
7511MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 2235M 6, 7, 8, 9, 10, 11, 12, 13 4235M 14, 15, 17, 19, 22 4335MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32 463516R 463521R		

Socket & Tool Set

7028MR new | 7528MR | 7528MR01 new | 1/4"+1/2"

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

128 PC.



7028MR 7528MR 7528MR01

KT NO. | Contents | 14.95 | 1 / 2

new 7028MR

- 2330M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
- 2230M — 7, 8, 10, 12, 13
- 4230M — 10, 12, 13, 14, 15, 17, 19
- 4330MR — 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32
- 463016R
- 463021R
- 2755-55G
- 4755-10G
- 1060 — 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,17, 19, 21, 22, 24, 27, 30, 32
- 1930 — 8 x 10, 9 x 11, 12 x 13, 14 x 17, 17 x 19
- 1143 — T10, T15, T20, T25, T27, T30, T40
- 1145 — H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
- 1422 — 5 x 75, 6.5 x 38, 6.5 x 100
- 1421 — PH1 x 80, PH2 x 38, PH2 x 100
- 2033 — T10, T15, T20, T25, T27
- 2035 — H4, H5, H6, H7, H8, H10
- 4025 — H12, H14, H17
- 7821-50
- 6111-07 6211-06
- 6511-10
- 4452-15FR
- 2571-45
- 4572-10
- 2293-02 2293-06
- 2221-03 2221-06
- 4223-02R 4251-05R 4251-10R
- 76215-05
- 76404-06
- 76505-05
- 76104-05
- 76303-05
- 2128-26
- 2792 4791R

7528MR

- 2335M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
- 2235M — 7, 8, 10, 12, 13
- 4235M — 10, 12, 13, 14, 15, 17, 19
- 2755-55G
- 4755-10G

new 7528MR01

- 4335MR — 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32
- 463516R
- 463521R
- 2771-55G
- 4771-10G

Socket & Tool Set

7053MR01 new

7553MR01 new 1/4"+1/2"

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

153 PC.



7053MR01



7553MR01

KT NO. | Contents | 14.17 | 1 / 2

new 7053MR01

- 2330M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
- 4330MR — 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32
- 2230M — 6, 7, 8, 9, 10, 11, 12, 13
- 4230M — 13, 14, 17, 19, 22
- 2375M — E4, E5, E6, E7, E8
- 4375M — E10, E12, E14, E16, E18, E20
- 1461 — PH1 x 75, PH2 x 100
- 1462 — 5.5 x 100, 6.5 x 150
- 1421 — PH2 x 38
- 1422 — 6.5 x 38
- 1025S — 4, 5.0, 6.5
- 1025P — PH0, PH1, PH2
- 1025H — H3, H4, H5, H6
- 1025Z — PZ1, PZ2, PZ3
- 1025T — T10, T15, T20, T25, T27, T30, T40
- 1636H — H5, H6, H7, H8, H10, H12
- 1636M — M6, M8, M10, M12
- 1636T — T30, T40, T45, T50, T55, T60
- 1680H — H5, H6, H7, H8, H10, H12
- 1680M — M6, M8, M10, M12
- 1680T — T25, T30, T40, T45, T50, T55
- 463014RC
- 463016R
- 1060 — 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27
- 1930 — 8x10, 11x13, 12x14
- 4771-10GR
- 2771-55G
- 6511-10
- 6111-06
- 6211-06
- 2178DF
- 4462-18FR
- 2452-05F
- 2221-02, 2221-06
- 4251-05R, 4251-10R
- 2792, 4791R
- 4223-02R
- 2142
- 414810M

new 7553MR01

- 2335M — 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
- 4335MR — 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32
- 2235M — 6, 7, 8, 9, 10, 11, 12, 13
- 4235M — 13, 14, 17, 19, 22

Socket & Wrench Set

9043MR new

9543MR new 1/4"+3/8"+1/2"

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

143 PC.



9043MR



9543MR



13.7 1 / 2

KT NO.	Contents
new 9043MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10 3330M 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 4330MR 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32 4630 16, 21 2375M E4, E5, E6, E7, E8 4375M E10, E12, E14, E16, E20 1025P PH0, PH1, PH2, PH3 1025S 4, 5.5, 7 1025U T10, T15, T20, T25, T27, T30, T40 1025H H2, H3, H4, H5, H6, H7, H8, H10 1025Z PZ0, PZ1, PZ2, PZ3 1421 PH2 x 38, PH1 x 80 1461 PH2 x 100 1422 6.5 x 38, 5.5 x 75 1462 6.5 x 150 1060 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 1930 8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19 1145MR H1.5, H2.0, H2.5, H3.0, H4.0, H5.0, H6.0, H8.0, H10 4771-10G 2771-55G 6111-07 2178DF 3781-11F 4452-18FR 4581-10 6011-10R 4222-10 2312-06 2221-02 2221-04 2221-06 3221-03 3221-06 4251-03R 3824 3812 2792 3792 4791R 2141 7821-30 79093-03M 79831
new 9543MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10 3330M 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 4335M 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32 4635 16, 21 2375M E4, E5, E6, E7, E8 4375M E10, E12, E14, E16, E20 1025P PH0, PH1, PH2, PH3 1025S 4, 5.5, 7 1025U T10, T15, T20, T25, T27, T30, T40 1025H H2, H3, H4, H5, H6, H7, H8, H10 1025Z PZ0, PZ1, PZ2, PZ3 1421 PH2 x 38, PH1 x 80 1461 PH2 x 100 1422 6.5 x 38, 5.5 x 75 1462 6.5 x 150 1060 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 1930 8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19 1145MR H1.5, H2.0, H2.5, H3.0, H4.0, H5.0, H6.0, H8.0, H10 4771-10G 2771-55G 6111-07 2178DF 3781-11F 4452-18FR 4581-10 6011-10R 4222-10 2312-06 2221-02 2221-04 2221-06 3221-03 3221-06 4251-03R 3824 3812 2792 3792 4791R 2141 7821-30 79093-03M 79831

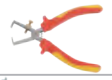
Tools Bag Set

91333MQ

▪ Electrician tool bag set

33 PC.

Contents — 6.02 kg / 1 / 1

	1471	VDE NO.2 x 100
	1472	VDE 6.5 x 150
	6116-07A	VDE 7-1/2"
	6216-06A	VDE 6-1/2"
	6318-08A	VDE 8-1/4"
	6716-06A	VDE 6-1/4"
	20109MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10
	20129SR	1/16, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 5/64
	3611-08R	200mm
	1421	PH1 x 80, PH2 x 100
	1422	5 x 75, 5 x 100, 6.5 x 100, 6.5 x 150
	79093-05C	5M/16FT 19mm
	7971-07	165mm



87711C
Overall size:
550x285x370mm / 39inner pockets

92543MR

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

92543MR01 1/4"

43 PC.



92543MR



92543MR01

KT NO. — Contents — 2.49 kg / 1 / 10

92543MR


79093-03C


7976-65

92543MR01


79093-03M


7971-07


2335M — 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14

1421 — PH0 x 60, PH1 x 100, PH2 x 38, PH2 x 150

1422 — 3.0 x 75, 6.5 x 38, 6.5 x 150


1025Z — PZ1, PZ2, PZ3


1025T — T10, T15, T20, T25, T27, T30, T40


6511-10


6111-07


2178DF


3611-08P


20317MR

8720813

2141


2792

IMPACT SOCKETS & ACCESSORIES

- 1/4" Drive
  Impact Socket
- 3/8" Drive
  Impact Socket, Bit Socket & Accessory
- 1/2" Drive
  Impact Socket, Bit Socket Accessory
- 3/4" Drive
  Impact Socket, Bit Socket & Accessory
- 1" Drive
  Impact Socket & Accessory
- 1-1/2" Drive
  Impact Socket & Accessory
- 2-1/2" Drive
  Impact Socket
- 3-1/2" Drive
  Impact Socket

Professional production & quality control



KING TONY impact socket 50% higher torque on performance.

Quality control also ensure that a sufficient level of production output. King Tony uses advance technology to inspect tiny difference on each step. Our Impact socket reach 50% higher torque than DIN standards.


KING TONY
90Ft-Lbs(120Nm)

Standard Impact Socket

2535M — 1/4"

▪ DIN 3129, ISO 2725-2

KT No. & D1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
253504M	4	7.5	13	4	23	12	20 / 600
253545M	4.5	8.1	13	5	23	12	20 / 600
253505M	5	8.8	13	6	23	12	20 / 600
253555M	5.5	9.4	13	6	23	13	20 / 600
253506M	6	10.0	13	7	23	13	20 / 600
253507M	7	11.3	13	7	23	13	20 / 600
253508M	8	12.5	13	8	23	13	20 / 600
253509M	9	13.8	13	8	23	15	12 / 360
253510M	10	15.0	13	9	23	18	12 / 360
253511M	11	16.3	13	9	23	20	12 / 360
253512M	12	17.5	13	9	23	21	12 / 360
253513M	13	18.8	13	9	23	22	12 / 360
253514M	14	19.8	13	9	23	23	10 / 300

3535M — 3/8"

▪ DIN 3129, ISO 2725-2



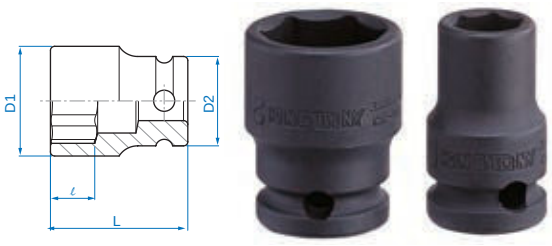
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
353506M	6	10.6	19	5	32	31	12 / 360
353507M	7	11.8	19	5	32	33	12 / 360
353508M	8	13.2	19	6	32	34	12 / 360
353509M	9	14.5	19	6	32	39	12 / 360
353510M	10	15.5	19	7	32	38	12 / 360
353511M	11	17.0	19	7	32	38	12/ 360
353512M	12	18.2	19	8	32	41	12 / 360
353513M	13	19.4	22	9	32	53	10 / 200
353514M	14	20.7	22	9	32	54	10 / 200
353515M	15	22.0	22	10	32	55	10 / 200
353516M	16	23.8	22	10	32	57	10 / 200
353517M	17	24.8	22	11	32	60	10 / 200
353518M	18	25.8	22	11	32	63	10 / 200
353519M	19	27.6	22	13	32	64	10 / 160

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

KT No. & D1

3535S — 3/8"

▪ ANSI/ASME B107.2

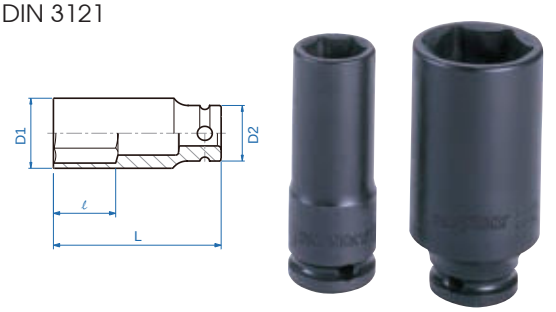


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
353508S	1/4	10.8	19	5	32	31	12 / 360
353510S	5/16	13.0	19	6	32	34	12 / 360
353512S	3/8	15.3	19	7	32	38	12 / 360
353514S	7/16	17.0	19	7	32	38	12 / 360
353516S	1/2	18.2	19	9	32	53	12 / 360
353518S	9/16	20.7	22	9	32	53	10 / 200
353520S	5/8	23.8	22	10	32	57	10 / 200
353522S	11/16	24.5	22	11	32	60	10 / 200
353524S	3/4	27.0	22	11	32	64	10 / 160

Deep Impact Socket

3435M — 3/8"

▪ DIN 3121

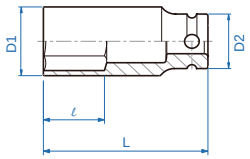


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
343506M	6	10.6	19	10	65	62	6 / 120
343507M	7	11.8	19	10	65	66	6 / 120
343508M	8	13.2	19	12	65	71	6 / 120
343509M	9	14.5	19	12	65	76	6 / 120
343510M	10	15.5	19	12	65	82	6 / 120
343511M	11	17.0	19	13	65	84	6 / 120
343512M	12	18.2	19	14	65	93	6 / 120
343513M	13	19.4	22	14	65	113	6 / 120
343514M	14	20.7	22	14	65	114	6 / 120
343515M	15	22.0	22	16	65	125	6 / 120
343516M	16	23.8	22	16	65	126	6 / 96
343517M	17	24.8	22	17	65	138	6 / 96
343518M	18	25.8	22	18	65	144	6 / 96
343519M	19	27.6	22	20	65	154	6 / 96
343520M	20	28.3	22	20	65	148	6 / 96
343521M	21	29.5	22	22	65	156	6 / 96
343522M	22	30.8	22	22	65	172	5 / 60
343523M	23	32.0	22	24	65	177	5 / 60
343524M	24	32.5	22	24	65	180	5 / 60

Deep Impact Socket

3435S — 3/8"

- ANSI/ASME B107.2



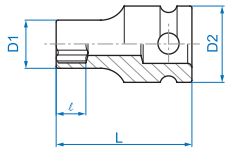


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
343508S	1/4	10.8	19	10	63.5	62	6 / 120
343510S	5/16	13.0	19	12	63.5	71	6 / 120
343512S	3/8	15.3	19	12	63.5	82	6 / 120
343514S	7/16	17.0	19	13	63.5	84	6 / 120
343516S	1/2	18.2	19	14	63.5	113	6 / 120
343518S	9/16	20.7	22	14	65	114	6 / 120
343520S	5/8	23.8	22	16	65	126	6 / 96
343522S	11/16	24.5	22	17	65	138	6 / 96
343524S	3/4	27.0	22	20	65	154	6 / 96
343526S	13/16	29.5	22	22	65	156	6 / 96
343528S	7/8	30.8	22	22	65	172	5 / 60

Impact Star Socket

3575M — 3/8"

- For torx external screw
- DIN 3121





KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
357505M	E5	9.6	19	4.0	32	31	12 / 360
357506M	E6	10.2	19	5.0	32	31	12 / 360
357507M	E7	10.8	19	6.0	32	33	12 / 360
357508M	E8	11.5	19	6.5	32	33	12 / 360
357510M	E10	12.0	19	7.0	32	34	12 / 360
357512M	E12	14.0	19	9.0	32	34	12 / 360
357514M	E14	17.0	19	9.5	32	40	12 / 360

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

KT No. & D1

Impact Bit Socket



1. Air pressure must not exceed 90PSI (6.3bar)
2. Adjust your air tool to its lowest torque output, should this torque level not be enough, increase it gradually

3051 — 3/8"

- For phillips head screw
- DIN 3121



KT NO.	No.	L mm		
305101	PH1	55	33	12 / 360
305102	PH2	55	35	12 / 360
305103	PH3	55	40	12 / 360
305104	PH4	55	45.8	12 / 360

3052 — 3/8"

- For slotted head screw
- DIN 3121



KT NO.	Tip widh mm	L mm		
305255	5.5	55	32.2	12 / 360
305208	8	55	38.4	12 / 360
305210	10	55	45	12 / 360

3055M — 3/8"

- For hexagon head screw
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm		
305504M	H4	55	20.8	35	12 / 360
305505M	H5	55	36.0	38	12 / 360
305506M	H6	55	62.4	40	12 / 360
305507M	H7	55	97.0	66	12 / 360
305508M	H8	55	144.0	45	12 / 360
305510M	H10	55	264.0	50	12 / 360
305512M	H12	55	480.0	60	12 / 360
305514M	H14	55	650.0	77	12 / 288
305516M	H16	55	680.0	79	12 / 288
305517M	H17	55	715.0	85	12 / 288

Impact Bit Socket

3055S 3/8"

- For hexagon head
- DIN 3121



KT NO.	inch	L mm	Max. torq Nm		
305504S	1/8	55	18.8	28	12 / 360
305545S	9/64	55	20.8	29	12 / 360
305505S	5/32	55	22.5	30	12 / 360
305506S	3/16	55	36.0	35	12 / 360
305507S	7/32	55	62.4	38	12 / 360
305508S	1/4	55	93.6	39	12 / 360
305510S	5/16	55	144.0	46	12 / 360
305512S	3/8	55	264.0	53	12 / 360
305516S	1/2	55	518.0	70	12 / 360

3065M 3/8"

- For hexagon head screw
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm		
306504M	H4	90	20.8	42	8 / 160
306505M	H5	90	36.0	48	8 / 160
306506M	H6	90	62.4	55	8 / 160
306508M	H8	90	144.0	73	8 / 160
306510M	H10	90	264.0	96	8 / 160

3053 3/8"

- For torx internal screw
- DIN 3121



KT NO.	Size	L mm		
305310	T10	55	30	12 / 360
305315	T15	55	30	12 / 360
305320	T20	55	32	12 / 360
305325	T25	55	32	12 / 360
305327	T27	55	33	12 / 360
305330	T30	55	34	12 / 360
305340	T40	55	37	12 / 360
305345	T45	55	41	12 / 360
305350	T50	55	44	12 / 360
305355	T55	55	58	12 / 288
305360	T60	55	65	12 / 288

Impact Accessory

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

KT No. & D1

3147 3/8"

- Bit holder



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

3260 3260P 3/8"

- Extension bar & with ball
- DIN 3121



3260



3260P

KT NO.	Overall length inch	mm		
3260-03	3	75	98.6	6 / 120
3260-04	4	100	121	8 / 160
3260-05	5	125	145	8 / 144
3260-06	6	150	169.8	5 / 100
3260-08	8	200	216	6 / 72
3260-10	10	250	230	6 / 54
3260-03P	3	75	96	6 / 120
3260-04P	4	100	98.6	8 / 160
3260-05P	5	125	145	8 / 144
3260-06P	6	150	168	5 / 100
3260-08P	8	200	216	6 / 72
3260-10P	10	250	230	6 / 54

3862 3862P 3/8"

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



3862



3862P

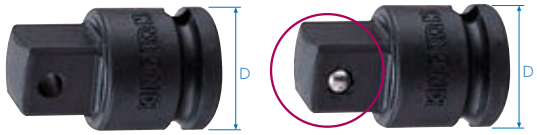
KT NO.	Spec.	D mm		
3862	3/8"F x 1/4"M	20.8	33	24 / 384
3862P	3/8"F x 1/4"M	20.8	33	24 / 384

KT No. & D1

Impact Accessory

3864 3864P 3/8"

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

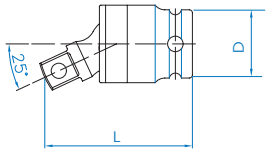


3864 3864P

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

3796 3796P 3/8"

- Universal joint & with ball
- DIN 3121





3796 3796P

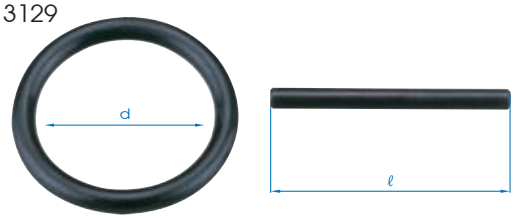
KT NO.	Overall length inch	Overall length mm	D mm	g	
3796	2	50	22	83.4	10 / 200
3796P	2	50	22	83.4	10 / 200

90408 90409 3/8"

- Locking ring
- High tensile rubber material

90608 90609 3/8"

- Locking pin
- Chrome vanadium steel
- DIN 3129



90408 90409 90608 90609

KT NO.	Desp.	ø	d /ℓ	Applied to socket sizes
90408	ring	3.5	12	3535M (6~12 mm)3535S (1/4~1/2 inch) 3435M (6~12 mm) 3435S (1/4~1/2 inch) 3055M (4~12 mm) 3055S (3/16~1/2inch) 3065M (4~10 mm) 3053 (T10~T15) 3575M (E5~E14) 3053.3055.3065.3147.3862.3864
90608	pin	2.5	14	
90409	ring	3.5	15	3535M (13~19 mm) 3535S (9/16~3/4inch) 3435M (13~24 mm) 3435S (9/16~7/8inch) 3260.3796
90609	pin	2.5	16	

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

Impact Bit Socket Set

3406MP 3/8"

- For hexagon head screw
- 55mmL

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

6 PC.



Contents	kg		
3055M	H4, H5, H6, H8, H10, H12	0.72	1 / 20

3410MP 3/8"

- For hexagon head screw
- 55mmL

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

10 PC.



Contents	kg		
3055M	H4, H5, H6, H7, H8, H10, H12 H14, H16, H17	1.05	1 / 20

3419PP 3/8"

- For torx internal head
- 55mmL

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

9 PC.



Contents	kg		
3053	T10, T15, T20, T25, T27, T30, T40, T45, T50	0.62	1 / 20

Stubby Impact Socket

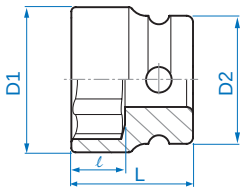
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

4525M — 1/2"

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

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
452513M	13	20	26	5.5	28.5	75	10 / 160
452514M	14	22	26	5.5	28.5	73	10 / 160
452517M	17	26	26	5.5	28.5	66	10 / 160
452519M	19	28	26	10	28.5	64	10 / 160
452521M	21	30	30	10	28.5	82	8 / 160
452522M	22	32	30	10	28.5	88	8 / 160
452524M	24	34	30	10	28.5	97	6 / 120



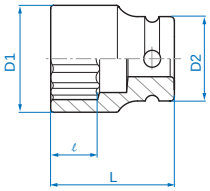


19, 22, 24 mm

Standard Impact Socket

4530M — 1/2"

- DIN 3129, ISO 2725-2

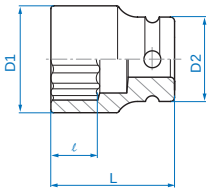




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
453008M	8	15.0	25	7	38	67	10 / 200
453009M	9	16.3	25	7	38	67	10 / 200
453010M	10	17.6	25	8	38	70	10 / 200
453011M	11	18.8	25	8	38	71	10 / 200
453012M	12	20.0	25	9	38	72	10 / 200
453013M	13	21.2	25	10	38	72	10 / 200
453014M	14	22.5	25	10	38	77	10 / 200
453015M	15	23.8	30	11	38	112	10 / 160
453016M	16	25.0	30	11	38	112	10 / 160
453017M	17	26.2	30	12	38	115	10 / 160
453018M	18	27.5	30	13	38	115	10 / 160
453019M	19	28.8	30	13	38	120	10 / 160
453020M	20	29.5	30	13	38	120	10 / 160
453021M	21	30.0	30	14	40	125	8 / 160
453022M	22	32.4	30	14	40	143	8 / 160
453023M	23	33.2	30	15	40	143	8 / 160
453024M	24	34.4	30	15	42	152	6 / 120
453025M	25	36.0	30	15	42	168	6 / 120
453026M	26	37.0	30	15	42	173	6 / 120
453027M	27	38.0	30	16	44	176	6 / 120
453028M	28	41.0	30	16	44	194	6 / 120
453029M	29	41.0	30	17	44	194	6 / 120
453030M	30	42.0	30.5	17	44	201	6 / 120
453032M	32	46.0	30	19	44	205	6 / 120
453033M	33	46.0	30	19	46	227	6 / 96
453034M	34	46.0	30	20	46	231	6 / 96
453036M	36	47.0	30	20	46	248	6 / 96
453038M	38	50.0	30	21	50	248	6 / 60
453041M	41	56.0	30	22	52	248	6 / 60

4530S — 1/2"

- ANSI/ASME B107.2





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	pcs/box
453016S	1/2	20	25	10	38	71	10 / 200
453018S	9/16	22	25	10	38	77	10 / 200
453020S	5/8	24	25	11	38	111	10 / 200
453022S	11/16	26	30	12	38	116	10 / 160
453024S	3/4	28.8	30	13	38	119	10 / 160
453026S	13/16	30	30	14	40	125	8 / 160
453028S	7/8	32	30	14	40	141	8 / 160
453030S	15/16	34	30	15	42	152	6 / 120
453032S	1	36	30	15	42	168	6 / 120
453034S	1-1/16	38	30	16	44	176	6 / 120
453036S	1-1/8	41	30	17	44	194	6 / 120
453038S	1-3/16	42	30.5	17	44	209	6 / 120

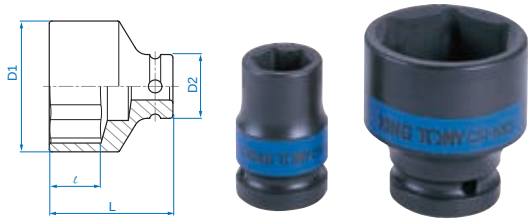
Standard Impact Socket

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

KT No. & D1

4535M 1/2"

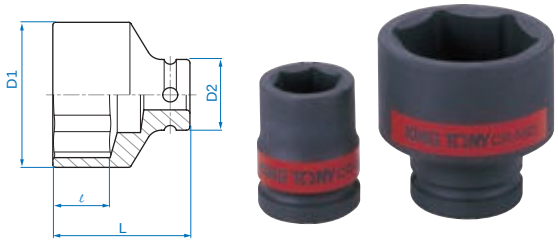
▪ DIN 3129, ISO 2725-2



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
453508M	8	15.0	25	7	38	67	10 / 200
453509M	9	16.3	25	7	38	67	10 / 200
453510M	10	17.6	25	8	38	70	10 / 200
453511M	11	18.8	25	8	38	71	10 / 200
453512M	12	20.0	25	9	38	72	10 / 200
453513M	13	21.2	25	10	38	72	10 / 200
453514M	14	22.5	25	10	38	77	10 / 200
453515M	15	23.8	30	11	38	112	10 / 160
453516M	16	25.0	30	11	38	112	10 / 160
453517M	17	26.2	30	12	38	115	10 / 160
453518M	18	27.5	30	13	38	115	10 / 160
453519M	19	28.8	30	13	38	120	10 / 160
453520M	20	29.5	30	13	38	120	10 / 160
453521M	21	30.0	30	14	40	125	8 / 160
453522M	22	31.8	30	14	40	143	8 / 160
453523M	23	33.8	30	15	40	143	8 / 160
453524M	24	33.8	30	15	42	152	6 / 120
453525M	25	35.8	30	15	42	168	6 / 120
453526M	26	37.8	30	15	42	173	6 / 120
453527M	27	38.0	30	16	44	176	6 / 120
453528M	28	41.0	30	16	44	194	6 / 120
453529M	29	41.0	30	17	44	194	6 / 120
453530M	30	42.0	30.5	17	44	201	6 / 120
453532M	32	46.0	30	19	44	205	6 / 120
453533M	33	46.0	30	19	46	227	6 / 96
453534M	34	46.0	30	20	46	231	6 / 96
453536M	36	47.0	30	20	46	248	6 / 96
453538M	38	50.0	30	21	50	241	6 / 60
453539M	39	51.0	30	22	50	240	6 / 60
453541M	41	56.0	30	22	52	283	6 / 60
453546M	46	64.0	30	23	55	408	4 / 32

4535S 1/2"

▪ ANSI/ASME B107.2



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
453510S	5/16	15	25	7	38	67	10 / 200
453512S	3/8	17	25	7	38	70	10 / 200
453514S	7/16	18	25	8	38	71	10 / 200
453516S	1/2	20	25	10	38	72	10 / 200
453518S	9/16	22	25	10	38	77	10 / 200
453520S	5/8	24	25	11	38	112	10 / 160
453522S	11/16	26	30	12	38	115	10 / 160
453524S	3/4	28.8	30	13	38	120	10 / 160
453526S	13/16	30	30	14	40	125	8 / 160
453528S	7/8	32	30	14	40	143	8 / 160
453530S	15/16	34	30	15	42	152	6 / 120
453532S	1	36	30	15	42	168	6 / 120
453534S	1-1/16	38	30	16	44	176	6 / 120
453536S	1-1/8	41	30	17	44	194	6 / 120
453538S	1-3/16	42	30.5	17	44	201	6 / 120
453540S	1-1/4	46	30	18	44	205	6 / 120

Impact Socket Set

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

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

▪ Standard impact socket

Stand size (mm) :
415 x 336 x 320



4472MP / 4472SP

KT NO.		Contents	Each Q'ty
4472MP	4535M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	8 6 7 6 5
4472SP	4535S	5/16, 3/8, 7/16, 1/2, 9/16 5/8, 11/16, 3/4, 13/16 7/8, 15/16, 1, 1-1/16, 1-1/8 1-3/16, 1-1/4	8 6 7 6 5

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

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

▪ Deep impact socket

Stand size (mm) :
415 x 336 x 320



4466MP / 4466SP

KT NO.		Contents	Each Q'ty
4466MP	4535M	8, 9, 10, 11, 12, 13, 14 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 25, 26, 27, 28, 29 30, 32	8 7 6 5
4466SP	4535S	5/16, 3/8, 7/16, 1/2, 9/16 5/8, 11/16, 3/4, 13/16, 7/8, 15/16 1, 1-1/16, 1-1/8 1-3/16, 1-1/4	8 7 6 5

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

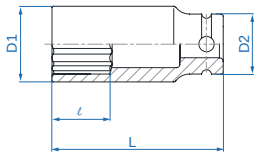
Deep Impact Socket

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

KT No. & D1

4430M 1/2"

▪ DIN 3121

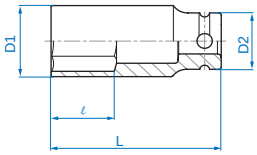




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
443008M	8	15.0	25	12	78	130	6 / 120
443009M	9	16.3	25	12	78	135	6 / 120
443010M	10	17.6	25	12	80	150	6 / 120
443011M	11	18.8	25	13	80	160	6 / 120
443012M	12	20.0	25	14	80	170	6 / 120
443013M	13	21.2	25	14	80	165	6 / 120
443014M	14	22.5	25	14	80	180	6 / 120
443015M	15	23.8	30	16	80	236	6 / 96
443016M	16	25.0	30	16	80	243	6 / 96
443017M	17	26.2	30	16	80	255	6 / 96
443018M	18	27.5	30	17	80	267	6 / 96
443019M	19	28.8	30	18	80	260	6 / 96
443020M	20	29.5	30	20	80	252	6 / 96
443021M	21	30.0	30	20	80	251	6 / 96
443022M	22	32.4	30	22	80	304	5 / 60
443023M	23	33.2	30	24	80	310	5 / 60
443024M	24	34.4	30	24	80	318	5 / 60
443027M	27	38.0	30	27	80	368	5 / 60
443030M	30	42.0	30.5	30	80	422	5 / 50
443032M	32	46.0	30	32	80	460	1 / 24
443036M	36	47.0	30	36	80	535	1 / 24

4435M 1/2"

▪ DIN 3121



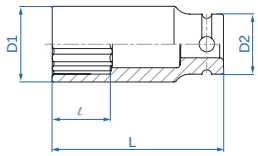


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
443508M	8	15.0	25	12	78	116	6 / 120
443509M	9	16.3	25	12	78	125	6 / 120
443510M	10	17.6	25	12	80	136	6 / 120
443511M	11	18.8	25	13	80	144	6 / 120
443512M	12	20.0	25	14	80	157	6 / 120
443513M	13	21.2	25	14	80	157	6 / 120
443514M	14	22.5	25	14	80	172	6 / 120
443515M	15	23.8	30	16	80	223	6 / 96
443516M	16	25.0	30	16	80	230	6 / 96
443517M	17	26.2	30	16	80	240	6 / 96
443518M	18	27.5	30	17	80	255	6 / 96
443519M	19	28.8	30	18	80	236	6 / 96
443520M	20	29.0	30	20	80	244	6 / 96
443521M	21	30.0	30	20	80	240	6 / 96
443522M	22	31.8	30	22	80	296	5 / 60
443523M	23	33.8	30	24	80	300	5 / 60
443524M	24	33.8	30	24	80	308	5 / 60
443525M	25	35.8	30	24	80	342	5 / 60
443526M	26	37.8	30	27	80	344	5 / 60
443527M	27	38.0	30	27	80	356	5 / 60
443528M	28	41.0	30	27	80	424	5 / 50
443529M	29	41.0	30	27	80	404	5 / 50
443530M	30	42.0	30.5	30	80	416	5 / 50
443532M	32	46.0	30	32	80	510	1 / 24
443533M	33	46.0	30	32	80	521	1 / 24
443534M	34	46.0	30	33	80	539	1 / 24
443536M	36	47.0	30	36	80	556	1 / 24
443538M	38	50.0	30	38	80	617	1 / 24
443541M	41	56.0	30	38	80	635	1 / 24
443546M	46	64.0	30	40	80	825	1 / 24

Deep Impact Socket

4430S 1/2"

▪ ANSI/ASME B107.2

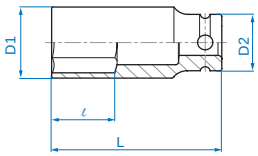




KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
443020S	5/8	24	25	16	80	233	6 / 96
443024S	3/4	28.8	30	18	80	250	6 / 96
443028S	7/8	32	30	22	80	294	5 / 60
443030S	15/16	34	30	24	80	308	5 / 60
443032S	1	36	30	24	80	341	5 / 60
443034S	1-1/16	38	30	27	80	358	5 / 60
443036S	1-1/8	41	30	27	80	401	5 / 50
443040S	1-1/4	46	30	32	80	504	1 / 24
443042S	1-5/16	46	30	34	80	476	1 / 24
443048S	1-1/2	50	30	34	80	564	1 / 24

4435S 1/2"

▪ ANSI/ASME B107.2





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
443510S	5/16	14	25	12	78	123	6 / 120
443512S	3/8	17	25	12	80	148	6 / 120
443514S	7/16	18	25	13	80	148	6 / 120
443516S	1/2	20	25	14	80	159	6 / 120
443518S	9/16	22	25	14	80	170	6 / 120
443520S	5/8	24	25	16	80	232	6 / 96
443522S	11/16	26	30	17	80	235	6 / 96
443524S	3/4	28.8	30	18	80	251	6 / 96
443526S	13/16	30	30	20	80	243	6 / 96
443528S	7/8	32	30	22	80	292	5 / 60
443530S	15/16	34	30	24	80	308	5 / 60
443532S	1	36	30	24	80	336	5 / 60
443534S	1-1/16	38	30	27	80	356	5 / 60
443536S	1-1/8	41	30	27	80	401	5 / 50
443538S	1-3/16	42	30.5	30	80	409	5 / 50
443540S	1-1/4	46	30	32	80	423	1 / 24
443542S	1-5/16	46	30	34	80	476	1 / 24

Impact Thin Wall Socket

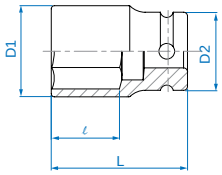
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk



KT No. & D1

4835M 1/2"

▪ DIN 3121

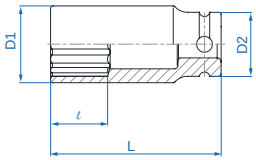




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
483510M	10	16	25	20	52	92	10 / 180
483511M	11	17	25	20	52	92	10 / 180
483512M	12	18	25	20	52	92	10 / 180
483513M	13	19	25	20	52	95	10 / 180
483514M	14	21	25	20	52	101	10 / 180
483516M	16	23	25	20	52	149	8 / 80
483517M	17	25	25	23	52	152	8 / 80
483519M	19	27	30	23	52	148	8 / 80
483521M	21	29	30	25	52	152	8 / 80
483522M	22	31	30	25	52	164	8 / 80
483523M	23	32	30	26	52	172	8 / 80
483524M	24	33	30	26	52	174	8 / 80
483526M	26	36	30	27	65	241	6 / 60
483527M	27	37	30	27	65	248	6 / 60
483530M	30	41	30.5	27	65	296	5 / 50

4930M 1/2"

▪ DIN 3121





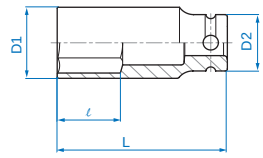
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
493008M	8	13.2	25	20	78	130	6 / 120
493009M	9	14.0	25	20	78	135	6 / 120
493010M	10	15.5	25	20	80	150	6 / 120
493011M	11	16.7	25	20	80	160	6 / 120
493012M	12	18.0	25	20	80	170	6 / 120
493013M	13	19.0	25	20	80	165	6 / 120
493014M	14	20.5	25	20	80	180	6 / 120
493015M	15	21.5	30	20	80	236	6 / 96
493016M	16	23.0	30	20	80	243	6 / 96
493017M	17	24.5	30	23	80	255	6 / 96
493018M	18	25.5	30	23	80	267	6 / 96
493019M	19	27.0	30	23	80	260	6 / 96
493020M	20	28.0	30	23	80	252	6 / 96
493021M	21	29.0	30	25	80	251	6 / 96
493022M	22	30.5	30	25	80	304	5 / 60
493023M	23	32.0	30	26	80	310	5 / 60
493024M	24	33.0	30	26	80	318	5 / 60
493027M	27	37.0	30	27	80	368	5 / 60
493030M	30	40.5	30	27	80	422	5 / 50
493032M	32	42.5	30	27	80	460	5 / 50
493036M	36	45.5	30	32	80	535	1 / 24

Impact Thin Wall Socket

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

4935M 1/2"

- DIN 3121

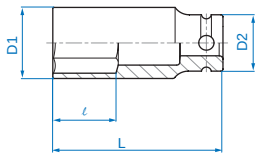




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
493510M	10	15.5	25	20	80	132	6 / 120
493511M	11	16.7	25	20	80	151	6 / 120
493512M	12	18.0	25	20	80	148	6 / 120
493513M	13	19.0	25	20	80	148	6 / 120
493514M	14	20.5	25	20	80	156	6 / 120
493516M	16	23.0	30	20	80	213	6 / 96
493517M	17	24.5	30	23	80	230	6 / 96
493519M	19	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 / 50

4935S 1/2"

- 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 / 96
493522S	11/16	24.5	30	23	80	235	6 / 96
493524S	3/4	27.0	30	23	80	255	6 / 96
493526S	13/16	29.0	30	25	80	292	6 / 96
493528S	7/8	30.5	30	25	80	308	5 / 60
493530S	15/16	33.0	30	26	80	336	5 / 60
493532S	1	34.0	30	26	80	356	5 / 60
493534S	1-1/16	37.0	30	27	80	405	5 / 60
493536S	1-1/8	39.0	30	27	80	414	5 / 50
493538S	1-3/16	40.5	30	27	80	417	5 / 50
493540S	1-1/4	42.5	30	27	80	422	5 / 50

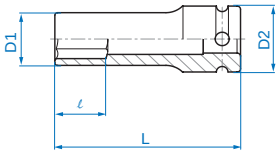
Extra Thin Wall Impact Socket

- Finishing - phosphate sunk
- For aluminum alloy wheel
- Material - chrome molybdenum alloy steel
- Super thin wall version has less strength than standard deep one

4415M 1/2"

- DIN 3121

Thin walled design (D1)





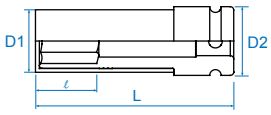
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
441517M	17	23.8	25	17	80	171	6 / 96
441519M	19	25.8	30	20	80	209	6 / 96
441521M	21	27.8	30	22	80	219	6 / 96
441522M	22	29.5	30	24	80	237	6 / 96

Wheel Nut Impact Socket

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

4945MX 1/2"

- DIN 3121





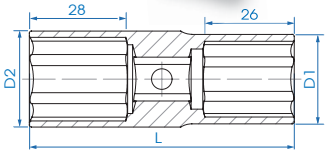
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
494517MX	17	27.3	30	26	85	214	5 / 60
494519MX	19	29.3	30	26	85	229	5 / 60
494521MX	21	30.9	30	26	85	237	5 / 60

Double - Ended Impact Socket

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

4915M new

4915S new 1/2"





KT NO.	mm / inch	D1 mm	D2 mm	L mm	g	
49151719M	17 x 19	26	28	77	210	6 / 96
49151921M	19 x 21	26	28	77	200	6 / 96
49152122M	21 x 22	30	32	77	310	5 / 60
49152123M	21 x 23	30	32	77	310	5 / 60
49152426S	3/4" x 13 / 16"	26	28	77	200	6 / 96

Impact Star Socket

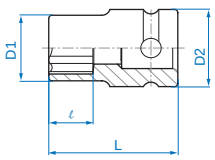
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

4575M — 1/2"

- For torx external screw
- DIN 3121

KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
457510M	E10	14.0	25.0	7.5	38	67	10 / 200
457512M	E12	15.9	25.0	9.0	38	69	10 / 200
457514M	E14	17.7	25.0	10.0	38	71	10 / 200
457516M	E16	20.0	25.0	11.0	38	76	10 / 200
457518M	E18	22.0	25.0	12.5	38	79	10 / 200
457520M	E20	24.5	30.0	14.0	38	118	10 / 160





Impact Universal Joint Socket

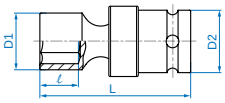
4B55M — 4B55S — 1/2"

- Special design for confined spaces
- DIN 3121



Standard Length





KT NO.	mm/inch	D1 mm	D2 mm	ℓ mm	L mm		
4B5510M	10	17.0	27.5	12	64	161	10 / 120
4B5511M	11	19.0	27.5	12	64	166	10 / 120
4B5512M	12	19.0	27.5	12	64	162	10 / 120
4B5513M	13	21.8	27.5	12	64	176	10 / 120
4B5514M	14	22.0	27.5	12	64	174	10 / 120
4B5515M	15	22.0	27.5	12	64	172	10 / 120
4B5516M	16	23.9	27.5	12	64	180	10 / 120
4B5517M	17	25.0	27.5	12	64	173	10 / 120
4B5518M	18	25.8	27.5	12	64	173	10 / 120
4B5519M	19	27.9	27.5	12	64	187	10 / 120
4B5521M	21	30.0	27.5	12	64	190	10 / 120
4B5522M	22	31.7	27.5	12	64	196	10 / 120
4B5524M	24	35.8	27.5	12	64	217	6 / 96
4B5512S	3/8	17.0	27.5	12	64	161	10 / 120
4B5514S	7/16	19.0	27.5	12	64	166	10 / 120
4B5516S	1/2	21.8	27.5	12	64	176	10 / 120
4B5518S	9/16	22.0	27.5	12	64	174	10 / 120
4B5520S	5/8	23.9	27.5	12	64	180	10 / 120
4B5522S	11/16	25.0	27.5	12	64	173	10 / 120
4B5524S	3/4	27.9	27.5	12	64	187	10 / 120
4B5526S	13/16	30.0	27.5	12	64	190	10 / 120
4B5528S	7/8	31.7	27.5	12	64	196	10 / 120
4B5530S	15/16	35.8	27.5	12	64	217	6 / 96

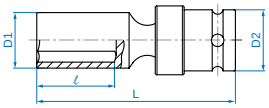
4A55M — 4A55S — 1/2"

- Special design for confined spaces
- DIN 3121



Deep Version





KT NO.	mm/inch	D1 mm	D2 mm	ℓ mm	L mm		
4A5510M	10	17.0	27.5	19	91	195	10 / 80
4A5511M	11	19.0	27.5	19	91	207	10 / 80
4A5512M	12	19.0	27.5	19	91	202	10 / 80
4A5513M	13	21.8	27.5	19	91	207	10 / 80
4A5514M	14	22.0	27.5	19	91	217	10 / 80
4A5515M	15	22.0	27.5	19	91	228	10 / 80
4A5516M	16	23.9	27.5	19	91	234	10 / 80
4A5517M	17	26.0	27.5	19	91	256	6 / 60
4A5518M	18	26.0	27.5	19	91	248	6 / 60
4A5519M	19	27.9	27.5	19	91	259	6 / 60
4A5521M	21	30.0	27.5	19	91	272	6 / 60
4A5522M	22	31.7	27.5	23.5	91	278	6 / 60
4A5524M	24	35.8	27.5	24	91	309	6 / 60
4A5512S	3/8	17.0	27.5	19	91	195	10 / 80
4A5514S	7/16	19.0	27.5	19	91	207	10 / 80
4A5516S	1/2	21.8	27.5	19	91	207	10 / 80
4A5518S	9/16	22.0	27.5	19	91	217	10 / 80
4A5520S	5/8	23.9	27.5	19	91	234	10 / 80
4A5522S	11/16	26.0	27.5	19	91	256	6 / 60
4A5524S	3/4	27.9	27.5	19	91	259	6 / 60
4A5526S	13/16	30.0	27.5	19	91	273	6 / 60
4A5528S	7/8	31.7	27.5	23.5	91	278	6 / 60
4A5530S	15/16	35.8	27.5	24	91	309	6 / 60

Impact Bit Socket

- 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

4055M 1/2"

- Hexagon head
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm	g	
405504M	H4	60	20.8	72	10 / 180
405505M	H5	60	36.0	73	10 / 180
405506M	H6	60	62.4	74	10 / 180
405507M	H7	60	97.0	76	10 / 180
405508M	H8	60	144.0	78	10 / 180
405510M	H10	60	264.0	86	10 / 180
405512M	H12	60	480.0	99	10 / 180
405513M	H13	60	518.0	105	10 / 180
405514M	H14	60	650.0	110	10 / 180
405516M	H16	60	680.0	127	10 / 180
405517M	H17	60	715.0	180	10 / 80
new 405518M	H18	60	740.0	179	10 / 80
405519M	H19	60	786.0	199	10 / 80

4055S 1/2"

- Hexagon head
- ANSI/ASME B107.2



KT NO.	inch	L mm	Max. torq Nm	g	
405506S	3/16	60	36.0	66	10 / 180
405508S	1/4	60	93.6	74	10 / 180
405510S	5/16	60	144.0	77	10 / 180
405512S	3/8	60	264.0	80	10 / 180
405514S	7/16	60	420.0	84	10 / 180
405516S	1/2	60	518.0	88	10 / 180

4056M 1/2"

- Spline head
- DIN 3121



KT NO.	Size	L mm	Max. torq Nm	g	
405608M	M 8	60	62.4	73	10 / 180
405610M	M10	60	144.0	81	10 / 180
405612M	M12	60	229.0	88	10 / 180

KT No. & D1

4053 4063 1/2"

- For torx internal screw
- DIN 3121



4053



4063

KT NO.	Size	L mm	g	
405320	T20	60	58.0	10 / 180
405325	T25	60	73.0	10 / 180
405327	T27	60	73.5	10 / 180
405330	T30	60	74.0	10 / 180
405340	T40	60	85.0	10 / 180
405345	T45	60	90.0	10 / 180
405350	T50	60	95.0	10 / 180
405355	T55	60	100.0	10 / 180
405360	T60	60	105.0	10 / 180
405370	T70	60	105.0	10 /180
406325	T25	100	97.0	6 / 120
406327	T27	100	97.5	6 / 120
406330	T30	100	98.0	6 / 120
406340	T40	100	110.0	6 / 120
406345	T45	100	130.0	6 / 120
406350	T50	100	150.0	6 / 120
406355	T55	100	160.0	6 / 120
406360	T60	100	170.0	6 / 120

1740 409616M 1/2"

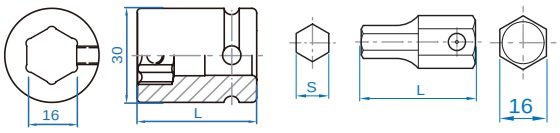
- Hex bit & bit holder
- DIN 3121



1740



409616M



KT NO.	S mm	L mm	Max. torq Nm	g	
174010H	H10	40	264.0	46	20 / 400
174012H	H12	40	480.0	52	20 / 400
174014H	H14	40	684.0	60	20 / 200
174017H	H17	40	680.0	73	20 / 200
174019H	H19	40	680.0	80	20 / 200
174022H	H22	40	680.0	97	12 / 120
409616M	16	38	680.0	145	10 / 160

Impact Bit Socket

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

KT No. & D1

CAUTION

1. Air pressure must not exceed 90PSI (6.3bar)
2. Adjust your air tool to its lowest torque output, should this torque level not be enough, increase it gradually

4015M 1/2"

- Hexagon head
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm		
401505M	H5	80	36.0	84	6 / 120
401506M	H6	80	62.4	86	6 / 120
401507M	H7	80	97.0	89	6 / 120
401508M	H8	80	144.0	96	6 / 120
401509M	H9	80	229.0	114	6 / 120
401510M	H10	80	264.0	136	6 / 120
401512M	H12	80	480.0	145	6 / 120
401513M	H13	80	518.0	155	6 / 120
401514M	H14	80	650.0	164	6 / 120
401517M	H17	80	715.0	248	6 / 96
401519M	H19	80	786.0	246	6 / 96

4015S 1/2"

- Hexagon head
- DIN 3121



KT NO.	inch	L mm	Max. torq Nm		
401508S	1/4	80	93.6	87	6 / 120
401510S	5/16	80	144.0	90	6 / 120
401512S	3/8	80	264.0	125	6 / 120
401516S	1/2	80	518.0	150	6 / 120

4065M 1/2"

- Hexagon head
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm		
406504M	H4	100	20.8	96	6 / 120
406505M	H5	100	36.0	97	6 / 120
406506M	H6	100	62.4	98	6 / 120
406508M	H8	100	144.0	110	6 / 120
406510M	H10	100	264.0	150	6 / 120
406512M	H12	100	480.0	170	6 / 120
406514M	H14	100	650.0	190	6 / 120

4075M 1/2"

- Hexagon head
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm		
407505M	H5	150	36.0	115	6 / 120
407506M	H6	150	62.4	125	6 / 120
407508M	H8	150	144.0	145	6 / 120
407510M	H10	150	264.0	185	6 / 120
407512M	H12	150	480.0	225	6 / 120
407514M	H14	150	650.0	250	6 / 120

Impact Accessory

4147 1/2"

- Bit holder
- DIN 3121



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

414A08S 1/2"

- Bit holder
- Quick-release
- DIN 3121



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

Impact Accessory

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

KT No. & D1

4260 4260P 1/2"

- Extension bar & with ball
- DIN 3121



4260



4260P

KT NO.	Overall length inch	mm		
4260-03	3	75	197	4 / 80
4260-04	4	100	255	4 / 80
4260-05	5	125	277	2 / 40
4260-06	6	150	340	4 / 80
4260-08	8	200	423	4 / 48
4260-10	10	250	452	4 / 48
4260-12	12	300	595	2 / 40
4260-16	16	400	746	2 / 20

KT NO.	Overall length inch	mm		
4260-03P	3	75	197	4 / 80
4260-04P	4	100	255	4 / 80
4260-05P	5	125	277	2 / 40
4260-06P	6	150	340	4 / 80
4260-08P	8	200	423	4 / 48
4260-10P	10	250	452	4 / 48
4260-12P	12	300	595	2 / 40
4260-16P	16	400	746	2 / 20

4269 1/2"

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

KT NO.	Color	Max. torq Nm	ft.lbs	Overall length inch	mm	
4269-08-90		90	65	7-11/16	195	192
4269-08-A0		100	75	7-11/16	195	201
4269-08-B0		110	80	7-11/16	195	217
4269-08-C0		120	90	7-11/16	195	224
4269-08-D5		135	100	7-11/16	195	238
4269-08-F0		150	110	7-11/16	195	263
4269-08-G0		160	120	7-11/16	195	304
4269-08-H5		175	130	7-11/16	195	284
4269-08-J0		190	140	7-11/16	195	331
4269-08-K0		200	150	7-11/16	195	344

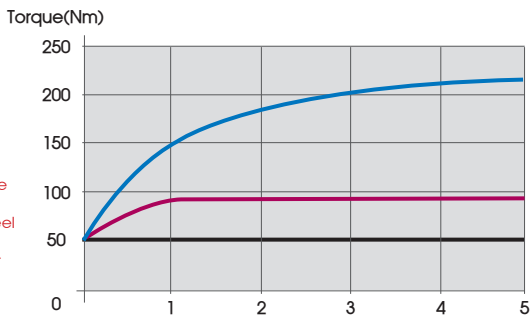


4269-08-90
4269-08-A0
4269-08-B0
4269-08-C0
4269-08-D5
4269-08-F0
4269-08-G0
4269-08-H5
4269-08-J0
4269-08-K0



How to use torque extension bar

1. Use with 1/2"DR. impact wrench, don't use by hand.
2. Set air pressure 0.6 MPa(90 PSI) and adjust torque value between 190 Nm and 210 Nm.
3. Select suitable torque extension bar according to wheel nut size and indicated tightening torque.
4. Attach the torque extension bar with socket to impact wrench and apply load.
5. Check the actual tightening torque value by torque wrench.
6. Adjust air pressure or torque value according to the result of above.
7. Tight other wheel nuts in diagonal order.



Standard impact socket

90Nm Torque extension bar

1/2" Impact wrench 0.6Mpa Air pressure

Impact Accessory Set

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

4481PP1 1/2"

▪ Torque extension bar set

10 PC.

Contents		15.51 kg / 1 / 6
	4269-08-90	90 Nm
	4269-08-A0	100 Nm
	4269-08-B0	110 Nm
	4269-08-C0	120 Nm
	4269-08-D5	135 Nm
	4269-08-F0	150 Nm
	4269-08-G0	160 Nm
	4269-08-H5	175 Nm
	4269-08-J0	190 Nm
	4269-08-K0	200 Nm

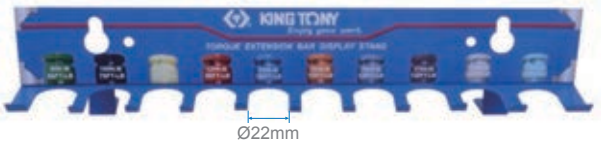


Impact Accessory

9TE41

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





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

Impact Accessory

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

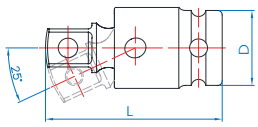
KT No. & D1

4796 4796P 1/2"

- Universal joint & with ball
- DIN 3121



4796





4796P

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

479AP 4797 4797P 1/2"

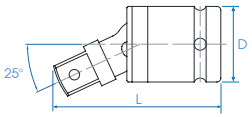
- Universal joint & with ball
- DIN 3121



479AP



4797





4797P

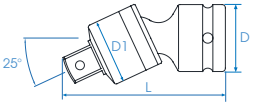
KT NO.	Overall length inch	Overall length mm	D mm	g	pcs/box
479AP	2-3/8	61	29.1	161	6 / 96
4797	2-1/2	65	29.1	172	6 / 96
4797P	2-1/2	65	29.1	172	6 / 96

4798 4798P 1/2"

- Universal joint & with ball



4798



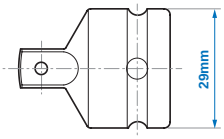


4798P

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

4863 4863P 4866 4866P 1/2"

- Adapter & with ball
- Convert to 3/8", 3/4" drive
- 4863 → Max. torque:303 Nm
- DIN 3121



4863 / 4863P



4863 & 4866

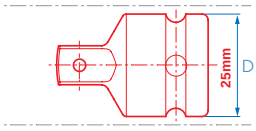


4863P & 4866P

KT NO.	Spec.	g	pcs/box
4863	1/2"F x 3/8"M	95	10 / 160
4866	1/2"F x 3/4"M	174	8 / 160
4863P	1/2"F x 3/8"M	95	10 / 160
4866P	1/2"F x 3/4"M	174	8 / 160

4873 4873P 1/2"

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



4873 / 4873P



4873



4873P

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

Impact Accessory

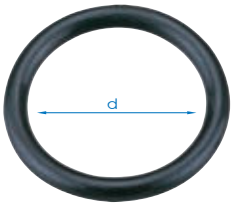
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

90401 90402 1/2"

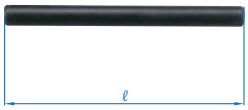
- Locking ring
- High tensile rubber material

90601 90602 1/2"

- Locking pin
- Chrome vanadium steel
- DIN 3129



90401
90402



90601
90602

KT NO.	Desp.	Ø	d / ℓ	Applied to socket sizes
90401	ring	3.5	19	4535M (8~14mm) 4535S (15/16"~9/16") 4435M (8~14mm) 4435S (15/16"~9/16") 4015M (5~14mm) 4015S (1/4"~1/2") 4055M (4~14mm) 4055S (3/16"~1/2") 4935M (10~14mm) 4935S (7/16"~9/16") 4415M (17mm) 4575 (E10~E18)
90601	pin	3.0	20	4835M (10~17mm) 4530M (8~14mm) 414A08S.4053.4063.4065.4075.4873.4015 4147.4055.4056
90402	ring	3.5	23	4535M (15~46mm) 4535S (11/16"~1-1/4") 4435M (15~46mm) 4435S (5/8"~1-1/4") 4935M (16~30mm) 4935S (11/16"~1-1/4") 4015M (17.19mm) 4415M (19.21mm) 4530M (15~36mm) 4575M (E20) 4835M (19~30mm)
90602	pin	3.0	25	4260.4796.4797.4863.4873.4866

Impact Socket Rail Set

4423MP 1/2"

- Thin wall version

3 PC.



Contents — 4.5 kg — 48

○	4835M	17,19,21

7411PP 1/2"

11 PC.



Contents — 7.63 kg — 4 / 32

✪	3575M	E5, E6, E7, E8
✪	4575M	E10, E12, E14, E16, E18, E20
	4863	1/2"F x 3/8"M

Impact Socket Set

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

4408MP 1/2"

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

8 PC.



4408MP

Contents — 1.3 kg — 1 / 20

○	4535M	10, 12, 13, 14, 17, 19, 21, 24

4408SP 1/2"

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

8 PC.



4408SP

Contents — 1.3 kg — 1 / 20

○	4535S	3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 15/16

Impact Socket Set

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

4412MP 1/2"

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



11 PC.

Contents		1.5	1 / 8
4535M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21		

4414MP 4414SP 1/2"

Metal case size (mm) :
270 x 100 x 49 (0.047 cuft)



4414MP



4414SP

14 PC.

KT NO.	Contents			
4414MP	4535M	10, 11, 12, 13, 14, 15, 16, 17,18, 19, 21, 22, 24, 27	1.5	1 / 8
4414SP	4535S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	2.4	

4410MP 4410MP01 4410SP 1/2"

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



4410MP / 4410MP01



4410SP

8 PC.

KT NO.	Contents		2.3	1 / 12
4410MP	4435M	12, 13, 14, 17, 19, 21, 22, 23		
4410MP01	4435M	12, 13, 14, 17, 19, 21, 22, 24		
4410SP	4435S	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16		

Impact Socket Set

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

4415MP

4415MP03 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.021 cuft)



4415MP



4415MP03

15 PC.

KT NO.		Contents	4.9	1 / 6
4415MP	○  4435M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 24, 26, 29, 32		
4415MP03		10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32		

4416SP 1/2"

Metal case size (mm) :
445 x 135 x 50 (0.021 cuft)

14 PC.



Contents	4.8	1 / 6
○  4435S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	

4413MP 1/2"

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

8 PC.



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

Wheel Nut Impact Socket Set

4405MX 1/2"

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

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



3 PC.

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

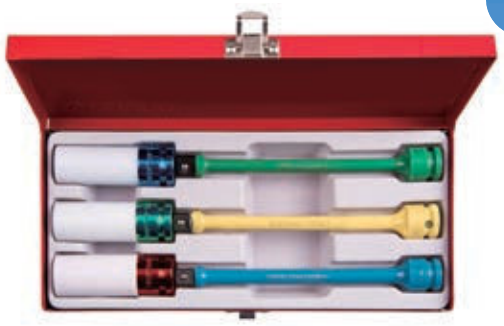
Impact Socket Set

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

4406MX 1/2"

- Wheel nut impact socket
- Torque extension bar

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



6 PC.

Contents			Kg 2.13 / 1 / 10
○		494517MX	17 mm
○		494519MX	19 mm
○		494521MX	21 mm
		4269-08-90	90 Nm
		4269-08-B0	110 Nm
		4269-08-D5	135 Nm

Impact Universal Joint Socket Set

4440MP 4440SP 1/2"

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



10 PC.

KT NO.		Contents	Kg 3.3 / 1 / 5
4440MP	○ 4A55M	10, 11, 12, 13, 14, 17, 19, 21, 22, 24	
4440SP	○ 4A55S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16	

4450MP 4450SP 1/2"

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



10 PC.

KT NO.		Contents	Kg 2.6 / 1 / 5
4450MP	○ 4B55M	10, 11, 12, 13, 14, 17, 19, 21, 22, 24	
4450SP	○ 4B55S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16	

Impact Bit Socket Set

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

4407MP 1/2"

- For hex head screw
- 60mmL

Metal case size (mm) :
198 x 105 x 32 (0.023 cuft)

7 PC.



Contents — 0.94 kg / 1 / 20

4055M	H4, H5, H6, H8, H10, H12, H14

4418MP 1/2"

- For hex head screw
- 60mmL

Metal case size (mm) :
198 x 105 x 32 (0.023 cuft)

8 PC.



Contents — 1.34 kg / 1 / 20

4055M	H5, H6, H8, H10, H12, H14, H17, H19

4457MP 1/2"

- For hex head screw
- 60mmL

Metal case size (mm) :
244 x 118 x 37 (0.038 cuft)

7 PC.



Contents — 1.44 kg / 1 / 18

4065M	H4, H5, H6, H8, H10, H12, H14

4417PP 1/2"

- For torx internal screw
- 60mmL

Metal case size (mm) :
198 x 105 x 32 (0.023 cuft)

7 PC.



Contents — 0.94 kg / 1 / 20

4053	T25, T30, T40, T45, T50, T55, T60

4476MP 1/2"

- For hex head screw
- 150mmL

Metal case size (mm) :
244 x 118 x 37(0.038 cuft)

6 PC.



Contents — 1.47 kg / 1 / 18

4075M	H5, H6, H8, H10, H12, H14

4467PP 1/2"

- For torx internal screw
- 100mmL

Metal case size (mm) :
244 x 118 x 37 (0.038 cuft)

7 PC.



Contents — 1.31 kg / 1 / 18

4063	T25, T30, T40, T45, T50, T55, T60

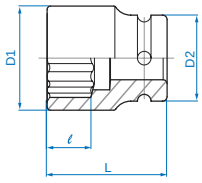
Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

6510M — 3/4"

- Lightweight type
- DIN 3121

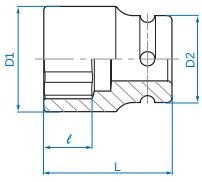




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
651017M	17	29.0	38	10	50	227	8 / 96
651018M	18	30.0	38	10	50	225	8 / 96
651019M	19	32.0	38	10	50	238	8 / 96
651021M	21	35.0	38	13	50	254	8 / 96
651022M	22	36.0	38	13	50	260	8 / 96
651023M	23	37.0	38	15	50	263	8 / 96
651024M	24	38.0	38	15	50	249	8 / 96
651026M	26	38.0	38	15	53	260	6 / 48
651027M	27	42.0	38	18	53	332	6 / 48
651028M	28	44.0	38	18	53	353	6 / 48
651029M	29	45.0	38	18	53	362	6 / 48
651030M	30	46.0	38	20	53	342	6 / 48

6515M — 3/4"

- Lightweight type
- DIN 3121

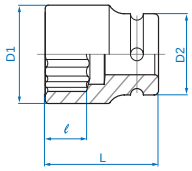




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
651514M	14	25.0	38	10	50	215	8 / 96
651515M	15	26.0	38	10	50	217	8 / 96
651516M	16	27.5	38	10	50	220	8 / 96
651517M	17	29.0	38	10	50	225	8 / 96
651518M	18	30.0	38	10	50	230	8 / 96
651519M	19	32.0	38	10	50	238	8 / 96
651521M	21	35.0	38	13	50	252	8 / 96
651522M	22	36.0	38	13	50	257	8 / 96
651523M	23	37.0	38	15	50	283	8 / 96
651524M	24	38.0	38	15	50	288	8 / 96
651525M	25	38.0	38	15	53	321	8 / 96
651526M	26	38.0	38	15	53	321	6 / 48
651527M	27	42.0	38	18	53	320	6 / 48
651528M	28	44.0	38	18	53	345	6 / 48
651529M	29	45.0	38	18	53	350	6 / 48
651530M	30	46.0	38	20	53	360	6 / 48

6530M — 3/4"

- DIN 3129, ISO 2725-2





KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
653017M	17	29.0	44	10	50	316	6 / 48
653019M	19	32.0	44	10	50	329	6 / 48
653021M	21	35.0	44	13	50	341	6 / 48
653022M	22	36.0	44	13	50	346	6 / 48
653023M	23	37.0	44	15	50	350	6 / 48
653024M	24	38.0	44	15	50	352	6 / 48
653026M	26	40.0	44	15	53	358	6 / 48
653027M	27	42.0	44	18	53	380	6 / 48
653028M	28	44.0	44	18	53	394	6 / 48
653029M	29	45.0	44	18	53	404	6 / 48
653030M	30	46.0	44	20	53	412	6 / 48
653032M	32	48.0	44	20	57	460	6 / 36
653033M	33	50.0	44	20	57	479	6 / 36
653034M	34	51.0	44	22	57	491	6 / 36
653035M	35	52.0	44	22	57	497	6 / 36
653036M	36	53.0	44	22	57	519	6 / 36
653038M	38	56.0	44	22	57	540	4 / 32
653040M	40	58.0	44	22	58	567	4 / 32
653041M	41	59.0	44	24	58	580	4 / 32
653042M	42	61.0	44	24	58	600	2 / 24
653046M	46	66.0	44	24	62	950	2 / 24
653063M	63	84.5	54	40	80	1343	1 / 12
653065M	65	86.5	54	43	80	1373	1 / 12
653070M	70	92.0	54	45	83	1451	1 / 12

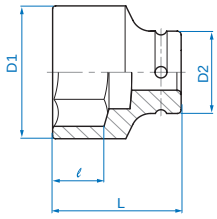
Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

6535M — 3/4"

▪ DIN 3121



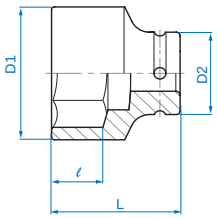


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	g/g
new 653513M	13	22.0	38	16	50	208	8 / 96
653517M	17	29.0	44	10	50	316	6 / 48
653518M	18	30.0	44	10	50	324	6 / 48
653519M	19	32.0	44	10	50	329	6 / 48
653521M	21	35.0	44	13	50	341	6 / 48
653522M	22	36.0	44	13	50	346	6 / 48
653523M	23	37.0	44	15	50	350	6 / 48
653524M	24	38.0	44	15	50	352	6 / 48
653526M	26	40.0	44	15	53	358	6 / 48
653527M	27	42.0	44	18	53	380	6 / 48
653528M	28	44.0	44	18	53	394	6 / 48
653529M	29	45.0	44	18	53	404	6 / 48
653530M	30	46.0	44	20	53	412	6 / 48
new 653531M	31	41.0	44	20	53	460	6 / 48
653532M	32	48.0	44	20	57	460	6 / 36
653533M	33	50.0	44	20	57	479	6 / 36
653534M	34	51.0	44	22	57	491	6 / 36
653535M	35	52.0	44	22	57	497	6 / 36

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	g/g
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

6535S — 3/4"

▪ ANSI/ASME B107.2





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	g/g
653522S	11/16	29	38	10	50	225	8 / 96
653524S	3/4	32	38	10	50	238	8 / 96
653526S	13/16	35	38	13	50	252	8 / 96
653528S	7/8	36	38	13	50	257	8 / 96
653530S	15/16	37	38	15	50	288	8 / 96
653532S	1	38	38	15	53	320	8 / 96
653534S	1-1/16	42	40	18	53	325	6 / 48
653536S	1-1/8	44.7	40	18	53	355	6 / 48
653538S	1-3/16	46	40	20	53	365	6 / 48
653540S	1-1/4	48	44	20	57	460	6 / 36
653542S	1-5/16	50	44	20	57	479	6 / 36
653544S	1-3/8	52	44	22	57	497	6 / 36
653546S	1-7/16	54	44	22	57	529	6 / 36
653548S	1-1/2	56	44	22	57	540	4 / 32

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	g/g
653550S	1-9/16	58	44	22	58	567	4 / 32
653552S	1-5/8	59	44	24	58	580	4 / 32
653554S	1-11/16	63.5	44	25	58	636	2 / 24
653556S	1-3/4	64	44	25	62	676	2 / 24
653558S	1-13/16	66	44	25.5	62	717	2 / 24
653560S	1-7/8	68	44	27	65	925	2 / 24
653562S	1-15/16	70	44	27	65	955	1 / 20
653564S	2	72	54	28	68	1035	1 / 20
653566S	2-1/16	74	54	30	68	1078	1 / 20
653568S	2-1/8	76	54	30	68	1122	1 / 20
653570S	2-3/16	77	54	30.5	70	1151	1 / 20
653572S	2-1/4	79	54	32.5	70	1208	1 / 20
653574S	2-5/16	81	54	32.5	70	1245	1 / 20
653576S	2-3/8	84	54	33.5	70	1349	1 / 20

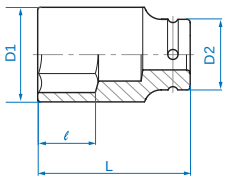
Deep Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk



6435M 3/4"

▪ DIN 3121

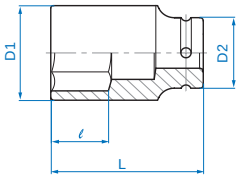




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
643519M	19	32	44	16	90	558	1 / 24
643521M	21	35	44	18	90	592	1 / 24
643522M	22	36	44	18	90	607	1 / 24
643523M	23	37	44	23	90	607	1 / 24
643524M	24	38	44	23	90	626	1 / 24
643525M	25	40	44	25	90	661	1 / 24
643526M	26	40	44	25	90	623	1 / 24
643527M	27	42	44	27	90	623	1 / 24
643528M	28	44	44	27	90	670	1 / 24
643529M	29	45	44	27	90	670	1 / 24
643530M	30	46	44	27	90	691	1 / 24
643532M	32	48	44	30	90	728	1 / 24
643533M	33	50	44	30	90	790	1 / 24
643534M	34	51	44	32	90	794	1 / 24
643535M	35	52	44	32	90	803	1 / 24
643536M	36	53	44	32	90	809	1 / 24
643538M	38	56	44	34	90	882	1 / 24
643540M	40	58	44	34	90	928	1 / 24
643541M	41	59	44	34	90	938	1 / 24
643542M	42	61	44	36	95	1074	1 / 24
643543M	43	62	44	38	95	1103	1 / 10
643544M	44	64	44	38	95	1180	1 / 10
643546M	46	66	44	38	95	1210	1 / 10
643548M	48	68	44	40	95	1391	1 / 10
643550M	50	71	44	40	95	1479	1 / 10
643555M	55	77	54	45	100	1810	1 / 10
643560M	60	84.5	54	50	100	2010	1 / 6
643565M	65	86.5	54	54	100	1990	1 / 6

6435S 3/4"

▪ ANSI/ASME B107.2





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
643524S	3/4	32	38	16	90	455	1 / 24
643526S	13/16	35	38	18	90	490	1 / 24
643528S	7/8	36	38	18	90	495	1 / 24
643530S	15/16	37	38	23	90	495	1 / 24
643532S	1	38	38	25	90	500	1 / 24
643534S	1-1/16	42	44	27	90	624	1 / 24
643536S	1-1/8	44.7	44	27	90	680	1 / 24
643538S	1-3/16	46	44	27	90	684	1 / 24
643540S	1-1/4	48	44	30	90	733	1 / 24
643542S	1-5/16	50	44	30	90	789	1 / 24
643544S	1-3/8	52	44	32	90	804	1 / 24
643546S	1-7/16	54	44	32	90	844	1 / 24
643548S	1-1/2	56	44	34	90	871	1 / 24
643550S	1-9/16	58	44	34	90	928	1 / 24
643552S	1-5/8	59	44	34	90	941	1 / 24
643554S	1-11/16	63.5	44	38	95	1111	1 / 10
643556S	1-3/4	64	44	38	95	1168	1 / 10
643558S	1-13/16	66	44	38	95	1241	1 / 10
643560S	1-7/8	68	54	40	95	1397	1 / 10
643562S	1-15/16	70	54	40	95	1448	1 / 10
643564S	2	72	54	40	95	1521	1 / 10

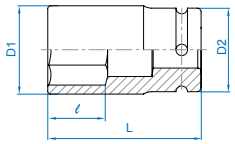
Thin Wall Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

6835M — 3/4"

- DIN 3121

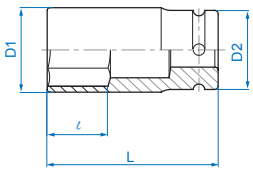




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
683517M	17	28.0	44	16	60	320	6 / 48
683519M	19	30.0	44	16	60	348	6 / 48
683521M	21	33.0	44	18	60	355	6 / 48
683522M	22	34.0	44	18	60	362	6 / 48
683523M	23	35.0	44	23	60	370	6 / 48
683524M	24	36.5	44	23	60	378	6 / 48
683526M	26	39.0	44	25	80	400	1 / 24
683527M	27	40.0	44	26	80	424	1 / 24
683529M	29	43.0	44	26	80	460	1 / 24
683530M	30	44.0	44	26	80	478	1 / 24
683532M	32	46.5	44	26	80	512	1 / 24

6935M — 3/4"

- DIN 3121

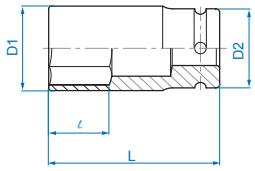




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
693519M	19	30.0	44	16	90	562	1 / 24
693521M	21	33.0	44	18	90	597	1 / 24
693522M	22	34.0	44	18	90	612	1 / 24
693523M	23	35.0	44	23	90	614	1 / 24
693524M	24	36.5	44	23	90	619	1 / 24
693526M	26	39.0	44	25	90	629	1 / 24
693527M	27	40.0	44	27	90	631	1 / 24
693529M	29	43.0	44	27	90	672	1 / 24
693530M	30	44.0	44	27	90	693	1 / 24
693532M	32	46.5	44	30	90	733	1 / 24

6935S — 3/4"

- ANSI/ASME B107.2



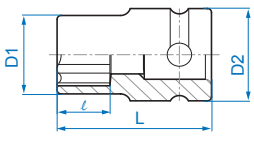


KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
693524S	3/4	30.0	38	16	90	370	1 / 24
693526S	13/16	33.0	38	18	90	380	1 / 24
693528S	7/8	34.0	38	18	90	385	1 / 24
693530S	15/16	36.5	38	23	90	415	1 / 24
693532S	1	38.0	38	23	90	500	1 / 24
693534S	1-1/16	40.0	44	25	90	654	1 / 24
693536S	1-1/8	43.0	44	25	90	680	1 / 24
693538S	1-3/16	44.0	44	27	90	684	1 / 24
693540S	1-1/4	46.5	44	30	90	733	1 / 24

Impact Star Socket

6575M — 3/4"

- For torx external screw
- DIN 3121



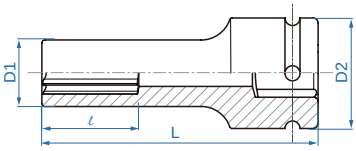


KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
657524M	E24	32.5	44.0	17.0	50	382	6 / 48
657526M	E26	35.0	44.0	19.0	60	403	6 / 48
657528M	E28	36.5	44.0	25.5	60	414	6 / 48
657530M	E30	37.5	44.0	27.0	65	460	1 / 24
657532M	E32	39.5	44.0	29.0	65	470	1 / 24

Deep Impact Star Socket

6475M — 3/4"

- For torx external screw
- DIN 3121
- For the operation of cylinder head bolts
- E-18 on MAN commercial vehicles M 2000 and MAN busses with D 08 engines
- E-20 on MAN commercial vehicles F 2000, F 90, F 8 and MAN busses with D 25 and D 28 engines
- E-24 on MAN commercial vehicles Common Rail engines (D20)





KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
647518M	E18	26.5	44.0	12.5	110	635	1 / 10
647520M	E20	29.0	44.0	14.0	110	680	1 / 10
647522M	E22	31.0	44.0	15.0	110	700	1 / 10
647524M	E24	32.5	44.0	17.0	110	736	1 / 10

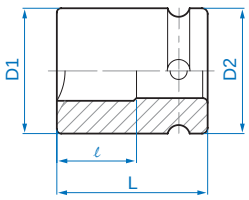
Rear Wheel Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk


KT No. & D1

6514M — 3/4"

- 4 points
- DIN 3121





KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm		
651417M	17	39.8	34	28	53	350	1 / 24
651419M	19	39.8	34	28	53	332	1 / 24
651420M	20	41.8	36	28	53	377	1 / 24
651421M	21	41.8	36	28	53	370	1 / 24

Impact Bit Socket

6015M — 3/4"

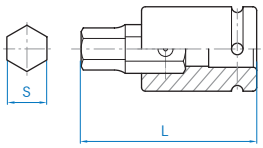
- Hexagon head
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm		
601514M	H14	87	684	325	2 / 48
601517M	H17	87	1136	343	2 / 48
601519M	H19	87	1577	365	2 / 48
601521M	H21	87	2134	490	1 / 24
601522M	H22	87	2436	522	1 / 24
601524M	H24	87	3190	555	1 / 24
601527M	H27	87	4535	604	1 / 24

609616MxxH / 609622MxxH — 3/4"

- DIN 3121




609616MxxH


609622MxxH

KT NO.	S mm	mm	L (mm)	Max. torq Nm		
609616M10H	H10	16	77	264	416	4 / 40
609616M12H	H12	16	77	480	422	4 / 40
609616M14H	H14	16	77	684	430	4 / 40
609616M17H	H17	16	77	880	443	4 / 40
609616M19H	H19	16	77	880	450	4 / 40
609616M22H	H22	16	77	880	473	4 / 40
609622M19H	H19	22	93	1577	670	1 / 24
609622M22H	H22	22	93	2436	692	1 / 24
609622M24H	H24	22	93	2436	706	1 / 24
609622M27H	H27	22	93	2436	730	1 / 24
609622M30H	H30	22	93	2436	744	1 / 24
609622M32H	H32	22	93	2436	783	1 / 24

Impact Bit Socket

1740 | 609616M 3/4"

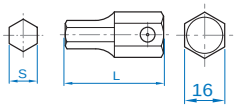
- Hex bit & bit holder
- DIN 3121

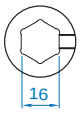


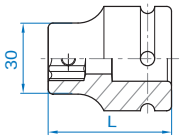
1740



609616M







KT NO.	S mm	L mm	Max. torq Nm	g	
174010H	H10	40	264	46	20 / 400
174012H	H12	40	480	52	20 / 400
174014H	H14	40	684	60	20 / 200
174017H	H17	40	880	73	20 / 200
174019H	H19	40	880	80	20 / 200
174022H	H22	40	880	97	12 / 120
609616M	16	52	-	370	6 / 48

1954 | 609622M 3/4"

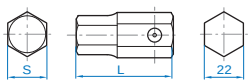
- Hex bit & bit holder
- DIN 3121

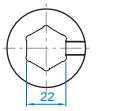


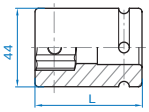
1954XXH



609622M

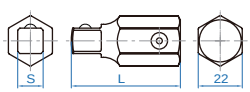








195404R



KT NO.	S mm	L mm	Max. torq Nm	g	
195419H	H19	54.5	1577	140	12 / 120
195422H	H22	54.5	2436	162	12 / 120
195424H	H24	54.5	2436	176	10 / 100
195427H	H27	54.5	2436	200	10 / 100
195430H	H30	54.5	2436	232	6 / 60
195432H	H32	54.5	2436	243	6 / 60
609622M	22	60.0	-	530	6 / 48
195404R	1/2"M	54.5	-	135	12 / 120

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

KT No. & D1

Impact Accessory

6260 | 6260P 3/4"

- Extension bar & with ball
- DIN 3121



6260

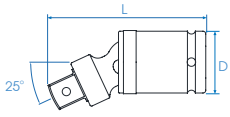


6260P

KT NO.	Overall length inch	Overall length mm	g	
6260-04	4	100	577	2 / 20
6260-07	7	175	867	2 / 20
6260-10	10	250	1155	1 / 16
6260-13	13	330	1423	1 / 10
6260-04P	4	100	577	2 / 20
6260-07P	7	175	867	2 / 20
6260-10P	10	250	1155	1 / 16
6260-13P	13	330	1423	1 / 10

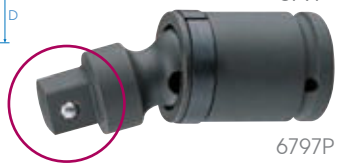
6797 | 6797P 3/4"

- Universal joint & with ball
- DIN 3121





6797

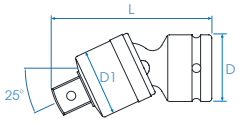


6797P

KT NO.	Overall length inch	Overall length mm	D mm	g	
6797	4-1/2	114	44	742	2 / 20
6797P	4-1/2	114	44	742	2 / 20

6798 | 6798P 3/4"

- Universal joint & with ball
- DIN 3121





6798



6798P

KT NO.	Overall length inch	Overall length mm	D (mm)	D1 (mm)	g	
6798	4-1/4	108	44	44	736	2 / 20
6798P	4-1/4	108	44	44	736	2 / 20

Impact Accessory

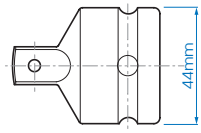
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk



KT No. & D1

6864 6864P
6868 6868P 3/4"

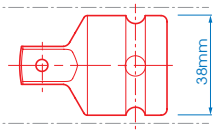
- Adapter & with ball
- Convert to 1/2" drive
- 6864 → Max. torque:768 Nm
- DIN 3121



6864 / 6864P
6868 / 6868P



6864 &6868



6874 / 6874P



6864P &6868P

KT NO.	Spec.		
6864	3/4"F x 1/2"M	313	6 / 48
6868	3/4"F x 1"M	413	6 / 48
6864P	3/4"F x 1/2"M	313	6 / 48
6868P	3/4"F x 1"M	413	6 / 48

6874 6874P 3/4"

- Adapter & with ball
- Convert to 1/2" drive
- 6874 → Max. torque:768 Nm
- DIN 3121



6874



6874P

KT NO.	Spec.	D (mm)		
6874	3/4"F x 1/2"M	38	255	6 / 48
6874P	3/4"F x 1/2"M	38	255	6 / 48

90403 90404 90405 3/4"

- Locking ring
- High tensile rubber material

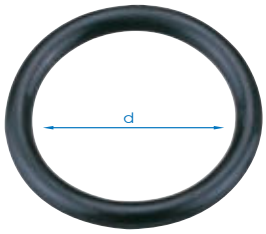
90603 90604 90607 3/4"

- Locking pin
- Chrome vanadium steel
- DIN 3129

KT NO.	Desp.	ø	d /ℓ	Applied to socket sizes
90403	ring	3.5	33	6015M (14~19mm) 6435S (3/4"~1") 6510M (17~30mm) 6535S (11/16"~1-3/16") 6515M (17~30mm) 6935S (3/4"~1") 6874
90607	pin	3.0	30	
90404	ring	5.5	37	6535M (17~46mm) 6535S (1-1/4" ~1-13/16") 6435M (19~46mm) 6435S (1-1/16"~1-13/16") 6935M (19~32mm) 6935S (1-1/16"~1-1/4")
90603	pin	4.0	35	6015M (21~27mm) 6260.6797.6798.6864 6530M (17~46mm) 6868 6835M (17~32mm) 609616M.609622M
90405	ring	5.5	44	6535M (48~65mm) 6535S (1-7/8" ~ 2-3/8") 6435M (48~50mm) 6435S (1-7/8" ~ 2")
90604	pin	4.0	45	



90603
90604
90607



90403
90404
90405

Impact Socket Set

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

6408MP | 6408MP10 | 6408SP10 3/4"

Metal case size (mm) :
241 x 124 x 68 (0.07 cuft)



6408SP10



6408MP / 6408MP10

8 PC.

KT NO.		Contents	Kg	
6408MP	○ 6535M	19, 22, 24, 27, 30, 32, 36, 38	3.9	1 / 6
6408MP10	○ 6515M	19, 22, 24, 27, 30	3.5	
	○ 6535M	32, 36, 38		
6408SP10	○ 6535S	3/4, 7/8, 15/16, 1-1/16, 1-3/16, 1-1/4, 1-7/16, 1-1/2	3.5	

6409MP | 6409MP03 | 6409MP10 | 6409SP10 3/4"

Metal case size (mm) :
445 x 100 x 65 (0.10 cuft)

8 PC.



6409MP / 6409MP03 / 6409MP10



6409SP10

KT NO.		Contents	Kg	
6409MP	○ 6535M	26, 29, 30, 32, 34, 35, 36, 38	4.7	1 / 2
6409MP03	○ 6535M	21, 22, 24, 27, 30, 32, 36, 41	4.7	
6409MP10	○ 6515M	26, 29, 30	4.6	
	○ 6535M	32, 34, 35, 36, 38		
6409SP10	○ 6535S	1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2	4.6	

Impact Socket Set

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

6410MP

6410SP 3/4"

Metal case size (mm) :
445 x 100 x 65 (0.10 cuft)



6410MP



6410SP

8 PC.

KT NO.		Contents	7.1	1 / 2
6410MP	6435M	26, 29, 30, 32, 34, 35, 36, 38		
6410SP	6435S	1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2		

Impact Bit Socket Set

6411MP 3/4"

Metal case size (mm) :
270 x 100 x 49 (0.048 cuft)

Contents			1.5	1 / 8
	6096M	16, 22		
	1740	H10, H12, H14, H17		
	1954	H19, H22, H24, H27, H32		



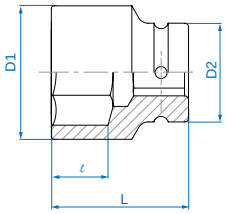
11 PC.

Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8535M — 1"

- DIN 3129, ISO 2725-2

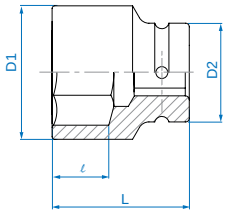




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
853519M	19	35	54	15	58	508	1 / 24
853521M	21	37	54	15	58	529	1 / 24
853522M	22	38	54	15	58	520	1 / 24
853523M	23	39	54	17	58	542	1 / 24
853524M	24	41	54	17	58	529	1 / 24
853525M	25	42	54	17	58	567	1 / 24
853526M	26	43	54	19	58	558	1 / 24
853527M	27	44	54	19	58	538	1 / 24
853528M	28	45	54	19	58	538	1 / 24
853529M	29	47	54	19	58	600	1 / 24
853530M	30	48	54	20	60	592	1 / 24
853532M	32	51	54	20	62	679	1 / 24
853533M	33	52	54	20	62	700	1 / 24
853534M	34	53	54	20	62	766	1 / 24
853535M	35	54	54	20	62	779	1 / 24
853536M	36	56	54	20	65	729	1 / 24
853537M	37	56	54	22	65	706	1 / 24
853538M	38	58	54	22	65	742	1 / 24
853540M	40	60	54	22	65	800	1 / 24
853541M	41	61	54	22	70	846	1 / 24
853542M	42	64	54	22	70	890	1 / 20
853544M	44	67	54	26	70	1000	1 / 20
853545M	45	67	54	26	70	953	1 / 20
853546M	46	68	54	26	75	1075	1 / 20
853548M	48	70	54	26	75	1085	1 / 20
853550M	50	73	54	26	75	1170	1 / 20
853552M	52	75	54	30	80	1300	1 / 12
853553M	53	76	54	30	80	1300	1 / 12
853554M	54	78	54	30	80	1400	1 / 12
853555M	55	79	54	32	83	1433	1 / 12
853558M	58	83	54	32	83	1542	1 / 12
853560M	60	86	54	32	87	1758	1 / 12
853563M	63	90	54	34	87	1750	1 / 12
853565M	65	92	54	34	90	1758	1 / 12
853566M	66	94	54	34	90	1966	1 / 12
853568M	68	95	54	34	90	1966	1 / 12
853570M	70	97	54	34	93	2112	1 / 8
853571M	71	99	86	36	93	2925	1 / 8
853575M	75	104	86	36	95	3188	1 / 8
853580M	80	110	86	43	95	3350	1 / 4
853585M	85	115	86	43	95	3250	1 / 4
853590M	90	122	86	43	100	3950	1 / 4
853595M	95	130	95	52	105	4290	1 / 2
8535A0M	100	136	95	51	105	4600	1 / 2

8535S — 1"

- ANSI/ASME B107.2





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
853524S	3/4	35	54	15	58	508	1 / 24
853526S	13/16	37	54	15	58	529	1 / 24
853528S	7/8	38	54	15	58	520	1 / 24
853530S	15/16	41	54	17	58	529	1 / 24
853532S	1	42	54	17	58	567	1 / 24
853534S	1-1/16	44	54	19	58	538	1 / 24
853536S	1-1/8	47	54	19	58	600	1 / 24
853538S	1-3/16	48	54	20	60	592	1 / 24
853540S	1-1/4	51	54	20	62	679	1 / 24
853542S	1-5/16	52	54	20	62	700	1 / 24
853544S	1-3/8	54	54	20	62	779	1 / 24
853546S	1-7/16	56	54	20	65	729	1 / 24
853548S	1-1/2	58	54	22	65	742	1 / 24
853550S	1-9/16	60	54	22	65	800	1 / 24
853552S	1-5/8	61	54	22	70	846	1 / 24
853554S	1-11/16	64	54	22	70	890	1 / 20
853556S	1-3/4	67	54	26	70	1000	1 / 20
853558S	1-13/16	68	54	26	75	1075	1 / 20
853560S	1-7/8	70	54	26	75	1085	1 / 20
853562S	1-15/16	72	54	26	75	1140	1 / 20
853564S	2	74	54	30	75	1235	1 / 20
853566S	2-1/16	75	54	30	80	1300	1 / 12
853568S	2-1/8	78	54	30	80	1400	1 / 12
853570S	2-3/16	79	54	32	83	1433	1 / 12
853572S	2-1/4	82	54	32	83	1500	1 / 12
853574S	2-5/16	83	54	32	83	1542	1 / 12
853576S	2-3/8	86	54	32	87	1758	1 / 12
853578S	2-7/16	88	54	34	87	1760	1 / 12
853580S	2-1/2	90	54	34	87	1750	1 / 12
853582S	2-9/16	92	54	34	90	1758	1 / 12
853584S	2-5/8	94	54	34	90	1966	1 / 12
853586S	2-11/16	95	54	34	90	1966	1 / 12
853588S	2-3/4	97	54	34	93	2112	1 / 8
853590S	2-13/16	99	86	36	93	2925	1 / 8
853592S	2-7/8	102	86	36	93	3050	1 / 8
853594S	2-15/16	104	86	36	95	3188	1 / 8
853596S	3	106	86	36	95	3205	1 / 8
8535A0S	3-1/8	110	86	43	95	3350	1 / 4
8535A4S	3-1/4	112	86	43	95	3300	1 / 4
8535A8S	3-3/8	117	86	43	100	3550	1 / 4
8535B2S	3-1/2	122	86	43	100	3950	1 / 4

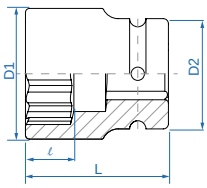
Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8530S — 1"

▪ ANSI/ASME B107.2

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
853024S	3/4	35	54	15	58	508	1 / 24
853030S	15/16	37	54	15	58	529	1 / 24
853032S	1	42	54	17	58	567	1 / 24
853036S	1-1/8	47	54	19	58	600	1 / 24
853040S	1-1/4	51	54	20	62	679	1 / 24
853044S	1-3/8	54	54	20	62	779	1 / 24
853046S	1-7/16	56	54	20	65	729	1 / 24
853054S	1-11/16	64	54	22	70	890	1 / 20
853056S	1-3/4	67	54	26	70	1000	1 / 20
853066S	2-1/16	75	54	30	80	1300	1 / 12
853072S	2-1/4	82	54	32	83	1500	1 / 12
853076S	2-3/8	86	54	32	87	1758	1 / 12



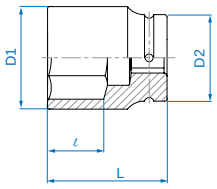


Deep Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8435M — 1"

▪ DIN 3121

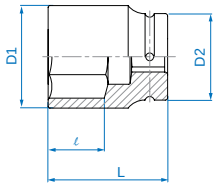




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
843524M	24	41	54	25	90	850	1 / 24
843527M	27	44	54	25	90	879	1 / 24
843528M	28	45	54	25	90	892	1 / 24
843530M	30	48	54	28	90	916	1 / 24
843532M	32	51	54	28	90	979	1 / 24
843533M	33	52	54	28	92	1016	1 / 24
843534M	34	53	54	28	92	1029	1 / 24
843535M	35	54	54	28	92	1016	1 / 24
843536M	36	56	54	32	92	1033	1 / 24
843538M	38	58	54	32	92	1025	1 / 24
843540M	40	60	54	32	92	1075	1 / 24
843541M	41	61	54	32	92	1083	1 / 24
843542M	42	64	54	32	92	1100	1 / 24
843546M	46	68	54	35	95	1137	1 / 10
843548M	48	70	54	35	95	1400	1 / 10
843550M	50	73	54	35	95	1518	1 / 10
843552M	52	75	54	40	100	1637	1 / 6
843554M	54	78	54	40	100	1750	1 / 6
843555M	55	79	54	40	100	1862	1 / 6
843558M	58	83	54	42	100	1925	1 / 6
843560M	60	86	54	42	100	2050	1 / 6
843565M	65	92	54	50	110	2663	1 / 6
843570M	70	97	54	59	110	2921	1 / 6

8435S — 1"

▪ ANSI/ASME B107.1





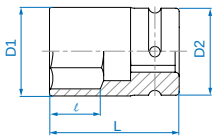
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
843530S	15/16	40.8	54	25	90	850	1 / 24
843532S	1	42	54	25	90	860	1 / 24
843534S	1-1/16	44	54	25	90	879	1 / 24
843536S	1-1/8	46.3	54	25	90	900	1 / 24
843538S	1-3/16	48	54	28	90	916	1 / 24
843540S	1-1/4	51	54	28	90	979	1 / 24
843542S	1-5/16	52	54	28	92	1016	1 / 24
843544S	1-3/8	54	54	28	92	1016	1 / 24
843546S	1-7/16	56	54	32	92	1033	1 / 24
843548S	1-1/2	58	54	32	92	1025	1 / 24
843550S	1-9/16	60	54	32	92	1075	1 / 24
843552S	1-5/8	61	54	32	92	1083	1 / 24
843554S	1-11/16	64	54	32	92	1100	1 / 24
843556S	1-3/4	67	54	32	92	1120	1 / 12
843558S	1-13/16	68	54	35	95	1137	1 / 12
843560S	1-7/8	70	54	35	95	1400	1 / 6
843562S	1-15/16	72	54	35	95	1480	1 / 6
843564S	2	74	54	35	95	1577	1 / 6
843566S	2-1/16	75	54	40	100	1637	1 / 6
843568S	2-1/8	78	54	40	100	1750	1 / 6
843570S	2-3/16	79	54	40	100	1862	1 / 6
843572S	2-1/4	82	54	42	100	1900	1 / 6

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

Thin Wall Impact Socket

8835M — 1"

- Thin wall version
- 6 points
- Metric size
- DIN 3121



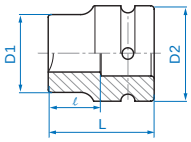


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
883524M	24	38.0	54	26	80	626	1 / 24
883527M	27	42.0	54	26	80	643	1 / 24
883529M	29	44.0	54	26	80	700	1 / 24
883530M	30	46.0	54	30	80	696	1 / 24
883532M	32	48.0	54	30	80	714	1 / 24
883533M	33	49.0	54	30	80	748	1 / 24
883534M	34	50.0	54	30	80	764	1 / 24
883535M	35	52.0	54	32	80	776	1 / 24
883536M	36	53.0	54	32	80	779	1 / 24
883538M	38	56.0	54	32	80	810	1 / 24
883541M	41	59.5	54	32	80	866	1 / 24

Rear Wheel Socket

8514M | 8514S | 8524M — 1"

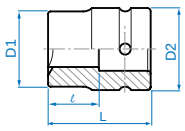
- 4 points
- DIN 3121



8514M



8514M
deep version



8524M



8524M



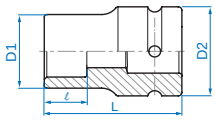
8514S

KT NO.	SQ	D1 mm	D2 mm	ℓ mm	L mm		
851417M	17	40.0	54	30.0	60	618	1 / 24
851419M	19	42.0	54	30.0	60	618	1 / 24
851420M	20	43.0	54	30.0	60	621	1 / 24
851421M	21	44.0	54	30.0	60	621	1 / 24
851422M	22	45.5	54	30.0	60	621	1 / 24
852421M	21	44.0	48	30.0	60	621	1 / 24
851426S	13/16	44	54	30.0	60	625	1 / 24

Rear Wheel Socket

8534M — 1"

- 4 points
- DIN 3121

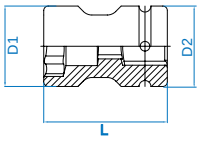




KT NO.	SQ	D1 mm	D2 mm	ℓ mm	L mm		
853417M	17	38.0	54	23.5	76	628	1 / 24
853419M	19	43.0	54	23.5	76	682	1 / 24
853421M	21	47.0	54	23.5	76	733	1 / 24

8545M — 1"

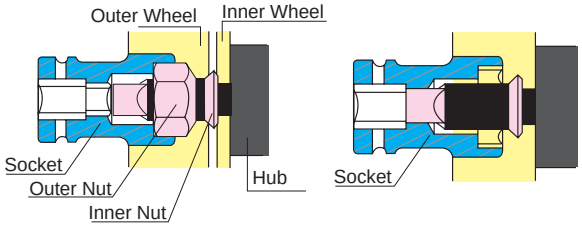
- DIN 3121
- 17SQ x35MM Isuzu, Mitsubishi, Nissan, Mazda
- 19SQ x41MM Mazda
- 20SQ x38MM Hino, Toyota, Daihatsu
- 20SQ x41MM Hino, Toyota, Daihatsu
- 21SQ x41MM Scania, Isuzu, Hino, Mitsubishi, Nissan







Use for



The wheel nut socket fits onto both outer nut and inner nut

KT NO.	SQ	mm	D1 mm	D2 mm	ℓ mm	L mm		
85451735M	17	x 35	54	54	13	83	1042	1 / 24
85451941M	19	x 41	55	54	14	83	985	1 / 24
85452038M	20	x 38	58	54	14	87	1099	1 / 24
85452041M	20	x 41	58	54	14	87	1086	1 / 24
85452141M	21	x 41	58	54	14	87	1071	1 / 24

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

Impact Bit Socket

8015M 1"

- Hexagon head
- DIN 3121



KT NO.	mm	L mm		
801519M	H19	75	860	1 / 24

1954 809622M

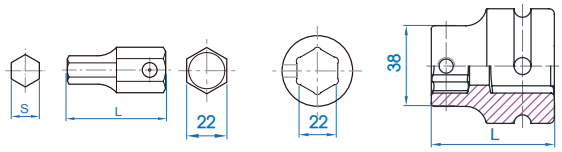
- Hex bit & bit holder
- DIN 3121



1954



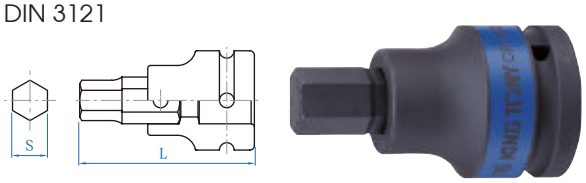
809622M



KT NO.	S mm	L mm	Max. torq Nm		
195419H	H19	54.5	1577	140	12 / 120
195422H	H22	54.5	2436	162	12 / 120
195424H	H24	54.5	2436	176	10 / 100
195427H	H27	54.5	2436	200	10 / 100
195430H	H30	54.5	2436	232	6 / 60
195432H	H32	54.5	2436	243	6 / 60
809622M	22	58.0	-	756	1 / 24

809622MxxH 1"

- Hexagon head
- DIN 3121



KT NO.	S mm	mm	L (mm)	Max. torq Nm		
809622M19H	H19	22	93	1577	896	1 / 10
809622M22H	H22	22	93	2436	918	1 / 10
809622M24H	H24	22	93	2436	932	1 / 10
809622M27H	H27	22	93	2436	956	1 / 10
809622M30H	H30	22	93	2436	988	1 / 10
809622M32H	H32	22	93	2436	999	1 / 10

Impact Accessory

8260 8260P 1"

- Extension bar & with ball
- DIN 3121



8260



8260P

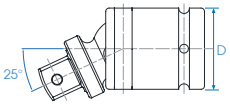
KT NO.	Overall Length inch	mm		
8260-07	7	175	1393	1 / 12
8260-10	10	250	1891	1 / 12
8260-13	13	330	2455	1 / 8
8260-07P	7	175	1393	1 / 12
8260-10P	10	250	1891	1 / 12
8260-13P	13	330	2455	1 / 8

8797 8797P 1"

- Universal joint & with ball
- DIN 3121



8797





8797P

KT NO.	Overall Length inch	mm	D mm		
8797	5	125	60	1530	1 /18
8797P	5	125	60	1530	1 /18

8866 8866P 1"

- Adapter & with ball
- Convert to 3/4" drive
- Max. torque:2118 Nm
- DIN 3121



8866



8866P

KT NO.	Spec.		
8866	1"F x 3/4"M	562	4 / 32
8866P	1"F x 3/4"M	562	4 / 32

Impact Accessory

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

8869 8869P 1"

- Adapter & with ball
- Convert to 1-1/2" drive
- DIN 3121

KT NO.	Spec.	g	
8869	1" F x 1-1/2"M	963	1 / 24
8869P	1" F x 1-1/2"M	963	1 / 24



8869



8869P

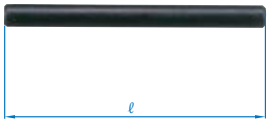
90405 90406

- Locking ring
- High tensile rubber material

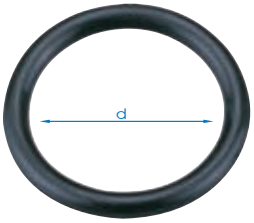
90605 90606 1"

- Locking pin
- Chrome vanadium steel
- DIN 3129

KT NO.	Desp.	ø	d /ℓ	Applied to socket sizes
90405	ring	5.5	44	8535M (19~70mm) 8535S (3/4"~2-3/4") 8435M (24~60mm) 8435S (15/16"~2-1/4") 8835M (24~60mm) 8514M.8514S.8534M.806519M 8260.8797.8866.8869 8535M (71~90mm) 8535S (2-13/16"~3-1/2")
90605	pin	5.0	45	
90406	ring	10	75	
90606	pin	5.0	75	



90605
90606



90405
90406

Impact Socket Set

8410MP 8410SP 1"

Metal case size (mm) :
280 x 130 x 74 (0.095 cuft)



8410MP



8410SP

8 PC.

KT NO.		Contents	kg 6.4	1 / 4
8410MP	○ 8535M	24, 27, 30, 32, 33, 36, 38, 41		
8410SP	○ 8535S	15/16, 1-1/16, 1-3/16, 1-1/4, 1-5/16, 1-7/16, 1-1/2, 1-5/8		

Impact Socket Set

8409MP 1"

Metal case size (mm) :
445 x 100 x 65 (0.104 cuft)

8 PC.



Contents			7.82 kg	1 / 2
	8435M	24, 27, 30, 32, 33, 36, 38, 41		

8408MP 1"

- 6 PC. thin wall version
- 2 PC. rear wheel

Metal case size (mm) :
445 x 120 x 68 (0.128 cuft)

8 PC.



Contents			6.9 kg	1 / 2
	8835M	24, 27, 32, 36, 38, 41		
	8534M	17, 21		

8408MP02 1"

- 6 PC. thin wall deep version
- 2 PC. rear wheel, square

Metal case size (mm) :
445 x 120 x 68 (0.128 cuft)

8 PC.



Contents			6.9 kg	1 / 2
	8835M	24, 27, 32, 36, 38, 41		
	8534M	19, 21		

Impact Accessory

9260 / 9260P 1-1/2"

- Extension bar & with ball
- DIN 3121



9260

9260P

KT NO.	Overall length inch	Overall length mm	g	
9260-13	13	330	5900	1 / 4
9260-13P	13	330	5900	1 / 4

9868 / 9868P 1-1/2"

- Adapter & with ball
- Convert to 1" drive
- Max. → torque:2515 Nm
- DIN 3121



9868 9868P

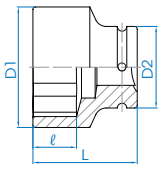
KT NO.	Spec.	g	
9868	1-1/2" F x 1"M	2360	1 / 6
9868P	1-1/2" F x 1"M	2360	1 / 6

Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

9535M 1-1/2"

▪ DIN 3129

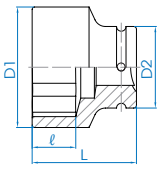




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
953532M	32	56	86	23	80	1945	1/6
953533M	33	57	86	23	80	1935	1/6
953534M	34	58	86	24	80	1947	1/6
953536M	36	62	86	26	80	1905	1/6
953538M	38	64	86	26	80	2002	1/6
953541M	41	68	86	28	80	2125	1/6
953542M	42	70	86	28	80	2295	1/6
953546M	46	73	86	30	85	2233	1/6
953550M	50	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

9535S 1-1/2"

▪ ANSI/ASME B107.1





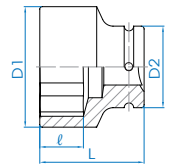
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	
953564S	2	81	86	35	85	2400	1 / 6
953566S	2-1/16	82	86	36	85	3075	1 / 6
953568S	2-1/8	84	86	36	90	3214	1 / 6
953570S	2-3/16	85	86	43	93	3204	1 / 6
953572S	2-1/4	87	86	43	93	3205	1 / 6
953574S	2-5/16	89	86	43	93	3263	1 / 6
953576S	2-3/8	90	86	45	95	2950	1 / 6
953578S	2-7/16	93	86	44	95	3426	1 / 6
953580S	2-1/2	95	86	46	97	3547	1 / 6
953582S	2-9/16	96	86	49	100	3617	1 / 6
953584S	2-5/8	99	86	48	100	3780	1 / 6
953586S	2-11/16	101	86	48	100	3842	1 / 6
953588S	2-3/4	103	86	48	103	4080	1 / 6
953590S	2-13/16	105	86	50	105	4192	1 / 6
953592S	2-7/8	107	86	50	105	3600	1 / 6
953594S	2-15/16	108	86	50	105	3700	1 / 6
953596S	3	111	86	50	105	4465	1 / 4
953598S	3-1/16	114	86	52	105	4577	1 / 4
9535A0S	3-1/8	116	86	53	105	4689	1 / 4
9535A2S	3-3/16	118	86	53	105	4746	1 / 4
9535A4S	3-1/4	120	86	54	105	4829	1 / 4
9535A6S	3-5/16	122	86	56	105	4879	1 / 4
9535A8S	3-3/8	123	86	56	105	4870	1 / 4
9535B0S	3-7/16	125	86	57	105	4954	1 / 4
9535B2S	3-1/2	129	86	60	110	5442	1 / 4
9535B4S	3-9/16	130	86	60	110	5435	1 / 4
9535B6S	3-5/8	131	86	60	110	5435	1 / 4
9535B8S	3-11/16	133	86	62	113	5468	1 / 1
9535C0S	3-3/4	136	127	62	113	8147	1 / 1
9535C2S	3-13/16	138	127	64	120	9098	1 / 1
9535C4S	3-7/8	139	127	66	120	8954	1 / 1
9535C6S	3-15/16	140	127	66	120	8931	1 / 1
9535C8S	4	142	127	66	120	8104	1 / 1
9535D0S	4-1/16	143	127	68	120	8914	1 / 1
9535D2S	4-1/8	146	127	68	120	8340	1 / 1
9535D4S	4-3/16	146	127	70	120	8917	1 / 1
9535D6S	4-1/4	150	127	72	124	9400	1 / 1
9535D8S	4-5/16	154	127	72	124	10026	1 / 1
9535E0S	4-3/8	155	127	72	124	9999	1 / 1
9535E2S	4-7/16	155	127	75	128	10112	1 / 1
9535E4S	4-1/2	159	127	75	128	9766	1 / 1
9535E8S	4-5/8	164	127	79	132	13730	1 / 1
9535F2S	4-3/4	167	127	79	132	11148	1 / 1
9535F6S	4-7/8	171	127	79	136	12423	1 / 1
9535G0S	5	174	127	79	140	13090	1 / 1
9535G4S	5-1/8	180	127	80	143	13896	1 / 1
9535G8S	5-1/4	184	127	80	145	13570	1 / 1
9535J2S	6	203	127	85	165	14270	1 / 1

Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

A535M 2-1/2"

▪ DIN 3129



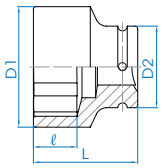


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
A535041M	41	78	127	39	115	5985	1 / 4
A535046M	46	83	127	39	115	5971	1 / 4
A535050M	50	88	127	39	115	6050	1 / 4
A535051M	51	89	127	39	115	6064	1 / 4
A535055M	55	94	127	42	115	6148	1 / 4
A535057M	57	96	127	42	115	6180	1 / 4
A535060M	60	100	127	45	125	6878	1 / 2
A535065M	65	105	127	48	125	6901	1 / 2
A535070M	70	110	127	50	125	6933	1 / 2
A535075M	75	115	127	55	125	7148	1 / 2
A535076M	76	120	127	55	125	7143	1 / 2
A535077M	77	120	127	55	125	7156	1 / 2
A535080M	80	123	127	57	125	7229	1 / 2
A535085M	85	127	127	60	130	7549	1 / 2
A535086M	86	127	127	60	130	7470	1 / 2
A535090M	90	135	127	65	130	7906	1 / 2
A535095M	95	140	127	70	140	8564	1 / 2
A535100M	100	145	127	70	140	9084	1 / 2
A535105M	105	155	127	70	142	10189	1 / 2
A535110M	110	160	127	76	155	11511	1 / 2
A535115M	115	165	127	78	155	18390	1 / 2
A535120M	120	175	127	80	160	18991	1 / 1
A535125M	125	180	127	82	165	19874	1 / 1
A535130M	130	185	127	85	170	20649	1 / 1
A535135M	135	190	127	90	175	21751	1 / 1
A535140M	140	200	127	95	180	24066	1 / 1
A535145M	145	205	127	95	183	24961	1 / 1
A535150M	150	210	127	100	190	26918	1 / 1
A535155M	155	215	175	100	195	27998	1 / 1
A535160M	160	225	175	100	200	31132	1 / 1
A535165M	165	230	175	105	205	32455	1 / 1
A535170M	170	235	175	105	205	33150	1 / 1
A535175M	175	240	175	110	210	34520	1 / 1
A535180M	180	250	175	110	213	38239	1 / 1
A535185M	185	255	175	110	213	39849	1 / 1
A535190M	190	265	175	115	220	41491	1 / 1
A535200M	200	275	175	120	225	44442	1 / 1
A535210M	210	285	175	125	235	48784	1 / 1
A535215M	215	290	175	125	240	51218	1 / 1
A535225M	225	305	175	135	250	57571	1 / 1
A535235M	235	315	175	140	260	62922	1 / 1

(Make - to - order production)

A535S 2-1/2"

▪ ANSI/ASME B107.1





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
A535076S	2-3/8	100	127	45	125	6892	1 / 2
A535078S	2-7/16	103	127	45	125	6937	1 / 2
A535080S	2-1/2	103	127	48	125	6855	1 / 2
A535082S	2-9/16	105	127	48	125	6901	1 / 2
A535084S	2-5/8	107	127	50	125	6944	1 / 2
A535088S	2-3/4	110	127	50	125	6935	1 / 2
A535090S	2-13/16	115	127	50	125	7046	1 / 2
A535094S	2-15/16	115	127	55	125	7165	1 / 2
A535096S	3	120	127	55	125	7203	1 / 2
A535100S	3-1/8	123	127	57	125	7262	1 / 2
A535108S	3-3/8	127	127	60	130	7486	1 / 2
A535112S	3-1/2	135	127	65	130	7988	1 / 2
A535120S	3-3/4	140	127	70	140	8561	1 / 2
A535124S	3-7/8	145	127	70	140	8651	1 / 2
A535126S	3-15/16	145	127	70	140	8767	1 / 2
A535132S	4-1/8	155	127	70	142	9910	1 / 2
A535136S	4-1/4	160	127	75	155	11749	1 / 2
A535138S	4-5/16	160	127	75	155	12526	1 / 2
A535144S	4-1/2	165	127	78	155	12614	1 / 2
A535148S	4-5/8	175	127	80	160	19181	1 / 1
A535156S	4-7/8	180	127	82	165	19876	1 / 1
A535160S	5	185	127	82	165	20029	1 / 1
A535164S	5-1/8	185	127	85	170	20425	1 / 1
A535168S	5-1/4	190	127	90	175	21817	1 / 1
A535172S	5-3/8	200	127	95	180	23903	1 / 1
A535180S	5-5/8	205	127	95	183	24439	1 / 1
A535184S	5-3/4	205	127	95	183	26303	1 / 1
A535188S	5-7/8	210	127	100	190	26627	1 / 1
A535192S	6	215	175	100	195	29105	1 / 1
A535196S	6-1/8	220	175	100	195	28695	1 / 1
A535200S	6-1/4	220	175	100	195	28581	1 / 1
A535204S	6-3/8	225	175	100	200	30775	1 / 1
A535208S	6-1/2	230	175	105	205	31057	1 / 1
A535212S	6-5/8	235	175	105	205	32173	1 / 1
A535216S	6-3/4	235	175	105	205	33688	1 / 1
A535220S	6-7/8	240	175	110	210	32414	1 / 1
A535224S	7	245	175	110	210	35530	1 / 1
A535240S	7-1/2	265	175	115	220	41160	1 / 1
A535244S	7-5/8	265	175	115	220	41527	1 / 1
A535252S	7-7/8	275	175	120	225	44463	1 / 1
A535256S	8	280	175	120	230	45898	1 / 1

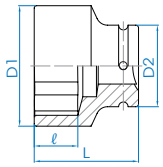
(Make - to - order production)

Standard Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

B535M 3-1/2"

▪ DIN 3129



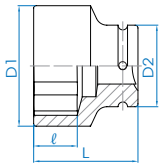


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
B535105M	105	165	175	70	175	18736	1 / 1
B535110M	110	170	175	75	175	19192	1 / 1
B535115M	115	175	175	78	180	19740	1 / 1
B535120M	120	180	175	80	185	20249	1 / 1
B535125M	125	185	175	82	185	21866	1 / 1
B535130M	130	190	175	85	194	22709	1 / 1
B535135M	135	200	175	90	200	24242	1 / 1
B535140M	140	205	175	95	205	25594	1 / 1
B535145M	145	210	175	95	210	31125	1 / 1
B535150M	150	215	175	100	210	32386	1 / 1
B535160M	160	230	175	100	220	35851	1 / 1
B535165M	165	235	175	105	224	37929	1 / 1
B535170M	170	240	175	105	225	38715	1 / 1
B535175M	175	245	175	110	230	40057	1 / 1
B535180M	180	255	200	110	230	43773	1 / 1
B535185M	185	260	200	110	235	46944	1 / 1
B535190M	190	270	200	115	240	50602	1 / 1
B535200M	200	280	200	120	245	52902	1 / 1
B535210M	210	290	200	125	250	57508	1 / 1
B535215M	215	300	200	125	250	60066	1 / 1
B535225M	225	310	200	135	265	61504	1 / 1
B535235M	235	315	200	140	267	67914	1 / 1

(Make - to - order production)

B535S 3-1/2"

▪ ANSI/ASME B107.1





KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
B535132S	4-1/8	165	175	70	175	18749	1 / 1
B535136S	4-1/4	168	175	75	175	19087	1 / 1
B535140S	4-3/8	170	175	75	175	19742	1 / 1
B535144S	4-1/2	175	175	78	180	19725	1 / 1
B535148S	4-5/8	175	175	80	180	19957	1 / 1
B535152S	4-3/4	180	175	80	185	20142	1 / 1
B535156S	4-7/8	185	175	82	185	22040	1 / 1
B535160S	5	190	175	82	194	21593	1 / 1
B535164S	5-1/8	190	175	85	194	22640	1 / 1
B535168S	5-1/4	200	175	90	200	23594	1 / 1
B535172S	5-3/8	200	175	95	200	24645	1 / 1
B535176S	5-1/2	205	175	95	205	25572	1 / 1
B535180S	5-5/8	205	175	95	205	30530	1 / 1
B535184S	5-3/4	210	175	95	210	31925	1 / 1
B535188S	5-7/8	215	175	100	210	32509	1 / 1
B535192S	6	220	175	100	215	33432	1 / 1
B535196S	6-1/8	220	175	100	215	34281	1 / 1
B535200S	6-1/4	230	175	100	220	35136	1 / 1
B535204S	6-3/8	230	175	100	220	36511	1 / 1
B535208S	6-1/2	235	175	105	224	37769	1 / 1
B535212S	6-5/8	235	175	105	224	37989	1 / 1
B535216S	6-3/4	240	175	105	225	38706	1 / 1
B535220S	6-7/8	245	175	110	230	39875	1 / 1
B535224S	7	250	200	110	230	41995	1 / 1
B535228S	7-1/8	255	200	110	230	44245	1 / 1
B535232S	7-1/4	260	200	110	235	46618	1 / 1
B535236S	7-3/8	270	200	115	240	48119	1 / 1
B535240S	7-1/2	270	200	115	240	50657	1 / 1
B535244S	7-5/8	275	200	115	240	51494	1 / 1
B535248S	7-3/4	280	200	120	245	52113	1 / 1
B535252S	7-7/8	280	200	120	245	53592	1 / 1
B535256S	8	285	200	120	245	55599	1 / 1
B535260S	8-1/8	290	200	120	250	56258	1 / 1
B535264S	8-1/4	290	200	125	250	57502	1 / 1
B535268S	8-3/8	300	200	125	250	59140	1 / 1
B535272S	8-1/2	300	200	125	250	59438	1 / 1
B535276S	8-5/8	305	200	135	260	61945	1 / 1
B535280S	8-3/4	310	200	135	265	64583	1 / 1
B535284S	8-7/8	315	200	140	267	66142	1 / 1

(Make - to - order production)

Notes

TORQUE CONTROL & MULTIPLIERS

- Torque Wrench
- Interchangeable Torque Wrench & Accessory
- Electronic Torque Adapter
- Torque Screwdriver
- Torque Angle Guage & Multiplier
- Torque Tester

Calibration Instruction And Reminder of Torque Wrench

In test conditions, the torque wrench should remain
within the tolerances laid down by DIN ISO 6789 & ASME B107.14M-2004 for 5000 cycles.
Practically, this may be affected and changed by ingress of dust, causing wear, or by damage caused by using the tool improperly such as to loosen fasteners or being dropped regularly.

Assuming the users are trained to use the torque wrenches, and follow the provided comments of instruction, a period of twelve months is reasonable for torque wrenches used in non safety critical areas.
For those tools used in critical applications, a three month or even monthly check would be suggested.

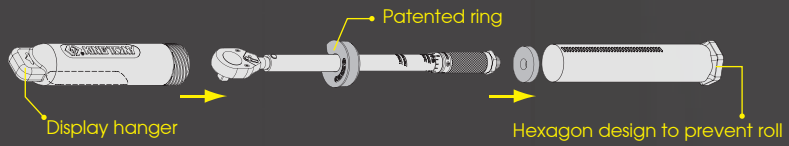

KING TONY
Certificate of Calibration
Model : 34462-2DG
Serial No. : 0810600435
Wrench Capacity: 60-340
Units : Nm Date of Calibration: 2008/10/01
Testing Standard No.: DIN-ISO6789
Inspector Approval
KING TONY TOOLS CO.,LTD.

Calibration Certificate



1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

Recyclable cylinedrical package




KING TONY

Master Torque Control

62 SERIES



Quick:

- Quick release and fine tooth gears design increases efficiency for safety tightening



Sound:

- Click sound and vibration reminds operator to stop in correct torque



Lubricant:

- Apply top industrial level lubricant to reduce friction and keep performance in good condition much longer



Spring:

- Made of high quality alloy steel to offer extrnded working cycles



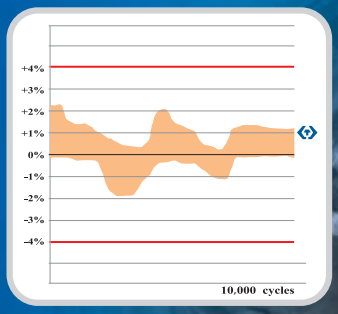
Frame:

- Hardened tube provides extreme durability against friction to assure precision of tolerance



Easy:

- Auto lock design of torque adjustment provides quick and comfortable working experience



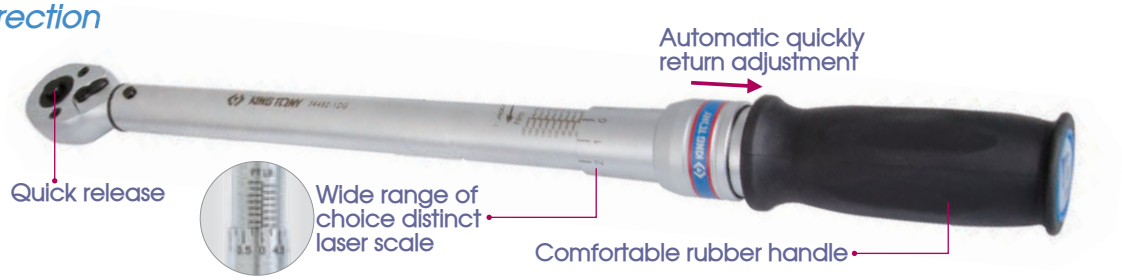
- **±3% tolerance of torque and 10,000 cycles durability performs better than international standard "DIN ISO 6789 & ASME B170.300-2010" with ±4% tolerance and 5,000 cycles requirement.**

Heavy Duty Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm





Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm)

KT NO.	Gear teeth	Square drive	Torque range in. lb. / ft. lb.	Incr.	Torque range Nm	Incr.	Overall length mm	g	
34262-1CG	24	1/4"	30~200 in.lb.	1 in.lb.	4.0~22.0 Nm	0.12 Nm	324	640	1 / 12
34362-1CG	24	3/8"	30~200 in.lb.	1 in.lb.	4.0~22.0 Nm	0.12 Nm	324	640	1 / 12
34362-2CG	32	3/8"	10~80 ft.lb.	0.5 ft.lb.	16.9~105.1 Nm	0.7 Nm	435	1300	1 / 12
34462-1CG	32	1/2"	20~150 ft.lb.	1 ft.lb.	34~197 Nm	1.4 Nm	521	1590	1 / 12
34462-2CG	32	1/2"	30~250 ft.lb.	1 ft.lb.	47~332 Nm	1.4 Nm	613	1810	1 / 12
34662-1CG	24	3/4"	50~450 ft.lb.	5 ft.lb.	102~576 Nm	6.8 Nm	1048	5500	1 / 2
34662-2CG	24	3/4"	100~600 ft.lb.	5 ft.lb.	169~779 Nm	6.8 Nm	1234	5600	1 / 2
34662-3CG	24	3/4"	150~750 ft.lb.	5 ft.lb.	237~983 Nm	6.8 Nm	1238	6150	1 / 2
34862-1CG	24	1"	150~750 ft.lb.	5 ft.lb.	237~983 Nm	6.8 Nm	1238	6150	1 / 2

Single scale - Newton Meter (Nm)

KT NO.	Gear teeth	Square drive	Torque range Nm	Incr.	Overall length mm	g	
34262-1DG	24	1/4"	4~20 Nm	0.1 Nm	324	640	1 / 12
34262-2DG	24	1/4"	2~10 Nm	0.1 Nm	281	560	1 / 12
34262-3DG	24	1/4"	5~30 Nm	0.5 Nm	325	640	1 / 12
34362-1DG	24	3/8"	4~20 Nm	0.1 Nm	324	640	1 / 12
34362-2DG	32	3/8"	20~100 Nm	0.5 Nm	435	1300	1 / 12
34362-3DG	32	3/8"	10~60 Nm	0.5 Nm	325	1300	1 / 12
34462-1DG	32	1/2"	40~200 Nm	1 Nm	521	1590	1 / 12
34462-2DG	32	1/2"	60~340 Nm	2 Nm	613	1810	1 / 12
34462-3DG	32	1/2"	20~100 Nm	1 Nm	436	1300	1 / 12
34462-4DG	32	1/2"	80~400 Nm	2 Nm	613	1970	1 / 12
34662-1DG	24	3/4"	100~600 Nm	5 Nm	1048	5500	1 / 2
34662-2DG	24	3/4"	150~800 Nm	5 Nm	1234	5600	1 / 2
34662-3DG	24	3/4"	200~1000 Nm	5 Nm	1238	6150	1 / 2
34862-1DG	24	1"	200~1000 Nm	5 Nm	1238	6150	1 / 2

CAUTION

1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

- 34262-1DK
- 34362-1DK
- 34362-2DK:
  34362-2xx / 3xx
- 34462-1DK
- 34462-3DK: 34462-3DG / 3GG
- 34662-1DK
- 34662-3DK1: 34662-3xxx series No. after 0805xxxx
- 34862-1DK: series No. before 0805xxxx
- 34862-2DK: series No. after 0805xxxx



Single scale - English (in.lb./ft.lb.)

KT NO.	Gear teeth	Square drive	Torque range in.lb. / ft.lb.	Incr.	Overall length mm	g	
34262-1EG	24	1/4"	30~200 in.lb.	1 in.lb.	324	640	1 / 12
34362-1EG	24	3/8"	30~200 in.lb.	1 in.lb.	324	640	1 / 12
34362-2EG	32	3/8"	10~80 ft.lb.	0.5 ft.lb.	435	1300	1 / 12
34462-1EG	32	1/2"	20~150 ft.lb.	1 ft.lb.	521	1590	1 / 12
34462-2EG	32	1/2"	30~250 ft.lb.	1 ft.lb.	613	1810	1 / 12
34662-1EG	24	3/4"	50~450 ft.lb.	5 ft.lb.	1048	5500	1 / 2
34662-2EG	24	3/4"	100~600 ft.lb.	5 ft.lb.	1234	5600	1 / 2
34662-3EG	24	3/4"	150~750 ft.lb.	5 ft.lb.	1238	6150	1 / 2
34662-4EG	24	3/4"	60~300 ft.lb.	2 ft.lb.	614	1800	1 / 12
34862-1EG	24	1"	150~750 ft.lb.	5 ft.lb.	1238	6150	1 / 2

Dual Scale - Newton Meter & English (Nm & ft.lb.)

KT NO.	Gear teeth	Square drive	Torque range Nm	Incr.	Torque range ft. lb.	Incr.	Overall length mm	g	
34462-1FG	32	1 / 2"	40~200 Nm	1 Nm	33.2~143.8 ft.lb.	0.8 ft.lb.	521	1590	1 / 12
34462-2FG	32	1 / 2"	60~340 Nm	2 Nm	51.6~243.4 ft.lb.	1.5 ft.lb.	613	1720	1 / 12
34862-1FG	24	1"	200~1000 Nm	5 Nm	166~719 ft.lb.	5 ft.lb.	1238	6150	1 / 2

Dual Scale - Kilogram-force Centimeter & Newton Meter (kgf.cm & Nm)

KT NO.	Gear teeth	Square drive	Torque range kgf.cm / kgf.m	Incr.	Torque range Nm	Incr.	Overall length mm	g	
34262-1GG	24	1/4"	40~200 Kgf.cm	1 Kgf.cm	4.4~19.1 Nm	0.92 Nm	324	640	1 / 12
34362-1GG	24	3/8"	40~200 Kgf.cm	1 Kgf.cm	4.4~19.1 Nm	0.92 Nm	324	640	1 / 12
34362-2GG	32	3/8"	200~1000 Kgf.cm	5 Kgf.cm	22.1~95.6 Nm	0.46 Nm	435	1300	1 / 12
34462-1GG	32	1/2"	400~2000 Kgf.cm	10 Kgf.cm	44.1~191.2 Nm	0.46 Nm	521	1590	1 / 12
34462-2GG	32	1/2"	6~34 Kgf.m	0.2 Kgf.m	68.6~323.6 Nm	1.82 Nm	613	1810	1 / 12
34462-3GG	32	1/2"	200~1000 Kgf.cm	0.5 Kgf.m	22.1~95.6 Nm	4.9 Nm	436	1470	1 / 12
34662-1GG	24	3/4"	10~60 Kgf.m	0.5 Kgf.m	123~564 Nm	4.9 Nm	1048	5500	1 / 2
34662-2GG	24	3/4"	15~80 Kgf.m	0.5 Kgf.m	172~760 Nm	4.9 Nm	1234	5600	1 / 2
34662-3GG	24	3/4"	20~100 Kgf.m	0.5 Kgf.m	221~956 Nm	4.9 Nm	1238	6150	1 / 2
34862-1GG	24	1"	20~100 Kgf.m	0.5 Kgf.m	221~956 Nm	4.9 Nm	1238	6150	1 / 2

Heavy Duty Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

34862-2CF, 34862-2DF
34862-2EF, 34862-2FF





It needs to use with extension bar

34862-2CG, 34862-2DG
34862-2EG, 34862-2FG
34862-2GG



Dual Scale - English & Newton Meter (ft.lb. & Nm)

KT NO.	Square drive	Torque Rrange ft. lb.	Incr.	Torque range Nm	Incr.	Overall length mm		
34862-2CG	1"	200~1000 ft.lb.	5 ft.lb.	305~1322 Nm	6.8 Nm	1850	12200	1 / 2
34862-2CF	1"	200~1000 ft.lb.	5 ft.lb.	305~1322 Nm	6.8 Nm	1850	12200	1 / 2

Single scale - Newton Meter (Nm)

KT NO.	Square drive	Torque range Nm	Incr.	Overall length mm		
34862-2DF	1"	300~1500 Nm	10 Nm	1850	12200	1 / 2
34862-2DG	1"	300~1500 Nm	10 Nm	1850	12200	1 / 2

Single scale - English (ft.lb.)

KT NO.	Square drive	Torque range ft. lb.	Incr.	Overall length mm		
34862-2EG	1"	200~1000 ft.lb.	5 ft.lb.	1850	12200	1 / 2
34862-2EF	1"	200~1000 ft.lb.	5 ft.lb.	1850	12200	1 / 2

CAUTION

1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.



- 34862-1DK-series No. before 0805xxx
- 34862-2DK-series No. after 0805xxx

Dual Scale - Newton Meter & English (Nm & ft.lb.)

KT NO.	Square drive	Torque range Nm	Incr.	Torque range ft. lb.	Incr.	Overall length mm		
34862-2FF	1"	300~1500 Nm	10 Nm	258~1070 ft.lb.	7.4 ft. lb.	1850	12200	1 / 2
34862-2FG	1"	300~1500 Nm	10 Nm	258~1070 ft.lb.	7.4 ft. lb.	1850	12200	1 / 2

Dual Scale - Kilogram-force Centimeter & Newton Meter (kgf.cm & Nm)

KT NO.	Square drive	Torque range kgf.cm / kgf.m	Incr.	Torque range Nm	Incr.	Overall length mm		
34862-2GG	1"	30~150 Kgf.m	1 Kgf.m	343~1422 Nm	5 Nm	1850	12200	1 / 2



Heavy Duty Adjustable Torque Wrench

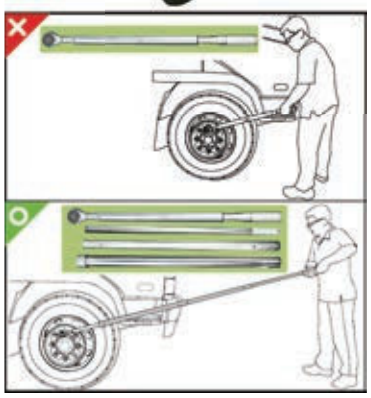
Design for easy torque adjustment
Quality accords to DIN ISO 6789 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

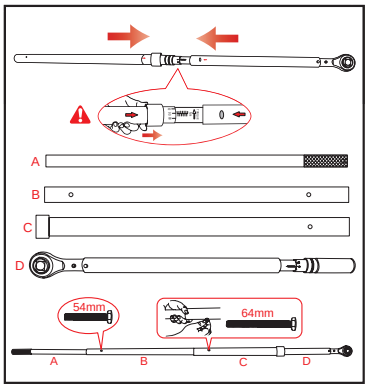
1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

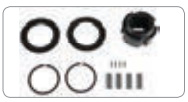


Push through mechanism for easy repair

Wide range of choice
Distinct laser scale






34862-3DK90


34862-3DK


34862-3DK91

CAUTION

1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm)

KT NO.	Square drive	Torque range ft.lb.	Incr.	Torque range Nm	Incr.	Overall length mm		
34862-3CF	1"	400~2000 ft.lb.	10 ft.lb.	610~2644 Nm	13.55 Nm	2755	23990	1 / 1

KT NO.	Square drive	Torque range Nm	Incr.	Torque range ft.lb.	Incr.	Overall length mm		
34862-3FF	1"	500~2500 Nm	14.77 ft.lb.	443~1771 ft.lb.	20 Nm	2755	25380	1 / 1

Heavy Duty Mini-type Torque Wrench

Industrial application
Quality accords to DIN ISO 6789 & ASME B107.14M-2004
Tolerance of torque ±3%(CW)
CW/CCW Direction



Quick release

• Automatic quickly return adjustment


• 3426C-1DK for 3426C-1DF/2DF


• 3436C-1DK for 3436C-1DF/2DF

Single scale - Newton Meter (Nm)

KT NO.	Square drive	Torque range Nm	Incr.	Overall length mm		
• 3426C-1DF	1/4"	3~15 Nm	0.1 Nm	211	330	24
• 3426C-2DF	1/4"	5~25 Nm	0.2 Nm	249	430	24
• 3436C-1DF	3/8"	3~15 Nm	0.1 Nm	211	450	24
• 3436C-2DF	3/8"	5~25 Nm	0.2 Nm	249	550	24

Heavy Duty 72 Teeth Adjustable Torque Wrench

Colorful quick release button design
Fixed head version allows using in narrow spaces
Quality accords to DIN ISO 6789 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Single scale - Newton Meter (Nm)

	KT NO.	Square drive	Torque range Nm	Incr.	Overall length mm		
●	3426A-1DG	1/4"	2~10 Nm	0.1 Nm	285	560	1 / 24
●	3426A-2DG	1/4"	4~20 Nm	0.1 Nm	325	640	1 / 24
●	3436A-2DG	3/8"	20~100 Nm	0.5 Nm	430	1300	1 / 12
●	3446A-1DG	1/2"	40~200 Nm	1 Nm	490	1460	1 / 12
●	3446A-2DG	1/2"	60~340 Nm	2 Nm	590	1750	1 / 12

Single scale - English (in.lb./ft.lb.)

	KT NO.	Square drive	Torque range in. lb. / ft. lb.	Incr.	Overall length mm		
●	3426A-1EG	1/4"	20~100 in.lb.	1 in.lb.	285	560	1 / 24
●	3426A-2EG	1/4"	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
●3436A-2DK
●3446A-1DK
series No. before 17086A



●3426A-1DK01
●3436A-2DK01
●3446A-1DK01
series No. after 17086A







CAUTION

1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

Heavy Duty Interchangeable Torque Wrench

Using standard insert head
Positive button design which removes the insert head easily
Quality accords to DIN ISO 6789 & ASME B107.300-2010
Tolerance of torque ±3%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Dual Scale - English & Newton Meter (ft.lb. & Nm)

KT NO.	Size mm	Torque range ft. lb.	Incr.	Torque range Nm	Incr.	Overall length mm	g	
34512-1CG	9 x 12	20~100 in.lb.	1 in.lb	2.8~10.7 Nm	0.12 Nm	261	510	1 / 12
34512-2CG	9 x 12	30~200 in.lb.	1 in.lb	4.0~22.0 Nm	0.12 Nm	306	590	1 / 12
34512-3CG	9 x 12	10~80 ft.lb.	0.5 ft.lb	16.9~105.1 Nm	0.7 Nm	430	1270	1 / 12
34522-1CG	14 x 18	10~80 ft.lb.	0.5 ft.lb	16.9~105.1 Nm	0.7 Nm	430	1270	1 / 12
34522-2CG	14 x 18	20~150 ft.lb.	1 ft.lb	34~197 Nm	1.4 Nm	485	1410	1 / 12
34522-3CG	14 x 18	30~250 ft.lb.	1 ft.lb	47~332 Nm	1.4 Nm	580	1590	1 / 12

Single scale - Newton Meter (Nm)

KT NO.	Size mm	Torque range Nm	Incr.	Overall length mm	g	
34512-1DG	9 x 12	2~10 Nm	0.1 Nm	261	510	1 / 12
34512-2DG	9 x 12	4~20 Nm	0.1 Nm	306	590	1 / 12
34512-4DG	9 x 12	10~60 Nm	0.5 Nm	306	590	1 / 12
34512-3DG	9 x 12	20~100 Nm	0.5 Nm	430	1270	1 / 12
34522-1DG	14 x 18	20~100 Nm	0.5 Nm	430	1270	1 / 12
34522-2DG	14 x 18	40~200 Nm	1 Nm	485	1410	1 / 12
34522-3DG	14 x 18	60~340 Nm	2 Nm	580	1590	1 / 12
34522-4DG	14 x 18	100~600 Nm	5 Nm	1015	6200	1 / 2
34522-5DG	14 x 18	10~60 Nm	0.5 Nm	360	1270	1 / 12
34522-6DG	14 x 18	150~800 Nm	5 Nm	1195	6620	1 / 2
34522-7DG	14 x 18	70~350 Nm	2 Nm	580	1800	1 / 12
34522-8DG	14 x 18	200~1000 Nm	5 Nm	1200	6620	1 / 2
34522-9DG	14 x 18	80~400 Nm	2 Nm	580	1780	1 / 12

Single scale - English (in.lb./ft.lb.)

KT NO.	Size mm	Torque range in. lb. / ft. lb.	Incr.	Overall length mm	g	
34512-1EG	9 x 12	20~100 in.lb.	1 in.lb	261	510	1 / 12
34512-2EG	9 x 12	30~200 in.lb.	1 in.lb	306	590	1 / 12
34512-3EG	9 x 12	10~80 ft.lb.	0.5 ft.lb	430	1270	1 / 12
34522-1EG	14 x 18	10~80 ft.lb.	0.5 ft.lb	430	1270	1 / 12
34522-2EG	14 x 18	20~150 ft.lb.	1 ft.lb	485	1410	1 / 12
34522-3EG	14 x 18	30~250 ft.lb.	1 ft.lb	580	1590	1 / 12

Dual Scale - Newton Meter & English (Nm & ft.lb.)

KT NO.	Size mm	Torque range Nm	Incr.	Torque range ft. lb.	Incr.	Overall length mm	g	
34512-1FG	9 x 12	2~10 Nm	0.1 Nm	22.1~84.1 in.lb.	0.9 in.lb	261	510	1 / 12
34512-2FG	9 x 12	4~20 Nm	0.1 Nm	39.8~172.6 in.lb.	0.9 in.lb	306	590	1 / 12
34512-3FG	9 x 12	20~100 Nm	0.5 Nm	16.6~71.9 ft.lb.	0.4 ft.lb	430	1270	1 / 12
34522-1FG	14 x 18	20~100 Nm	0.5 Nm	16.6~71.9 ft.lb.	0.4 ft.lb	430	1270	1 / 12
34522-2FG	14 x 18	40~200 Nm	1 Nm	33.2~143.8 ft.lb.	0.8 ft.lb	485	1410	1 / 12
34522-3FG	14 x 18	60~340 Nm	2 Nm	51.6~243.4 ft.lb.	1.5 ft.lb	580	1590	1 / 12

CAUTION

1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

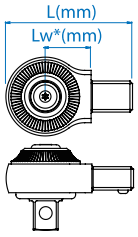
Insert Tool

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

345031 • Chrome plated

- Ratchet insert tool
- 5° gear action degree (72 teeth)







●3426A-1DK
●3436A-2DK
●3446A-1DK
series No. before 17086A

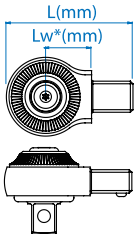


●3426A-1DK01
●3436A-2DK01
●3446A-1DK01
series No. after 17086A

KT NO.	Size	▭ mm	Lw* mm	L mm	g	
●● 34503102R	1/4"DR	9 x 12	17	46	71	12 / 192
●● 34503103R	3/8"DR	9 x 12	17.6	48.8	106	10 / 160
●● 34503104R	1/2"DR	9 x 12	25	60	234	6 / 96

345032 • Chrome plated







●3436A-2DK
●3446A-1DK
series No. before 17086A



●3466A-1DK
series No. before 17086A



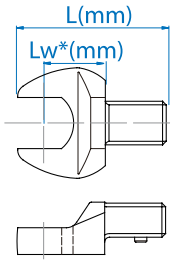
●3436A-2DK01
●3446A-1DK01
series No. before 17086A
●3466A-1DK01
series No. before 17086A

KT NO.	Size	▭ mm	Lw* mm	L mm	g	
●● 34503203R	3/8"DR	14 x 18	27	70	218	6 / 96
●● 34503204R	1/2"DR	14 x 18	27	70	256	6 / 96
●● 34503206R	3/4"DR	14 x 18	27	71.5	348	4 / 64

345011 • Chrome plated

- Open end insert Tool

KT NO.	Size mm	▭ mm	Lw* mm	L mm	g	
34501107M	7	9 x 12	17.5	37.4	36	12 / 192
34501108M	8	9 x 12	17.5	37.9	37	12 / 192
34501109M	9	9 x 12	17.5	37.9	37	12 / 192
34501110M	10	9 x 12	17.5	38.2	41	12 / 192
34501111M	11	9 x 12	17.5	39.0	39	12 / 192
34501112M	12	9 x 12	17.5	39.0	40	12 / 192
34501113M	13	9 x 12	17.5	39.3	45	12 / 192
34501114M	14	9 x 12	20	43.1	54	12 / 192
34501115M	15	9 x 12	20	43.4	55	12 / 192
34501116M	16	9 x 12	20	43.9	57	12 / 192
34501117M	17	9 x 12	20	44.4	58	12 / 192
34501118M	18	9 x 12	20	45.3	59	12 / 192
34501119M	19	9 x 12	20	45.0	64	12 / 192
34501121M	21	9 x 12	25	52.4	120	10 / 160
34501122M	22	9 x 12	25	53.1	124	10 / 160
34501124M	24	9 x 12	25	54.1	128	8 / 128
34501127M	27	9 x 12	32.5	60.1	189	8 / 128
34501130M	30	9 x 12	32.5	60.9	195	10 / 80
34501132M	32	9 x 12	32.5	62.6	213	10 / 80
34501136M	36	9 x 12	32.5	64.8	213	10 / 80





KT NO.	Size inch	▭ mm	Lw* mm	L mm	g	
34501108S	1/4	9 x 12	17	37	36	12 / 192
34501110S	5/16	9 x 12	17	37	38	12 / 192
34501112S	3/8	9 x 12	17	38	39	12 / 192
34501114S	7/16	9 x 12	17	39	41	12 / 192
34501116S	1/2	9 x 12	17	39	43	12 / 192
34501118S	9/16	9 x 12	20	43	53	12 / 192
34501120S	5/8	9 x 12	20	43	57	12 / 192
34501122S	11/16	9 x 12	20	44	62	12 / 192
34501124S	3/4	9 x 12	20	45	65	12 / 192

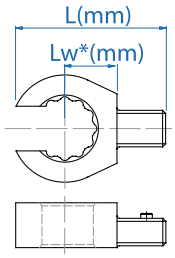
Insert Tool

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

345014

• Chrome plated

KT NO.	Size mm	mm	Lw* mm	L mm	g	
34501410M	10	9 x 12	17.5	42.4	51.6	12 / 192
34501411M	11	9 x 12	17.5	43.0	53.0	12 / 192
34501412M	12	9 x 12	17.5	43.8	55.0	12 / 192
34501413M	13	9 x 12	17.5	43.9	53.8	12 / 192
34501414M	14	9 x 12	17.5	44.3	57.6	12 / 192
34501416M	16	9 x 12	17.5	45.0	58.6	12 / 192
34501417M	17	9 x 12	17.5	45.4	65.0	12 / 192
34501418M	18	9 x 12	17.5	46.0	66.2	12 / 192
34501419M	19	9 x 12	17.5	46.7	73.0	12 / 192
34501421M	21	9 x 12	17.5	47.6	72.2	12 / 192
34501422M	22	9 x 12	17.5	48.5	74.2	12 / 192



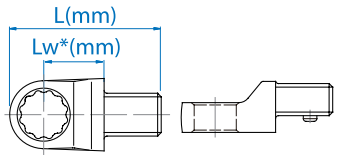


345021

• Chrome plated

▪ Ring insert tool

KT NO.	Size mm	mm	Lw* mm	L mm	g	
34502107M	7	9 x 12	17.5	39	37	12 / 288
34502108M	8	9 x 12	17.5	40	36	12 / 288
34502110M	10	9 x 12	17.5	41	39	12 / 288
34502111M	11	9 x 12	17.5	43	42	12 / 288
34502112M	12	9 x 12	17.5	43	51	12 / 288
34502113M	13	9 x 12	17.5	44	51	12 / 288
34502114M	14	9 x 12	17.5	45	52	12 / 288
34502115M	15	9 x 12	17.5	45	53	12 / 288
34502116M	16	9 x 12	17.5	46	56	12 / 288
34502117M	17	9 x 12	17.5	47	55	12 / 192
34502118M	18	9 x 12	17.5	47	60	12 / 192
34502119M	19	9 x 12	17.5	49	63	12 / 192
34502121M	21	9 x 12	17.5	50	68	12 / 192
34502122M	22	9 x 12	17.5	51	70	12 / 192



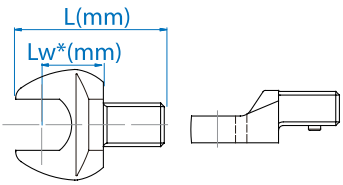


KT NO.	Size inch	mm	Lw* mm	L mm	g	
34502108S	1/4	9 x 12	17.5	39	38	12 / 288
34502110S	5/16	9 x 12	17.5	40	37	12 / 288
34502112S	3/8	9 x 12	17.5	41	42	12 / 288
34502114S	7/16	9 x 12	17.5	43	41	12 / 288
34502116S	1/2	9 x 12	17.5	43	52	12 / 288
34502118S	9/16	9 x 12	17.5	45	53	12 / 288
34502120S	5/8	9 x 12	17.5	46	58	12 / 288
34502122S	11/16	9 x 12	17.5	47	62	12 / 192
34502124S	3/4	9 x 12	17.5	49	62	12 / 192
34502126S	13/16	9 x 12	17.5	50	72	12 / 192
34502128S	7/8	9 x 12	17.5	51	69	12 / 192

345012

• Chrome plated

KT NO.	Size mm	mm	Lw* mm	L mm	g	
34501213M	13	14 x 18	25	58	117	12 / 192
34501214M	14	14 x 18	25	58	120	12 / 192
34501215M	15	14 x 18	25	58	116	12 / 192
34501216M	16	14 x 18	25	59	127	10 / 160
34501217M	17	14 x 18	25	60	138	10 / 160
34501218M	18	14 x 18	25	60	136	10 / 160
34501219M	19	14 x 18	25	61	140	10 / 160
34501221M	21	14 x 18	25	61	160	6 / 96
34501222M	22	14 x 18	25	62	162	6 / 96
34501223M	23	14 x 18	25	62	163	6 / 96
34501224M	24	14 x 18	25	63	168	6 / 96
34501225M	25	14 x 18	25	69	180	6 / 96
34501226M	26	14 x 18	30	69	210	6 / 96
34501227M	27	14 x 18	32.5	69	239	6 / 96
34501230M	30	14 x 18	32.5	70	249	6 / 96
34501232M	32	14 x 18	32.5	73	248	6 / 72
34501234M	34	14 x 18	32.5	74	252	6 / 72
34501236M	36	14 x 18	32.5	75	244	6 / 72
34501238M	38	14 x 18	32.5	74	229	6 / 72
34501240M	40	14 x 18	37	80	280	6 / 72
34501241M	41	14 x 18	40	80	315	6 / 72





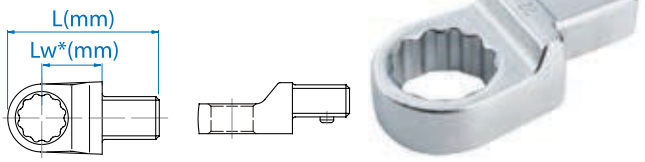
KT NO.	Size inch	mm	Lw* mm	L mm	g	
34501216S	1/2	14 x 18	25	58	117	12 / 192
34501218S	9/16	14 x 18	25	58	120	12 / 192
34501220S	5/8	14 x 18	25	59	127	10 / 160
34501222S	11/16	14 x 18	25	60	138	10 / 160
34501224S	3/4	14 x 18	25	61	140	10 / 160
34501226S	13/16	14 x 18	25	61	160	6 / 96
34501228S	7/8	14 x 18	25	62	162	6 / 96
34501230S	15/16	14 x 18	25	63	168	6 / 96
34501232S	1	14 x 18	25	69	180	6 / 96
34501236S	1-1/8	14 x 18	32.5	70	249	6 / 96
34501240S	1-1/4	14 x 18	32.5	73	248	6 / 96
34501248S	1-1/2	14 x 18	32.5	74	229	6 / 96

Insert Tool

345022

• Chrome plated

KT NO.	Size mm	mm	Lw* mm	L mm	g	
34502213M	13	14 x 18	25	62	129	12 / 192
34502214M	14	14 x 18	25	63	132	12 / 192
34502215M	15	14 x 18	25	63	132	12 / 192
34502216M	16	14 x 18	25	63	137	12 / 192
34502217M	17	14 x 18	25	65	141	12 / 192
34502218M	18	14 x 18	25	65	138	10 / 160
34502219M	19	14 x 18	25	66	144	10 / 160
34502221M	21	14 x 18	25	67	151	10 / 160
34502222M	22	14 x 18	25	68	156	6 / 96
34502224M	24	14 x 18	25	69	161	6 / 96
34502227M	27	14 x 18	32.5	78	204	6 / 96
34502230M	30	14 x 18	32.5	79	204	6 / 96
34502232M	32	14 x 18	32.5	81	213	6 / 96
34502234M	34	14 x 18	32.5	82	225	6 / 90
34502236M	36	14 x 18	32.5	83	230	6 / 90
34502241M	41	14 x 18	40	86	235	6 / 90



KT NO.	Size inch	mm	Lw* mm	L mm	g	
34502216S	1/2	14 x 18	25	62	129	12 / 192
34502218S	9/16	14 x 18	25	63	132	12 / 192
34502220S	5/8	14 x 18	25	63	137	12 / 192
34502224S	3/4	14 x 18	25	66	144	10 / 160

Interchangeable Torque Wrench Set

34510

34520

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



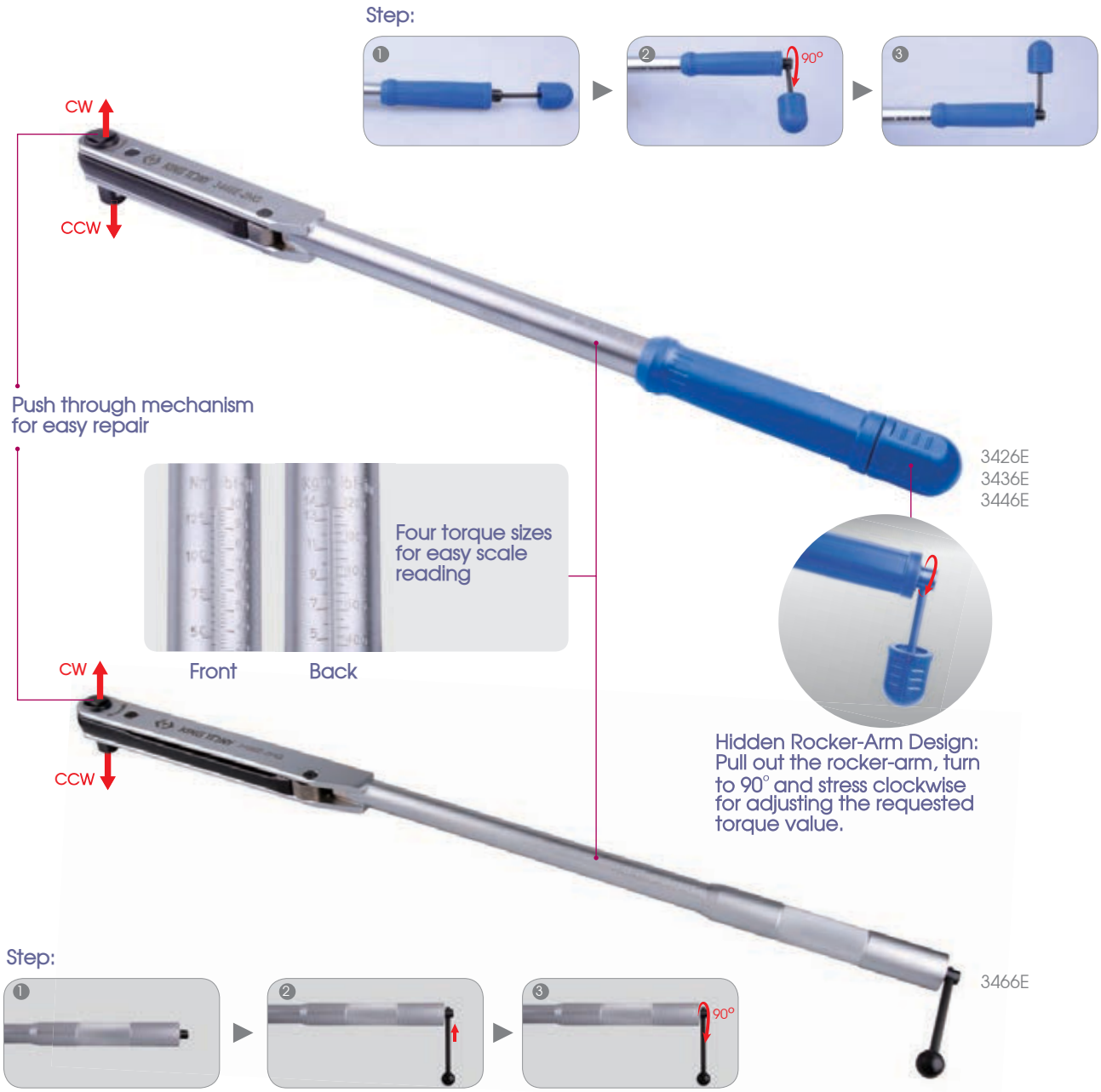
KT NO.	mm	Contents							Kg	
345102D08MR	9 x 12	34512-2DG	4~20 Nm	34503102R	1/4" DR	345011M	345021M		1.3	1 / 15
345104D08MR		34512-4DG	10~60 Nm	34503103R	3/8" DR				1.3	1 / 15
345101E08MR		34512-1EG	20~100 in.lb.	34503102R	1/4" DR				1.2	1 / 15
345102E08MR		34512-2EG	30~200 in.lb.	34503102R	1/4" DR	10, 13, 17	10, 13, 17		1.3	1 / 15

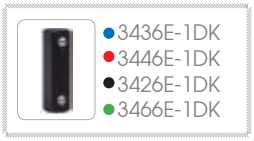
KT NO.	mm	Contents							Kg	
345201D11MR	14 x 18	34522-1DG	20~100 Nm	34503203R	3/8" DR	345012M			3.7	1 / 6
345202D11MR		34522-2DG	40~200 Nm	34503204R	1/2" DR				3.8	1 / 6
345203D11MR		34522-3DG	60~340 Nm	34503204R	1/2" DR				4	1 / 6
345201E11MR		34522-1EG	10~80 ft.lb.	34503203R	3/8" DR				3.7	1 / 6
345202E11MR		34522-2EG	20~150 ft.lb.	34503204R	1/2" DR	13, 14, 15, 17, 19, 22, 24, 27, 30			3.8	1 / 6
345203E11MR		34522-3EG	30~250 ft.lb.	34503204R	1/2" DR				4	1 / 6

Classic Type Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789 & ASME B107.300-2010
Tolerance of torque ±4%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm





Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range Nm	Incr.	ft. lb.	Incr.	in. lb.	Incr.	gm / kg.m	Incr.	Overall length mm	g	
3426E-1HG	1/4"	2.5~11 Nm	0.5	2~8 ft.lb.	1	20~100 in.lb.	10	300~1200gm	100	352	630	1 / 12
3436E-1HG	3/8"	2.5~11 Nm	0.5	2~8 ft.lb.	1	20~100 in.lb.	10	300~1200gm	100	352	740	1 / 12
3436E-2HG	3/8"	5~33 Nm	1	4~24 ft.lb.	1	40~300 in.lb.	10	0.5~3.4 kgf.m	0.1	450	870	1 / 12
3436E-3HG	3/8"	12~68 Nm	2	10~50 ft.lb.	5	100~600 in.lb.	25	1.2~7 kgf.m	0.2	505	1210	1 / 12
3446E-1HG	1/2"	25~135 Nm	5	20~100 ft.lb.	2	200~1200 in.lb.	50	3~14 kgf.m	1	555	1640	1 / 12
3446E-2HG	1/2"	50~225 Nm	5	40~160 ft.lb.	5	400~2000 in.lb.	50	5~23 kgf.m	1	590	1710	1 / 12
3446E-3HG	1/2"	70~330 Nm	10	50~250 ft.lb.	5	600~3000 in.lb.	100	7~35 kgf.m	1	803	3440	1 / 6
3466E-1HG	3/4"	140~560 Nm	10	100~410 ft.lb.	10	1200~5000 in.lb.	100	14~57 kgf.m	1	977	8480	1 / 2
3466E-2HG	3/4"	200~800 Nm	20	150~600 ft.lb.	20	1800~7200 in.lb.	200	22~82 kgf.m	2	1033	8860	1 / 2

Click Type Adjustable Torque Wrench

Industrial application with durability
Loud click sound and strong impulse when required torque is reached
Tolerance of torque ±3%
Quality meets DIN ISO 6789 & ASME B107.300-2010
Ideal for using on oily, chemical and noisy assembling working field



	KT NO.	Gear teeth	Square drive	Torque range kgf.cm	Incr.	Overall length mm	g	
new	3432F-1KF	24	3/8"	50-250 kgf.cm	2.5	240	450	1 / 24
new	3432F-3KF	24	3/8"	200-1000 kgf.cm	10	342	800	1 / 12
new	3442F-1KF	24	1/2"	200-1000 kgf.cm	10	342	800	1 / 12
	3442F-3KF	24	1/2"	400-2000 kgf.cm	20	498	1500	1 / 12

Adjustable Torque Wrench

Design for easy torque adjustment
Quality accords to DIN ISO 6789 & ASME B107.300-2010
Tolerance of torque ±4%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



- The production of injection molding helps it against come off

- One hand operation
- Quick torque set
- Automatic torque locking



34464-1DK

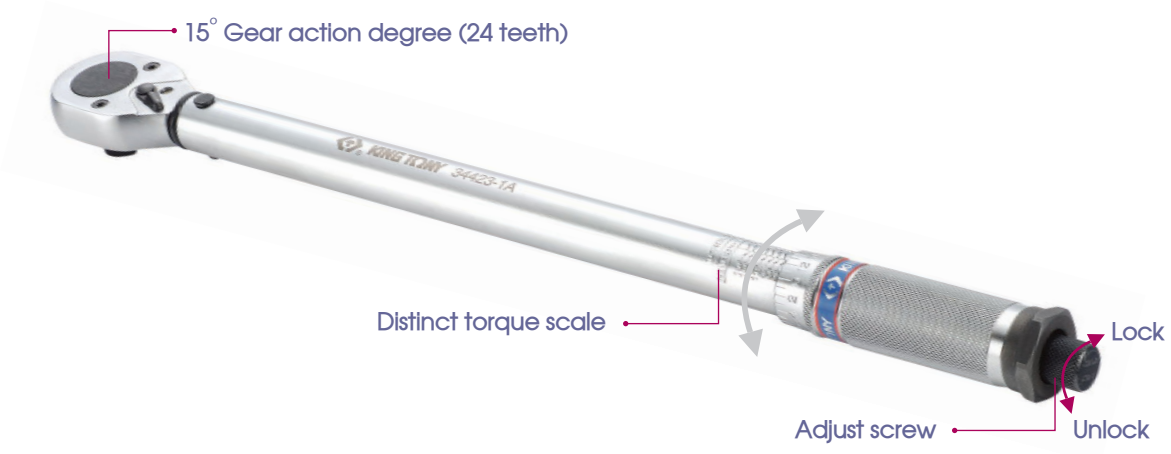
Dual Scale - Newton Meter & English (Nm / ft.lb.)

KT NO.	Gear teeth	Square drive	Torque range Nm / ft.lb.	Incr.	Overall length mm	g	
34464-1FG	24	1/2"	40-210 Nm (31-154.9 ft.lb.)	1.0	470	1250	1 / 12
34464-2FG	24	1/2"	50-350 Nm (36.9-258 ft.lb.)	3.0	590	1590	1 / 12

Adjustable Torque Wrench

Quality accords to DIN ISO 6789 & ASME B107.300-2010
Tolerance of torque ±4%(CW)
CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Dual Scale - Newton Meter & Kilogram-force Centimeter / Kilogram-force meter (Nm & kgf.cm / kgf.m)

KT NO.	Square drive	Torque range Nm	Incr.	Torque range kgf.cm / kgf.m	Incr.	Overall length mm	g	
34223-1A	1/4"	5~25 Nm	0.1 Nm	51~255 kgf.cm	1 kgf.cm	280	595	1 / 12
34323-1A	3/8"	5~25 Nm	0.1 Nm	51~255 kgf.cm	1 kgf.cm	280	595	1 / 12
34323-2A	3/8"	20~110 Nm	1 Nm	2.04~11.22 kgf.m	0.1 kgf.m	370	820	1 / 12
34423-1A	1/2"	42~210 Nm	1 Nm	4.3~21.4 kgf.m	0.41 kgf.m	450	1340	1 / 12
34423-2A	1/2"	50~350 Nm	3 Nm	5.1~35.7 kgf.m	0.27 kgf.m	570	2400	1 / 12

Dual Scale - English & Kilogram-force Centimeter / Kilogram-force meter (in.lb. / ft.lb. & kgf.cm / kgf.m)

KT NO.	Square drive	Torque range in. lb. / ft. lb.	Incr.	Torque range kgf.cm / kgf.m	Incr.	Overall length mm	g	
34223-1B	1/4"	25~250 in. lb.	1.5 in.lb.	29~288 kgf.cm	1.13 kgf.cm	280	595	1 / 12
34323-1B	3/8"	25~250 in. lb.	1.5 in.lb.	29~288 kgf.cm	1.13 kgf.cm	280	595	1 / 12
34323-2B	3/8"	5~80 ft. lb.	0.5 ft.lb.	0.7~11.10 kgf.m	0.07 kgf.m	370	820	1 / 12
34423-1B	1/2"	10~150 ft. lb.	1 ft.lb.	1.4~20.7 kgf.m	0.14 kgf.m	450	1340	1 / 12
34423-2B	1/2"	30~250 ft. lb.	2 ft.lb.	4.2~34.6 kgf.m	0.27 kgf.m	570	2400	1 / 12

Dual Scale - English & Kilogram-force Centimeter / Kilogram-force meter (in.lb. / ft.lb. & kgf.cm / kgf.m)

KT NO.	Square drive	Torque range in. lb. / ft. lb.	Incr.	Torque range kgf.cm / kgf.m	Incr.	Overall length mm	g	
34223-1C	1/4"	25~250 in.lb.	1 in.lb.	2.8~28.2 Nm	0.17 Nm	280	595	1 / 12
34323-1C	3/8"	25~250 in.lb.	1 in.lb.	2.8~28.2 Nm	0.17 Nm	280	595	1 / 12
34323-2C	3/8"	5~80 ft.lb.	0.5 ft.lb.	6.8~108.5 Nm	0.68 Nm	370	820	1 / 12
34423-1C	1/2"	10~150 ft.lb.	1 ft.lb.	13.6~203.4 Nm	1.35 Nm	450	1658	1 / 12
34423-2C	1/2"	30~250 ft.lb.	2 ft.lb.	40.7~339 Nm	2.71 Nm	570	2400	1 / 12


● 34223-1DK1


● 34323-1DK1
● 34323-2DK1


● 34423-1DK1(24T)
-series NO. before 090923xxxx

For 34423-2ABC
● 34423-2DK01(45T)
-series NO. after 090923xxxx

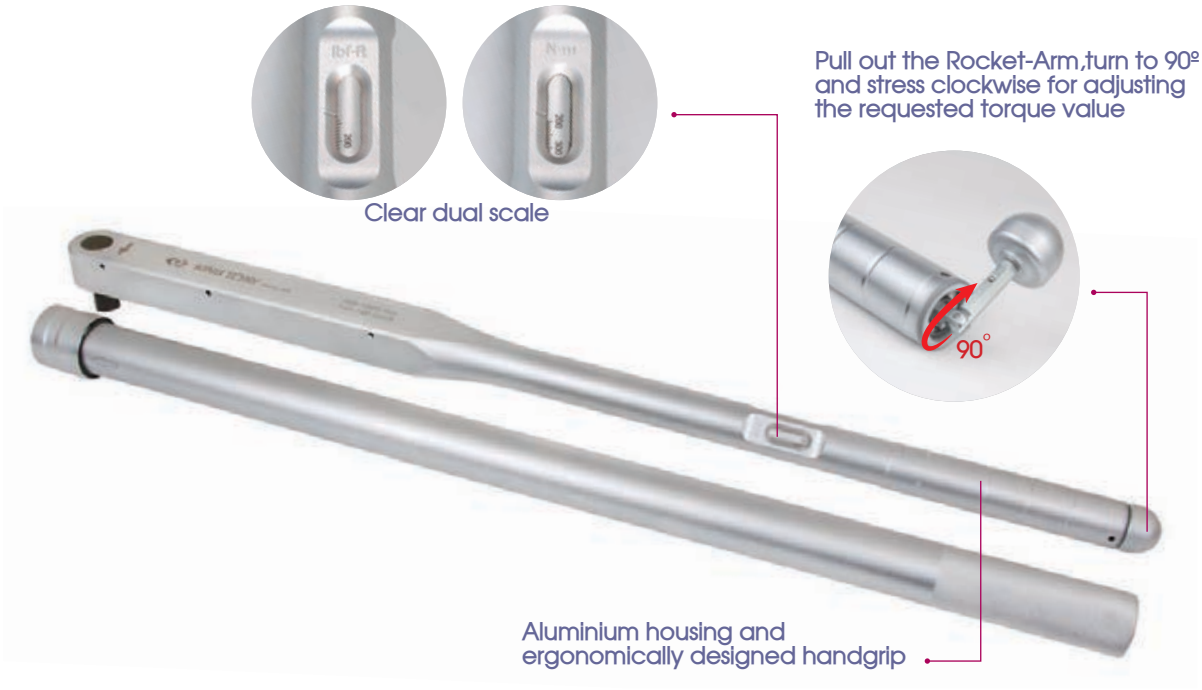

● 34423-3DK(24T)
-series NO. after 1309230001

CAUTION

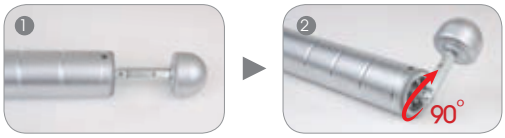
1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

Heavy Duty Aluminum Adjustable Torque Wrench

Industrial application
Lightweight and robust;housing made by aluminium alloy
Multi-lever mechanism brings length independence and accurate torque
Loud click sound and string impulse when torque value reached
Easy lock and adjustment design
Tolerance of torque ±3%
Quality accords to DIN ISO 6789 & ASMEB 107.300-2010



Step:



Dual Scale - English & Newton Meter (ft. lb. & Nm)

KT NO.	Square drive	Torque range				Overall length		
		Nm	Incr.	ft.lb.	Incr.	mm	g	
3445G-1FB	1/2"	40~200 Nm	5	30~150 ft.lb.	5	555	1500	1 / 12
3465G-1FB	3/4"	110~550 Nm	10	80~400 ft.lb.	10	820	3000	1 / 2
3465G-2FB	3/4"	140~760 Nm	10	100~560 ft.lb.	10	820	3000	1 / 2
3465G-3FB	3/4"	200~1000 Nm	10	140~740 ft.lb.	10	820	3000	1 / 2
3485G-1DB	1"	600~1500 Nm	25	-	-	1615	10900	1 / 1
3485G-2DB	1"	750~2000 Nm	50	-	-	2370	11700	1 / 1

Electronic Torque Wrench

Electronic torque value readout
Peak hold and track mode selection
Angle accuracy (34387/34487)
Buzzer and LED indicator for presetting target torque
Engineering units (Nm, ft.lb, in.lb, kgf.m) adjustment
Switch off automatically after 80 seconds
DIN ISO 6789 & ASME B107.300-2010
CW ±2% and CCW ±3% operation



1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Display :
LCD display (±2 Digit) with measuring ranges that can be selected for Nm, ft.lb, in.lb, kg.m



Battery Cap :
- AAAx3
- battery life 110 hrs

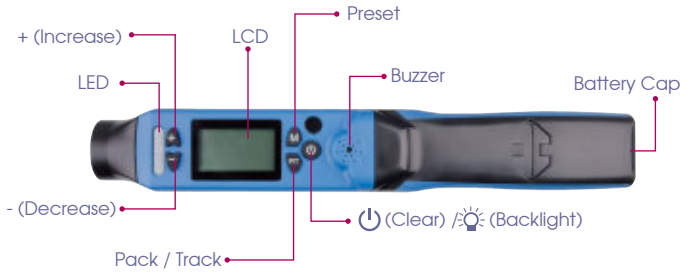
Signal :
3-way signal when the maximum torque value is reached, as a result the wrench can be used in noisy places.

LED warning light

Backlight

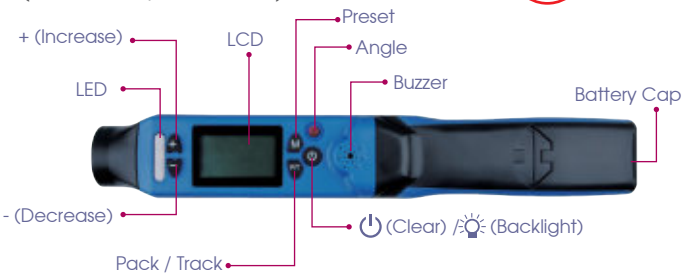


• Electronic Torque Wrench (34367-2AG, 34467-1AG)



Torque Accuracy	CW ± 2% / CCW ± 3%
Preset function	10
Display Resolution	0.1 Nm/ ft.lb. ,0.01 kgf.m, 1.0 lb.in
Operation Mode	Peak/Track
Unit Selection	kg.m, lb.in, lb.ft, Nm
Gear Teeth	36
Battery	AAA x 3 PC.
Battery Life	110 hrs (continuous operation)
Operating Ambient Temperature	-10°C- 60°C (13.9°F-139.9°F)
Storage Temperature	-20°C-70°C (-4°F-157.9°F)
Operating Relative Humidity	15 to 90% noncondensing
Switch off Automatically	150 seconds (if do not use torque wrench)
Angle Accuracy	(±1% of reading)+(±1%@angular velocity >10°/sec < 180°/sec)+ (±1% of Text Texture)
Angle	0°~360° (34387-2AG,34487-1AG)

• Electronic Torque Angle-controlled Wrench (34387-2AG, 34487-1AG)



Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range Nm	ft.lb.	in. lb.	kg.m	Overall length mm	g	
34367-2AG	3/8"	27-135 Nm	19.9-99.6 ft.lb.	239~1195 in.lb.	2.75~13.76 kgf.m	460	1400	1 / 6
34467-1AG	1/2"	40-200 Nm	29.5-147.5 ft.lb.	354~1770 in.lb.	4.08~20.38 kgf.m	530	1500	1 / 6
34387-2AG	3/8"	27-135 Nm	19.9-99.6 ft.lb.	239~1195 in.lb.	2.75~13.76 kgf.m	460	1400	1 / 6
34487-1AG	1/2"	40-200 Nm	29.5-147.5 ft.lb.	354~1770 in.lb.	4.08~20.38 kgf.m	530	1500	1 / 6

CAUTION

1. Do not press "M" and " ⏻ " button together otherwise system will enter in calibration mode.
2. Switch off the power after use.

Electronic Torque Adapter

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

34207-1A 34307-1A 34407-1A

▪ Specifications:

Accuracy	± 2%
Memory	50
Display Resolution	0.1 Nm /ft.lb. ,0.01 kgf.m
Operation Mode	Peak/Trace
Unit Selection	kgf.m , ft.lb. , Nm
Battery	AAA x 2 PC.
Battery Life	110hrs (continuous operation)
Operating Ambient Temperature	-10°C - 60°C (13.9°F - 139.9°F)
Storage Temperature	-20°C - 70°C (-4°F - 157.9°F)
Operating Relative Humidity	15 to 90% noncondensing
Switch off Automatically	70 seconds (if do not use electronic torque adapter.)
LED indicator	Green. Yellow. Red
Overload Alarm	34207-1A: 37.5 Nm (27.6 ft.lb.) 34307-1A: 168.8 Nm(124.5 ft.lb.) 34407-1A: 250 Nm (184.4 ft.lb.)





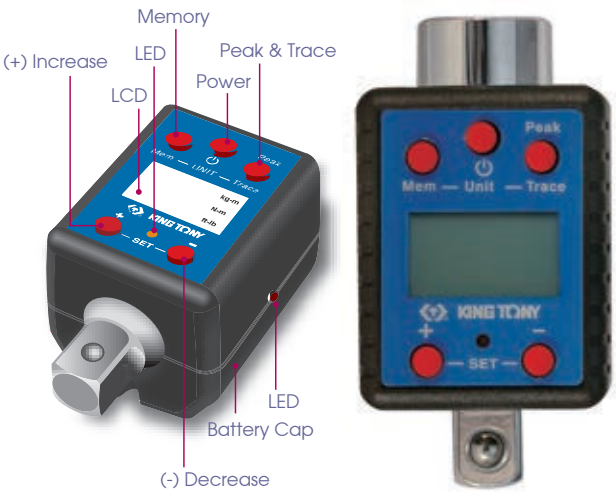
Dual Scale - English & Newton Meter (ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range Nm	ft.lb.	kgf.m	Size mm		
34207-1A	1/4"	6~30 Nm	4.4~22.1 ft.lb.	0.61~3.06 kgf.m	L75 x W45 x H40	124	12 / 48
34307-1A	3/8"	27~135 Nm	19.9~99.6 ft.lb.	2.75~13.76 kgf.m	L75 x W45 x H40	198	12 / 48
34407-1A	1/2"	40~200 Nm	29.5~147.5 ft.lb.	4.08~20.38 kgf.m	L75 x W45 x H40	198.5	12 / 48

34607-1A

▪ Specifications:

Accuracy	± 2%
Memory	50
Display Resolution	0.1 Nm / ft.lb. , 0.01 kgf.m
Operation Mode	Peak/Trace
Unit Selection	kgf.m , ft.lb. , Nm
Battery	AA x 2 PC.
Battery Life	110hrs (continuous operation)
Operating Ambient Temperature	-10°C - 60°C (13.9°F - 139.9°F)
Storage Temperature	-20°C - 70°C (-4°F - 157.9°F)
Operating Relative Humidity	15 to 90% noncondensing
Switch off Automatically	70 seconds (if do not use electronic torque adapter.)
LED indicator	Green. Yellow. Red
Overload Alarm	1250 Nm (886 ft.lb.)



Dual Scale - English & Newton Meter (ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range Nm	ft.lb.	kgf.m	Size mm		
34607-1A	3/4"	200 ~1000 Nm	147.6~738 ft.lb.	20.4~102 kgf.m	L110 x W56 x H60	585	6 / 24

CAUTION

1. Do not press "M" and " ⏻ " button together otherwise system will enter in calibration mode.
2. Switch off the power after use.

Torque Screwdriver

34111 34211

- Suitable for 1/4" Hex insert bit; 1/4" socket
- Automatic adjustment knob design
- Easy-to-read laser scale
- Ergonomic comfort rubber grip
- Tolerance of torque ±5% quality meets DIN ISO 6789 & ASME B107.300-2010

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Tolerance of torque within ±5% quality meets DIN ISO 6789 & ASME B107.14M-2004



Aluminum alloy



KT NO.	1/4"DR.	Torque range cNm / Nm / in-lb	Incr.	Overall length mm	g	
34111-1DG	○	10~120 cNm	1 cNm	180	207	1 / 24
34111-1EG	○	3~15 in-lb	0.1 in-lb	180	207	1 / 24
34111-2DG	○	1~6 Nm	0.1 Nm	196	475	1 / 24
34111-2EG	○	10~50 in-lb	0.5 in-lb	196	475	1 / 24
34211-3DG	■	4~9 Nm	0.1 Nm	196	475	1 / 24

Torque Angle Gauge

34440 34440A new 34660 34660A new

- Square Drive :
  34440 (1/2" x 1/2")
  34660 (3/4" x 3/4")
- 360° angle scale- clearly marked in 2° increments, and in intervals of 10° and 30°
- Indicator etched on clear plastic plate, protects angle scale from dirt and grease
- Adjustable arm keeps angle scale stationary
- Arm has two lengths for additional flexibility in placement against components
- Tough composite dial and rotating index allowing operator to accurately tighten meeting to standard





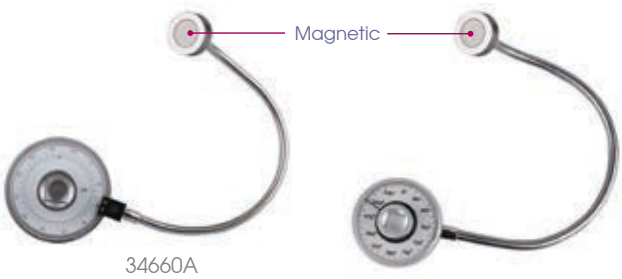
KT NO.	Spec.	g	
34440	1/2"Fx1/2"M	190	1 / 20
new 34440A	1/2"Fx1/2"M	375	6 / 24
34660	3/4"Fx3/4"M	623	1 / 10
new 34660A	3/4"Fx3/4"M	908	6 / 12



• Step 1: Set up the torque value by torque wrench



• Step 2: Adjust the angle by angle gauge



Torque Multiplier

CAUTION

Don't use pneumatic tool together with the multiplier.

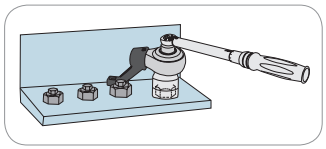
34486 34488 34688

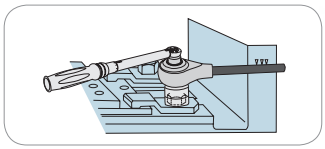
- Torque multiplication with 5:1, accuracy guaranteed better than ±5%
- Reaction bar supplied in two styles for maximum versatility
- Ideal construction offers minimal maintenance and extended life
- Portable package brings convenience for use in different working places

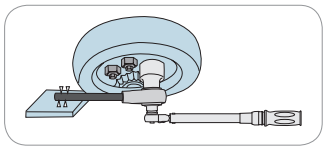
1 Nm = 0.738 ft.lb. = 0.102 kgf.m
1 ft.lb. = 1.356 Nm = 0.138 kgf.m
1 in.lb. = 0.113 Nm = 1.152 kgf.cm

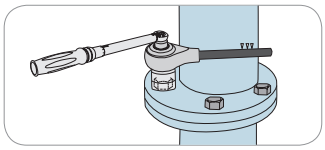






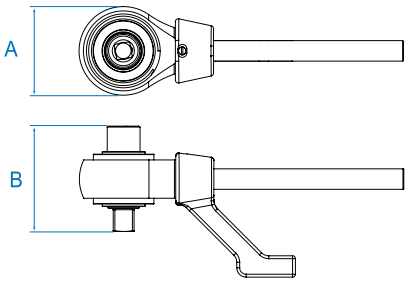












Contents

34486-05A 34488-05A 34688-05A	Multiplier head	1 PC.
34688-P01	Reaction bar	1 PC.
34688-P02	Reaction bar	1 PC.

KT NO.	Ratio	Input square	Output square	Max input torque Nm / Ft.lb	Max output torque Nm / Ft.lb	A mm	B mm	kg	
34486	5:1	1/2"	3/4"	300 / 220	1500 / 1100	108	116.3	7	1 / 2
34488	5:1	1/2"	1"	400 / 290	2000 / 1450	108	120.3	7.4	1 / 2
34688	5:1	3/4"	1"	540 / 400	2700 / 2000	108	129	7.4	1 / 2



Torque Multiplier

CAUTION

Don't use pneumatic tool together with the multiplier.

34488-26

- Torque multiplication with 26:1, accuracy guaranteed better than ±5%
- Reaction bar supplied in two styles for maximum versatility
- High ratios offers an idea to replace long lever arm and heavy wrench
- Ideal construction offers minimal maintenance and extended life
- Portable package brings convenience for use in different working places
- Anti-backlash device







34488-26DK

Contents



Multiplier head 1 PC.



Reaction bar 2 PC.









KT NO.	Ratio	Input square	Output square	Max input torque Nm / Ft.lb	Max output torque Nm / Ft.lb	kg	
34488-26	26:1	1/2"	1"	175 / 130	4500 / 3300	15.7	1 / 1



Universal Torque Convertor Set

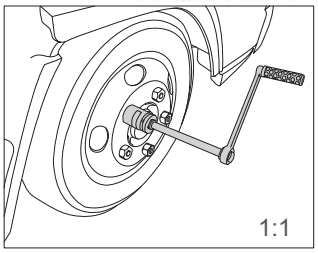
3488A03MP

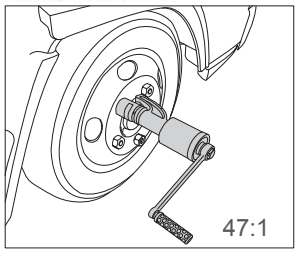
- It is a newly designed wheel wrench for truck tires or car tires by using less labor to reach a sufficient output torque
- Suitable for trucks, buses, and other heavy duty vehicles



Contents

	Power Enhanced Device 1 PC.
	Prolonged Pole 1 PC.
	Handle 1 PC.
 8835M	32, 33





KT NO.	Ratio	Input square	Output square	Max input torque Nm / Ft.lb	kg	
3488A03MP	47:1	1"	1"	4700 / 3466	9.3	3



Torque Tester

ZV011

▪ **Specifications:** 7.7 1 / 1

Calibration range	2~60 Nm
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-m, Kg-cm, N-m, N-cm
Input Hex A/F (mm)	10mm
Square Drive Adaptor (inch)	1/4", 3/8", 1/2"
Operating Temperature Range	+5°C~ +40°C
Storage Temperature Range	+0°C~ +70°C
Power Input	100-240V DC9.0V⎓1.66A, 15W MAX
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm


233510M


333510M


433510MR



ZV011A		Europe
ZV011B		America & Asia
ZV011D		Australia & New Zealand

ZV012

▪ **Specifications:** 8.1 1 / 1

Calibration range	8~400 Nm
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-m, Kg-cm, N-m, N-cm
Input Hex A/F (mm)	22mm
Square Drive Adaptor (inch)	3/8", 1/2", 3/4"
Operating Temperature Range	+5°C~ +40°C
Storage Temperature Range	+0°C~ +70°C
Power Input	100-240V DC9.0V⎓1.66A, 15W MAX
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm


333522M


433522MR


633522M



ZV012A		Europe
ZV012B		America & Asia
ZV012D		Australia & New Zealand

ZV013

▪ **Specifications:** 8.9 1 / 1

Calibration range	100~1500 Nm
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-m, Kg-cm, N-m
Input Hex A/F (mm)	36mm
Square Drive Adaptor (inch)	3/4"
Operating Temperature Range	+5°C~ +40°C
Storage Temperature Range	+0°C~ +70°C
Power Input	100-240V DC9.0V⎓1.66A, 15W MAX
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm


633536M



ZV013A		Europe
ZV013B		America & Asia
ZV013D		Australia & New Zealand



WRENCHES

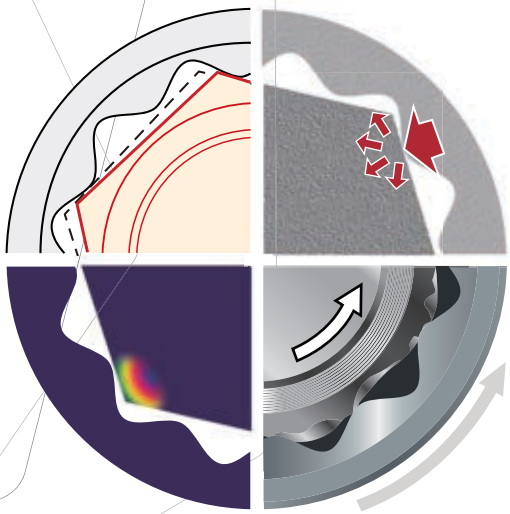
- Combination Wrench
- Open End Wrench
- Offset Ring Wrench
- Half Moon Ring Wrench
- Crowfoot Wrench
- Star Box End Wrench
- Flare Nut Wrench
- Flexible Head Socket Wrench
- Slogging Wrench
- Heavy Duty Wrench
- End Tubular Wrench
- Speed Wrench
- Angled Socket Wrench
- Adjustable Wrench
- Hook Spanner Wrench
- Chain & Strap Wrench
- Wheel Nut Wrench
- T-Type Socket Wrench
- T-shaped Driver


Ultra-light
Trousse de
Werkzeugse
Jogo de cha
Juego de lla
14 PIEC
NO.12A4MRN
KING TONY
3731
24
22
15
KING TONY

KING TONY UNIT DRIVE Profile

1. A large contact surface provides a secure force closure even for bolts whose sizes are out of the tolerances.
2. Radiate distribution of the force on the bolt flanks, reducing notch effect, which prevents the bolt from being rounded.
3. Gentle torque transfer enables worn bolts to be loosened.
4. Optimally distributed force up to 20 % higher torques can be transferred.

The KING TONY UNIT DRIVE prevents the bolts form being damaged by using of a wave form without any tipped or sharp edges.
Enlarged, round contact surfaces ensure that torque is reliably transferred - acting radiately, as it does, on the bolt.
Minimising notch effect prevents any damage to the bolt.



Wrench Made

01 Raw material



02 Hot forge



03 Barreling



04 Polishing



05 Punching & Broaching



06 Marking



07 Heat treatment



08 Vibrating



09 Sand blast



10 Plating









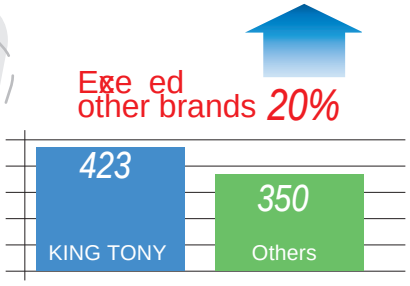
King Tony



Other brand

Advanced structure saves time

There are more and more improved tool structure comes out every year. King Tony selects useful idea and engineering function on developing new product within quality and economic concern. Every piece of component is designed for the comfort to users.



KING TONY speed wrench is 20% stronger than others.

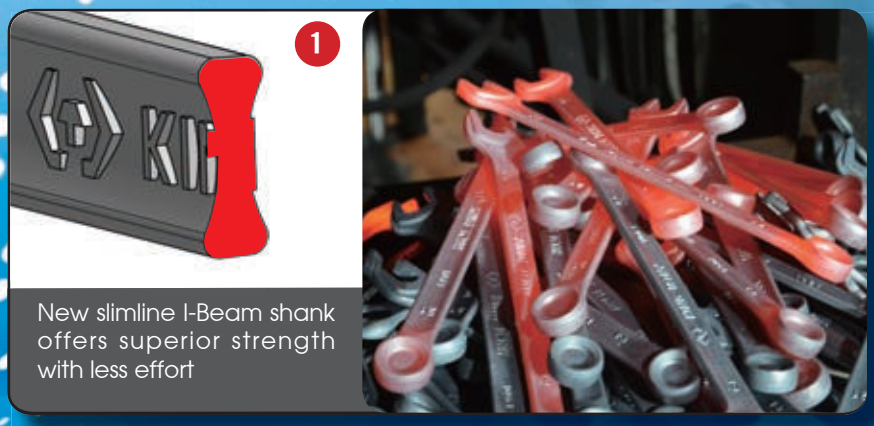
Ultra-Light Long Combination Wrench

1061

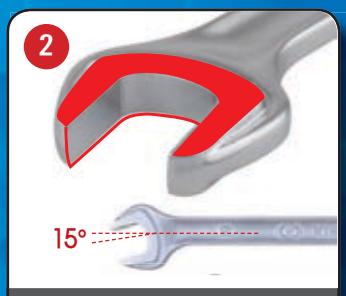
PAT.

- New forge technologies I-Beam shank offers 20% lightweight and better strength
- 15° open end reinforcement design in slim profile
- 13° ring end high relief zone design with thin wall access ability
- Long shank for high leverage & helps operators' hands from hot spots
- Chrome vanadium alloy steel
- Metric size-DIN3113, ISO7738

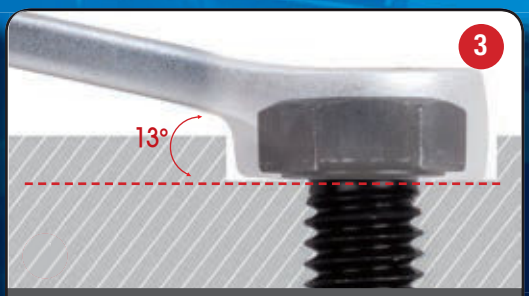




New slimline I-Beam shank offers superior strength with less effort



More powerful open end with big thumb point delivers more torque



13 degree offset ring provides better accessibility



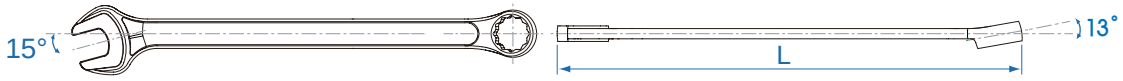
Ultra-Light Long Combination Wrench & Set

KT No. & D1

1061

- 15° open slimline type
- 13° ring end offset from shaft
- Chrome vanadium alloy steel
- Chrome plated
- DIN3113 / ISO7738









KT NO.	Size mm	L mm	g	
1061-06	6	128	20	12 / 768
1061-07	7	128	20	12 / 576
1061-08	8	148	28	12 / 576
1061-09	9	148	28	12 / 384
1061-10	10	167	45	12 / 384
1061-11	11	186	55	12 / 240
1061-12	12	196	65	12 / 192
1061-13	13	205	80	12 / 192
1061-14	14	223	97	12 / 120
1061-15	15	233	120	12 / 144
1061-16	16	243	135	12 / 144
1061-17	17	262	165	12 / 96
1061-18	18	272	190	12 / 96

KT NO.	Size mm	L mm	g	
1061-19	19	281	210	12 / 96
1061-20	20	301	260	8 / 48
1061-21	21	301	260	8 / 48
1061-22	22	319	305	8 / 48
1061-23	23	319	305	8 / 48
1061-24	24	338	380	5 / 40
1061-25	25	358	443	5 / 40
1061-26	26	358	437	5 / 40
1061-27	27	383	523	5 / 40
1061-28	28	383	507	5 / 40
1061-29	29	408	621	5 / 20
1061-30	30	408	630	5 / 20
1061-32	32	433	778	5 / 20



▶ Pouch material : Tetoron

KT NO.	PC.		Contents	Kg	
12C7MRN	7		8, 10, 11, 13, 14, 17, 19	0.77	1 / 24
new 12C8MRN	8		6, 7, 8, 9, 10, 11, 12, 13	0.77	1 / 24
12A0MRN	10		10, 11, 12, 13, 14, 15, 16, 17, 18, 19	1.8	1 / 12
12A1MRN	11	1061	8, 10, 12, 13, 14, 16, 17, 18, 19, 22, 24	1.99	1 / 12
12A3MRN	13		8, 10, 11, 12, 13, 14, 15, 16 ,17, 18, 19, 22, 24	2.16	1 / 12
12A4MRN	14		8, 10, 11, 12, 13, 14, 15, 16 ,17, 18, 19, 21, 22, 24	2.44	1 / 8
12B4MRN	24		6, 8, 10, 11, 12, 13, 14, 15, 16 ,17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	7	1 / 2

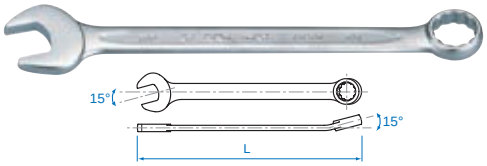
Combination Wrench



KT No. & D1

1060 5060

- European slimline type
- 15° open end angle
- 15° ring end offset from shaft
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN3113, ISO7738
- Inch size-ANSI/ASME B107.6

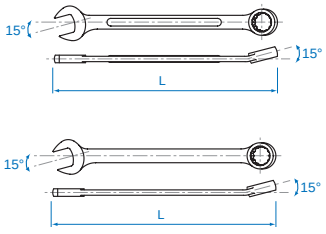


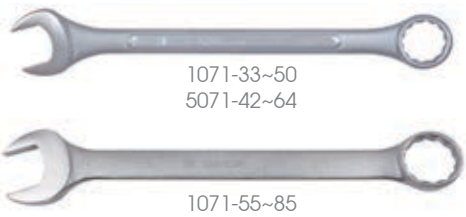
KT NO.	Size mm	L mm	g	
1060-55	5.5	105	16	12 / 504
1060-06	6.0	105	18	12 / 504
1060-07	7.0	115	20	12 / 504
1060-08	8.0	125	25	12 / 504
1060-09	9.0	135	34	12 / 504
1060-10	10.0	145	39	12 / 504
1060-11	11.0	155	46	12 / 504
1060-12	12.0	165	56	12 / 216
1060-13	13.0	175	69	12 / 216
1060-14	14.0	185	80	12 / 216
1060-15	15.0	195	93	12 / 192
1060-16	16.0	205	111	12 / 192
1060-17	17.0	215	119	12 / 192
1060-18	18.0	225	138	12 / 144
1060-19	19.0	235	158	12 / 144
1060-20	20.0	245	182	12 / 144
1060-21	21.0	255	203	12 / 96
1060-22	22.0	265	225	12 / 96
1060-23	23.0	275	251	12 / 96
1060-24	24.0	285	287	6 / 54
1060-25	25.0	295	326	6 / 54
1060-26	26.0	305	344	6 / 54
1060-27	27.0	315	371	6 / 54
1060-28	28.0	325	387	6 / 48
1060-29	29.0	335	456	6 / 48
1060-30	30.0	345	514	6 / 48
1060-32	32.0	365	557	6 / 48

KT NO.	Size inch	L mm	g	
5060-08	1/4	105	18	12 / 504
5060-10	5/16	125	25	12 / 504
5060-12	3/8	145	39	12 / 504
5060-14	7/16	155	46	12 / 504
5060-16	1/2	175	69	12 / 216
5060-18	9/16	185	80	12 / 216
5060-20	5/8	205	111	12 / 192
5060-22	11/16	215	119	12 / 192
5060-24	3/4	235	158	12 / 144
5060-26	13/16	255	203	12 / 96
5060-28	7/8	265	220	12 / 96
5060-30	15/16	285	287	6 / 54
5060-32	1	295	326	6 / 54
5060-34	1-1/16	315	371	6 / 54
5060-36	1-1/8	335	456	6 / 48
5060-40	1-1/4	365	557	6 / 48

1071 5071

- Jumbo type
- 15° open end angle
- 15° ring end offset from shaft
- High quality steel
- Polished, chrome plated
- Metric size-DIN3113, ISO7738
- Inch size-ANSI/ASME B107.6



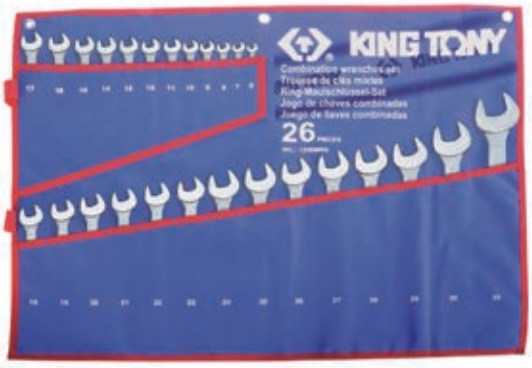


KT NO.	Size mm	L mm	g	
1071-33	33	410	765	5 / 20
1071-34	34	410	745	5 / 20
1071-35	35	425	960	5 / 20
1071-36	36	425	960	5 / 20
1071-38	38	455	1155	5 / 20
1071-41	41	495	1402	5 / 15
1071-42	42	495	1394	5 / 15
1071-44	44	495	1479	5 / 15
1071-46	46	495	1515	5 / 15
1071-48	48	563	2550	5 / 10
1071-50	50	563	2550	5 / 10

KT NO.	Size mm	L mm	g	
1071-55	55	616	2520	5
1071-60	60	657	3000	5
1071-65	65	678	3300	5
1071-70	70	715	5760	2
1071-75	75	715	5770	2
1071-80	80	745	7700	2
1071-85	85	745	7700	2

KT NO.	Size inch	L mm	g	
5071-42	1-5/16	410	760	5 / 20
5071-44	1-3/8	425	970	5 / 20
5071-46	1-7/16	425	950	5 / 20
5071-48	1-1/2	455	1150	5 / 20
5071-50	1-9/16	495	1546	5 / 15
5071-52	1-5/8	495	1402	5 / 15
5071-54	1-11/16	495	1432	5 / 15
5071-56	1-3/4	495	1419	5 / 15
5071-58	1-13/16	495	1478	5 / 15
5071-60	1-7/8	563	2540	5 / 10
5071-62	1-15/16	563	2550	5 / 10
5071-64	2	563	2540	5 / 10

Combination Wrench Set



► MRN / SRN : Tetoron pouch bag



► MR / SR : Nylon pouch bag



KT NO.	PC.		Contents	Package	Kg	
1207MR	7		10, 11, 12, 13, 14, 17, 19	Nylon	0.60	1 / 30
1208MR	8		10, 11, 12, 13, 14, 17, 19, 22	Nylon	0.65	1 / 24
1210MR	10		8, 10, 12, 13, 14, 17, 19, 21, 22, 24	Nylon	1.38	1 / 16
1211MR	11		8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24	Nylon	1.4	1 / 16
1212MR	12		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	Nylon	1.03	1/ 16
1214MR	14		10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30, 32	Nylon	2.70	1 / 8
1214MR01	14		10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	Nylon	2.70	1 / 8
1215MR	14		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	Nylon	1.63	1 / 12
1215MR01	14	1060	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	Nylon	1.63	1 / 12
1215MR02	15		6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	Nylon	2.92	1 / 8
1211MRN	11		8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24	Tetoron	1.4	1 / 16
1214MRN01	14		10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	Tetoron	2.70	1 / 8
1214MRN05	14		6, 7 ,8 ,9 ,10 ,11 ,12 ,13 ,14 ,15, 16, 17, 18, 19	Tetoron	1.24	1 / 12
1215MRN01	14		8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	Tetoron	1.63	1 / 12
1215MRN02	15		6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	Tetoron	2.92	1 / 8
1218MR01	18		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	Nylon	2.50	1 / 9
1218MRN	18			Tetoron	2.50	1 / 9
1226MR	26		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	Nylon	2.93	1 / 6
1226MRN	26			Tetoron	2.93	1 / 6
1207SR	7		3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	Nylon	0.60	1 / 30
1211SR	11		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 15/16	Nylon	1.4	1 / 16
1211SR01	11		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 1	Nylon	1.4	1 / 16
1211SR02	11		3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	Nylon	1.4	1 / 16
1214SR	14	5060	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-1/4	Nylon	2.70	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	Nylon	3.23	1 / 8
1216SR	16		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	Nylon	3.44	1 / 8
1213SRN	13		1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	Tetoron	1.96	1 / 10
1214SRN01	14		3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	Tetoron	3.54	1 / 8
1296MRN	6	1071	34, 36, 38, 41, 46, 50	Tetoron	8.87	1 / 2
new 1224CRN	24	1060	7, 8, 10, 11, 12, 13, 14, 15, 16, 17 19, 22	Tetoron	2.93	1 / 6
		5060	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16			

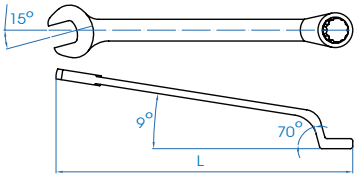
Offset Combination Wrench

KT No. & D1



1067

- Chrome vanadium alloy steel
- Offset ring ideal for deep-seated nuts or bolts
- 15° open end angle
- Chrome plated
- DIN3113 / ISO 7738 / ISO 3318





KT NO.	Size mm	L mm	g	pcs/box
1067-06	6	105	18	10 / 640
1067-07	7	115	23	10 / 640
1067-08	8	125	25	10 / 640
1067-09	9	135	36	10 / 480
1067-10	10	145	42	6 / 288
1067-11	11	155	55	12 / 240
1067-12	12	165	61	10 / 200
1067-13	13	175	79	8 / 160
1067-14	14	185	93	10 / 160
1067-15	15	195	110	10 / 160
1067-16	16	205	119	10 / 160
1067-17	17	215	148	8 / 128
1067-18	18	225	158	12 / 144

KT NO.	Size mm	L mm	g	pcs/box
1067-19	19	235	192	10 / 120
1067-20	20	235	256	10 / 80
1067-21	21	265	250	10 / 80
1067-22	22	265	256	10 / 80
1067-23	23	290	316	8 / 64
1067-24	24	290	307	8 / 64
1067-25	25	300	327	10 / 60
1067-26	26	320	423	10 / 40
1067-27	27	320	402	10 / 40
1067-28	28	330	494	10 / 40
1067-29	29	350	402	6 / 48
1067-30	30	350	522	6 / 48
1067-32	32	370	621	4 / 32

Offset Combination Wrench

KT No. & D1



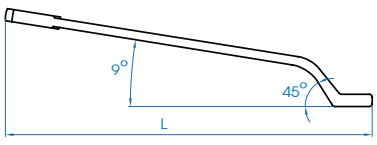
1063

5063

- Chrome vanadium alloy steel
- Offset ring ideal for deep-seated nuts or bolts
- 15° open end angle
- Chrome plated
- Metric size - DIN3113 / ISO 7738 / ISO 3318







KT NO.	Size mm	L mm	g	pcs/box
1063-06	6	110	19	20 / 360
1063-08	8	130	32	20 / 320
1063-10	10	150	46	20 / 320
1063-11	11	160	59	20 / 320
1063-12	12	170	73	20 / 240
1063-13	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
1063-27	27	320	448	6 / 48
1063-30	30	350	552	6 / 48
1063-32	32	370	683	6 / 48

KT NO.	Size inch	L mm	g	pcs/box
5063-14	7/16	160	59	20 / 320
5063-16	1/2	180	78	20 / 240
5063-18	9/16	190	103	15 / 240

Offset Combination Wrench Set



► MRN / SRN : Tetoron pouch bag



► MR / SR : Nylon pouch bag



KT NO.	PC.		Contents	Package		
1271MR	11	1067	6, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22	Nylon	1.16	1 / 15
1271MRN	11			Tetoron		
1272MR	12		6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22	Nylon	1.21	1 / 15
1272MR01	12		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	Nylon	1.38	1 / 9
1275MR	15		6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	Nylon	3.18	1 / 8
1275MRN	15			Tetoron		
1266MR	26		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	Nylon	6.85	1 / 2

Stubby Combination Wrench & Set

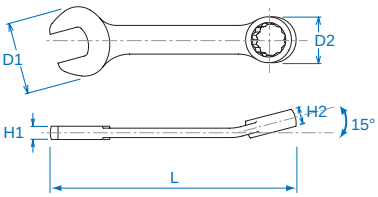


KT No. & D1

• Pouch material : Nylon

10D0

- Short pattern design enables greater access in confined spaces
- Chrome vanadium alloy steel
- Chrome plated
- DIN3113





KT NO.	Size mm	D1	D2	H1	H2	L mm		
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

KT NO.	PC.		Contents		
1282MR	12	10D0	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	1.03	1 / 24



► Pouch material : Nylon

Single Open End Wrench



10F0

- Features: The open end is thicker for very high tightening torques. examples: public work, rail worksite, naval construction, agriculture, oil platforms, metallic construction
- Hanging hole at end of handle: wrenches stored on panel or hung to avoid loss or fall
- Chrome vanadium alloy steel
- Finished with phosphate sunk
- DIN 894



KT NO.	Size mm	L mm	g	
10F0-17P	17	178	107	10 / 120
10F0-19P	19	178	107	10 / 120
10F0-21P	21	203	161	10 / 100
10F0-22P	22	203	161	10 / 100
10F0-23P	23	220	203	8 / 80
10F0-24P	24	220	203	8 / 80
10F0-26P	26	240	290	6 / 60
10F0-27P	27	240	290	6 / 60
10F0-29P	29	267	341	6 / 48
10F0-30P	30	267	335	6 / 48
10F0-32P	32	285	410	5 / 30

KT NO.	Size mm	L mm	g	
10F0-36P	36	317	556	5 / 30
10F0-38P	38	320	740	5 / 30
10F0-41P	41	340	875	4 / 24
10F0-46P	46	395	1060	3 / 12
10F0-50P	50	425	1402	1 / 12
10F0-55P	55	425	1403	1 / 12
10F0-60P	60	470	2544	1 / 6
10F0-65P	65	470	2441	1 / 6
10F0-70P	70	500	3457	1 / 6
10F0-75P	75	500	3333	1 / 6

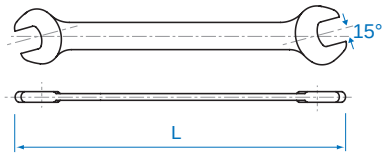
Open End Wrench


KT No. & D1

1900

5900

- European slimline type
- 15° open end angle
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN3110
- Inch size-ANSI / ASME B107.6





KT NO.	Size mm	L mm	g	
19005507	5.5 x 7	123	28	12 / 576
19000607	6 x 7	123	28	12 / 576
19000708	7 x 8	140	36	12 / 576
19000809	8 x 9	140	39	12 / 576
19000810	8 x 10	140	38	12 / 576
19000911	9 x 11	156	55	12 / 288
19001011	10 x 11	156	65	12 / 288
19001012	10 x 12	156	65	12 / 288
19001113	11 x 13	172	78	12 / 288
19001213	12 x 13	172	86	12 / 288
19001214	12 x 14	172	78	12 / 288
19001314	13 x 14	172	78	12 / 288
19001317	13 x 17	195	124	12 / 192
19001415	14 x 15	188.5	114	12 / 192
19001417	14 x 17	195	146	12 / 192
19001617	16 x 17	204	146	12 / 192
19001618	16 x 18	221	165	12 / 144
19001719	17 x 19	221	177	12 / 144
19001819	18 x 19	221	178	12 / 144
19001921	19 x 21	237	210	12 / 144
19001922	19 x 22	237	210	12 / 144
19002022	20 x 22	237	210	12 / 144
19002123	21 x 23	247	258	6 / 72
19002224	22 x 24	247	258	6 / 72
19002326	23 x 26	263	281	6 / 72
19002426	24 x 26	263	281	6 / 72
19002427	24 x 27	263	326	6 / 72

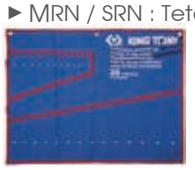
KT NO.	Size mm	L mm	g	
19002430	24 x 30	263	350	6 / 72
19002528	25 x 28	279	373	6 / 48
19002632	26 x 32	298	457	6 / 48
19002729	27 x 29	298	458	6 / 48
19002730	27 x 30	298	481	6 / 48
19002732	27 x 32	298	481	6 / 48
19003032	30 x 32	298	481	6 / 48
19003036	30 x 36	351	683	6 / 36
19003236	32 x 36	351	700	5 / 30
19003436	34 x 36	351	723	5 / 30
19004146	41 x 46	430	1395	4 / 16

KT NO.	Size inch	L mm	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



► MRN / SRN : Tetoron pouch bag



► MR / SR : Nylon pouch bag



KT NO.	PC.		Contents	Package		
1106MR	6	1900	8 x 9, 10 x 12, 12 x 14, 14 x 17, 17 x 19, 21 x 23	Nylon	0.83	1 / 24
1108MR	8		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22	Nylon	0.91	1 / 24
1110MR	10		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 24 x 27, 25 x 28	Nylon	1.67	1 / 16
1112MR	12		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 25 x 28, 30 x 32	Nylon	2.35	1 / 10
1112MRN	12			Tetoron		
1108SR	8	5900	1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8	Nylon	0.91	1 / 24
1110SR	10		1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8, 15/16 x 1-1/16, 1 x 1-1/8	Nylon	1.67	1 / 16
1112SR	12		1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8, 15/16 x 1, 15/16 x 1-1/16, 1 x 1-1/8, 1-1/8 x 1-1/4	Nylon	2.35	1 / 10

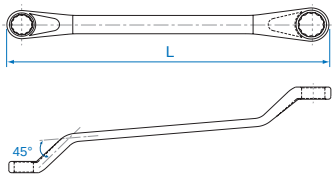
45° Offset Ring Wrench

KT No. & D1



1960

- 45° offset ring
- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN838
- Inch size-ANSI / ASME B107.6



5960



KT NO.	Size mm	L mm		
19600607	6 x 7	165	45	12 / 360
19600809	8 x 9	175	53	12 / 360
19600810	8 x 10	185	53	12 / 360
19601011	10 x 11	195	60	12 / 360
19601012	10 x 12	185	60	12 / 360
19601113	11 x 13	205	62	12 / 240
19601213	12 x 13	205	62	12 / 240
19601214	12 x 14	220	100	12 / 240
19601415	14 x 15	235	151	12 / 144
19601417	14 x 17	235	151	12 / 144
19601617	16 x 17	240	151	12 / 144
19601719	17 x 19	250	221	6 / 72
19601819	18 x 19	250	222	6 / 72

KT NO.	Size mm / inch	L mm		
19601921	19 x 21	270	340	6 / 72
19602022	20 x 22	270	340	6 / 72
19602224	22 x 24	320	479	6 / 48
19602326	23 x 26	360	465	6 / 48
19602427	24 x 27	360	479	6 / 48
19602732	27 x 32	385	580	6 / 36
19603032	30 x 32	392	650	6 / 36
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

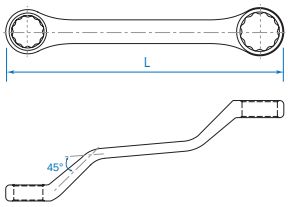
45° Offset Ring Wrench & Set

KT No. & D1



1961

- Mini type
- 45° offset ring
- Thin wall rings
- Chrome vanadium steel
- Chrome plated
- Metric size-DIN838





KT NO.	Size mm	L mm	g	
19610809	8 x 9	112	27.6	12 / 336
19611011	10 x 11	115	42.2	12 / 336
19611213	12 x 13	130	57.6	12 / 240

KT NO.	Size mm	L mm	g	
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



► Pouch material : Nylon

KT NO.	PC.		Contents	Kg	
1606MR	6	1960	10 x 12, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 23 x 26	1.6	1 / 16
1609MR	9		8 x 9, 10 x 12, 11 x 13, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 22 x 24, 23 x 26	1.93	1 / 8
1626MR	6	1961	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19	0.53	1 / 24

75° Offset Ring Wrench & Set

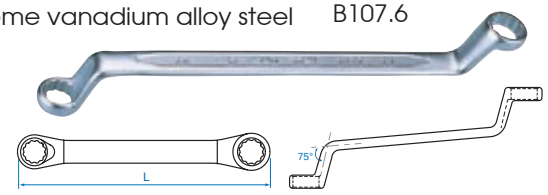
KT No. & D1



1970

5970

- European slimline type
- 75° deep ring offset
- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-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
new 19701922	19 x 22	318	330	6 / 60
19702022	20 x 22	318	330	6 / 60
19702123	21 x 23	326.5	362	6 / 60
19702224	22 x 24	326	362	6 / 60
19702326	23 x 26	344	436	6 / 48
19702426	24 x 26	329	436	6 / 48
19702427	24 x 27	329	436	6 / 48
19702528	25 x 28	347	488	6 / 48
19703032	30 x 32	362	600	6 / 36

KT NO.	Size inch	L mm	g	
59700810	1/4 x 5/16	168	43	12 / 360
59701012	5/16 x 3/8	183	62	12 / 360
59701214	3/8 x 7/16	198	88	12 / 240
59701416	7/16 x 1/2	217	131	12 / 144
59701618	1/2 x 9/16	217	134	12 / 144
59701820	9/16 x 5/8	260	152	12 / 96
59702022	5/8 x 11/16	260	189	6 / 96
59702224	11/16 x 3/4	292	240	6 / 96
59702428	3/4 x 7/8	318	330	6 / 60
59702628	13/16 x 7/8	326.5	330	6 / 60
59703032	15/16 x 1	329	436	6 / 48
59703436	1-1/16 x 1-1/8	347	488	6 / 48
59703640	1-1/8 x 1-1/4	365	679	6 / 48
59703842	1-3/16 x 1-5/16	362	636	5 / 30



► MRN / SRN : Tetoron pouch bag



► MR / SR : Nylon pouch bag



KT NO.	PC.		Contents	Package	Kg	
1706MR	6	1970	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17	Nylon	0.80	1 / 24
1708MR	8		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 21 x 23	Nylon	1.52	1 / 12
1708MR01	8		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22	Nylon	1.52	1 / 12
1710MR	10		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 21 x 23, 24 x 27, 30 x 32	Nylon	2.60	1 / 8
1712MR	12		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 30 x 32	Nylon	3.32	1 / 6
1712MRN	12			Tetoron	3.32	1 / 6
1707SR	7	5970	1/4 x 5/16, 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 3/4 x 7/8, 15/16 x 1, 1-1/16 x 1-1/8	Nylon	2.0	1 / 12

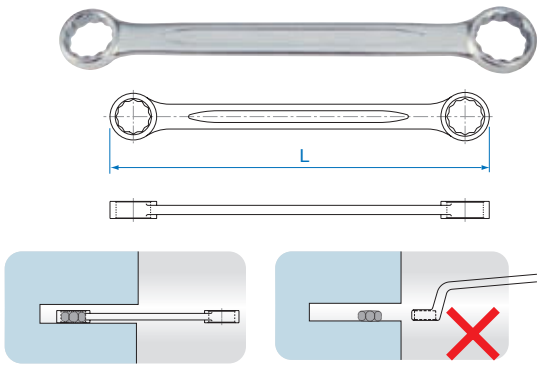
Straight Ring Wrench & Set

KT No. & D1



19C0

- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- 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



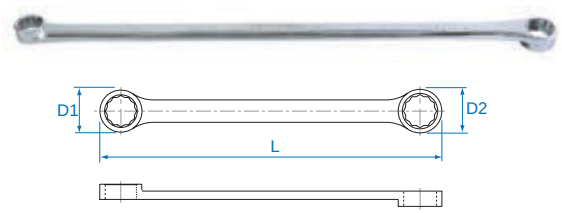
► Pouch material : Nylon

KT NO.	PC.		Contents	Kg	
1C08MR	6	19C0	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22	0.79	1 / 24
1C12MR	8		6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 30 x 32	2.23	1 / 12

0° Offset Ring Wrench

19B0

- Ideal for crowded or confined spaces
- Ultra-compact ring head
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3113







KT NO.	Size mm	D1 mm	D2 mm	L mm	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

0° Offset Ring Wrench Set



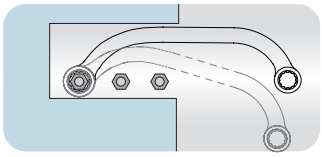
▶ Pouch material : Tetoron

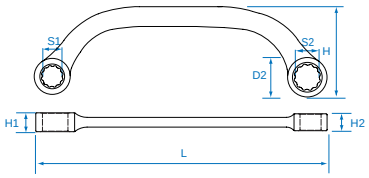
KT NO.	PC.		Contents		
1F06MRN	6	 19B0	10 x 11, 12 x 14, 13 x 15, 16 x 18, 17 x 19, 22 x 24	1.69	1 / 8

Half Moon Ring Wrench & Set

1950

- Short pattern design enables greater access in confined spaces
- Chrome vanadium alloy steel
- Chrome plated
- DIN3113







KT NO.	Size mm	D1 mm	D2 mm	L mm	H1 mm	H2 mm	H mm		
19500810	8 x 10	15.6	14.3	137	6.5	6.2	42	40	12 / 288
19501012	10 x 12	15.6	18.2	141	6.6	6.5	50	55	12 / 288
19501113	11 x 13	18.2	21.0	166	8.2	8.0	63	93	8 / 128
19501214	12 x 14	18.2	21.0	166	8.2	8.0	63	94	8 / 128
19501315	13 x 15	22.0	25.0	190	9.2	8.2	75	126	6 / 72
19501417	14 x 17	22.0	25.0	190	9.2	8.2	75	126	6 / 72
19501618	16 x 18	25.5	28.0	220	9.6	8.8	79	156	6 / 72
19501719	17 x 19	25.5	28.0	220	9.6	8.8	79	174	6 / 72
19501922	19 x 22	28.6	32.5	256	11.1	10.1	91	255	6 / 48

9-1905MR



5 PC.

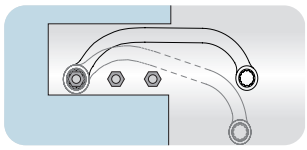
KT NO.	Contents			
9-1905MR	 1950	10 x 12, 11 x 13, 14 x 17, 16 x 18, 19 x 22	0.82	1 / 10

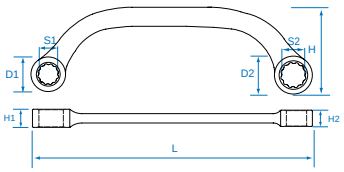
Half Moon Ring Wrench

1951

- American type
- Specially designed for starter bolts
- Used mainly in automotive applications for starter motors, inlet and exhaust manifolds
- Chrome vanadium alloy steel
- Chrome plated







KT NO.	Size mm	D1 mm	D2 mm	L mm	H1 mm	H2 mm	H mm	g	
19510810	8 x 10	12.5	16.5	125	7.0	7.4	36	48.0	12 / 240
19511011	10 x 11	17.5	19	149	8.0	8.5	46	71.4	12 / 240
19511012	10 x 12	17.5	19.0	149	8.0	8.5	46	67.8	12 / 240
19511113	11 x 13	17.5	19.0	149	8.0	8.5	46	76.0	12 / 240
19511416	14 x 16	21.4	23.4	169	8.2	8.4	50	99.1	10 / 120
19511214	12 x 14	21.4	23.4	169	8.2	8.4	50	95.4	10 / 120
19511517	15 x 17	23.5	27.0	194	9.5	10.0	56	151.2	8 / 96
19511719	17 x 19	26.5	27.7	194	9.2	9.6	56	141.4	8 / 96
19511922	19 x 22	29.0	32.3	225	11.0	12.0	66	235.0	5 / 60

Crowfoot Wrench

1031

- 12 points
- Chrome vanadium alloy steel
- Chrome plated



KT NO.	Size mm	Drive square	L mm	g	
1031-10R	10	3/8"	37.3	40	12 / 192
1031-11R	11	3/8"	37.3	40	12 / 192
1031-12R	12	3/8"	37.3	40	12 / 192
1031-13R	13	3/8"	37.3	40	12 / 192
1031-14R	14	3/8"	42.3	42	12 / 192
1031-15R	15	3/8"	42.3	44	12 / 192
1031-16R	16	3/8"	42.3	48	12 / 192
1031-17R	17	3/8"	46.0	68	12 / 192
1031-18R	18	3/8"	46.0	63	12 / 192
1031-19R	19	3/8"	46.0	63	12 / 192
1031-22R	22	1/2"	55.0	82	15 / 180
1031-24R	24	1/2"	55.0	74	15 / 180
1031-26R	26	1/2"	61.0	105	15 / 180
1031-27R	27	1/2"	61.0	98	15 / 180
1031-30R	30	1/2"	68.7	136	12 / 144
1031-32R	32	1/2"	69.7	136	12 / 144



- Use to reach limit place with extension bar
- Use with torque wrench and 90° extension bar, will not effectively change the torque value

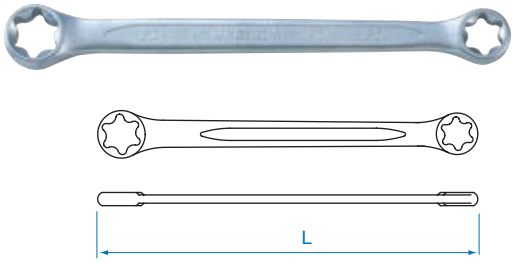
Star Box End Wrench & Set

KT No. & D1



1920

- Chrome vanadium alloy steel
- Chrome plated
- ANSI / ASME B107.6



KT NO.	Size	L mm	g	
19200608	E6 x E8	114.0	18.8	12 / 504
19200711	E7 x E11	126.5	27.4	12 / 504
19201012	E10 x E12	142.5	32.6	12 / 384
19201418	E14 x E18	183.0	86.2	12 / 240
19201622	E16 x E22	205.0	119.0	12 / 192
19202024	E20 x E24	225.0	172.2	12 / 144

1406PR



6 PC.

KT NO.	Contents	Kg 0.46	1 / 15
1920	E6 x E8, E7 x E11, E10 x E12, E14 x E18, E16 x E22, E20 x E24		

Flare Nut Wrench

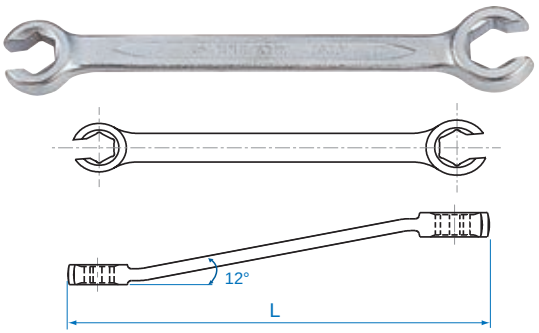
KT No. & D1



1930

5930

- 6 points
- 12° ring offset
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN 3118
- Inch size-ANSI / ASME B107.6



KT NO.	Size mm	L mm	g	
19300810	8 x 10	130	53	12 / 216
19300911	9 x 11	150	55	12 / 216
19301011	10 x 11	150	78	12 / 192
19301012	10 x 12	150	74	12 / 192
19301113	11 x 13	170	106	12 / 144
19301213	12 x 13	170	104	12 / 144
19301214	12 x 14	170	102	12 / 144
19301315	13 x 15	178	125	12 / 144
19301417	14 x 17	190	132	12 / 144
19301719	17 x 19	210	170	8 / 128
19301922	19 x 22	230	218	9 / 108

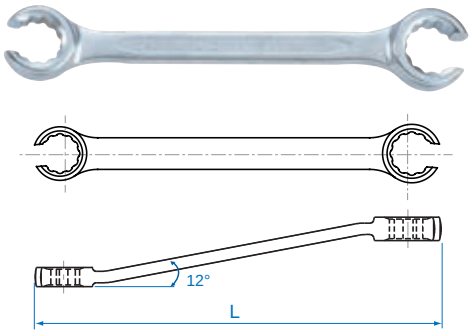
KT NO.	Size inch	L mm	g	
59301012	5/16 x 3/8	130	53	12 / 216
59301214	3/8 x 7/16	150	78	12 / 192
59301618	1/2 x 9/16	180	102	12 / 144
59301820	9/16 x 5/8	190	132	12 / 144
59302224	11/16 x 3/4	210	170	6 / 96
59302428	3/4 x 7/8	230	218	6 / 72

Flare Nut Wrench & Set

1931

- 12 points
- 12° ring offset
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3118

KT NO.	Size mm	L mm		
19312224	22 x 24	250	310	6 / 72
19312427	24 x 27	270	359	6 / 48
19313032	30 x 32	290	471	5 / 40





► MRN / SRN : Tetoron pouch bag



► MR / SR : Nylon pouch bag



KT NO.	PC.	Contents	Package		
1306MR	6	1930: 8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19, 19 x 22	Nylon	0.90	1 / 30
1306MRN	6		Tetoron	0.90	1 / 30
1306SR	6	5930: 5/16 x 3/8, 3/8 x 7/16, 1/2 x 9/16, 9/16 x 5/8, 11/16 x 3/4, 3/4 x 7/8	Nylon	0.86	1 / 30
1306CR	6	1930: 8 x 10, 11 x 13, 12 x 14, 17 x 19 5930: 3/8 x 7/16, 1/2 x 9/16	Nylon	0.74	1 / 12



Flexible Head Wrench & Set

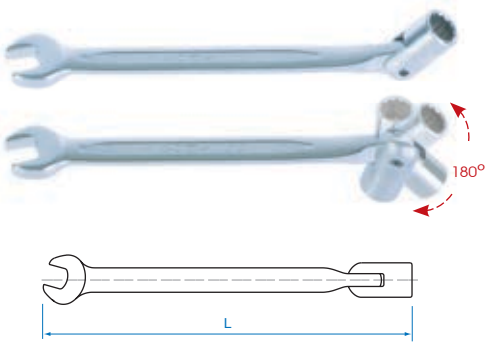
KT No. & D1



1020

- Combination flexible head wrench with 12 points thin wall socket
- 180° swiveling head for better accessibility
- Chrome vanadium alloy steel
- Chrome plated

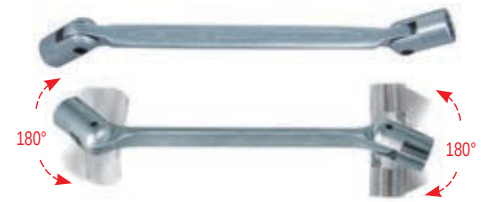
KT NO.	Size mm	L mm	g	
1020-08	8	170	65	10 / 180
1020-09	9	170	65	10 / 180
1020-10	10	180	75	10 / 160
1020-11	11	188	105	10 / 160
1020-12	12	190	114	10 / 120
1020-13	13	206	140	10 / 120
1020-14	14	225	186	10 / 120
1020-15	15	225	195	6 / 72
1020-16	16	234	234	6 / 72
1020-17	17	234	234	4 / 48
1020-18	18	252	307	4 / 48
1020-19	19	250	307	4 / 48

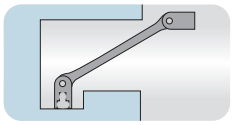


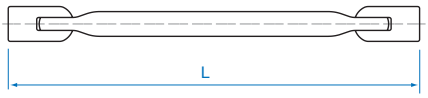
1910

- Double end flexible head wrench with 12 points thin wall socket
- 180° swiveling head for better accessibility
- Chrome vanadium alloy steel
- Chrome plated

KT NO.	Size mm	L mm	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
19101417	14 x 17	244	245	10 / 120
19101617	16 x 17	259	330	10 / 80
19101719	17 x 19	260	330	10 / 80
19101819	18 x 19	275	410	6 / 54
19101921	19 x 21	300	535	6 / 36
19102022	20 x 22	305	595	6 / 36
19102123	21 x 23	305	640	6 / 36
19102427	24 x 27	335	775	6 / 24









► Pouch material : Nylon

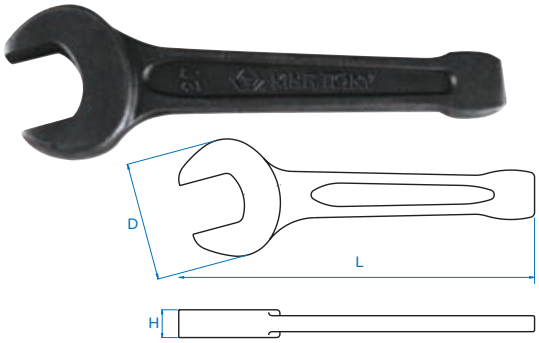
KT NO.	PC.	Contents	kg	
1B06MR	6	1020 — 10, 12, 13, 14, 17, 19	1.06	1 / 24
1A06MR	6	1910 — 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19	1.32	1 / 16

Slogging Wrench



10A0

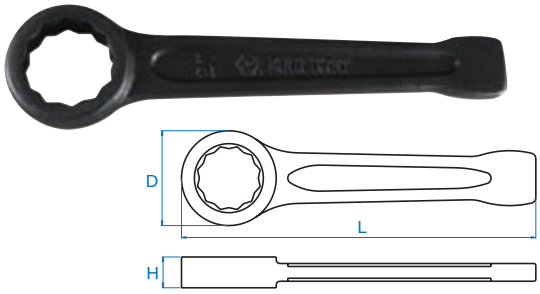
- Open end slogging
- Finished with phosphate sunk
- DIN 133



KT NO.	Size mm	L mm	D mm	H mm	g	
10A0-24	24	178	52	15	302	6 / 72
10A0-27	27	180	55	16	320	6 / 72
10A0-30	30	190	60	16	400	6 / 60
10A0-32	32	190	61	17	418	6 / 60
10A0-36	36	215	72	17	600	6 / 24
10A0-41	41	233	83	19	902	5 / 20
10A0-46	46	255	94	20	1122	4 / 16
10A0-50	50	275	105	22	1555	2 / 16
10A0-55	55	298	115	24	2015	2 / 12
10A0-60	60	320	127	24	2515	1 / 10
10A0-65	65	340	138	27	3260	1 / 8
10A0-70	70	370	156	32	4390	1 / 5
10A0-75	75	372	153	31	4140	1 / 5
10A0-80	80	395	175	33	6820	1 / 4
10A0-85	85	395	175	33	6300	1 / 4
10A0-90	90	440	197	38	9270	1 / 2
10A0-95	95	440	197	38	8700	1 / 2
10A0-A0	100	480	230	45	10500	1 / 2
10A0-A5	105	480	230	45	10300	1 / 2
10A0-B0	110	505	238	47	14420	1 / 1
10A0-B5	115	505	250	53	14420	1 / 1
10A0-C0	120	530	258	53	15450	1 / 1
10A0-C5	125	515	251	43	15015	1 / 1

10B0

- Ring slogging
- Finished with phosphate sunk
- DIN 7444



KT NO.	Size mm	L mm	D mm	H mm	g	
10B0-24	24	162	42	16	239	6 / 72
new 10B0-26	26	180	46	17	247	6 / 72
10B0-27	27	180	46	17	247	6 / 72
10B0-30	30	190	52	18	354	6 / 72
10B0-32	32	190	52	18	404	6 / 60
10B0-36	36	205	58	19	499	6 / 36
10B0-41	41	230	66	21	658	6 / 24
10B0-46	46	240	74	23	886	4 / 16
10B0-50	50	250	78	24	1125	4 / 16
10B0-55	55	265	85	25	1330	2 / 16
10B0-60	60	275	92	26	1245	2 / 12
10B0-65	65	295	100	27	1875	2 / 12
10B0-70	70	325	109	33	2965	1 / 8
10B0-75	75	325	111	34	2735	1 / 8
10B0-80	80	345	126	36	3675	1 / 6
10B0-85	85	345	130	36	3710	1 / 6
10B0-90	90	380	152	40	5850	1 / 4
10B0-95	95	380	152	40	5350	1 / 4
10B0-A0	100	410	155	43	6445	1 / 4
10B0-A5	105	415	172	45	6500	1 / 3
10B0-B0	110	440	172	47	8000	1 / 3
10B0-B5	115	440	172	47	7500	1 / 3
10B0-C0	120	480	194	53	9000	1 / 2

Heavy Duty Offset Ring Wrench

10C0

- To be used with extension tubes item "11"
- Chrome vanadium alloy steel
- Chrome plated

KT NO.	Size mm	L mm	Applied tube	g	
10C0-24	24	178	111946	450	6 / 48
10C0-27	27	188	111946	500	6 / 48
10C0-30	30	198	111946	580	4 / 36
10C0-32	32	233	112261	810	4 / 24
10C0-36	36	241	112261	870	4 / 24
10C0-41	41	260	112261	1100	2 / 16
10C0-46	46	277	112576	1400	2 / 16
10C0-50	50	287	112576	1600	2 / 16
10C0-55	55	298	112576	1800	1 / 12
10C0-60	60	345	113086	2800	1 / 9
10C0-65	65	356	113086	3200	1 / 4



Heavy Duty Offset Ring Wrench

11

- Tube for item 10C0
- Chrome plated

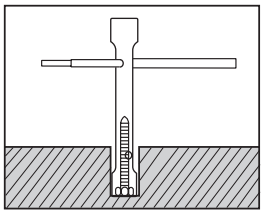
KT NO.	mm	L mm	Applied wrench size	g	
111946	19	460	24mm, 27mm, 30mm	1050	20
112261	22	610	32mm, 36mm, 41mm	1450	16
112576	24	760	46mm, 50mm, 55mm	2400	6
113086	30	860	60mm, 65mm	2610	4



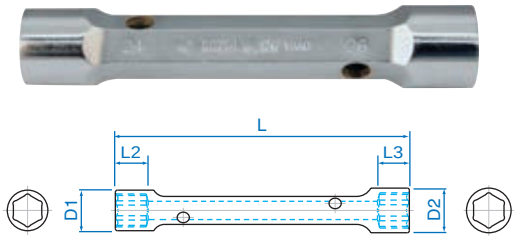
End Tubular Wrench

19A0

- Chrome vanadium alloy steel
- Chrome plated



- Double end socket wrench for the hollow tube design, a long-type screw may be used.

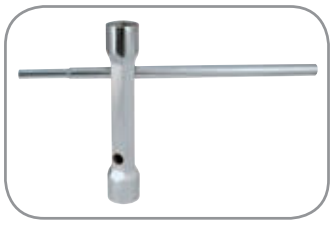


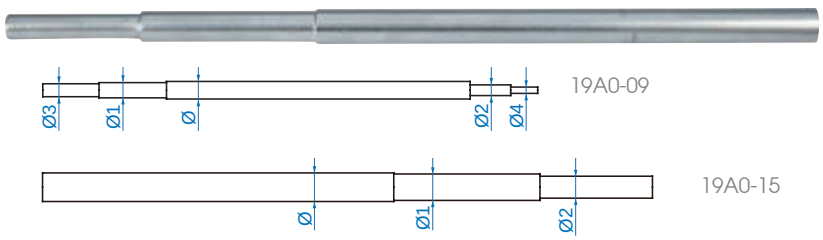
KT NO.	mm	D1 mm	D2 mm	L2 mm	L3 mm	L mm	g	
19A00607	6 x 7	10	11	5	6	105	44	30 / 180
19A00809	8 x 9	13	14	6	7	110	60	30 / 180
19A01011	10 x 11	15	16	7.5	8	120	79	24 / 144
19A01213	12 x 13	18	19	9	9.5	140	142	18 / 144
19A01415	14 x 15	20	22	10	11	145	138	12 / 96
19A01617	16 x 17	23	24	11	12	155	190	10 / 90
19A01819	18 x 19	25	26	13	15	165	243	8 / 72
19A02022	20 x 22	28	30	15	16	170	288	8 / 72
19A02123	21 x 23	29	31	15	17	185	318	6 / 54
19A02426	24 x 26	33	35	19	21	190	396	4 / 36
19A02528	25 x 28	34	37	19	21	205	511	4 / 24
19A02729	27 x 29	37	39	21	22	210	595	2 / 12
19A03032	30 x 32	40	42	22	26	210	671	2 / 12

19A0-09

19A0-15

- Chrome vanadium alloy steel
- Chrome plated





KT NO.	L mm	Ø mm	Ø1 mm	Ø2 mm	Ø3 mm	Ø4 mm	Applied to socket wrench sizes
19A0-09	220	7.8	6.75	4.75	5.75	2.8	19A00607~19A02022
19A0-15	300	12.7	11.75	9.75	-	-	19A02123~19A03032

Flexible Speed Wrench

• *Metric size from 8 ~ 19 mm*



3730

Speed Wrench

• *Metric size from 8 ~ 24 mm*



3731



3732

Ringstop Speed Wrench

• *Metric size from 8 ~ 24 mm*



373A

Double End Speed Wrench

• *Metric size from 8 ~ 19 mm*



3736

• *Metric size from 6 ~ 24 mm*



3737

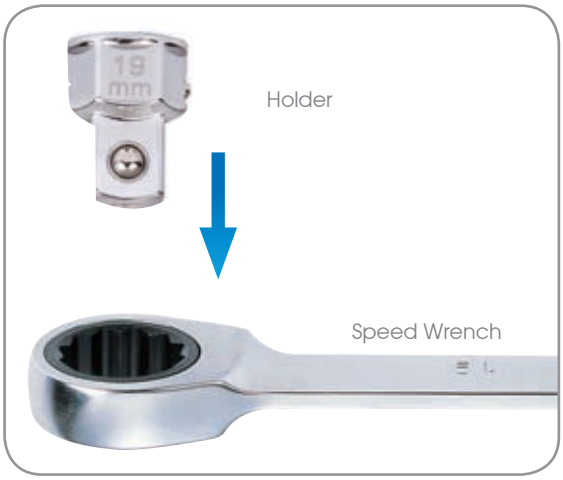
Open-Side Speed Wrench

• *Metric size from 8 ~ 19 mm*



3721

KT NO.	Apply to speed wrench		Function
373202H		10 mm	1/4" Bit
373202R		10 mm	1/4" drive
373203R		13 mm	3/8" drive
373225H		13 mm	5/16" Bit
373204R		19 mm	1/2" drive



Flexible Speed Wrench

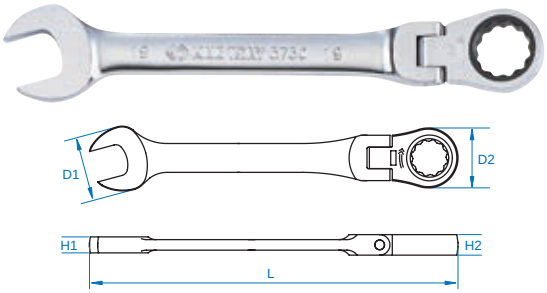
KT No. & D1



3730M

- Flexible head, open end and ratchet ring - wrench
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated





KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm		
373008M	8	16.2	16.7	4.3	6.5	127.0	40	12 / 432
373009M	9	18.2	18.6	4.6	6.9	131.5	40	12 / 384
373010M	10	20.3	20.0	5.0	7.3	136.0	60	12 / 384
373011M	11	22.5	21.8	5.4	7.7	141.0	60	10 / 320
373012M	12	24.3	23.0	5.8	8.2	147.5	80	10 / 240
373013M	13	26.8	25.2	6.1	8.6	154.0	100	10 / 240
373014M	14	28.7	26.8	6.4	9.0	160.0	100	10 / 200
373015M	15	30.5	28.3	6.9	9.4	169.0	120	10 / 160
373016M	16	32.9	29.8	7.2	9.9	179.0	160	10 / 160
373017M	17	34.5	31.8	7.6	10.3	190.0	180	10 / 160
373018M	18	37.0	32.8	8.0	10.7	203.0	200	10 / 160
373019M	19	39.2	33.9	8.6	11.2	215.0	220	10 / 80

Flexible Speed Wrench Set

13012MR

Metal case size (mm) :
275 x 310 x 65 (1.68 Cuft)

12 PC.



KT NO.	Contents	Kg 2.17	1 / 6
13012MR	3730M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

13013MR

Metal case size (mm) :
303 x 228 x 50 (1.35 Cuft)

13 PC.



KT NO.	Contents	Kg 1.66	1 / 8
13013MR	3730M	8, 10, 12, 13, 14, 16, 17, 18, 19	
	373202H 373202R 373203R 373204R		

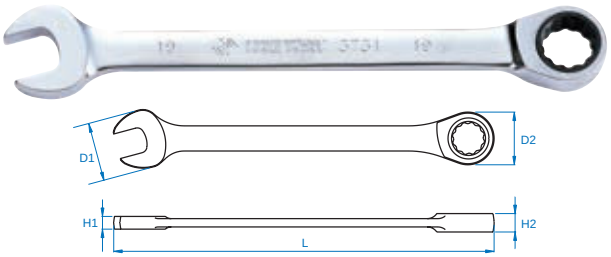
Speed Wrench



KT No. & D1

3731M

- Open end and ratchet ring -wrench
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated

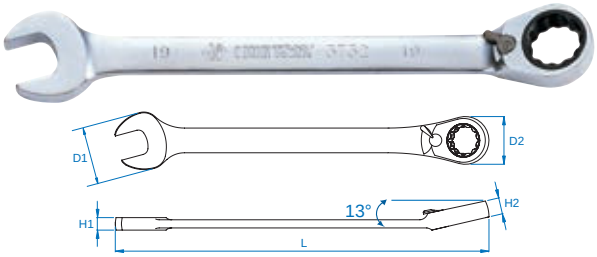


KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
373108M	8	16.7	17.0	4.0	6.5	140.0	25	12 / 384
373109M	9	18.7	18.6	4.4	6.9	149.0	35	12 / 384
373110M	10	20.8	20.2	4.8	7.3	158.0	40	12 / 240
373111M	11	23.0	22.0	5.2	7.7	165.0	60	12 / 240
373112M	12	24.6	23.4	5.5	8.2	171.0	75	12 / 240
373113M	13	26.8	25.5	5.8	8.6	178.0	80	10 / 160
373114M	14	29.0	26.9	6.2	9.0	190.0	100	10 / 160
373115M	15	31.0	28.3	6.5	9.4	199.0	115	10 / 160
373116M	16	33.0	29.8	6.8	9.9	208.0	135	10 / 160
373117M	17	35.5	31.8	7.2	10.3	225.0	165	6 / 60
373118M	18	37.5	32.7	7.7	10.7	236.0	195	6 / 60
373119M	19	39.4	34.0	8.2	11.2	247.0	225	6 / 60
373121M	21	45.8	40.1	9.0	13.0	287.8	320	6 / 54
373122M	22	45.8	40.1	9.0	13.0	287.8	340	6 / 54
373124M	24	51.8	46.5	10.0	14.5	321.0	475	6 / 54

3732M

3732S

- Open end and ratchet ring - wrench
- 5° gear action (72 teeth)
- Reversible
- Take-up:13°
- Chrome vanadium alloy steel
- Chrome plated



KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g		
373208M	8	16.7	16.6	4.6	6.5	140	20	12 / 384
373209M	9	18.8	18.4	4.9	6.9	150	25	12 / 384
373210M	10	20.8	20.0	5.3	7.3	159	40	12 / 240
373211M	11	23.0	21.8	5.6	7.7	165	60	12 / 240
373212M	12	25.0	22.7	6.0	8.2	172	75	12 / 240
373213M	13	27.1	24.7	6.4	8.6	178	95	10 / 160
373214M	14	29.2	27.0	6.8	9.0	191	110	10 / 160
373215M	15	31.3	28.3	7.0	9.4	200	120	10 / 160
373216M	16	33.4	30.0	7.2	9.9	208	160	10 / 60
373217M	17	35.5	31.8	7.7	10.3	226	175	6 / 60
373218M	18	37.6	32.6	8.2	10.7	237	205	6 / 60
373219M	19	39.7	33.8	8.8	11.2	248	220	6 / 60
373221M	21	46.0	40.0	9.0	13.0	290	320	6 / 54
373222M	22	46.0	40.0	9.0	13.0	290	320	6 / 54
373224M	24	52.2	46.0	10.0	14.5	323	465	6 / 54

KT NO.	Size inch	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
373210S	5/16	16.7	16.6	4.6	6.5	140	20	12 / 384
373212S	3/8	20.8	20.0	5.3	7.3	159	40	12 / 240
373214S	7/16	23.8	21.8	5.6	7.7	165	60	12 / 240
373216S	1/2	27.1	24.7	6.4	8.6	178	95	10 / 160
373218S	9/16	29.2	27.0	6.8	9.0	191	110	10 / 160
373220S	5/8	33.4	30.0	7.2	9.9	208	160	10 / 60
373222S	11/16	35.5	31.8	7.7	10.3	226	175	6 / 60
373224S	3/4	39.7	33.8	8.8	11.2	248	220	6 / 60
373228S	7/8	46.0	40.0	9.0	13.0	290	320	6 / 54
373230S	15/16	52.5	46.0	10.0	14.5	323	465	6 / 54

Speed Wrench Set



► Pouch material : Tetoron

KT NO.	PC.		Contents	Kg	
12107MRN	7	3731M	10, 11, 12, 14, 15, 17, 19	0.91	1 / 24
12107MRN01	7		8, 10, 11, 12, 13, 17, 19	0.84	1 / 24
12114MRN	14		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	2.50	1 / 12
12112MRN	12		8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24	1.95	1 / 8
12207MRN	7	3732M	10, 11, 12, 14, 15, 17, 19	0.91	1 / 24
12207MRN01	7		8, 10, 11, 12, 13, 17, 19	0.91	1 / 24
12214MRN	14		8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	2.50	1 / 12
12212MRN	12		8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24	1.95	1 / 8
12207SRN	7	3732S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	0.91	1 / 24

Speed Wrench Set

13113MR

Metal case size (mm) :
303 x 228 x 50 (1.35 Cuft)

13213MR

13 PC.



13113MR



13213MR

KT NO.	Contents		Kg 1.64	1 / 8
13113MR	3731M	8, 10, 12, 13, 14, 16, 17, 18, 19		
13213MR	3732M			


373202H


373202R


373203R


373204R

Speed Wrench Set

91162MR

Metal case size (mm) :
405 x 310 x 80 (1.63 Cuft)

91262MR

62 PC.



91162MR



91262MR

3.6 | 1 / 4

KT NO.	Contents					
91162MR	3731M	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 M5, M6, M8, M10, M12	373204R	314810M
91262MR	3732M		4375M E10, E12, E14, E16, E18, E20	1636T T10, T15, T20, T25, T27, T30, T40, T45,T50, T55, T60		
				1636U T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H, T55H, T60H	414810M	

91168MR

Metal case size (mm) :
405 x 310 x 80 (1.63 Cuft)

91268MR

68 PC.



91168MR



91268MR

4.8 | 1 / 4

KT NO.	Contents					
91168MR	3731M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	2375M E4, E5, E6 , E7, E8	1636H H4, H5, H6, H7, H8, H10, H12	373202R	373203R
			3375M E10, E11, E12	1636M M5, M6, M8, M10, M12	373204R	314810M
91268MR	3732M		4375M E10, E12, E14, E16, E18, E20	1636T T10, T15, T20, T25, T27, T30, T40, T45,T50, T55, T60		
				1636U T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H, T55H, T60H	414810M	

Ringstop Speed Wrench

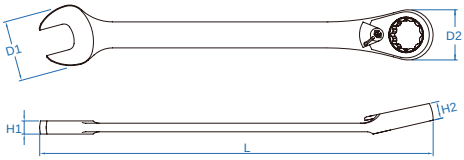


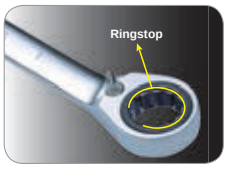
KT No. & D1

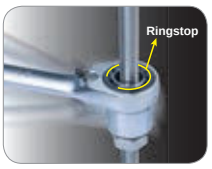
373AM

- Ringstop function
- Open end and ratchet ring - wrench
- 5° gear action (72 teeth)
- Reversible
- Take - up: 13°
- Chrome vanadium alloy steel
- Chrome plated









KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
373A08M	8	16.7	16.6	4.6	6.5	140	20	12 / 384
373A10M	10	20.8	20.0	5.3	7.3	159	40	12 / 240
373A12M	12	25.0	22.7	6.0	8.2	172	75	12 / 240
373A13M	13	27.1	24.7	6.4	8.6	178	95	10 / 160
373A14M	14	29.2	27.0	6.8	9.0	191	110	10 / 160
373A17M	17	35.5	31.8	7.7	10.3	226	175	6 / 60
373A19M	19	39.7	33.8	8.8	11.2	248	220	6 / 60

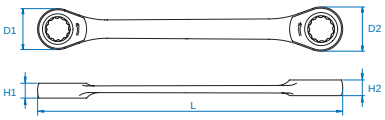
Double End Speed Wrench



KT No. & D1

3736M

- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated

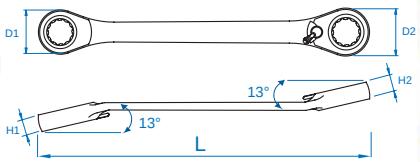




KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
37360809M	8 x 9	16.8	20.2	6.5	6.9	128	45	10 / 320
37361011M	10 x 11	20.2	21.8	7.3	7.7	150	65	10 / 200
37361013M	10 x 13	20.2	24.8	7.3	8.6	150	70	10 / 200
37361213M	12 x 13	23.0	24.8	8.2	8.6	170	100	10 / 200
37361415M	14 x 15	26.5	29.5	9.0	9.4	190	120	10 / 160
37361618M	16 x 18	29.5	33.5	9.9	10.7	210	190	10 / 120
37361719M	17 x 19	31.5	33.5	10.3	11.2	230	210	10 / 120

3737M

- 5° gear action (72 teeth)
- Reversible
- Take-up:13°
- Chrome vanadium alloy steel
- Chrome plated





KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
37370607M	6 x 7	14.2	17.2	6.3	6.5	115	36	10 / 320
37370809M	8 x 9	16.8	20.2	6.5	6.9	128	45	10 / 320
37371011M	10 x 11	20.2	21.8	7.3	7.7	150	61	10 / 200
37371213M	12 x 13	23.0	24.8	8.2	8.6	170	90	10 / 200
37371415M	14 x 15	26.5	29.5	9.0	9.4	190	130	10 / 160
37371618M	16 x 18	29.5	33.5	9.9	10.7	210	183	10 / 120
37371719M	17 x 19	31.5	33.5	10.3	11.2	230	209	10 / 120
37372123M	21 x 23	40.0	46.0	13	14.5	260	408	8 / 64
37372224M	22 x 24	40.0	46.0	13	14.5	260	397	8 / 64

Speed Wrench Set

12706MR

6 PC.

KT NO.	Contents	0.72	1 / 16
3737M	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18, 17 x 19		





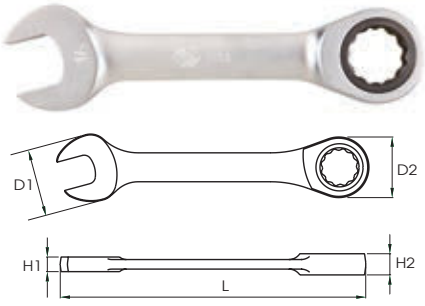
► Pouch material : Tetoron

KT NO.	PC.		Contents		
12709MRN	9	3737M	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18, 17 x 19, 21 x 23, 22 x 24	1.50	1 / 16

Stubby Speed Wrench & Set

3738M

- Open-ended and ratchet ring-wrench
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated



KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm		
373810M	10	22.0	21.5	4.6	7.6	95	47	15 / 360
373811M	11	23.8	23.0	5.1	8.0	103	55	15 / 360
373812M	12	26.0	24.8	5.3	8.5	106	65	15 / 360
373813M	13	27.5	26.1	5.6	8.7	108	75	15 / 360
373814M	14	30.5	27.6	6.0	9.3	115	88	15 / 360
373815M	15	31.8	29.2	6.3	9.9	119	104	15 / 360
373816M	16	34.0	30.9	6.5	10.0	123	111	10 / 200
373817M	17	36.0	32.3	7.0	10.6	127	143	10 / 200
373819M	19	40.2	35.5	8.0	11.7	139	183	10 / 120

12807MR

Metal case size (mm) :
245 x 165 x 52 (1.21 Cuft)

7 PC.



Contents	0.92	1 / 10
3738M	10, 12, 13, 14, 15, 17, 19 mm	

Open-side Speed Wrench & Set



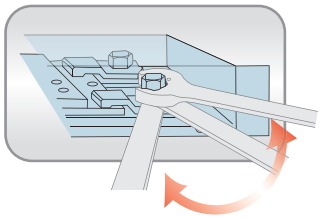
KT No. & D1

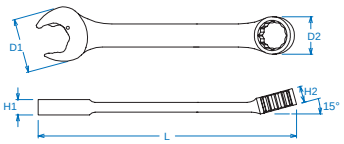
3721M

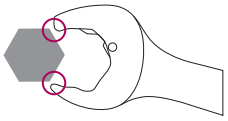
3721S

- Open-side speed wrench
- Torque rating exceeds ANSI specifications by 30% plus
- The special ratcheting open end design will not slip off the screw when torque is applied
- Chrome vanadium alloy steel
- Chrome plated

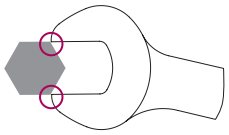








Open-side speed wrench



Combination wrench 17mm

KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
372108M	8	17.8	13.3	5.0	6.0	136	38	12 / 384
372110M	10	22.2	16.6	6.0	7.2	161	60	12 / 288
372111M	11	25.4	17.5	6.6	7.4	168	68	12 / 288
372112M	12	26.3	19.2	7.5	7.9	174	83	12 / 288
372113M	13	28.2	20.3	7.9	8.6	180	100	10 / 240
372114M	14	31.5	21.3	8.5	9.2	193	123	10 / 120
372115M	15	32.8	23.6	8.5	9.7	200	143	10 / 120
372116M	16	34.9	23.6	9.0	10.8	207	171	10 / 120
372117M	17	37.4	28.1	9.5	10.9	227	191	10 / 100
372118M	18	39.0	28.0	9.8	11.2	239	220	10 / 100
372119M	19	41.2	29.3	9.8	12.2	250	250	6 / 60

KT NO.	Size inch	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	
372110S	5/16	17.8	13.3	5.0	6.0	136	38	12 / 384
372112S	3/8	22.2	16.6	6.0	7.2	161	59	12 / 288
372114S	7/16	25.4	17.5	6.6	7.4	168	68	12 / 288
372116S	1/2	28.2	20.3	7.9	8.6	180	97	10 / 240
372118S	9/16	31.5	21.3	8.5	9.2	193	120	10 / 120
372120S	5/8	34.9	25.6	9.0	10.8	207	163	10 / 120
372122S	11/16	37.4	28.1	9.5	10.9	227	184	10 / 100
372124S	3/4	41.2	29.3	9.8	12.2	250	246	6 / 60



▶ Pouch material : Tetoron

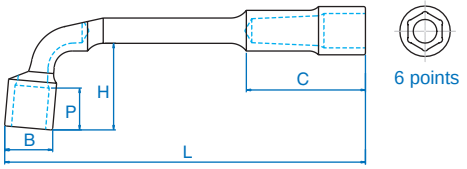
KT NO.	PC.		Contents	Kg	
14111MRN	11	3721M	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	1.59	1 / 12
14108SRN	8	3721S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	1.11	1 / 16

Angled Socket Wrench

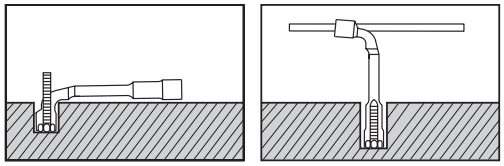
1080

- Angle and through-hole design
- Deep concave at one side and open end socket at the other, easily fit over protruding studs
- High quality steel, chrome plated
- ISO 2236







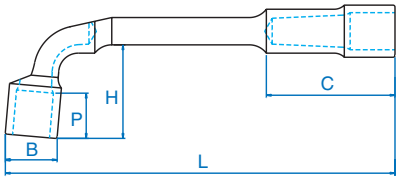


KT NO.	mm	B mm	P mm	H mm	C mm	L mm	g	
1080-06	6	11.0	7.0	18.5	29	110	55	12 / 240
1080-07	7	11.5	8.0	21.0	30.5	114	60	12 / 240
1080-08	8	13.0	10.0	21.5	30	120	62	12 / 216
1080-09	9	14.0	10.0	22.0	33	125	65	12 / 216
1080-10	10	15.0	11.0	25.5	35	131	100	6 / 60
1080-11	11	16.5	12.0	26.5	37	137	115	6 / 60
1080-12	12	17.5	12.0	27.0	40	144	155	6 / 60
1080-13	13	19.0	14.0	30.0	47	152.5	180	6 / 60
1080-14	14	20.0	14.0	33.0	48	160	185	6 / 60
1080-15	15	21.5	15.0	35.0	50	174	210	6 / 60
1080-16	16	22.5	17.0	39.5	54	185	285	6 / 60
1080-17	17	24.0	18.0	39.5	56	197	315	6 / 60
1080-18	18	25.0	19.5	42.0	58	211	370	4 / 40
1080-19	19	26.5	20.5	45.0	62	218	425	4 / 40
1080-20	20	27.5	21.5	45.0	63	222	445	2 / 20
1080-21	21	29.0	23.5	49.0	65	231	495	2 / 20
1080-22	22	30.0	23.5	49.0	67	247	530	2 / 16
1080-23	23	31.5	24.5	54.0	74	255	610	2 / 16
1080-24	24	32.5	25.5	56.0	77	266	670	2 / 16
1080-25	25	34.0	25.5	58.0	79	278	780	2 / 16
1080-26	26	35.0	25.5	59.0	80	289	805	2 / 16
1080-27	27	36.5	27.5	59.0	84	299	975	2 / 16
1080-28	28	37.5	27.5	60.0	86	310	1005	2 / 16
1080-29	29	39.0	28.5	62.0	90	319	1060	2 / 16
1080-30	30	40.0	28.5	65.0	93	332	1290	2 / 12
1080-32	32	42.5	28.5	69.0	95	353	1410	2 / 12

1081

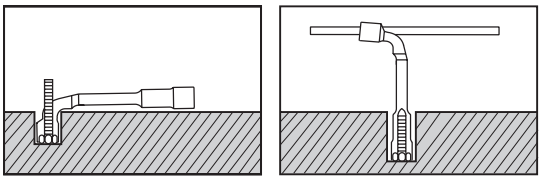
- Angle and through-hole design
- Deep concave at one side and open end socket at the other, easily fit over protruding studs
- High quality steel, chrome plated
- ISO 2236











KT NO.	mm	B mm	P mm	H mm	C mm	L mm	g	
1081-06	6	11.0	7.0	18.5	29	110	55	12 / 240
1081-07	7	11.5	8.0	21.0	30.5	114	60	12 / 240
1081-08	8	13.0	10.0	21.5	30	120	62	12 / 216
1081-09	9	14.0	10.0	22.0	33	125	65	12 / 216
1081-10	10	15.0	11.0	25.5	35	131	100	6 / 60
1081-11	11	16.5	12.0	26.5	37	137	115	6 / 60
1081-12	12	17.5	12.0	27.0	40	144	155	6 / 60
1081-13	13	19.0	14.0	30.0	47	152.5	180	6 / 60
1081-14	14	20.0	14.0	33.0	48	160	185	6 / 60
1081-15	15	21.5	15.0	35.0	50	174	210	6 / 60
1081-16	16	22.5	17.0	39.5	54	185	285	6 / 60
1081-17	17	24.0	18.0	39.5	56	197	315	6 / 60
1081-18	18	25.0	19.5	42.0	58	211	370	4 / 40
1081-19	19	26.5	20.5	45.0	62	218	425	4 / 40
1081-20	20	27.5	21.5	45.0	63	222	445	2 / 20
1081-21	21	29.0	23.5	49.0	65	231	495	2 / 20
1081-22	22	30.0	23.5	49.0	67	247	530	2 / 16
1081-23	23	31.5	24.5	54.0	74	255	610	2 / 16
1081-24	24	32.5	25.5	56.0	77	266	670	2 / 16
1081-25	25	34.0	25.5	58.0	79	278	780	2 / 16
1081-26	26	35.0	25.5	59.0	80	289	805	2 / 16
1081-27	27	36.5	27.5	59.0	84	299	975	2 / 16
1081-28	28	37.5	27.5	60.0	86	310	1005	2 / 16
1081-29	29	39.0	28.5	62.0	90	319	1060	2 / 16
1081-30	30	40.0	28.5	65.0	93	332	1290	2 / 12
1081-32	32	42.5	28.5	69.0	95	353	1410	2 / 12

Angled Socket Wrench Set



► MRN / SRN : Tetoron pouch bag



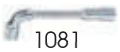
► MR / SR : Nylon pouch bag





► Color box



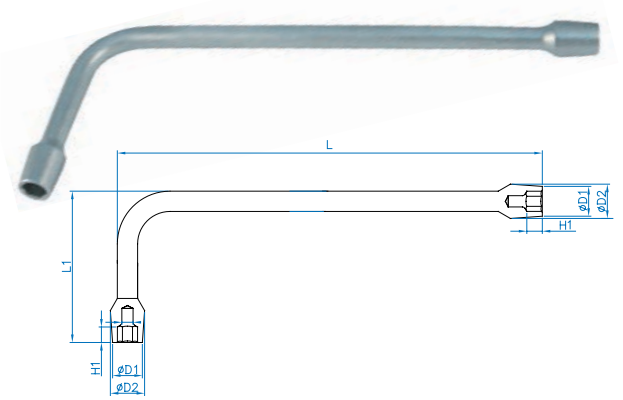
KT NO.	PC.		Contents	Package	Kg	
1805MR	5		10, 11, 13, 14, 17	Color box	1.12	1 / 22
1808MR	8	 1080	8, 10, 11, 12, 13, 14, 17, 19	Nylon	1.73	1 / 18
1812MR	12		8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24	Nylon	4.75	1 / 4
1826MR	26		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	Color box	15.0	1 / 2
1912MR	12	 1081	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24	Nylon	4.75	1 / 4
1912MRN	12			Tetoron	4.75	1 / 4
1926MR	26		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	Color box	15.0	1 / 2

Angled Socket Wrench

1084 5084

- Conic profile and thin walled
- Convenient to facilitate the force-depth objects
- High quality steel, chrome plated

KT NO.	mm	D1 mm	D2 mm	H1 mm	L1 mm	L mm	g	
1084-08	8	12.5	14.0	10	88	230	191	12 / 48
1084-09	9	14.0	15.5	10	88	230	191	12 / 48
1084-10	10	15.0	16.5	10	88	230	191	10 / 40
1084-11	11	16.0	17.5	11	88	230	294	10 / 40
1084-12	12	17.4	19.5	12	98	245	311	6 / 30
1084-13	13	18.9	21.0	12	98	245	395	6 / 30
1084-14	14	19.8	22.0	12	98	260	350	6 / 24
1084-15	15	21.7	24.0	13	98	260	391	6 / 24
1084-16	16	22.2	24.5	13	98	260	388	6 / 24
1084-17	17	24.5	27.0	14	98	260	488	6 / 24
1084-18	18	25.5	28.0	15	98	260	567	6 / 24
1084-19	19	27.1	30.0	15	98	260	595	6 / 24



KT NO.	inch	D1 mm	D2 mm	H1 mm	L1 mm	L mm	g	
5084-16	1/2	18.9	21.0	23	12	245	320	6 / 30
5084-18	9/16	19.8	22.0	23	12	260	336	6 / 24

Angled Socket Wrench Set



► Pouch material : Nylon

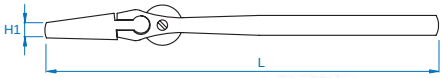
KT NO.	PC.		Contents		
1839MR	9	1084	8 ,10 ,11 ,12 ,13 ,14 ,15, 17, 19	3.2	1 / 6
1842MR	12		8 ,9, 10 ,11 ,12 ,13 ,14 ,15, 16, 17, 18, 19	4.2	1 / 6

Adjustable Wrench

3611

- Chrome vanadium alloy steel
- Polish, phosphate & chrome plated
- DIN 3117






3611P


3611HP


3611R


3611HR

KT NO.	H1 mm	L mm		
3611-06P	20	7	150	125	12 / 108
3611-08P	25	8	200	226	12 / 48
3611-10P	30	11	250	430	10 / 60
3611-12P	35	13	300	680	5 / 40
3611-06R	20	7	150	125	12 / 108
3611-08R	25	8	200	226	12 / 48
3611-10R	30	11	250	430	10 / 60
3611-12R	35	13	300	680	5 / 40

KT NO.	H1 mm	L mm		
3611-15HP	43	13	365	1485	1 / 20
3611-18HP	52	18	450	1750	1 / 6
3611-24HP	62	23	600	3343	1 / 6
3611-15HR	43	13	365	1485	1 / 20
3611-18HR	52	18	450	1750	1 / 6
3611-24HR	62	23	600	3343	1 / 6

3631-10R

- Magic button to switch ratchet function on/ off
- Wider jaw opening, comfortable & durability
- Excellent in each movement of knurl, tension enhanced and precise
- Patented, more than 130% of ASME

KT NO.	mm	Overall length mm		
3631-10R	32	257	470	6 / 36



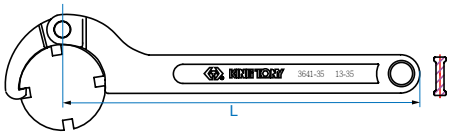
- Material: chrome vanadium alloy steel
- Finish: chrome plated
- Handle: PP+TPR

Adjustable Hook Spanner Wrench

3641

- The joint is equipped with a spring washer to ensure smooth and reliable operation
- Chrome vanadium alloy steel







KT NO.	Capacity mm	L	g	
3641-35	13-35	174	96	12 / 144
3641-50	35-50	212	166	12 / 108
3641-80	50-80	285	352	10 / 60
3641-C0	80-120	348	652	5 / 30
3641-I0	120-180	480	1260	4 / 16

Chain Wrench

3204

- Chain wrench for oil filter





KT NO.	Overall length inch	Overall length mm	Capacity(M) mm	g	
3204	8-3/4	225	Ø 60~140	359	50

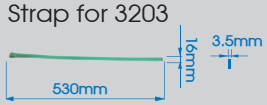
Strap Wrench

3203

- Strap wrench for oil filter

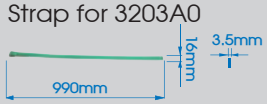


- Strap for 3203



320300 g 46 80

- Strap for 3203A0



320301 g 73 80

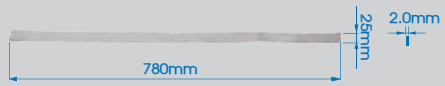


KT NO.	Overall length inch	Overall length mm	Capacity(M) mm	g	
3203	8-3/4	223	Ø 60~140	242	50
3203A0	8-3/4	223	Ø 60~260	300	50

320670

- Aluminum alloy handle and strong nylon strap for tight grip
- Suitable for oil filter or any polished pipe

- Nylon strap for 320670



320600 g 34.6 50





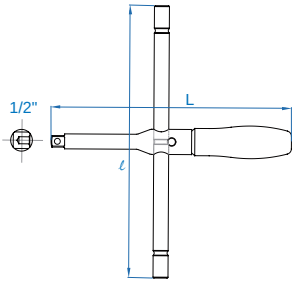


KT NO.	Overall Length inch	Overall Length mm	Capacity mm	g	
320670	12"	295	Ø 60~180	343.8	50

T-Spin Lug Wrench Set

4503MR

- Fast spinning action extension wrench
- Reach deep area with soft grip handle
- Suitable for passenger vehicles



4506MR









4 PC.

4503MR



6 PC.

4506MR

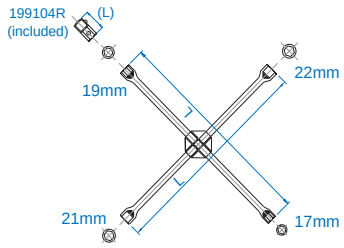
ITEM NO.	Size	ℓ mm	L mm		
4503MR	■ 1/2" ○ 19, 21 mm 4335MR	300	265	1.36	10
4506MR	■ 1/2" ○ 17, 19, 21, 23 mm 4335MR			1.56	

Wheel Nut Wrench

1991

- For most car wheel nuts in metric
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3119 ISO 6788

KT NO.	■ inch	○ mm	L mm		
19911722	1/2	17, 19, 21, 22	400	1700	6
199104R	1/2	19	34	84	10 / 240

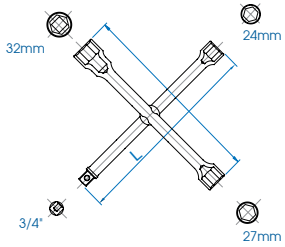


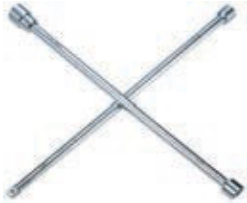


1993

- Designed for removing wheel nuts on cars and heavy vehicles
- Replaceable bit on wrenches featuring a square drive
- Chrome vanadium alloy steel
- Chrome plated

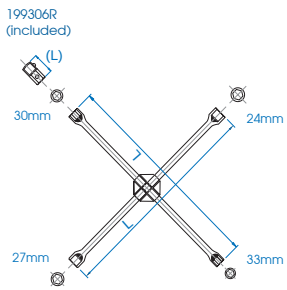
KT NO.	■ inch	○ mm	L mm		
19932427	3/4	24, 27, 32	700	4333	4







KT NO.	■ inch	○ mm	L mm		
19932433	3/4	24, 27, 30, 33	700	5.02	2
199306R	3/4	30	48	0.21	-





- T-type 90° unirersal joint driver

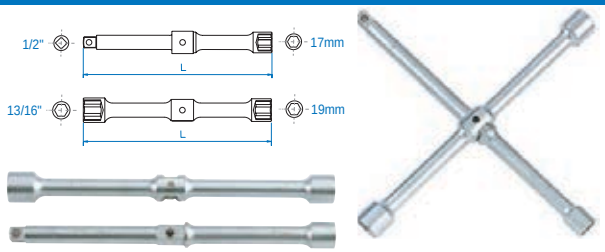
Assembling Wheel Nut Wrench

1996

• PAT. 192461

- For most car wheel nuts in metric
- Chrome vanadium alloy steel
- Chrome plated

KT NO.	○ inch	■ inch	○ mm	L mm	g	
19961721	13/16	1/2	17, 19	300	1100	20



Double-End Truck Wrench

1999

- Chrome vanadium alloy steel
- Chrome plated

KT NO.	Size mm	Overall length mm	g	
new 19991921	19 x 21	300	1000	1 / 10
new 19992224	22 x 24	400	1300	1 / 10
19992427	24 x 27	406	1643	1 / 10
new 19992432	24 x 32	400	1330	1 / 10
19992730	27 x 30	406	1710	1 / 10
19992732	27 x 32	406	1732	1 / 10
19992733	27 x 33	406	1766	1 / 10
new 19992833	28 x 33	400	1410	1 / 10
19993032	30 x 32	406	1823	1 / 10
19993233	32 x 33	406	1845	1 / 10
19993238	32 x 38	406	2025	1 / 10
new 19993821	38 x 21	400	1520	1 / 10
new 19993822	38 x 22	400	1520	1 / 10
new 19994121L	41 x 21	450	1800	1 / 10
199920R	ø19	400	1030	2 / 20



199920R

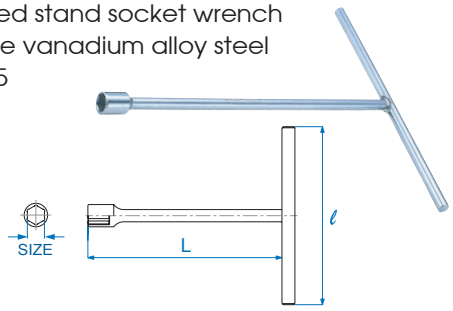




T-type Standard Socket Wrench

1185M

- T-shaped stand socket wrench
- Chrome vanadium alloy steel
- DIN 475

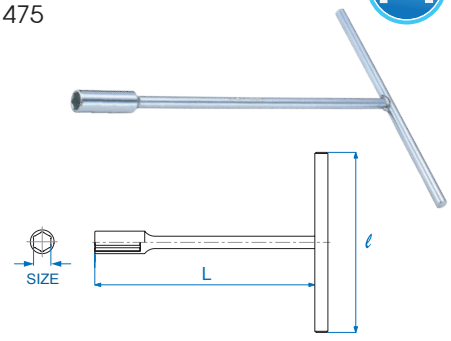


KT NO.	Size mm	ℓ mm	L mm	g	
118508M	8	200	250	186	10 / 100
118509M	9	200	250	231	10 / 100
118510M	10	200	250	228	10 / 100
118511M	11	200	250	234	10 / 100
118512M	12	250	250	386	10 / 60
118513M	13	250	300	421	10 / 60
118514M	14	250	300	429	10 / 60
118517M	17	300	300	710	6 / 36
118519M	19	300	300	725	6 / 36

T-type Deep Socket Wrench

1184M

- T-shaped deep socket wrench
- Chrome vanadium alloy steel
- DIN 475

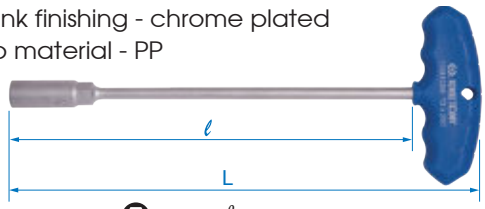


KT NO.	Size mm	ℓ mm	L mm	g	
118406M	6	120	190	53	10 / 40
118407M	7	120	190	73	10 / 40
118408M	8	200	300	212	10 / 60
118409M	9	200	300	307	10 / 60
118410M	10	200	300	317	10 / 60
118411M	11	200	300	327	10 / 60
118412M	12	200	300	328	10 / 60
118413M	13	200	300	333	10 / 60
118414M	14	200	300	345	10 / 60
118417M	17	250	300	602	6 / 36

T-type Deep Socket Wrench

115HM new

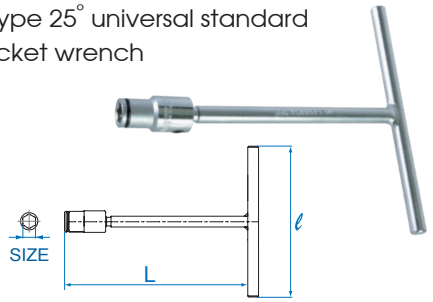
- Shank material - chrome vanadium alloy steel
- Shank finishing - chrome plated
- Grip material - PP



KT NO.	mm	ℓ mm	L mm	g	
115H05M-10	5	260	300	140.0	12 / 72
115H06M-10	6	260	300	147.0	12 / 72
115H07M-10	7	260	300	161.8	12 / 72
115H08M-10	8	260	300	159.0	12 / 72
115H09M-10	9	260	300	161.2	12 / 72
115H10M-10	10	260	300	170.6	12 / 72
115H11M-10	11	260	300	203.4	12 / 72
115H12M-10	12	260	300	205.0	12 / 72
115H13M-10	13	260	300	204.6	12 / 72
115H08M-14	8	350	388	147.0	10 / 60
115H10M-14	10	350	388	153.0	10 / 60
115H13M-14	13	350	390	261.0	8 / 32

5722M

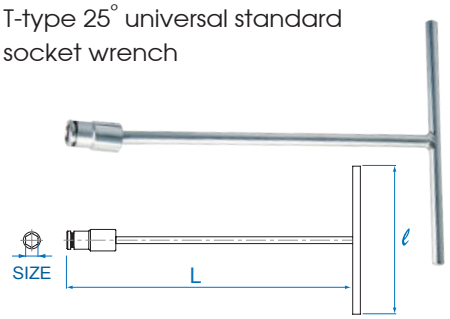
- T-type 25° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm	g	
572210M	10	150	170	400	10 / 60
572212M	12	150	170	400	10 / 60

5742M

- T-type 25° universal standard socket wrench



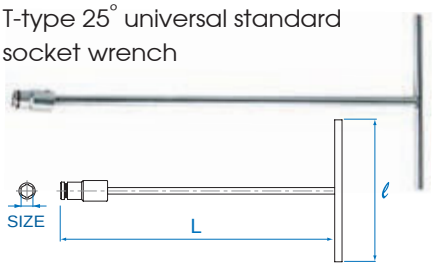
KT NO.	Size mm	ℓ mm	L mm	g	
574208M	8	200	320	328	10 / 40
574210M	10	200	320	330	10 / 40
574212M	12	200	320	332	10 / 40
574213M	13	200	320	333	10 / 40
574214M	14	200	320	335	10 / 40
574217M	17	200	320	340	10 / 40

T-type Standard Socket Wrench

- Chrome vanadium alloy steel
- Chrome plated

5752M

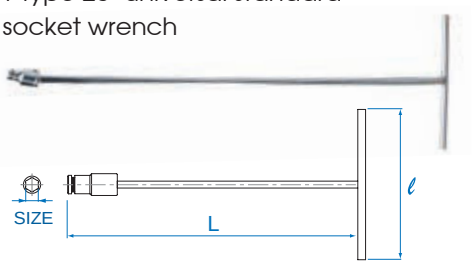
- T-type 25° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm		
575208M	8	200	450	427	10 / 40
575210M	10	200	450	430	10 / 40
575212M	12	200	450	432	10 / 40
575213M	13	200	450	433	10 / 40
575214M	14	200	450	435	10 / 40
575217M	17	200	450	440	10 / 40

5762M

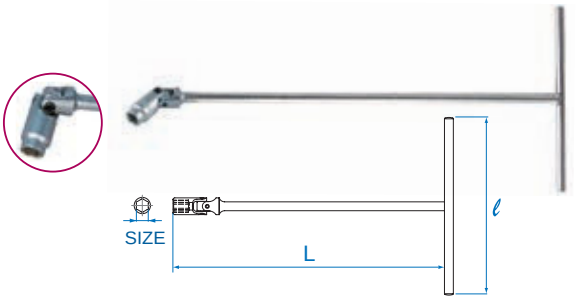
- T-type 25° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm		
576208M	8	200	600	519	10 / 40
576210M	10	200	600	520	10 / 40
576212M	12	200	600	522	10 / 40
576213M	13	200	600	523	10 / 40
576214M	14	200	600	525	10 / 40
576217M	17	200	600	540	10 / 40

5772M

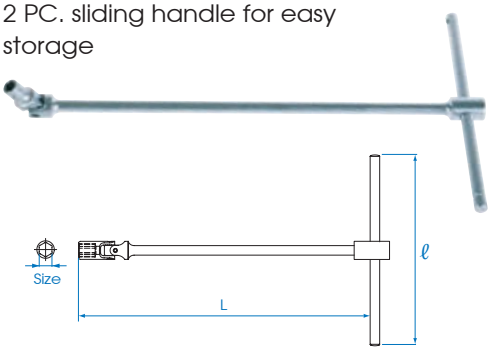
- T-type 90° universal standard socket wrench



KT NO.	Size mm	ℓ mm	L mm		
577208M	8	200	400	425	10 / 40
577210M	10	200	400	425	10 / 40
577212M	12	200	400	425	10 / 40
577213M	13	200	450	425	10 / 40
577214M	14	200	450	425	10 / 40
577217M	17	200	450	425	10 / 40

5774M

- T-type 90° universal standard socket wrench
- 2 PC. sliding handle for easy storage

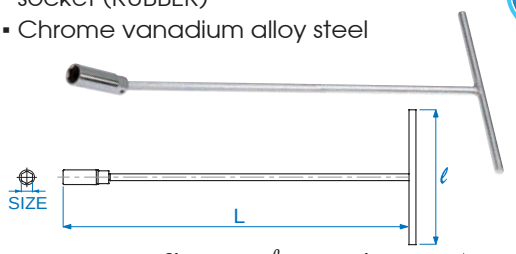


KT NO.	Size mm	ℓ mm	L mm		
577406M	6	200	390	420	10 / 30
577407M	7	200	390	420	10 / 30
577408M	8	200	390	420	10 / 30
577409M	9	200	390	420	10 / 30
577410M	10	200	500	480	10 / 30
577411M	11	200	500	480	10 / 30
577412M	12	200	500	480	10 / 30
577413M	13	200	500	480	10 / 30
577414M	14	200	500	500	10 / 30
577415M	15	200	500	500	10 / 30
577416M	16	200	500	500	10 / 30
577417M	17	200	500	500	10 / 30
577418M	18	200	500	500	10 / 30
577419M	19	200	500	500	10 / 30

T-type Spark Plug Socket

1563

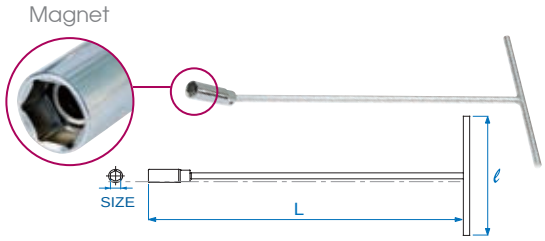
- T-type 25° universal spark plug socket (RUBBER)
- Chrome vanadium alloy steel



KT NO.	Size mm	ℓ mm	L mm	g	pcs/box
15631612	16	200	300	363	10 / 40
15631615	16	200	385	400	10 / 40
15631618	16	200	460	450	10 / 40
15631818	18	200	460	450	10 / 40
15632112	21	200	300	388	10 / 40
15632115	21	200	385	438	10 / 40
15632118	21	200	460	488	10 / 40

1566

- T-type 25° universal spark plug socket with magnet
- Chrome vanadium alloy steel

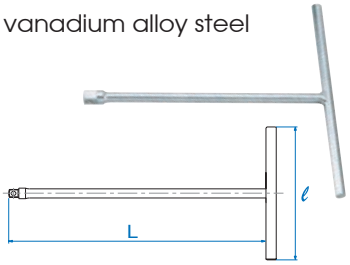


KT NO.	Size mm	ℓ mm	L mm	g	pcs/box
15661612	16	200	300	400	10 / 40
15661615	16	200	385	420	10 / 40
15661618	16	200	460	460	10 / 40
15661818	18	200	460	450	10 / 40
15662112	21	200	300	420	10 / 40
15662115	21	200	385	460	10 / 40
15662118	21	200	460	510	10 / 40

T-shaped Driver

3511 3/8"

- Chrome vanadium alloy steel

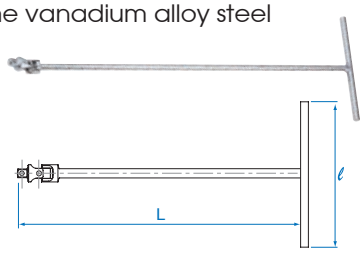


KT NO.	ℓ mm	L mm	g	pcs/box
3511-06	170	268	325	5 / 30
3511-10	250	268	386	6 / 30

T-shaped Driver

3795 3/8"

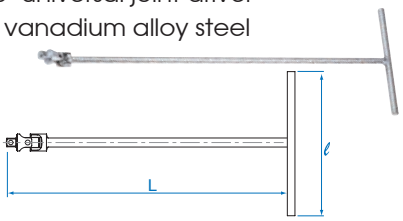
- T-type 90° universal joint driver
- Chrome vanadium alloy steel



KT NO.	ℓ mm	L mm	g	pcs/box
3795-15	200	375	375	10 / 40
3795-18	200	455	425	10 / 40
3795-24	200	600	500	10 / 40
3795-30	200	750	600	10 / 30

4795 1/2"

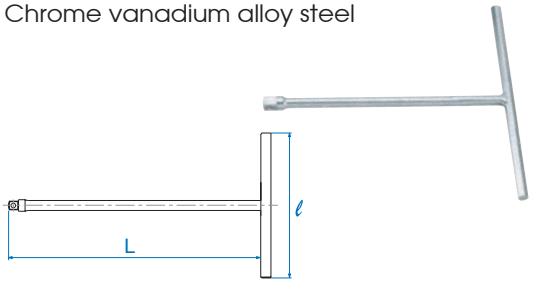
- T-type 90° universal joint driver
- Chrome vanadium alloy steel



KT NO.	ℓ mm	L mm	g	pcs/box
4795-18	200	460	567	10 / 30
4795-24	200	600	700	10 / 30
4795-30	200	750	850	10 / 20
4795-36	200	900	1000	10 / 20

4511 1/2"

- Chrome vanadium alloy steel



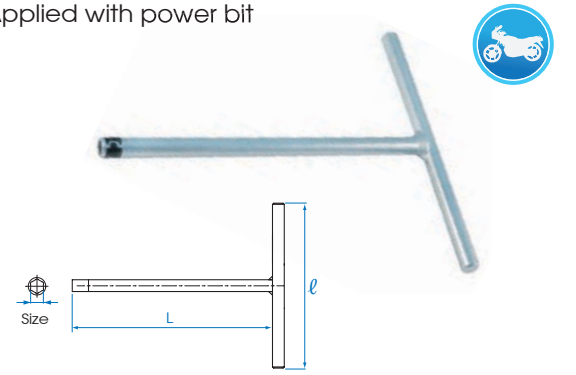
KT NO.	ℓ mm	L mm	g	pcs/box
4511-06	170	268	400	5 / 30
4511-10	250	268	468	6 / 30

T-shaped Driver

- Chrome vanadium alloy steel
- Chrome plated

21A107

- Applied with power bit

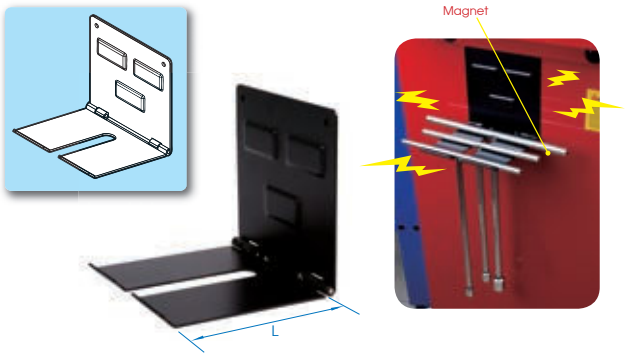


KT NO.	Size inch	ℓ mm	L mm	g	
21A107	1/4	150	175	194	10 / 60

T-type Wrench Hanger

9TE21

- Easily collect and organize different sizes of T-type wrenches at the same time
- The front square board is foldable to save space
- Suitable for trolleys, worktable & the other necessary working places
- There are 3 square neodymium magnets behind panel, maximum 5 kgs can be loaded (The magnetic side should be totally attached)



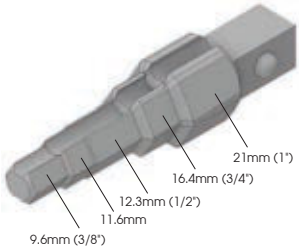
KT NO.	L mm	Capacity kg	Capacity lbs	g	
9TE21	120	5	11	533	1 / 45

Stepped Ratchet Radiator key Set

7HA03

- Suitable for installation and removal of most radiator valves and tank connectors
- Key has fittings from small to large, stepped along the length of the key, for different internal hexagon and internal lug valve sizes
- 1/2"DR. ratchet makes installations quickly and easily
- 4724-11G can be used as general ratchet
- 4724-11G 11° gear action degree (32 teeth), DIN 3122





Hexagon A/F





Contents		0.74	1 / 24
4724-11G			
7HA11	3/8", 1/2", 3/4", 1"		
4724-01			

Notes

PLIERS

- Pliers
- Circlip Pliers
- Insulated Pliers
- Grip Pliers
- Wire Twisting Pliers

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)

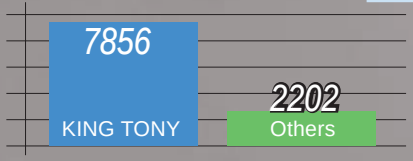


King Tony Brand:
Wore down 0.19mm
(good)



Other Brand:
Wore down 0.33mm
(not good)

E ed other brands 356%



KING TONY combination pliers are sharp and triple of its life for cutting than others.


KING TONY

CUTTING EDGES TECHNICAL BASICS

CUTTING EDGE SHAPES



With bevel
(outside bevel)





With very small bevel
(outside bevel)



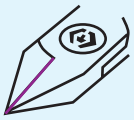


With small bevel
(outside bevel)





Without bevel
(outside bevel)



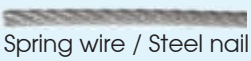
WIRE CLASSES

Soft wire



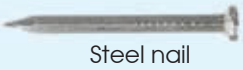
Copper / Aluminium

Hard wire



Spring wire / Steel nail

Medium hard wire



Steel nail

Piano wire



Hardend spring steel

TECHNICAL BASICS

Thin
serrated



Coarse
serrated



With opening
spring



JAWS TYPES

Round jaws



Half-round jaws



Flat & point jaws



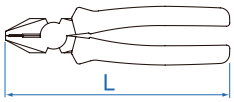
Combination Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6111

- European type
- Polished head
- DIN ISO 5746







6111



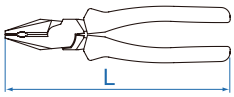
6111C

KT NO.	L inch	L mm	Cutting capacities ⊙ ø mm	Cutting capacities ◉ ø mm	Cutting capacities ◉ ø mm	● ø mm	g	
6111-06	6-1/2	163	4.0	2.8	1.8	1.6	217	8 / 96
6111-07	7-1/2	188	4.0	3.0	2.0	1.6	292	8 / 48
6111-08	8-1/4	213	4.0	3.0	2.0	1.6	399	8 / 48
6111-07C	7-1/2	188	4.0	3.0	2.0	1.6	260	8 / 48
6111-08C	8-1/4	213	4.0	3.0	2.0	1.6	340	8 / 48

6112

- Hi-leverage type
- Polished head







6112



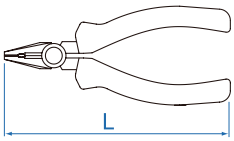
6112C

KT NO.	L inch	L mm	Cutting capacities ⊙ ø mm	Cutting capacities ◉ ø mm	Cutting capacities ◉ ø mm	● ø mm	g	
6112-09	9	225	4.0	3.0	2.2	2.0	348	6 / 60
6112-09C	9	225	4.0	3.0	2.2	2.0	359	6 / 60

6114

- Mini type
- DIN ISO 5746







KT NO.	L inch	L mm	Cutting capacities ⊙ ø mm	Cutting capacities ◉ ø mm	g	
6114-05	5	122	3.0	2.0	85	8 / 160

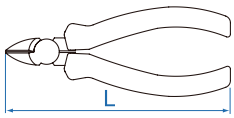
Diagonal Cutting Nippers

- Grip material - PP + TPR
- Polished heads

6211

- European type
- DIN 5749







KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	Cutting capacities ø mm	ø mm	g	
6211-06	6-1/2	163	4.0	2.8	2.0	1.6	194	8 / 96

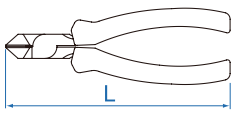
Diagonal Cutting Nippers

- Grip material - PP + TPR
- Polished heads

6213

- Japanese type





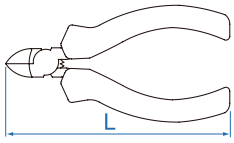


KT NO.	L inch	L mm	Cutting capacities ø mm	Wire stripper mm	g	
6213-06	6-1/2	163	1.25	1.4 / 1.6	179	8 / 96

6214

- Mini type





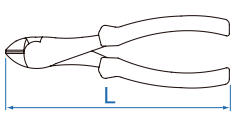


KT NO.	L inch	L mm	Ø Max. mm ø mm	g	
6214-45	4-1/2	115	0.6	84	8 / 160
6214-05	5	127	1.25	94	8 / 160

6231

- Heavy duty type
- DIN ISO 5749







6231-07



6231-08

KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	Cutting capacities ø mm	ø mm	g	
6231-07	7-1/2	188	4.0	3.0	2.2	2.0	240	8 / 80
6231-08	8	200	5.0	3.5	2.2	2.0	312	8 / 80

Plastic Pliers

CAUTION

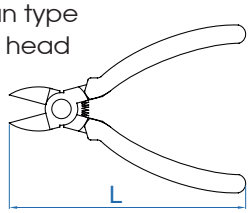
- In order to get normal life of pliers, do not cut steel wire.

- Grip material - PP + TPR / item no. with "C" is made of PVC

6921

- European type
- Polished head






6921


6921C

KT NO.	L inch	L mm		
6921-05	5	132	98	6 / 120
6921-06	6	155	238	6 / 72
6921-07	7	178	276	6 / 60
6921-05C	5	132	89	6 / 120
6921-06C	6	155	132	8 / 96
6921-07C	7	178	170	6 / 60

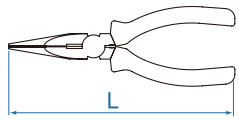
Long Nose Pliers

- Grip material - PP + TPR

6311

- European type
- DIN ISO 5745





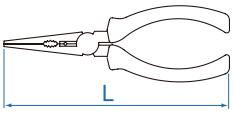


KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm	ø mm		
6311-06	6-1/2	164	4.0	2.8	1.8	1.6	147	10 / 120
6311-08	8	200	4.0	3.0	2.0	1.6	219	8 / 80

6313

- Japanese type
- DIN ISO 5745





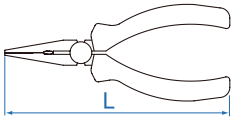


KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm	ø mm		
6313-06	6-1/2	169	4.0	2.8	1.8	1.6	145	10 / 120

6314

- Mini type
- DIN ISO 5745







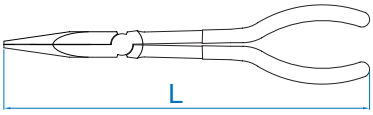
KT NO.	L inch	L mm	Cutting capacities ø mm	ø mm	ø mm		
6314-05	5-1/2	140	3.0	2.0	1.6	100	8 / 160

Extra Long Nose Pliers

• Grip material - PVC

6319-11C

▪ Slim jaws design for gripping components in recessed areas





KT NO.	L inch	L mm		
6319-11C	11	280	317	6 / 48

Double Joint Nose Pliers

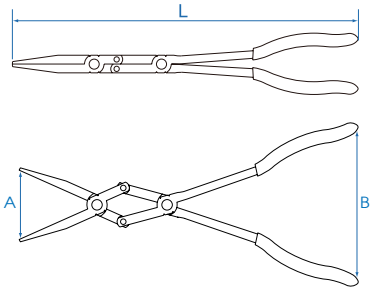
• Grip material - PVC

6329-13C

▪ Double joint and slim profile, for working a greater width in a narrow space, even single-handed
▪ Serrated nose for good grip





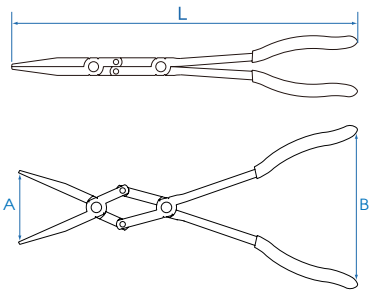




KT NO.	L inch	L mm	A Up on jaw capacity (mm)	B Grip width (mm)		
6329-13C	13	340	50	110	365	5 / 40

6339-13C

▪ Double joint and slim profile, for working a greater width in a narrow space, even single-handed
▪ Serrated nose for good grip







KT NO.	L inch	L mm	A Up on jaw capacity (mm)	B Grip width (mm)		
6339-13C	13	335	50	110	365	5 / 40

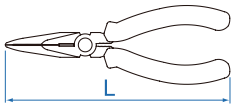
Bent Nose Pliers

• Grip material - PP + TPR

6331

▪ European type
▪ DIN ISO 5745





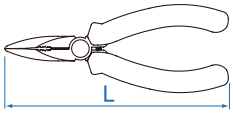


KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	Cutting capacities ø mm	ø mm	g	
6331-06	6-1/2	163	4.0	2.8	1.8	1.6	149	10 / 120
6331-08	8	200	4.0	3.0	2.0	1.6	220	8 / 80

6334

▪ Mini type
▪ DIN ISO 5745







KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	g	
6334-05	5	127	3.0	2.0	1.6	102	8 / 160

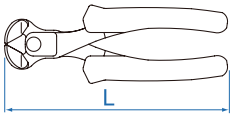
End Cutting Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6411

▪ European type
▪ DIN ISO 5748





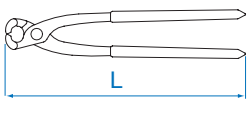


KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	Cutting capacities ø mm	ø mm	g	
6411-06	6-1/2	163	4.0	3.0	1.6	1.6	268	8 / 96

6431

▪ European type
▪ DIN ISO 9242







KT NO.	L inch	L mm	Cutting capacities ø mm	Cutting capacities ø mm	g	
6431-10C	10	254	2.0	1.6	445	6 / 48
6431-11C	11	278	2.2	1.8	510	6 / 48

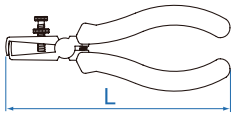
Stripping Pliers

• Grip material - PP + TPR

6711

▪ With spring and adjusting screw







KT NO.	L inch	L mm	ø mm	Wire stripper mm²	g	
6711-06	6	155	5	10	191	8 / 96

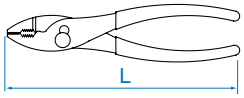
Slip Joint Pliers

• Grip material - PVC

6463

▪ 2 positions adjustment
▪ Serrate jaws







KT NO.	L inch	L mm	g	
6463-08C	8	210	290	8 / 80

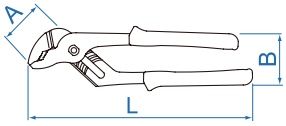
Groove Joint Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6511

▪ 7 positions opening
▪ DIN ISO 8976







6511-10



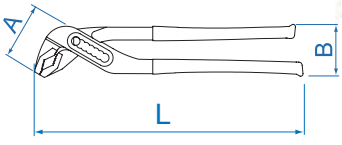
6511C

KT NO.	L inch	L mm	mm	A mm	B mm	g	
6511-10	10	253	50	33	50	447	6 / 48
6511-10C	10	253	50	33	50	400	6 / 48
6511-13C	13	325	65	43	50	808	2 / 16
6511-17C	17	425	100	58	55	1150	2 / 12

6516

▪ German type
▪ 7 positions opening
▪ DIN ISO 8976







6516-10



6516C

KT NO.	L inch	L mm	mm	A mm	B mm	g	
6516-10	10	253	36	58	61	386	6 / 48
6516-10C	10	253	36	58	61	300	8 / 64

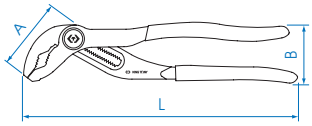
Groove Joint Pliers

• Grip material - PVC

6517

- Quick lock
- Grip material-PVC
- DIN ISO 8976









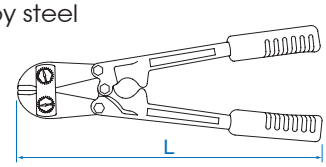
KT NO.	L inch	L mm	mm	A mm	B mm	g	
6517-08C	8	200	40	54	44	190	10 / 40
6517-10C	10	250	60	68	56	360	6 / 48
6517-12C	12	310	70	89	73	540	5 / 40

Bolt Cutter

6131

GS / TUV

- Chrome vanadium alloy steel
- Center cut





KT NO.	L inch	L mm	Cutting capacity HRC 15°(ø mm)	Cutting capacity HRC 35°(ø mm)	kg	
6131-12	12	300	ø5	ø4	0.76	1 / 20
6131-14	14	350	ø7	ø5	1.00	1 / 20
6131-18	18	450	ø8	ø6	1.51	1 / 12
6131-24	24	600	ø10	ø8	2.35	1 / 10
6131-30	30	750	ø13	ø10	3.75	1 / 6
6131-36	36	900	ø16	ø11	5.50	1 / 5
6131-42	42	1050	ø18	ø13	8.56	1 / 3

6131P01

- Spare blade for 6131
- Center cut



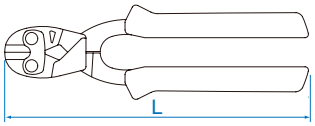
KT NO.	Overall length mm	Cutting capacity HRC 15°(ø mm)	Cutting capacity HRC 35°(ø mm)	kg	
6131-12P01	95 x 57	ø5	ø4	0.26	1 / 40
6131-14P01	110 x 65	ø7	ø5	0.40	1 / 40
6131-18P01	125 x 72	ø8	ø6	0.85	1 / 20
6131-24P01	150 x 86	ø10	ø8	0.87	1 / 20
6131-30P01	170 x 97	ø13	ø10	1.25	1 / 10
6131-36P01	190 x 112	ø16	ø11	1.85	1 / 10
6131-42P01	205 x 122	ø18	ø13	3.10	1 / 5

Compact Bolt Cutter

6133 new

- Heavy duty type
- DIN ISO 5749
- Center cut







KT NO.	L inch	L mm	ø mm	Cutting capacities ø mm	ø mm	ø mm		
6133-08	8	200	6.0	5.0	4.0	3.5	399.6	8 / 48

Circlip Pliers

- Design of hidden spring
- High strength of tip
- Straight and angled pattern
- DIN 5254 & DIN 5256





Internal type



External type









66HS

66HB

66SS

66SB

KT NO.	Tips	Overall length inch	Overall length mm	Ø-tips	Capacity Ø mm		
66HS-07		7	188	1.8	19~60	176	8 / 48
66HB-07		7	175	1.8	19~60	176	8 / 48
66SS-07		7	188	1.8	19~60	195	8 / 48
66SB-07		7	175	1.8	19~60	195	8 / 48

Circlip Pliers

- For internal retaining rings
- Straight and angled pattern
- DIN 5254 & DIN 5256

Japanese type

European type





Internal type

67HS | 67HB | 68HS | 68HB

KT NO.	Tips	Overall length inch	Overall length mm	Ø-tips	Capacity Ø mm		
67HS-07		7	180	1.8	19~60	130	12 / 144
67HB-07		7	180	1.8	19~60	130	12 / 144
68HS-05		5	125	1.3	12~28	97	10 / 80
68HS-07		7	180	1.8	19~60	130	12 / 144
68HS-10		10	250	2.3	40~100	291	8 / 64
68HB-05		5	125	1.3	12~28	94	10 / 80
68HB-07		6-3/4	170	1.8	19~60	130	12 / 144
68HB-10		9-1/2	241	2.3	40~100	291	6 / 48

- For external retaining rings
- Straight and angled pattern
- DIN 5254 & DIN 5256

Japanese type

European type





External type

67SS | 67SB | 68SS | 68SB

KT NO.	Tips	Overall length inch	Overall length mm	Ø-tips	Capacity Ø mm		
67SS-07		7	180	1.8	19~60	130	12 / 144
67SB-07		7	180	1.8	19~60	130	12 / 144
68SS-05		5	125	1.3	12~28	101	10 / 80
68SS-07		7	180	1.8	19~60	130	12 / 144
68SS-10		10	250	2.3	40~100	291	8 / 64
68SB-05		5	125	1.3	12~28	101	10 / 80
68SB-07		6-3/4	170	1.8	19~60	130	12 / 144
68SB-10		9-1/2	241	2.3	40~100	291	6 / 48

Pliers Set

• Pouch material : Nylon

42104GP

Contents | 1.17 kg | 1 / 18



6111-06 | 6211-06 | 6311-08 | 6511-10

42104GP01

Contents | 1.17 kg | 1 / 18



6111-06 | 6211-06 | 6311-08 | 6516-10C

42124GP

Contents | 1.48 kg | 1 / 18



6111-08 | 6311-08 | 6231-08 | 6511-10C

42124GP01

Contents | 1.48 kg | 1 / 18



6111-08 | 6311-08 | 6231-08 | 6516-10C

Circlip Pliers Set

42114GP

Contents | 0.62 kg | 1 / 32



68HS-07 | 68SS-07 | 68HB-07 | 68SB-07

42154GP new

Contents | 0.84 kg | 1 / 32



66HS-07 | 66SB-07 | 66HB-07 | 66SS-07

42116GP

Contents | 1.33 kg | 1 / 18



68HS-07 | 68HB-07 | 68HS-10 | 68SS-07 | 68SB-07 | 68SS-10

Display Stand for PVC Pliers

87116 new

- Capacity: 12 PC.
- Size: 243 x 205 x 200 mm
- Suitable for displaying PVC grip pliers



42104GP



42104GP01



42124GP



42124GP01



42114GP



42154GP



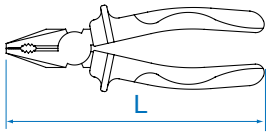
42116GP



Combination Pliers

- Grip material-TPR
- Polished head
- Chrome vanadium steel
- IEC DIN EN 60900

6116

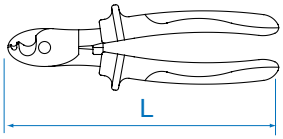





KT NO.	L inch	L mm	Cutting capacities ⊙ ø mm	Cutting capacities ◉ ø mm	Cutting capacities ◉ ø mm	● ø mm	g	
6116-07A	7-1/2	185	4.0	3.0	2.0	1.6	290	10 / 60
6116-08A	8	200	4.0	3.0	2.0	1.6	386	10 / 60

Cable Cutting Pliers

6146

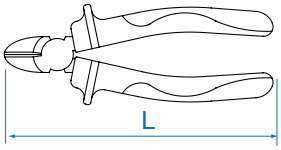





KT NO.	L inch	L mm	ø mm	g	
6146-08A	8-1/4	214	14	360	10 / 60

Diagonal Cutting Pliers

6216

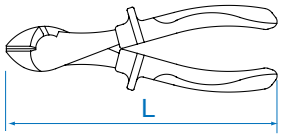





KT NO.	L inch	L mm	Cutting capacities ⊙ ø mm	Cutting capacities ◉ ø mm	Cutting capacities ◉ ø mm	● ø mm	g	
6216-06A	6-1/2	167	4.0	2.8	2.0	1.6	230	10 / 60

Heavy Duty Diagonal Cutting Pliers

6236

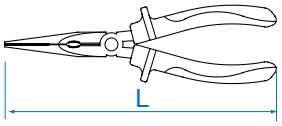





KT NO.	L inch	L mm	Cutting capacities ⊙ ø mm	Cutting capacities ◉ ø mm	Cutting capacities ◉ ø mm	● ø mm	g	
6236-07A	7-1/2	190	5.0	3.5	2.4	2.0	280	10 / 60

Long Nose Pliers

6318



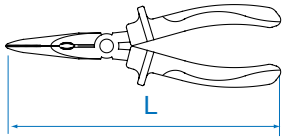
KT NO.	L inch	L mm	Cutting capacities ⊙ ø mm	Cutting capacities ◉ ø mm	Cutting capacities ◉ ø mm	● ø mm	g	
6318-08A	8-1/4	210	4.0	2.8	2.0	1.6	230	10 / 60

Bent Nose Pliers

- Grip material-TPR
- Polished head
- Chrome vanadium steel
- IEC DIN EN 60900

6336







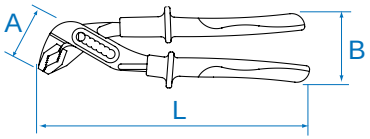
KT NO.	L inch	L mm	⊙ ø mm	Cutting capacities ◉ ø mm	◉ ø mm	● ø mm	g	
6336-08A	8	200	4.0	3.0	2.0	1.6	250	10 / 60

Groove Joint Pliers

- Box joint

6516







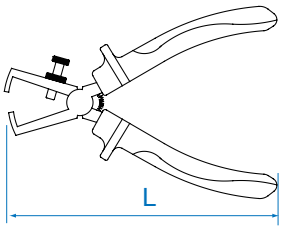
KT NO.	A mm	B mm	L inch	L mm	mm	g	
6516-10A	55	63	10	250	36	420	10 / 50

Stripping Pliers

- With spring

6716







KT NO.	L inch	L mm	ø mm	Wire stripper mm²	g	
6716-06A	6-1/4	160	5	10	205	10 / 60

Insulated Pliers Set

40603GP

Contents

0.89 kg | 1 / 20


6116-07A


6318-08A

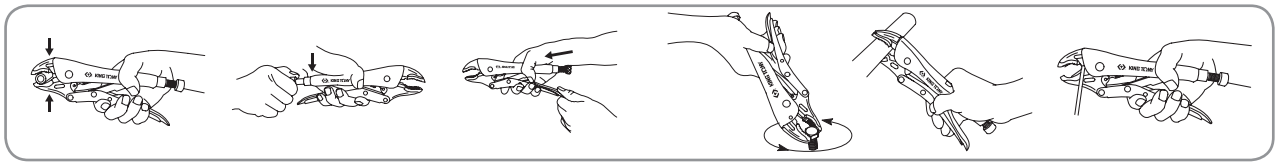

6216-06A



3 PC.

Lock Grip Pliers

• Finishing - option 1 : chrome plated (R)
option 2 : nickel plated (N)



6011

- Curved jaw with wire cutter
- With adjusting screw and release lever
- Jaw width 10mm, length 30mm
- ASME B107.500-2010

MATERIAL - Jaw : Spring alloy steel
Handle : Chrome molybdenum alloy steel





6011R



6011N

KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	pcs / box
6011-05R	5-1/2	140	29	166	6 / 48
6011-07R	7	185	38	367	8 / 32
6011-07N	7	185	38	367	8 / 32
6011-10R	10	254	48	542	8 / 32
6011-10N	10	254	48	542	8 / 32

6012

- V jaw with wire cutter
- With adjusting screw and release lever
- Jaw width 10mm, length 30mm
- ASME B107.500-2010

MATERIAL - Jaw : Chrome molybdenum alloy steel
Handle : Chrome molybdenum alloy steel





KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	pcs / box
6012-07N	7	175	33	385	8 / 32
6012-10N	10	254	45	581	8 / 32

6031

- Straight jaw
- With adjusting screw and release lever
- Jaw width 10mm, length 30mm
- ASME B107.500-2010

MATERIAL - Jaw : Spring alloy steel
Handle : Chrome molybdenum alloy steel





6031R



6031N

KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	pcs / box
6031-07R	7	185	33	392	8 / 32
6031-07N	7	185	33	392	8 / 32
6031-10R	10	254	45	573	8 / 32
6031-10N	10	254	45	573	8 / 32

Miniature Long Nose Pliers

6315

- ASME B107.500-2010

MATERIAL - Jaw : Spring alloy steel
Handle: Chrome molybdenum alloy steel





KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	
6315-06	6	165	51	205	8 / 80
6315-09	9	221	70	393	6 / 36

Lock Sheet Metal Clamp

6605

- With adjusting screw and release lever
- Makes bending, forming, and crimping sheet metal easier

MATERIAL - Chrome molybdenum alloy steel





KT NO.	Overall length inch	Overall length mm	Jaw capacity mm	g	
6605-08	8	206	13	455	1 / 18

Locking Chain Clamp

6655

- Chain can hold around any shape or size
- Convenient for awkward shaped pieces
- With adjusting screw and release lever

MATERIAL - Handle: Chrome molybdenum alloy steel





KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
6655-09	9	225	Ø 60~140	733	1 / 18

Locking Welding Clamp

6665

- U-shaped jaws allow enhanced visibility and more working space
- Holds work in proper alignment
- For use in welding or holding awkward shapes in place

MATERIAL - Chrome molybdenum alloy steel





KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
6665-09	9	230	43	625	1 / 18

C-clamp Grip Pliers

6615

MATERIAL -
Jaw : Chrome vanadium alloy steel
Handle: Chrome molybdenum alloy steel




6615-06


6615-11


6615-18

KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
6615-06	6-3/4	170	50	230	6 / 72
6615-11	11	280	100	790	1 / 20
6615-18	18	456	200	1136	1 / 10

6625

- C-clamp grip pliers with moving jaw

MATERIAL -
Jaw : Chrome vanadium alloy steel
Handle: Chrome molybdenum alloy steel




6625-06


6625-11


6625-18

KT NO.	Overall length inch	Overall length mm	Capacity mm	g	
6625-06	7	175	54	250	6 / 72
6625-11	11	280	96	840	1 / 20
6625-18	18-1/2	457	200	1220	1 / 10

Wire Twisting Pliers

6121

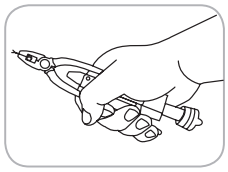
6122

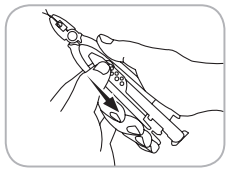
- Simple pull action twisting wires into a tight uniform fastener
- Material: Chrome vanadium alloy steel
- Twist wire up to 0.04 inch

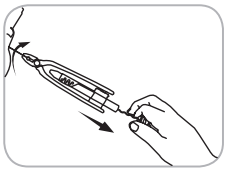

6121

Reversible


6122

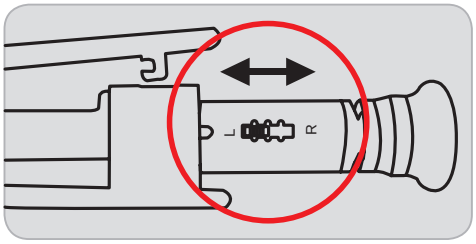

• Grip wire and pull down the bar


• Pull the lock


• Pull the knob




(Only 6122)



• Left turn (counterclockwise):
Reversible if mistake happened switch button to "L" then pull the bar to twist counterclockwise

KT NO.	Type	g	
6121-06X	wire twisting pliers 6"	250	12 / 48
6121-09X	wire twisting pliers 9"	380	10 / 50
6122-06X	reversible wire twisting pliers 6"	337	10 / 40
6122-09X	reversible wire twisting pliers 9"	450	10 / 30

PIPE TOOLS

- Pipe / Tube Cutting
- Pipe Wrench
- Flaring / Swaging
- Bending
- Stepped Ratchet Radiator key Set
- A/C & Refrigeration Service Tools & Set




KING TONY
PATENTED

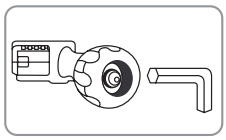
Ratchet Tubing Cutter

- Cuts without having to rotate tool completely around tubing
- Ratchet mechanism allows for tight area operation
- Cuts through some of the toughest surfaces: stainless steel, wall conduit, copper and aluminum
- Exclusive one hand operation, limited risks of hand-fatigue and injuries

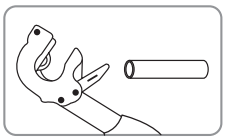
7912-21



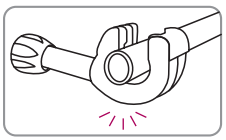
- Comes with spare blade.
- Provided with foldable reamer.



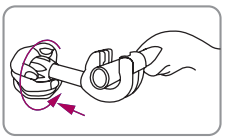
- Use standard hex key to remove back-up blade located in the handle base.



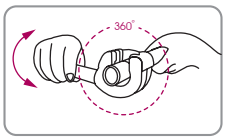
- Deploy foldable reamer provided to smoothen sharp edges. (only 7912-22)



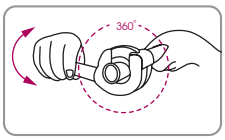
1. Place tube securely between cutter jaws.



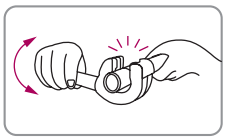
2. Rotate clock-wise to tighten jaw grip.



3. Pull knob out, down & release in a single action to start cutting procedure.



4. Repeat "Up & Down" action until open face up.



5. Tighten tool around the tube when needed. Repeat each actions until tube is cut.

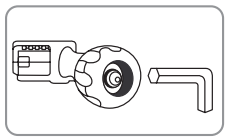
7912-22



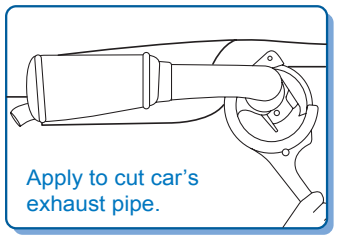
KT NO.	Capacity ø mm	Max. cutting thickness (mm) Stainless	Other	Remark	g	
7912-21	8-28	2	3.0	spare blade	389	1 / 40
7912-22	12-35	2	3.0	spare blade / reamer	452	1 / 40

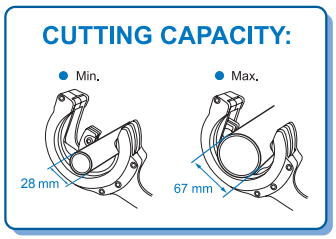
7912-23

- Comes with spare blade.
- Apply to cut car's exhaust pipe.

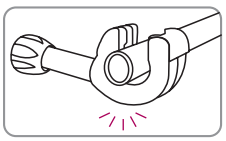


- Use standard hex key to remove back-up blade located in the handle base.

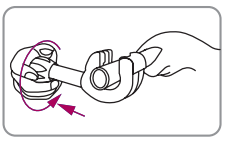




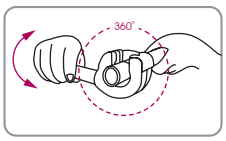




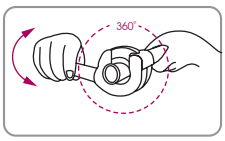
1. Place tube securely between cutter jaws.



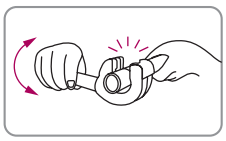
2. Rotate clock-wise to tighten jaw grip.



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) Stainless	Other	Remark	g	
7912-23	28-67	2	3.0	spare blade	1122.6	1 / 10

Mini Tube Cutter

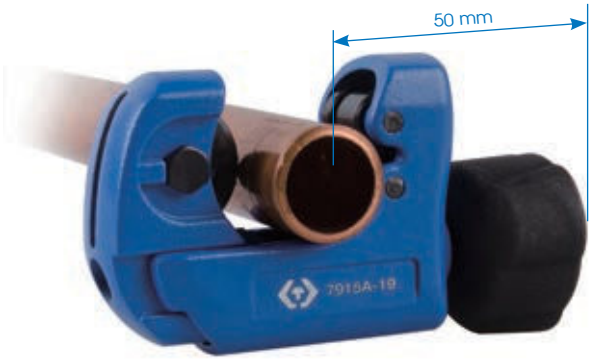




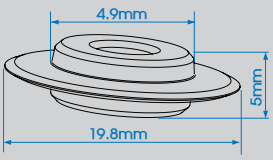


7915A-19

- For copper, brass, aluminum pipes
- Specifically design for using in restricted place
- With two guide rollers
- Full-stop feed system prevents wheels and rollers from coming into contact
- Ergonomic handle design for comfortable operation
- Quick adjustment and easy to change the cutting wheel



• Cutting wheel

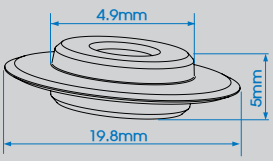



7914A-0111 13 25 / 250

KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm		
7915A-19	1/8~3/4	3~19	1.2	2-1/2	62	152	10 / 100

7915A-28

• Cutting wheel

7914A-0111 13 25 / 250



KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm		
7915A-28	1/8~1-1/8	3~28	1.2	2-3/4	70	205	10 / 100

Tube Cutter for Copper

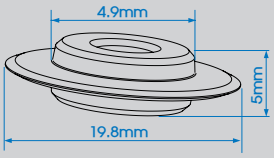
7914A-35

- For copper, brass, aluminum pipes
- Ergonomic handle design for comfortable operation
- Includes one piece spare cutting wheel
- With four guide rollers
- Full-stop feed system prevents wheels and rollers from coming into contact
- Quick adjustment and easy to change the cutting wheel



• Cutting wheel





7914A-0111 13 25 / 250







KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm		
7914A-35	1/8~1-3/8	3~35	1.2	5-1/2	140	370	10 / 60

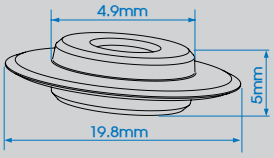
7914B-45

- For copper, brass, aluminum pipes
- Ergonomic handle design for comfortable operation
- Includes one piece spare cutting wheel & retractable deburring tool
- With four guide rollers
- Full-stop feed system prevents wheels and rollers from coming into contact
- Quick adjustment and easy to change the cutting wheel



• Cutting wheel





7914A-0111 13 25 / 250

• Replacement blade for deburring



7914B-4521 3 1 / 500





KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm		
7914B-45	1/8~1-3/4	3~45	1.2	6-3/4	172	568	6 / 36

Tube Cutter for Copper

7914C-70

- For copper, brass, aluminum pipes
- Ergonomic handle design for comfortable operation
- Includes one piece spare cutting wheel & retractable deburring tool
- With four guide rollers
- Full-stop feed system prevents wheels and rollers from coming into contact
- Quick adjustment and easy to change the cutting wheel





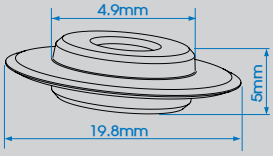


- The ratchet telescopic guide with automatic spring-driven release for adjust quickly.



- Cutting wheel





7914A-0111 13 25 / 250

- Replacement blade for deburring
- For steel metal pipes and profiles



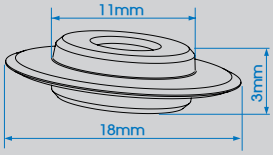
7914C-7021 17 1 / 300

KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm	g	
7914C-70	1/4~2-3/4	6~70	1.2	8-3/4	222	802	4 / 24

7915-30

- Cutting wheel





7915-3011 10 25 / 250



KT NO.	inch	mm	max. (mm)	Overall length inch	Overall length mm	g	
7915-30	1/8~1-1/8	3~30	1.2	5-1/2	140	231	1 / 20

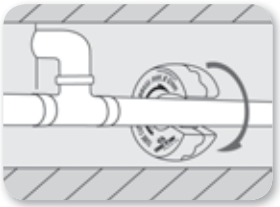
Tube Cutter for Copper

7916M

- For copper pipes
- Easy to use in restricted space
- Self-alignment for adjustment



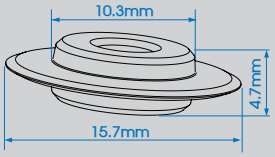




• Ideal for hard to reach places

• Cutting wheel (For 12M, 15M, 21M, 22M)





7916-0111 | 11 | 25 / 250

KT NO.	mm	max. (mm)	Overall length mm	g	
7916-12M	12	1.2	52	176	10 / 100
7916-15M	15	1.2	56	207	10 / 100
7916-21M	21	1.2	68	248	10 / 60
7916-22M	22	1.2	68	248	10 / 60

Tube Cutter for Steel

7918

- For steel pipes
- Strong cast housing
- Extra-long shank provides for quick & easy adjustment
- Possible for large pipe sizes
- Perfectly balanced





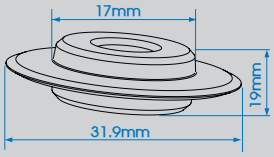
7918-50



7918-A0

• Cutting wheel (For 7918-50)

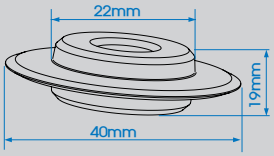




7918-5011 | 39 | 1 / 200

• Cutting wheel (For 7918-A0)





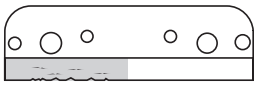
7918-A011 | 66 | 1 / 200

KT NO.	inch	mm	max. (mm)	Overall length mm	g	
7918-50	1/8~2	10~60	3	450	2215	1 / 8
7918-A0	1-1/4~4	43~114	3	900	5020	1 / 4

Tube Cutter for Soft Plastic Pipe

7913B-35

- For PVC, PP, PE, PEX, PB
- For soft plastic pipe
- Aluminum body
- One-hand operation
- Burr-free cutting
- Reversible blade





- Tube cutter for soft plastic pipe wheel
- Capacity Ø3~35



7913B-3511 36 1 / 100



KT NO.	inch	mm	Overall length inch	Overall length mm		
7913B-35	1/8~1-3/8	3~35	8-1/4	211	215	20 / 60

Ratchet Tubing Cutter

7913

- For PVC, PP, PE, PEX, PB pipes
- Ratchet design for quick cutting





- For 7913-42



7913-4211 60 10 / 200

KT NO.	inch	mm	Overall length inch	Overall length mm		
7913-42	1/2~1-5/8	6~42	8	201	360	10 / 50

2-in-1 Ratchet Tubing Cutter

7913A-63

- Easy one-hand operation
- Cut into thick pipe and thin pipe
- Easily apply for max. 63 O.D.
- Comfortable TPR handle
- For unitary material tube: PE, PP, PVDF, PB, PVC or similar tube
- Advanced tool steel blade and aluminum body



- 2-in-1 ratchet tubing cutting wheel
- Capacity Ø6~63



7913A-6311

190 | 1 / 100







KT NO.	inch	mm	Overall length inch	Overall length mm		
7913A-63	1/4~2-1/2	6~63	11-1/2	293	802	6 / 24

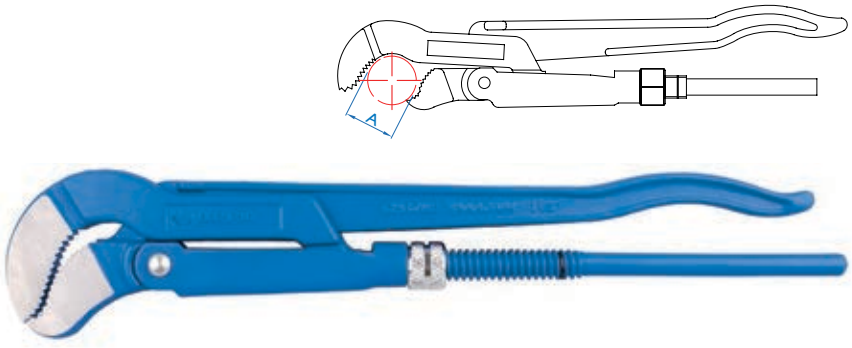


"S" Pipe Wrench

6521

- For nuts, bolts, flat material
- A non-detachable adjusting nut with round thread ensures a wide adjustment
- For working in confined space



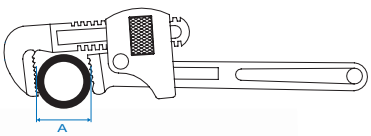


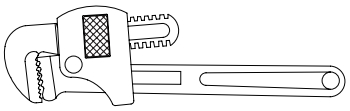
KT NO.	A mm	Size inch	Overall length inch	Overall length mm	g	
6521-09	13	1/2	9-1/4	235	415	1 / 20
6521-13	25	1	13	330	791	1 / 20
6521-16	38	1-1/2	16-1/2	420	1450	1 / 12
6521-21	51	2	21	535	2404	1 / 6
6521-26	76	3	25-5/8	652	5030	1 / 2

Pipe Wrench

6531

- Professional stillson type
- High quality steel







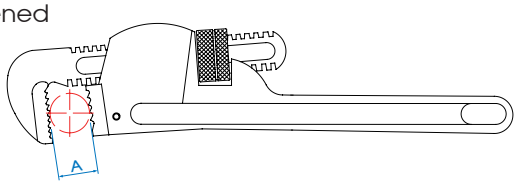
KT NO.	A inch	A mm	Overall length inch	Overall length mm	g	
6531-10	1-3/16	34	10	231	600	1 / 24
6531-12	1-9/16	42	12	271	780	1 / 24
6531-14	1-7/8	48	14	315	1050	1 / 12
6531-18	2-3/8	60	18	407	1720	1 / 12
6531-24	2-15/16	75	24	539	3150	1 / 6
6531-36	4	102	36	825	6280	1 / 2
6531-48	5-1/2	140	48	1034	9750	1 / 2

Pipe Wrenches

6532

- Extra heavy type
- Forged parts tempered
- Teeth offset against direction of rotation and induction-hardened





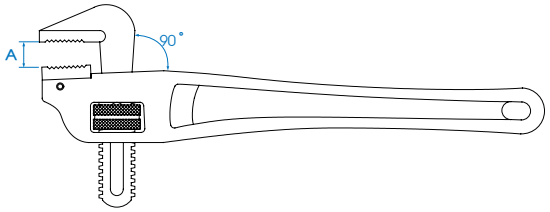
KT NO.	A mm	Overall length inch	Overall length mm	g	
6532-08	25	8	185	380	1 / 40
6532-10	30	10	245	700	1 / 20
6532-12	40	12	275	1050	1 / 20
6532-14	50	14	315	1340	1 / 12
6532-18	60	18	400	1960	1 / 12
6532-24	75	24	525	3640	1/ 6
6532-36	90	36	720	6300	1 / 2
6532-48	110	48	1030	9100	1 / 2

"Aluminum" Offset Pipe Wrench 90°

6541L

- Suitable for walls and floors, ceilings and other places beside the pipe work



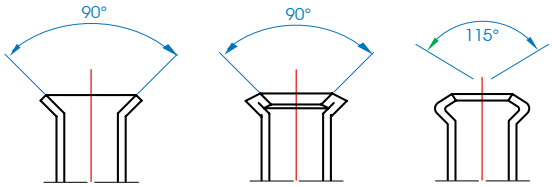


KT NO.	A mm	Overall length inch	Overall length mm	g	
6541-14L	60	14	356	856	1 / 20
6541-18L	76	18	457	1486	1 / 10

45° Flaring Tool Set

7CA0110S

- For producing precision 45° single flares on copper, brass, aluminium pipes up to 1 mm wall thickness
- Suitable for pipes in refrigeration, air conditioning



KT NO.	Contents	1.68 kg / 1 / 12
7915-30		3-30 mm 1/8~1-1/8"
7CA22P20S		3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"
7CA22P01		
Adapter for expander		3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"



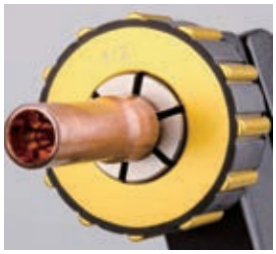
10 PC.

Swaging Set

7CA0309S

- For copper, aluminium pipe
- 8 expander heads sizes
- 6 mandrels design per each expander head is for swaging evenly, and providing accurate guiding force transmission
- For copper, brass, aluminium pipes up to 1.2 mm wall thickness

KT NO.	Contents	2.73 kg / 1 / 5
7CA23-14		
7CA23-A08S		1/4"
7CA23-A12S		3/8"
7CA23-A16S		1/2"
7CA23-A20S		5/8"
7CA23-A24S		3/4"
7CA23-A28S		7/8"
7CA23-A32S		1"
7CA23-A36S		1-1/8"





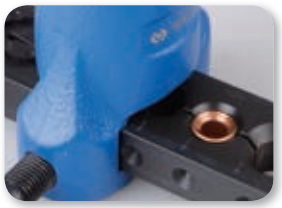


9 PC.

Flaring Tool

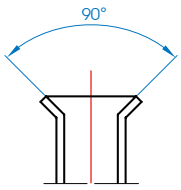
7CA21-24S

- Specifical design for smooth flares
- 45° flaring tool on copper pipes
- Designed for high pressure R410A systems





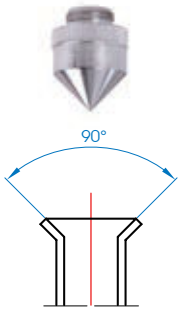




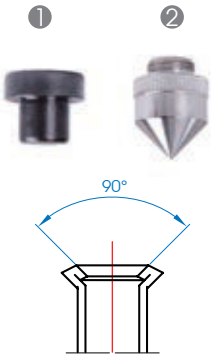


KT NO.	Capacity inch	max. (mm)		
7CA21-24S	1/4, 5/16, 3/8, 1/2, 5/8, 3/4	1.2	1556	1 / 12

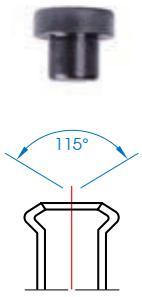
Type of the flares



Single flare



Double flare



Bubble flare

180° Tube Bender

7CA11-08

- Suitable for use in refrigeration and air-conditioning, oil supply, heating installations, floor heating
- For accurate bending up to 180° of pipes made of soft copper, brass, aluminium and precision steel (pipe up to 0.6 mm wall thickness for steel)
- Ø 8 - 16 mm (5/16" – 3/4")
- Bending with the bending radius display and measurement scale









KT NO.	inch	mm	max. inch	max. mm	R(radius) mm	Overall length inch	Overall length mm		
7CA11-08	5/16	8	0.035	0.9	18	9	236	712	1 / 20

7CA11M



7CA11-10M / 7CA11-12S



7CA11-12M / 7CA11-16S



7CA11-15M / 7CA11-16M
7CA11-20S / 7CA11-24S

7CA11S





KT NO.	mm	max. (mm)	R(radius) inch	R(radius) mm	Overall length inch	Overall length mm		
7CA11-10M	10	0.9	15/16	24	13	334	964	1 / 20
7CA11-12M	12	1.2	1-1/2	38	20	493	1833	1 / 12
7CA11-15M	15	1.2	2-1/4	57	30	758	2832	1 / 8
7CA11-16M	16	1.2	2-1/4	57	30	758	2832	1 / 8

KT NO.	inch	max. (inch)	R(radius) inch	R(radius) mm	Overall length inch	Overall length mm		
7CA11-12S	3/8	0.035	15/16	24	13	334	964	1 / 20
7CA11-16S	1/2	0.049	1-1/2	38	20	493	1833	1 / 12
7CA11-20S	5/8	0.049	2-1/4	57	30	758	2832	1 / 6
7CA11-24S	3/4	0.049	3	76	30	758	3330	1 / 6

Stepped Ratchet Radiator key Set

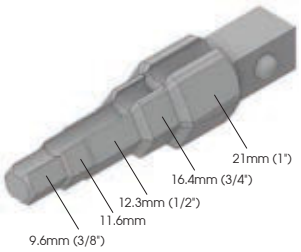
7HA03

- Suitable for installation and removal of most radiator valves and tank connectors
- Key has fittings from small to large, stepped along the length of the key, for different internal hexagon and internal lug valve sizes
- 1/2"DR. ratchet makes installations quickly and easily
- 4724-11G can be used as general ratchet, DIN 3122, 11° gear action degree (32 teeth)









Hexagon A/F

Contents	0.74	1 / 24
4724-11G		
7HA11	3/8", 1/2", 3/4", 1"	
4724-01		

A/C & Refrigeration Service Tools & Set

3411

- Present torque wrench, no adjustment
- Anti-slip open head design
- Offer customize torque setting from your requirement
- Tolerance of torque ±4%





KT NO.	Size mm	Nm	L mm	Pipe Ø	g	
341118-17M	17	18	260	1/4"	480	1 / 40
341142-22M	22	42	260	3/8"	480	1 / 40
341155-26M	26	55	260	1/2"	480	1 / 40
341165-29M	29	65	315	5/8"	570	1 / 20

3411003MR01

4 PC.

Contents	3.29	1 / 5
3411	17 mm x 18 Nm 22 mm x 42 Nm 26 mm x 55 Nm 29 mm x 65 Nm	




KING TONY
Enjoy your work

SCREWDRIVERS & HEX KEY & BITS

- Screwdriver
- Insulated Screwdriver
- Nut Spinner
- Bit
- Ratchet Screwdriver
- Power Driving
- Hex Key
- Bicycle Repair Tool
- L-type & T-type Wrench
- Wing & Flag Handle torx Screwdriver




KING TONY
759-140

Screwdriver

- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated



KT No. & D1

1411

- Phillips head, round shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm		
14110003	PH0	75	3	3.0	27	12 / 240
14110104	PH1	100	4	5.0	40.8	12 / 240
14110214	PH2	38	1-1/2	6.0	30	12 / 144
14110204	PH2	100	4	6.0	70	12 / 96
14110204-E*	PH2	100	4	6.0	84	12 / 96
14110205-E*	PH2	125	5	6.0	114	12 / 144
14110206	PH2	150	6	6.0	82	12 / 144
14110206-E*	PH2	150	6	6.0	96	12 / 144
14110208-E*	PH2	200	8	6.0	137	12 / 144
14110306	PH3	150	6	8.0	126	12 / 144
14110308	PH3	200	8	8.0	146	12 / 144

* Enlarged handle



1412

- Slotted head, round shank
- DIN ISO 2380

KT NO.	mm	inch	mm	mm	inch	mm		
14120303	3.0	1/8	0.5	75	3	3	27	12 / 240
14120404	4.0	5/32	0.8	100	4	4	33.4	12 / 240
14125504	5.5	7/32	0.8	100	4	5	41	12 / 240
14126514	6.5	1/4	1.2	38	1-1/2	6	30	12 / 144
14126504	6.5	1/4	1.2	100	4	6	70	12 / 96
14126504-E*	6.5	1/4	1.2	100	4	6	107	12 / 96
14126506	6.5	1/4	1.2	150	6	6	79.4	12 / 144
14126506-E*	6.5	1/4	1.2	150	6	6	124	12 / 144
14120806	8.0	5/16	1.2	150	6	8	124	12 / 144
14120808	8.0	5/16	1.2	200	8	8	146	12 / 144

* Enlarged handle



2411

- Two-way screwdriver hex shank

KT NO.	No.	mm	mm	mm	inch		
24110204	PH2	7.0	1.2	100	4	89	20 / 240
24110214	PH2	7.0	1.2	38	1-1/2	42	20 /240



24110204



24110214

Screwdriver Set

- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated

35105MR

KT NO.	Contents	0.54 / 1 / 20
35105MR	1411	PH1 x 100, PH2 x 100
	1412	4 x 100, 5.5 x 100, 6.5 x 150

35107MR

KT NO.	Contents	0.72 / 1 / 20
35107MR	1411	PH1 x 100, PH2 x 100, PH3 x 150
	1412	4 x 100, 5.5 x 100, 6.5 x 150, 8 x 150

35116MR01

KT NO.	Contents	0.65 / 1 / 20
35116MR01	1411	PH1 x 100, PH2 x 100, PH3 x 150
	1412	4 x 100, 5.5 x 100, 6.5 x 150

5 PC.



35105MR

7 PC.



35107MR

6 PC.



35116MR01



Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP +TPR
- Finishing - chrome plated with black tip



KT No. & D1

1421

- Phillips head, round shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14210023	PH0	60	2-3/8	3.2	35	12 / 144
14210132	PH1	80	3-1/8	4.5	57	12 / 96
14210104	PH1	100	4	4.5	59	12 / 96
14210214	PH2	38	1-1/2	6.0	44	12 / 144
14210204	PH2	100	4	6.0	84	12 / 96
14210206	PH2	150	6	6.0	95	12 / 144
14210306	PH3	150	6	8.0	142	12 / 144



KT NO.	No.	mm	inch	mm	g	
14210112	PH1	300	12	4.5	85	12 / 96
14210212	PH2	300	12	6.0	127	12 / 96
14210116	PH1	400	16	4.5	93	12 / 96
14210216	PH2	400	16	6.0	150	12 / 96



xx12
1421xx16

1422

- Slotted head, round shank
- DIN ISO 2380

KT NO.	mm	inch	mm	mm	inch	mm	g	
14220303	3.0	1/8	0.5	75	3	3.2	38	12 / 144
14220404	4.0	5/32	0.8	100	4	4	56	12 / 96
14220503	5.0	3/16	0.8	75	3	5	60	12 / 96
14220504	5.0	3/16	0.8	100	4	5	62	12 / 96
14225503	5.5	7/32	1.0	75	3	5	71	12 / 96
14225504	5.5	7/32	1.0	100	4	5	75	12 / 96
14225505	5.5	7/32	1.0	125	5	5	78	12 / 144
14225506	5.5	7/32	1.0	150	6	5	82	12 / 144
14226514	6.5	1/4	1.2	38	1-1/2	6	44	12 / 144
14226504	6.5	1/4	1.2	100	4	6	84	12 / 96
14226506	6.5	1/4	1.2	150	6	6	94	12 / 144
14220806	8.0	5/16	1.2	150	6	8	141	12 / 144
14220807	8.0	5/16	1.2	175	7	8	153	12 / 144
14220808	8.0	5/16	1.2	200	8	8	163	12 / 144
14221008	10.0	3/8	1.6	200	8	10	212	12 / 72



KT NO.	mm	inch	mm	mm	inch	mm	g	
14220512	5.0	3/16	0.8	300	12	5	94	12 / 96
14220516	5.0	3/16	0.8	400	16	5	109	12 / 96
14226512	6.5	1/4	1.2	300	12	6	127	12 / 96
14226516	6.5	1/4	1.2	400	16	6	150	12 / 96



1422xx12
1422xx16

Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP +TPR
- Finishing - chrome plated with black tip



KT No. & D1

1423

▪ For torx head screw, round shank

KT NO.	Size	mm	inch	mm	g	
14230602	T6	48	2	3.2	35	12 / 144
14230702	T7	48	2	3.2	35	12 / 144
14230803	T8	75	3	3.2	38	12 / 144
14230903	T9	75	3	3.2	38	12 / 144
14231003	T10	75	3	3.2	38	12 / 144
14231503	T15	75	3	4.0	55	12 / 144
14231510	T15	250	10	5.0	86	12 / 96
14232004	T20	100	4	5.0	63	12 / 144
14232010	T20	250	10	5.0	86	12 / 96
14232504	T25	100	4	6.0	83	12 / 144
14232510	T25	250	10	6.0	117	12 / 96
14232704	T27	100	4	6.0	83	12 / 144
14233005	T30	125	5	6.0	89	12 / 144
14233010	T30	250	10	6.0	118	12 / 96
14234006	T40	150	6	8.0	142	12 / 144



14232010, 14232510, 14233010 at the dashboard, car body, engine compart ment as well as in industry.

1424

▪ Square head

KT NO.	Size	mm	inch	mm	g	
14240105	RB1	125	5	5.0	61	20 / 240
14240204	RB2	100	4	6.0	76	12 / 144
14240206	RB2	150	6	6.0	89	12 / 144



1427

▪ For torx head screw, round shank
▪ Tamper resistant type

KT NO.	Size	mm	inch	mm	g	
14270803	T8H	75	3	3.2	38	12 / 144
14270903	T9H	75	3	3.2	38	12 / 144
14271003	T10H	75	3	3.2	38	12 / 144
14271503	T15H	75	3	4.0	55	12 / 144
14272004	T20H	100	4	5.0	53	12 / 144
14272504	T25H	100	4	6.0	83	12 / 144
14272704	T27H	100	4	6.0	83	12 / 144
14273005	T30H	125	5	6.0	89	12 / 144
14274006	T40H	150	6	8.0	142	12 / 144



1428

▪ Pozidriv head, round shank
▪ DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14280023	PZ0	60	2-3/8	3.2	37	12 / 96
14280132	PZ1	80	3-1/8	4.5	56	12 / 96
14280104	PZ1	100	4	4.5	60	12 / 96
14280204	PZ2	100	4	6.0	84	12 / 96
14280306	PZ3	150	6	8.0	141	12 / 144



Screwdriver Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

31107MR

KT NO.	Contents	0.7 kg	1 / 20
31107MR	1421	PH0 x 60, PH1 x 80, PH1 x 100, PH2 x 38, PH2 x 100, PH2 x 150, PH3 x 150	

30118MR

KT NO.	Contents	0.87 kg	1 / 20
30118MR	1422	3 x 75, 5 x 75, 5 x 100, 8 x 150, 8 x 200,6.5 x 100, 6.5 x 150, 6.5 x 38	

30115MR

KT NO.	Contents	0.54 kg	1 / 20
30115MR	1421	PH1 x 80, PH2 x 100	
	1422	4 x 100, 5.5 x 125, 6.5 x 150	

31116MR

KT NO.	Contents	0.56 kg	1 / 20
31116MR	1421	PH0 x 60, PH1 x 80, PH2 x 100	
	1422	3 x 75, 5.5 x 100, 6.5 x 150	

31216MR

KT NO.	Contents	0.56 kg	1 / 20
31216MR	1421	PH1 x 80, PH2 x 100	
	1422	5 x 75, 5 x 100, 6.5 x 100, 6.5 x 150	

30117MR

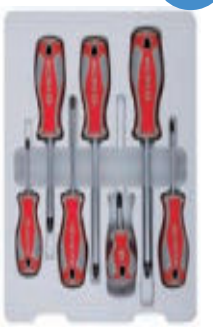
KT NO.	Contents	0.72 kg	1 / 20
30117MR	1421	PH1 x 80, PH2 x 100	
	1422	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150, 8 x 175	

33108MR

KT NO.	Contents	1.3 kg	1 / 10
33108MR	1421	PH0 x 60, PH1 x 100, PH2 x 100, PH2 x 38	
	1422	3 x 75, 5.5 x 100, 6.5 x 38, 6.5 x 100	

30127MR

KT NO.	Contents	0.82 kg	1 / 20
30127MR	1428	PZ1 x 80, PZ2 x 100, PZ3 x 150	
	1422	4 x 100, 5.5 x 125, 6.5 x 150, 8 x 175	



31107MR



30118MR



30115MR



31116MR



31216MR



30117MR



33108MR



30127MR

Screwdriver Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

30315PR

KT NO.	Contents	0.37	1 / 20
30315PR	1423	T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125	

30317PR

KT NO.	Contents	0.78	1 / 20
30317PR	1423	T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150	

30319PR

KT NO.	Contents	0.88	1 / 20
30319PR	1423	T8 x 75, T9 x 75, T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150	

30307PR

KT NO.	Contents	0.78	1 / 20
30307PR	1427	T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150	

30309PR

KT NO.	Contents	0.88	1 / 20
30309PR	1427	T8H x 75, T9H x 75, T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150	



30315PR



30317PR



30319PR



30307PR



30309PR



Go Thru Screwdriver & Set



- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated



KT No. & D1

1481

- Phillips head, hex-shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14810103	PH1	75	3	5.0	48	12 / 240
14810204	PH2	100	4	6.0	86	12 / 144
14810204-E*	PH2	100	4	6.0	130	12 / 96
14810205	PH2	125	5	6.0	94	12 / 144
14810205-E*	PH2	125	5	6.0	170	12 / 144
14810306	PH3	150	6	8.0	170	12 / 144
14810412	PH4	300	12	10.0	362	10 / 40

* Enlarged handle



1482

- Slotted head, hex-shank
- DIN ISO 2380

KT NO.	mm	inch	mm	mm	inch	mm	g	
14825503	5.5	7/32	0.8	75	3	5.0	50	12 / 240
14826504	6.5	1/4	1.2	100	4	6.0	88	12 / 144
14826504-E*	5.5	1/4	1.2	100	4	6.0	130	12 / 96
14826505-E*	6.5	1/4	1.2	125	5	6.0	170	12 / 144
14826506	6.5	1/4	1.2	150	6	6.0	120	12 / 144
14820806	8.0	5/16	1.2	150	6	8.0	169	12 / 144
14821012	10.0	12/32	1.6	300	12	10.0	322	10 / 40

* Enlarged handle



36206MR

6 PC.

Contents — 1.18 kg — 1 / 20

1481	PH1 x 75, PH2 x 100, PH3 x 150
1482	5.5 x 75, 6.5 x 150, 8.0 x 150



Go Thru Screwdriver Set

- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated

35114MR

35114MR01

▪ Standard & insulated & go thru screwdriver set

14 PC.



35114MR01



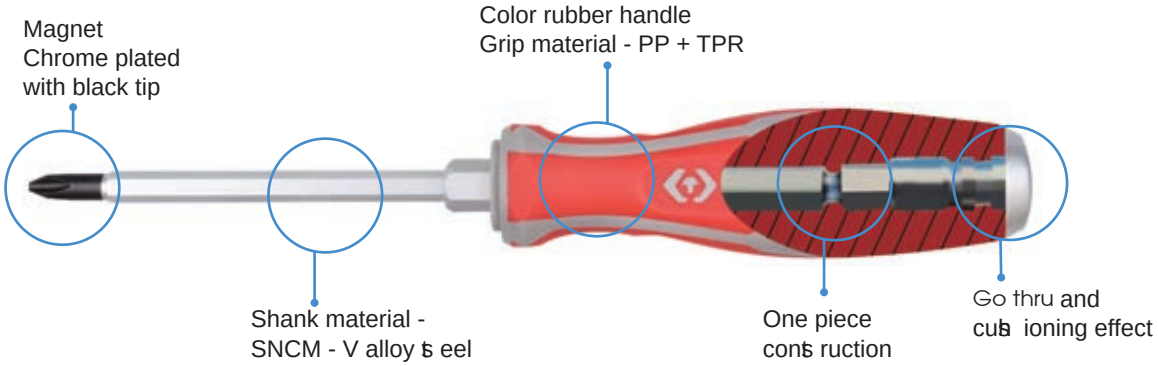
35114MR

2.2 kg | 1 / 4

KT NO.			Contents	
35114MR	1472	6.5 x 150	1411	PH0 x 75, PH1 x 100, PH2 x 100, PH2 x 150, PH2 x 38, PH3 x 150
			1412	3 x 75, 4 x 100, 5.5 x 100, 6.5 x 150, 6.5 x 38, 8 x 200
35114MR01	1478	PZ2 x 100	1482	10 x 300



Feature



Go Thru Screwdriver & Set



- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tips



KT No. & D1

1461

- Phillips head, hex-shank
- DIN ISO 8764

KT NO.	No.	mm	inch	mm	g	
14610103	PH1	75	3	5.0	120	12 / 96
14610204	PH2	100	4	6.0	134	12 / 96
14610206	PH2	150	6	6.0	144	12 / 144
14610306	PH3	150	6	8.0	219	12 / 96



1462

- Slotted head, hex-shank
- DIN ISO 2380

KT NO.	mm	inch	mm	mm	inch	mm	g	
14625504	5.5	7/32	1.0	100	4	5.0	123	12 / 96
14626504	6.5	1/4	1.2	100	4	6.0	134	12 / 96
14626506	6.5	1/4	1.2	150	6	6.0	146	12 / 144
14620806	8.0	5/16	1.2	150	6	8.0	219	12 / 144
14620807	8.0	5/16	1.2	175	7	8.0	228	12 / 96
14621008	10	3/8	1.6	200	8	10	310	12 / 72
14621210	12	15/32	2.0	250	10	10	346	10 / 40



30206MR

6 PC.

Contents

Kg 1.2 1 / 20

1461	PH1 x 75, PH2 x 100, PH3 x 150
1462	5.5 x 100, 6.5 x 150, 8.0 x 175



Screwdriver Set

31512MR

31512MR01

▪ Standard & go thru screwdriver set

KT NO.	Contents		Each Q'ty
31512MR	⊕ 1481 PH2 x 125 ⊖ 1482 6.5 x 150	⊕⊖ 24110204 PH2 x 100 ⊕⊖ 24110214 PH2 x 38 ⊕ 1481 PH2 x 100, PH1 x 75, PH2 x 100E*, PH3 x 150 ⊖ 1482 5.5 x 75, 6.5 x 100, 6.5 x 100E*, 8 x 150	6
31512MR01	⊕ 1481 PH2 x 125E* ⊖ 1482 6.5 x 125E*		



72 PC.

Screwdriver shelf size (mm) : 420 x 250 x 210

KT NO.	Kg	CUFT
31512MR-A	2.47	0.78
31512MR-D	8.23	0.714
31512MR01-A	3.5	1.5
31512MR01-D	7.86	0.38

31416MR

▪ Standard screwdriver set

KT NO.	Contents		Each Q'ty
31416MR	⊕ 1421	PH0 x 60, PH1 x 80, PH1 x 100, PH2 x 38, PH2 x 100, PH2 x 150, PH3 x 150	6
	⊖ 1422	3.0 x 75, 4.0 x 100, 5.5 x 75, 5.5 x 100, 5.5 x 125, 6.5 x 38, 6.5 x 100, 6.5 x 150, 8.0 x 150	



96 PC.

Screwdriver shelf size (mm) : 600 x 240 x 210

KT NO.	Kg	CUFT
31416MR-A	3.3	1.97
31416MR-D	6.2	0.71

31516MR

▪ Standard & go thru screwdriver set

KT NO.	Contents		Each Q'ty
31516MR	✡ 1427	T8H x 75, T9H x 75, T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150	6
	⊕ 1461	PH1 x 75, PH2 x 100, PH3 x 150	
	⊖ 1462	5.5 x 100, 6.5 x 100, 6.5 x 150, 8.0 x 175	



96 PC.

Screwdriver shelf size (mm) : 600 x 240 x 210

KT NO.	Kg	CUFT
31516MR-A	3.3	1.97
31516MR-D	10.1	0.71

31519MR

▪ Standard Screwdriver set

KT NO.	Contents		Each Q'ty
31519MR	⊕ 1411	PH0 x 75, PH1 x 100, PH2 x 100, PH2 x 100E*, PH2 x 150, PH2 x 150E*, PH2 x 38, PH3 x 150, PH3 x 200	6
	⊖ 1412	3.0 x 75, 4.0 x 100, 5.5 x 100, 6.5 x 100, 6.5 x 150, 6.5 x 100E*, 6.5 x 38, 8 x 150, 8 x 200, 6.5 x 150E*	



114 PC.

Screwdriver shelf size (mm) : 650 x 250 x 210

KT NO.	Kg	CUFT
31519MR-A	3.5	1.97
31519MR-D	10.34	0.714

* Enlarged handle

Screwdriver Display

87104

- Overall size -W 325 x D 205 x H 270 mm
- Weight - 1.2 Kg / Cuft - 0.3



Reversible Handle

91232

KT NO.	mm	inch	g	
91232	135	5-1/4	84	12 / 144

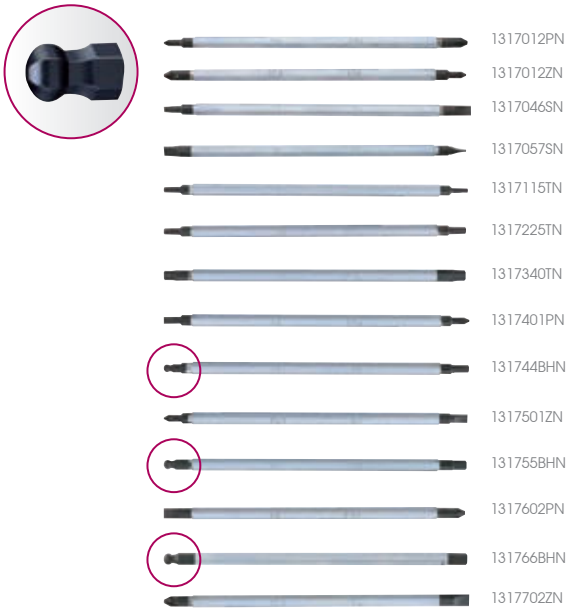


Power Bit

- Bits for screwdriver handle 91232
- Material - SNCM - V alloy steel

1317

KT NO.	Size		mm	inch	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	B4	H4	175	7	45	40 / 400
1317501ZN	5.0	PZ1	175	7	45	40 / 400
131755BHN	B5	H5	175	7	45	40 / 400
1317602PN	6.0	PH2	175	7	45	40 / 400
131766BHN	B6	H6	175	7	45	40 / 400
1317702ZN	7.0	PZ2	175	7	45	40 / 400



Screwdriver Set

- Shank material - chrome vanadium alloy steel
- Grip material - PP + TPR
- Shank finishing - chrome plated

32518MR

▪ Two-way screwdriver set

11 PC.

Contents				
		0.7		1 / 20
1317012PN	PH1			PH2
1317012ZN	PZ2			PZ1
1317046SN	4.0			6.0
1317057SN	5.0			7.0
1317115TN	T10			T15
1317225TN	T20			T25
1317340TN	T30			T40
131744BHN	B4			H4
131755BHN	B5			H5
131766BHN	B6			H6

91232 



Blow case size (mm) : 233 x 120 x 43 (0.07cuft)

32518MR01

▪ Two-way screwdriver set

11 PC.

Contents				
		0.7		1 / 20
1317115TN	T10			T15
1317225TN	T20			T25
1317340TN	T30			T40
1317401PN	4.0			PH1
131744BHN	B4			H4
1317501ZN	5.0			PZ1
131755BHN	B5			H5
1317602PN	6.0			PH2
131766BHN	B6			H6
1317702ZN	7.0			PZ2

91232 



Blow case size (mm) : 233 x 120 x 43 (0.07cuft)

32518MR02

▪ Two-way screwdriver set

11 PC.

Contents				
		0.7		1 / 20
1317115TN	T10			T15
1317225TN	T20			T25
1317340TN	T30			T40
1317401PN	4.0			PH1
131744BHN	B4			H4
1317012PN	PH1			PH2
131755BHN	B5			H5
1317602PN	6.0			PH2
131766BHN	B6			H6
1317057SN	5.0			7.0

91232 



Blow case size (mm) : 233 x 120 x 43 (0.07cuft)

Insulated Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip





KT No. & D1

1471

- Phillips head, round shank
- IEC 60900:2004

KT NO.	No.	mm	inch	mm	g	
14710003	PH0	75	3	3.0	37	12 / 144
14710104	PH1	100	4	4.5	54	12 / 216
14710204	PH2	100	4	6.0	77	12 / 144
14710306	PH3	150	6	8.0	135	12 / 144



1472

- Slotted head, round shank
- IEC 60900:2004

KT NO.	mm	inch	mm	mm	inch	mm	g	
14720303	3.0	1/8	0.5	75	3	3.0	38	12 / 144
14720404	4.0	3/16	0.8	100	4	4.0	44	12 / 96
14725505	5.5	7/32	1.0	125	5	5.5	72	12 / 144
14726506	6.5	1/4	1.2	150	6	6.5	87	12 / 144
14720807	8.0	5/16	1.2	175	7	8.0	143	12 / 144



1474

- Square head, round shank
- IEC 60900:2004

KT NO.	Size	mm	inch	mm	g	
14740105	RB1	125	5	5.5	72	12 / 144
14740206	RB2	150	6	6.5	87	12 / 144



1478

- Pozidriv head, round shank
- IEC 60900:2004

KT NO.	Size	mm	inch	mm	g	
14780003	PZ0	75	3	3.0	37	12 / 144
14780104	PZ1	100	4	4.5	54	12 / 96
14780204	PZ2	100	4	6.0	77	12 / 144
14780306	PZ3	150	6	8.0	135	12 / 144



Insulated Screwdriver Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip

30607MR

30607MR02

30617MR

7 PC.

KT NO.	Contents		0.86	1 / 20
30607MR	1472	4 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 175		
	1478	PZ1 x 100, PZ2 x 100, PZ3 x 150		
30607MR02	1471	PH1 x 100, PH2 x 100		
	1472	4 x 100, 5.5 x 125, 6.5 x 150		
	1474	1 x 125, 2 x 150		
30617MR	1471	PH1 x 100, PH2 x 100, PH3 x 150		
	1472	4 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 175		



30607MR



30607MR02



30617MR

30605MR

30615MR

5 PC.

KT NO.	Contents		0.50	1 / 30
30605MR	1472	4 x 100, 5.5 x 125, 6.5 x 150		
	1478	PZ1 x 100, PZ2 x 100		
30615MR	1471	PH1 x 100, PH2 x 100		
	1472	4 x 100, 5.5 x 125, 6.5 x 150		



30605MR



30615MR

Nut Spinner

- Shank material - chrome vanadium alloy steel
- Grip material - PP + TPR
- Shank finishing - chrome plated

1450

KT NO.	mm	mm	mm	mm	g	
1450-04	4	4.5	125	225	74	12 / 144
1450-45	4.5	4.5	125	225	76	12 / 144
1450-05	5	5.0	125	225	75	12 / 144
1450-55	5.5	5.0	125	225	81	12 / 144
1450-06	6	6.0	125	225	81	12 / 144
1450-07	7	6.0	125	235	103	12 / 144
1450-08	8	7.0	125	235	108	12 / 144
1450-09	9	7.0	125	235	110	12 / 144
1450-10	10	8.0	125	235	114	12 / 144
1450-11	11	9.0	125	245	166	12 / 144
1450-12	12	10.0	125	245	168	12 / 144
1450-13	13	10.0	125	245	173	10 / 120



5450

KT NO.	inch	mm	mm	mm	g	
5450-08	1/4	12	125	223	80	12 / 144
5450-10	5/16	8.2	125	223	105	12 / 144



Flexible Nut Spinner

1453

- For the hose clamps on radiator hoses

KT NO.	mm	mm	mm	mm	g	
1453-05	5	9	190	300	136	12 / 144
1453-06	6	9	190	300	135	12 / 144
1453-07	7	9.3	190	300	134	12 / 144
1453-08	8	9.5	190	300	133	12 / 144
1453-10	10	9.5	190	300	132	12 / 144





Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- Total length : 25 mm

1/4" Hex size shank driver



order unit :one box



Item No.xxxxxxx.B

1025P Phillips head

- DIN ISO 2351-2

KT NO.	No.	g	
102500P (102500P.B)	PH0	4.5	20 / 200 (50 / 1000)
102501P (102501P.B)	PH1	5.0	
102502P (102502P.B)	PH2	5.5	
102503P (102503P.B)	PH3	6.0	
102504P (102504P.B)	PH4	6.0	

102512P Phillips head

- Reduced for dry-wall
- DIN ISO 2351-2

KT NO.	No.	g	
102512P (102512P.B)	PH2	5.5	20 / 200 (50 / 1000)

1025S Slotted head

- DIN ISO 2351-1

KT NO.	Tip width (mm)	Tip thickness (mm)	g	
102503S1 (102503S1.B)	3.0	0.5	4.5	20 / 200 (50 / 1000)
102535S1 (102535S1.B)	3.5	0.6	4.5	
102504S1 (102504S1.B)	4.0	0.5	4.5	
102504S2 (102504S2.B)	4.0	0.8	5.0	
102545S1 (102545S1.B)	4.5	0.6	5.0	
102505S1 (102505S1.B)	5.0	0.8	5.0	
102555S1 (102555S1.B)	5.5	0.8	5.0	
102555S2 (102555S2.B)	5.5	1.0	5.0	
102506S1 (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	g	
102515H (102515H.B)	H1.5	4.0	20 / 200 (50 / 1000)
102502H (102502H.B)	H2	4.5	
102525H (102525H.B)	H2.5	4.5	
102503H (102503H.B)	H3	5.0	
102504H (102504H.B)	H4	5.5	
102505H (102505H.B)	H5	6.0	
102506H (102506H.B)	H6	6.0	
102507H (102507H.B)	H7	7.5	
102508H (102508H.B)	H8	9.0	
102510H (102510H.B)	H10	11.5	

KT NO.	inch	g	
502503H (502503H.B)	3/64	4.0	20 / 200 (50 / 1000)
502504H (502504H.B)	1/16	4.0	
502505H (502505H.B)	5/64	4.5	
502506H (502506H.B)	3/32	5.0	
502507H (502507H.B)	7/64	5.0	
502508H (502508H.B)	1/8	5.0	
502509H (502509H.B)	9/64	5.0	
502510H (502510H.B)	5/32	5.5	

1025T

- For torx head screw

KT NO.	Size	g	
102506T (102506T.B)	T6	4.5	20 / 200 (50 / 1000)
102507T (102507T.B)	T7	4.5	
102508T (102508T.B)	T8	4.5	
102509T (102509T.B)	T9	4.5	
102510T (102510T.B)	T10	4.5	
102515T (102515T.B)	T15	5.0	
102520T (102520T.B)	T20	5.0	
102525T (102525T.B)	T25	5.0	
102527T (102527T.B)	T27	5.0	
102530T (102530T.B)	T30	5.0	
102535T (102535T.B)	T35	5.6	
102540T (102540T.B)	T40	6.0	
102545T (102545T.B)	T45	7.0	
102550T (102550T.B)	T50	8.0	

1025U

- For torx head screw
- Tamper resistant type

KT NO.	Size	g	
102507U (102507U.B)	T7H	4.0	20 / 200 (50 / 1000)
102508U (102508U.B)	T8H	4.5	
102509U (102509U.B)	T9H	4.5	
102510U (102510U.B)	T10H	4.5	
102515U (102515U.B)	T15H	4.5	
102520U (102520U.B)	T20H	5.0	
102525U (102525U.B)	T25H	5.0	
102527U (102527U.B)	T27H	5.0	
102530U (102530U.B)	T30H	5.5	
102540U (102540U.B)	T40H	5.5	

1025M Spline head

- DIN 65254

KT NO.	size	g	
102504M	M4	5.0	20 / 200
102505M	M5	5.0	
102506M	M6	6.0	
102508M	M8	7.0	
102510M	M10	10.0	

1025V

- For inside 5-star screw
- Tamper resistant type

KT NO.	Size	g	
102508V	IPR 8	5.0	20 / 200
102509V	IPR 9	5.0	
102510V	IPR 10	5.0	
102515V	IPR 15	5.0	
102520V	IPR 20	5.0	
102525V	IPR 25	5.0	
102527V	IPR 27	5.0	
102530V	IPR 30	5.0	
102540V	IPR 40	6.4	

Bit

1/4" Hex size shank driver



order unit : one blister card



Item No.xxxxxxx.B

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

5/16" Hex size shank driver



order unit : one box

1025Z

- Pozidriv type
- DIN ISO 2351-2



KT NO.	No.	g	
102501Z (102501Z.B)	PZ1	5.0	20 / 200 (50 / 1000)
102502Z (102502Z.B)	PZ2	5.5	
102503Z (102503Z.B)	PZ3	5.5	

1025R Square head



KT NO.	Size	g	
102500R (102500R.B)	RB0	4.5	20 / 200 (50 / 1000)
102501R (102501R.B)	RB1	5.0	
102502R (102502R.B)	RB2	5.5	
102503R (102503R.B)	RB3	5.5	

1360Z Double Pozidriv head



KT NO.	No.	Overall length (mm)	g	
1360012Z	PZ1 / PZ2	60	13.0	10 / 100
1360022Z	PZ2 / PZ2	60	13.5	
1360023Z	PZ2 / PZ3	60	13.5	

1360Z Pozidriv / Slotted head



KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
1360451Z	PZ1	4.5	0.6	60	13.0	10 / 100
1360552Z	PZ2	5.5	1.0	60	13.5	
1360703Z	PZ3	7.0	1.2	60	13.5	

1360P Double phillips head



KT NO.	No.	Overall length (mm)	g	
1360012P	PH1 / PH2	60	13.0	10 / 100
1360022P	PH2 / PH2	60	13.5	
1360023P	PH2 / PH3	60	13.5	

1360P Phillips / Slotted head



KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
1360451P	PH1	4.5	0.6	60	13.0	10 / 100
1360552P	PH2	5.5	0.8	60	13.5	
1360703P	PH3	7.0	1.2	60	13.5	

1800P Phillips head

- 36 / 80 / 125mmL
- DIN ISO 2251-2



KT NO.	No.	Overall length (mm)	g	
183601P	PH1	36	12	20 / 200
183602P	PH2	36	12	20 / 200
183603P	PH3	36	12	20 / 200
183604P	PH4	36	12	20 / 200
188002P	PH2	80	31	10 / 100
188003P	PH3	80	31	10 / 100
188004P	PH4	80	31	10 / 100
181202P	PH2	125	50	10 / 100
181203P	PH3	125	50	10 / 100

1800S Slotted head

- 36 / 80mmL
- DIN ISO 2351-1



KT NO.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
183608S	8	1.2	36	11.5	20 / 200
183609S	9	1.6	36	13.0	20 / 200
183610S	10	1.6	36	14.5	20 / 200
183611S	11	2.0	36	16.0	20 / 200
183612S	12	2.0	36	17.5	12 / 120
183614S	14	2.0	36	20.5	12 / 120
188008S	8	1.2	80	32.0	10 / 100
188010S	10	1.6	80	33.0	10 / 100
188012S	12	2.0	80	34.0	6 / 60

1800H Hexagon head

- 32 / 36 mmL



KT NO.	mm	Overall length (mm)	g	
183203H	H3	32	9.0	20 / 200
183204H	H4	32	9.6	20 / 200
183205H	H5	32	10.4	20 / 200
183206H	H6	32	11.0	20 / 200
183207H	H7	32	12.2	20 / 200
183208H	H8	32	13.4	20 / 200
183210H	H10	32	17.2	20 / 200
183212H	H12	32	21.7	12 / 120
183604H	H4	36	11.3	20 / 200
183605H	H5	36	11.8	20 / 200
183606H	H6	36	13.0	20 / 200
183607H	H7	36	14.0	20 / 200
183608H	H8	36	15.0	20 / 200
183610H	H10	36	18.9	20 / 200
183612H	H12	36	25.0	12 / 120
183614H	H14	36	31.2	12 / 120

Bit Set

25 PC.

102502P-S1 new

Contents | 161 | 12 / 72

⊕	1025P	PH2 x 25 PC.

102502Z-S1 new

Contents | 161 | 12 / 72

✳	1025Z	PZ2 x 25 PC.

102510T-S1 new

Contents | 136 | 12 / 72

✱	1025T	T10 x 25 PC.

102515T-S1 new

Contents | 140 | 12 / 72

✱	1025T	T15 x 25 PC.

102520T-S1 new

Contents | 142 | 12 / 72

✱	1025T	T20 x 25 PC.

102525T-S1 new

Contents | 144 | 12 / 72

✱	1025T	T25 x 25 PC.

102530T-S1 new

Contents | 146 | 12 / 72

✱	1025T	T30 x 25 PC.



102502P-S1



102502Z-S1



102502T-S1



102515T-S1



102520T-S1



102525T-S1



102530T-S1

Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

5/16" Hex size shank driver



order unit : one box

10mm Hex size shank driver



order unit : one blister card

1800T

- For torx internal screws
  32 / 36 / 70 mmL



KT NO.	Size	Overall length (mm)	g	
183215T	T15	32	10.0	20 / 200
183220T	T20	32	10.0	20 / 200
183225T	T25	32	10.0	20 / 200
183227T	T27	32	10.5	20 / 200
183230T	T30	32	10.5	20 / 200
183240T	T40	32	10.5	20 / 200
183245T	T45	32	10.5	20 / 200
183250T	T50	32	10.5	20 / 200
183620T	T20	36	10.8	20 / 200
183625T	T25	36	11.2	20 / 200
183627T	T27	36	11.3	20 / 200
183630T	T30	36	11.8	20 / 200
183635T	T35	36	12.1	20 / 200
183640T	T40	36	12.6	20 / 200
183645T	T45	36	13.4	20 / 200
183650T	T50	36	14.4	20 / 200
183655T	T55	36	18.6	20 / 200
183660T	T60	36	22.4	12 / 120
187015T	T15	70	22.0	10 / 100
187020T	T20	70	22.0	10 / 100
187025T	T25	70	22.0	10 / 100
187027T	T27	70	22.0	10 / 100
187030T	T30	70	22.0	10 / 100
187040T	T40	70	22.0	10 / 100
187045T	T45	70	22.0	10 / 100
187050T	T50	70	22.0	10 / 100

1836Z Pozidriv head

- 36 mmL



KT NO.	No.	Overall length (mm)	g	
183602Z	PZ2	36	12.4	20 / 200
183603Z	PZ3	36	12.4	20 / 200
183604Z	PZ4	36	13.0	20 / 200

1600H Hexagon head

- 36 / 80mmL





KT NO.	mm	Overall length (mm)	g	
163604H	H4	36	17.3	12 / 120
163605H	H5	36	18.6	12 / 120
163606H	H6	36	19.2	12 / 120
163607H	H7	36	20.1	12 / 120
163608H	H8	36	21.3	12 / 120
new 163609H	H9	36	23.0	12 / 120
163610H	H10	36	24.1	12 / 120
163612H	H12	36	30.5	12 / 120
168004H	H4	80	47.2	6 / 60
168005H	H5	80	48.0	6 / 60
168006H	H6	80	49.4	6 / 60
168007H	H7	80	50.3	6 / 60
168008H	H8	80	50.8	6 / 60
new 168009H	H9	80	52.0	6 / 60
168010H	H10	80	53.8	6 / 60
168012H	H12	80	72.9	6 / 60

1600T

- For torx head screw
- 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

Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

10mm Hex size shank driver



order unit : one blister card

1600E new

- For torx Plus head screw
- 36 / 80mmL





KT NO.	Size	Overall length (mm)	g	
163610E	IP10	36	15.4	12 / 120
163615E	IP15	36	15.8	12 / 120
163620E	IP20	36	15.6	12 / 120
163625E	IP25	36	16.4	12 / 120
163627E	IP27	36	17.4	12 / 120
163630E	IP30	36	17.4	12 / 120
163640E	IP40	36	18.4	12 / 120
163645E	IP45	36	19.6	12 / 120
163650E	IP50	36	20.6	12 / 120
163655E	IP55	36	25.0	12 / 120
163660E	IP60	36	31.4	12 / 120
168010E	IP10	80	44.8	6 / 60
168015E	IP15	80	45.2	6 / 60
168020E	IP20	80	45.4	6 / 60
168025E	IP25	80	46.0	6 / 60
168027E	IP27	80	46.4	6 / 60
168030E	IP30	80	46.6	6 / 60
168040E	IP40	80	47.8	6 / 60
168045E	IP45	80	49.0	6 / 60
168050E	IP50	80	50.0	6 / 60
168055E	IP55	80	60.2	6 / 60
168060E	IP60	80	79.4	6 / 60

1600U

- For torx head screw
- Tamper resistant type
- 36 / 80mmL



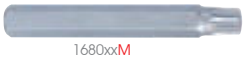


KT NO.	Size	Overall length (mm)	g	
163610U	T10H	36	16.9	12 / 120
163615U	T15H	36	17.3	12 / 120
163620U	T20H	36	17.6	12 / 120
163625U	T25H	36	17.8	12 / 120
163627U	T27H	36	18.2	12 / 120
163630U	T30H	36	18.3	12 / 120
163640U	T40H	36	19.9	12 / 120
163645U	T45H	36	20.9	12 / 120
163650U	T50H	36	22.9	12 / 120
163655U	T55H	36	28.0	12 / 120
163660U	T60H	36	32.6	12 / 120
168010U	T10H	80	46.3	6 / 60
168015U	T15H	80	46.5	6 / 60
168020U	T20H	80	46.8	6 / 60
168025U	T25H	80	47.1	6 / 60
168027U	T27H	80	47.2	6 / 60
168030U	T30H	80	47.2	6 / 60
168040U	T40H	80	48.0	6 / 60
168045U	T45H	80	49.1	6 / 60
168050U	T50H	80	50.0	6 / 60
168055U	T55H	80	52.3	6 / 60
168060U	T60H	80	70.4	6 / 60

1600M Spline head

- 36 / 80mmL



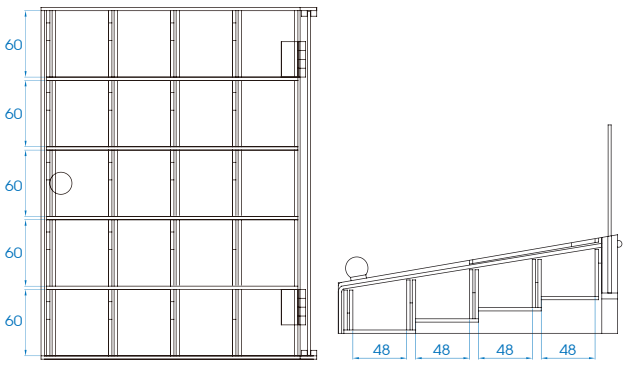


KT NO.	Size	Overall length (mm)	g	
163605M	M5	36	18.3	12 / 120
163606M	M6	36	18.7	12 / 120
163608M	M8	36	19.8	12 / 120
new 163609M	M9	36	20.9	12 / 120
163610M	M10	36	22.4	12 / 120
163612M	M12	36	27.7	12 / 120
new 163614M	M14	36	30.0	12 / 120
168005M	M5	80	47.2	6 / 60
168006M	M6	80	47.9	6 / 60
168008M	M8	80	49.0	6 / 60
new 168009M	M9	80	50.5	6 / 60
168010M	M10	80	51.6	6 / 60
168012M	M12	80	70.1	6 / 60
new 168014M	M14	80	71.0	6 / 60

Bit Display Box

87352

- Overall size -W 318 x D 235 x H 183 mm
- Weight - 1.3 Kg / Cuft - 0.4





Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

1011MQ

Metal case size (mm) : 198 x 105 x 37 (0.027 cuft)

Contents		0.82	1 / 20
1636M	M5, M6, M8, M10, M12		
1680M	M5, M6, M8, M10, M12		
414810M			



11 PC.

1015MQ

Metal case size (mm) : 198 x 105 x 37 (0.027 cuft)

Contents		0.96	1 / 20
1636H	H4, H5, H6, H7, H8, H10, H12		
1680H	H4, H5, H6, H7, H8, H10, H12		
414810M			



15 PC.

1015PQ

Metal case size (mm) : 198 x 105 x 37 (0.027 cuft)

Contents		0.96	1 / 20
1636T	T20,T25, T30, T40, T45, T50, T55		
1680T	T20,T25, T30, T40, T45, T50, T55		
414810M			



15 PC.

1042CQ

Metal case size (mm) : 205 x 80 x 42 (0.024 cuft)

Contents		0.52	1 / 20
1025H	H1.5, H2, H2.5, H3, H4, H5, H6, H7, H8, H10		
1025T	T6		
1025U	T7H, T8H, T9H , T10H, T15H, T20H, T25H, T27H, T30H, T40H		
1025S	3x0.5, 3.5x0.6, 4x0.5, 4.5x0.6, 5x0.8, 5.5x0.8, 6x1.0, 6.5x1.2, 7x1.2, 8x1.2		
1025P	PH0, PH1, PH2, PH3		
1025Z	PZ1, PZ2, PZ3		
1025R	RB0, RB1, RB2, RB3		



42 PC.

Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

1023EQ new

Metal case size (mm) : 244 x 118 x 37 (0.038 cuft)



23 PC.

Contents			Kg 1.36	1 / 18
	1636E	10IP, 15IP, 20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP, 60IP		
	1680E	10IP, 15IP, 20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP, 60IP		
	414810M			

1043CQ

Metal case size (mm) : 290 x 130 x 41 (0.056 cuft)



43 PC.

Contents			Kg 2.5	1 / 10
	1636H	H4, H5, H6, H7, H8, H10, H12		
	1636M	M5, M6, M8, M10, M12		
	1636T	T20, T25, T27, T30, T40, T45, T50, T55, T60		
	1680H	H4, H5, H6, H7, H8, H10, H12		
	1680M	M5, M6, M8, M10, M12		
	1680T	T20, T25, T27, T30, T40, T45, T50, T55, T60		
	414710M			

1044CQ

Metal case size (mm) : 296 x 130 x 41 (0.056 cuft)



44 PC.

Contents			Kg 2.5	1 /10
	1636H	H4, H5, H6, H7, H8, H10, H12		
	1636M	M5, M6, M8, M10, M12		
	1636T	T20, T25, T27, T30, T40, T45, T50, T55, T60		
	1680H	H4, H5, H6, H7, H8, H10, H12		
	1680M	M5, M6, M8, M10, M12		
	1680T	T20, T25, T27, T30, T40, T45, T50, T55, T60		
	314810M, 414810M			

5169PR

Metal case size (mm) : 445 x 187 x 50 (0.147 cuft)



69 PC.

Contents			Kg 4.15	1 /4
	3375M	E4, E5, E6, E7, E8, E10, E11, E12, E14, E16, E18		
	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H		
	1636H	H4, H5, H6, H7, H8, H10, H12		
	1636M	M5, M6, M8, M10, M12		
	1636T	T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, T60		
	1680H	H4, H5, H6, H7, H8, H10, H12		
	1680M	M5, M6, M8, M10, M12		
	1680T	T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, T60		
	314810M	3792	3779-08G	

Ratchet Screwdriver Set

2166DF 1/4"

- Two position L-handle design for greater torque
- PC+TPR Handle







KT NO.	Gear	Overall Length (mm)	Kg	
2166DF	46 teeth	167	0.28	6 / 72



32809MR

9 PC.

- 9-in-1 ratchet screwdriver set
- Two position L-handle design for greater torque
- Reversible ratchet with 1/4" bit holder
- PC+TPR Handle



Contents		Kg 0.32	6 / 72
1025S	4.0, 5.0		
1025P	PH1, PH2 , PH3		
1025Z	PZ1, PZ2		
750-60			
2166DF			

2555MR 1/4"

55 PC.

- Ratchet screwdriver set

Blow case size (mm) : 260 x 160 x 64 (0.094 cuft)



Contents		Kg 1.0	1 / 10
1025S	3.0, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 8.0		
1025P	PH0, PH1, PH2, PH3		
1025Z	PZ0, PZ1, PZ2, PZ3		
1025T	T10, T15, T20, T25, T27, T30, T40		
1025H	H2, H2.5, H3, H4, H5, H6, H8		
1025U	T10, T15, T20, T25, T27, T30, T40		
1025R	RB1, RB2		
7702-25			
750-60			
2166DF			
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		

Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

1032CQ

Plastic case size (mm) :
120 x 70 x 42 (0.012 cuft)

32 PC.



Contents — 0.3 kg — 1 / 20

1025S	3.0, 4.0, 5.0, 6.0
1025P	PH1, PH2 x 2, PH3
1025Z	PZ1, PZ2 x 2, PZ3
1025T	T10, T15, T20, T25, T27, T30, T40
1025H	H3, H4, H5, H6
1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
7702-25	
753-63	

1032CQ01

Plastic case size (mm) :
120 x 70 x 42 (0.012 cuft)

33 PC.



Contents — 0.3 kg — 1 / 20

1025S	3.0, 4.0, 5.0, 6.0
1025P	PH1, PH2 x 2, PH3
1025Z	PZ1, PZ2 x 2, PZ3
1025T	T10, T15, T20, T25, T27, T30, T40
1025H	H3, H4, H5, H6
1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
1025R	RB2
7702-25	
753-63	

1050CQ

Blow case size (mm) :
224 x 110 x 54 (0.047 cuft)

50 PC.



Contents — 0.29 kg — 1 / 20

1025S	4.0 x 2, 5.5 x 2, 6.5 x 2
1025P	PH1 x 2, PH2 x 2, PH3 x 2
1025Z	PZ1 x 2, PZ2 x 2, PZ3 x 2
1025T	T6, T7, T8, T9, T10, T15, T20, T25 T27, T30, T40 x 2
1025H	H2, H3, H4, H5, H6, H7, H8
1025U	T7H, T8H, T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H x 2
750-60	
2141	

2517MR 1/4"

Plastic case size (mm) :
120 x 70 x 32 (0.009 cuft)

17 PC.



Contents — 0.22 kg — 1 / 28

1025S	4.0, 5.5, 6.5
1025P	PH1, PH2, PH3
1025T	T10, T15, T20
2335M	4, 4.5, 5, 5.5, 6, 7mm
7702-25	
753-63	

Power Bit Pocket Case

PAT.





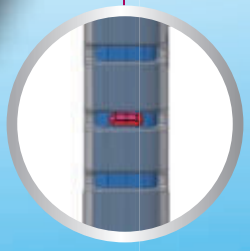
• Shockproof high quality materials







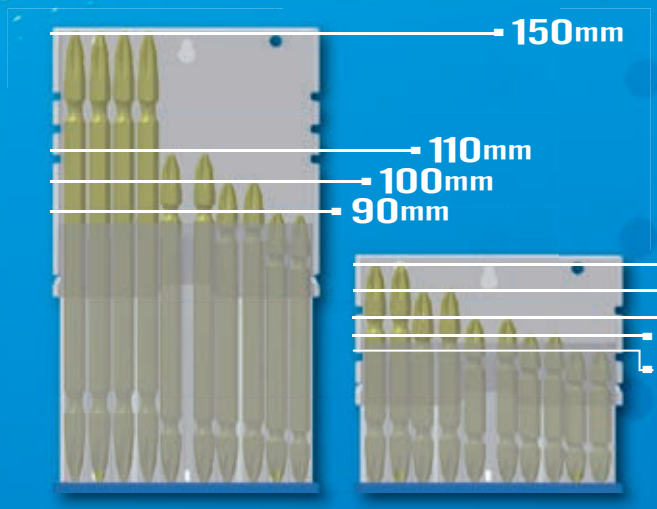
• Functional design free slide open pocket storage case.



• Flexible for different length of power bit







Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic

1/4" Hex size shank driver



order unit : one blister card

7100P Phillips head

- Short neck (9.5 mm) type
- DIN ISO 2351-2



KT NO.	No.	Overall length (mm)	g	
715000P	PH0	50	8	
715001P	PH1	50	9	
715002P	PH2	50	11	
715003P	PH3	50	11	
715004P	PH4	50	14	
716502P	PH2	65	15	
717001P	PH1	70	16	
717002P	PH2	70	17	
717003P	PH3	70	17	10 / 100
719001P	PH1	90	18	
719002P	PH2	90	20	
719003P	PH3	90	20	
711002P	PH2	100	24	
711501P	PH1	150	23	
711502P	PH2	150	33	
711503P	PH3	150	33	

7150S Slotted head

- DIN ISO 2351-1



KT NO.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
715003S1	3.0	0.5	50	6	
715035S1	3.5	0.5	50	6	
715004S2	4.0	0.5	50	7	
715004S1	4.0	0.8	50	7	
715045S1	4.5	0.6	50	7	
715005S1	5.0	0.8	50	8	10 / 100
715055S1	5.5	0.8	50	8	
715055S2	5.5	1.0	50	8	
715006S1	6.0	1.0	50	8	
715065S1	6.5	1.2	50	9	

7150H 7115H Hexagon head

- DIN ISO 2351-3



KT NO.	mm	Overall length (mm)	g	
715002H	H2	50	6	
715025H	H2.5	50	6	
715003H	H3	50	6	
715004H	H4	50	9	
715005H	H5	50	10	
715006H	H6	50	11	10 / 100
715007H	H7	50	13	
715008H	H8	50	17	
711505H	H5	150	34	
711507H	H7	150	47	

7111H Hexagon head

- DIN ISO 2351-3



KT NO.	mm	Overall length (mm)	g	
711102H	H2	110	11	10 / 100
711125H	H2.5	110	11	10 / 100
711103H	H3	110	14	10 / 100
711104H	H4	110	18	10 / 100
711105H	H5	110	24	10 / 100
711106H	H6	110	29	10 / 100
711107H	H7	110	34	10 / 100
711108H	H8	110	42	10 / 80
711110H	H10	110	62	10 / 80

7100T

- For torx head screw
- 50 / 70 / 110 / 150mmL



715050T

KT NO.	Size	Overall length (mm)	g	
715006T	T6	50	5	
715007T	T7	50	5	
715008T	T8	50	5	
715009T	T9	50	5	
715010T	T10	50	6	
715015T	T15	50	6	
715020T	T20	50	7	
715025T	T25	50	8	
715027T	T27	50	9	
715030T	T30	50	9	
715040T	T40	50	10	
715050T	T50	50	15	
717006T	T6	70	7	
717007T	T7	70	7	
717008T	T8	70	7	
717009T	T9	70	7	
717010T	T10	70	8	
717015T	T15	70	8	
717020T	T20	70	10	
717025T	T25	70	11	
717027T	T27	70	14	10 / 100
717030T	T30	70	14	
717040T	T40	70	15	
711110T	T10	110	14	
711115T	T15	110	14	
711120T	T20	110	18	
711125T	T25	110	19	
711127T	T27	110	24	
711130T	T30	110	24	
711140T	T40	110	28	
711506T	T6	150	16	
711507T	T7	150	16	
711508T	T8	150	16	
711509T	T9	150	16	
711510T	T10	150	17	
711515T	T15	150	18	
711520T	T20	150	24	
711525T	T25	150	24	
711527T	T27	150	32	
711530T	T30	150	33	
711540T	T40	150	39	

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic



1/4" Hex size shank driver

order unit : one blister card

7100Z Pozidriv head

▪ DIN ISO 2351-2



KT NO.	No.	Overall length (mm)	g	
715001Z	PZ1	50	9	
715002Z	PZ2	50	11	
715003Z	PZ3	50	12	
717001Z	PZ1	70	11	
717002Z	PZ2	70	15	10 / 100
717003Z	PZ3	70	15	
719001Z	PZ1	90	13	
719002Z	PZ2	90	19	
719003Z	PZ3	90	19	

7100U

▪ For torx head screw

▪ 50 / 70 / 110mmL



KT NO.	Size	Overall length (mm)	g	
715006U	T6H	50	7	
715007U	T7H	50	5	
715008U	T8H	50	5	
715009U	T9H	50	5	
715010U	T10H	50	7	
715015U	T15H	50	7	
715020U	T20H	50	7	
715025U	T25H	50	8	
715027U	T27H	50	9	
715030U	T30H	50	9	
715040U	T40H	50	11	
717010U	T10H	70	8	
717015U	T15H	70	8	10 / 100
717020U	T20H	70	10	
717025U	T25H	70	11	
717027U	T27H	70	13	
717030U	T30H	70	13	
717040U	T40H	70	15	
711110U	T10H	110	14	
711115U	T15H	110	14	
711120U	T20H	110	18	
711125U	T25H	110	19	
711127U	T27H	110	24	
711130U	T30H	110	24	
711140U	T40H	110	28	

7150R Square head



KT NO.	Size	Overall length (mm)	g	
715000R	RB0	50	7	
715001R	RB1	50	8	10 / 100
715002R	RB2	50	8	
715003R	RB3	50	8	

7170R Square head



KT NO.	Size	Overall length (mm)	g	
717000R	0	70	9	
717001R	1	70	11	
717002R	2	70	13	10 / 100
717003R	3	70	13	

2128PR

▪ torx head tamper & L-type holder set



7 PC.

Contents 0.17 10 / 60

7170U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
158902ERA	

2138PR

▪ Hexagon head power bits & L-type holder set

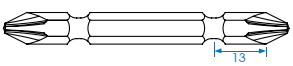


7 PC.

Contents 0.24 10 / 60

7150H	H2, H3, H4, H5, H6, H7, H8
158902ERA	





7400P Double phillips head

▪ Short head type



KT NO.	No.	Overall length (mm)	g	
745002P	PH2	50	11	
747501P	PH1	75	16	
747502P	PH2	75	15	
747503P	PH3	75	16	10 / 100
741002P	PH2	100	23	
741502P	PH2	150	37	
742002P	PH2	200	50	
743002P	PH2	300	70	

7300P Double phillips head

▪ Long head type



KT NO.	No.	Overall length (mm)	g	
734501P	PH1	45	9	
734502P	PH2	45	9	
734503P	PH3	45	10	
736501P	PH1	65	14	
736502P	PH2	65	14	
736503P	PH3	65	14	10 / 100
731101P	PH1	110	26	
731102P	PH2	110	26	
731103P	PH3	110	26	
731502P	PH2	150	32	
731503P	PH3	150	33	



5mm Hex size shank driver order unit : one box

Insert Size: The suggested size is according to the depth of bit holder which a bit is inserted.

7200P Double phillips head

▪ Long head typed



KT NO.	No.	Overall length (mm)	g	
726502P	PH2	65	8	
727502P	PH2	75	10	10 / 100
721102P	PH2	110	14	

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Nickel plated
- Magnetic

1/4" Hex size shank driver



order unit : one box

1300P Double phillips head

- Long head type



KT NO.	No.	Overall length (mm)	g	
134501P	PH1	45	8	10 / 300
134502P	PH2	45	9	10 / 300
134503P	PH3	45	9	10 / 300
136501P	PH1	65	14	10 / 200
136502P	PH2	65	14	10 / 200
136503P	PH3	65	14	10 / 200
131101P	PH1	110	26	10 / 150
131102P	PH2	110	26	10 / 150
131103P	PH3	110	26	10 / 150
131501P	PH1	150	36	10 / 100
131502P	PH2	150	36	10 / 100
131503P	PH3	150	37	10 / 100

1500P Double phillips head

- Short head type



KT NO.	No.	Overall length (mm)	g	
155001P	PH1	50	10	10 / 300
155002P	PH2	50	10	10 / 300
155003P	PH3	50	10	10 / 300
157501P	PH1	75	16	10 / 200
157502P	PH2	75	16	10 / 200
157503P	PH3	75	17	10 / 200
151001P	PH1	100	23	10 / 150
151002P	PH2	100	23	10 / 150
151003P	PH3	100	23	10 / 150
151501P	PH1	150	36	10 / 100
151502P	PH2	150	37	10 / 100
151503P	PH3	150	37	10 / 100

7300P Phillips / Slotted head

- Long head type



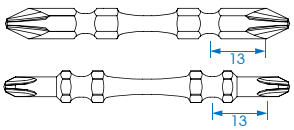
KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	
734551P	PH1	5.0	0.8	45	8	10 / 300
734552P	PH2	5.0	0.8	45	8	10 / 300
736552P	PH2	5.0	0.8	65	13	10 / 200
731152P	PH2	5.0	0.8	110	25	10 / 150
731552P	PH2	5.0	0.8	150	36	10 / 100

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic



1/4" 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.

13A6502P Double phillips head

- Long head type
- For ironwork screws



KT NO.	No.	Overall length (mm)	g	
13A6502P	PH2	65	8	10 / 100

13B6502P Double phillips head

- Long head type
- For woodwork screws



KT NO.	No.	Overall length (mm)	g	
13B6502P	PH2	65	8	10 / 100

Power Driving

- Chrome vanadium & stainless alloy steel
- Anti-rust oiled , sand-blasted
- Magnetic

1/4" Hex size shank driver



750 750-50A

- Magnetic bit holder
- 2 PC. type
- 750-50A: with spring clip
- DIN 7427



750-60



750-50A

KT NO.	inch	Overall length (mm)	g	
750-60	1/4	60	20	6 / 84
750-75	1/4	75	30	20 / 400
750-100	1/4	100	37	20 / 400
750-150	1/4	150	50	20 / 240
750-50A	1/4	50	22	6 / 84

751

- Magnetic bit holder
- 1 PC. type
- With spring clip
- DIN 7427



KT NO.	inch	Overall length (mm)	g	
751-60	1/4	60	24	6 / 84
751-75	1/4	75	36	6 / 84

Power Driving

- Chrome vanadium & stainless alloy steel
- Anti-rust oiled , sand-blasted
- Magnetic

1/4" Hex size shank driver

752

- Magnetic bit holder
- 2 PC. type
- With quick-release sleeve
- DIN 7427



KT NO.	inch	Overall length (mm)	g	
752-60	1/4	63	33	6 / 72
752-75	1/4	75	32	30 / 600
752-100	1/4	100	38	20 / 400
752-150	1/4	150	52	20 / 240
752-300	1/4	300	92	20 / 160

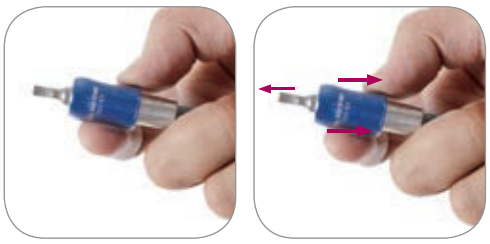
753

- 753-63
  -Magnetic bit holder
  -2 PC. type
  -With quick-release sleeve
  -For 1025 bit
  -DIN 7427



753-63

KT NO.	inch	Overall length (mm)	g	
753-63	1/4	63	33	6 / 72



- 753-370
  -Quick release bit holder
  -Extra-long extended driver for limited space
  -Magnetic bit holder
  -For power bits



753-370

KT NO.	inch	Overall length (mm)	g	
753-370	1/4	370	170	4 / 48

754

- Universal joint bit holder
- 20 degree pivot mode allows for limited space accessibility
- Can be used in straight or pivot mode



KT NO.	inch	Overall Length (mm)	g	
754-90	1/4	90	52	20 / 400

755

- Quick release flexible bit holder
- Flexible shaft driver
- The flex shaft accepts any standard hex fitting
- Quick release fits double end power bits and 50mm power bits



Quick release



Removable magnetic tip



Fits double end power bits and 50mm power bits





KT NO.	inch	Overall length (mm)	g	
755-300	1/4	300	293	2 / 40
755-400	1/4	400	385	2 / 40

Angle Driver

- The body is zin alloy steel
- The arm is chrome vanadium alloy steel
- The chuck is aluminum alloy steel
- Magnetic

1/4" Hex size shank driver

759

- Heavy duty right angle bit holder
- This heavy duty 90 degree offset driver with 24 position gripped stabilizer arm is designed for use with power drivers 18-24 Volts
- It's head is shorter than 2.5" which is suitable to use in limited space
- Locking magnetic chuck accepts any 1/4" hex drive accessory such as twist drills, spade drills, step drills, grinding stones, buffer pads, nut drivers and screwdriver bits
- Durable all metal housing and steel gears with ball bearing construction
- Gripped stabilizer arm with 1 screwdriver bit storage
- It's amazing capacity for up to 500 inch lbs with 2000 RPM





Pressure to change angle



24 position gripped stabilizer arm design

KT NO.	inch	Overall length (mm)		
759-140	1/4	140	305	12 / 48

Power Driving

- Chrome vanadium alloy steel
- Anti-rust oiled , sand-blasted

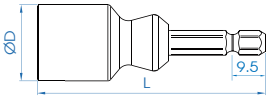
1/4" Hex size shank driver



75A1

- Threaded rod socket
- Fastest tool available to tighten or loosen threaded rods
- Automatic locking cams
- Will not damage the threads when used properly





KT NO.	Size mm	Size inch	D mm	L mm	Capacity Ø mm		
75A105M	5	3/16	22	66	4.6~5.0	60	10 / 200
75A106M	6	1/4	24	66	5.6~6.35	75	10 / 200
75A108M	8	5/16	24	66	7.6~8.0	74	10 / 200
75A110M	10	3/8	28	66	9.0~10.0	99	10 / 160
75A112M	12	1/2	28	66	11.4~12.7	98	10 / 160
75A114M	14	9/16	32	66	13.2~14.3	126	10 / 160
75A116M	16	5/8	32	66	15.2~16.0	125	10 / 160

760M

760S

- Nut setter
- Non magnetic type
- DIN 3126



KT NO.	mm	Overall length (mm)		
7606512M	12	65	50	6 / 72
7607510M	10	75	38	6 / 72

KT NO.	mm	Overall length (mm)		
7601012M	12	100	61	20 / 240

KT NO.	inch	Overall length (mm)		
7606508S	1/4	65	20	6 / 84
7606510S	5/16	65	30	6 / 84
7606512S	3/8	65	36	6 / 72

Power Driving

- Chrome vanadium alloy steel
- Anti-rust oiled , sand-blasted



1/4" Hex size shank driver

761M

- Nut setter
- Magnetic type
- DIN 3126

761S



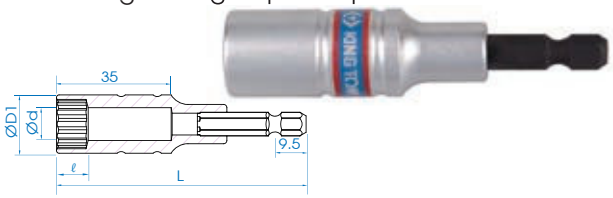
KT NO.	mm	Overall length (mm)	g	
7616505M	5	65	27	6 / 84
7616506M	6	65	26	6 / 84
7616507M	7	65	25	6 / 84
7616508M	8	65	30	6 / 84
7616510M	10	65	37	6 / 72
7616512M	12	65	52	6 / 72
7616513M	13	65	54	6 / 72
new 7616514M	14	65	52	6 / 20

KT NO.	mm	Overall length (mm)	g	
new 7611006M	6	100	38	5 / 25
7611008M	8	100	48	5 / 25
7611010M	10	100	54	5 / 25
7611012M	12	100	68	5 / 25
new 7611013M	13	100	71	5 / 25
new 7611014M	14	100	77	5 / 25
new 7611506M	6	150	58	5 / 25
7611507M	7	150	65	5 / 25
7611508M	8	150	67	5 / 25
new 7611510M	10	150	68	5 / 25
new 7611512M	12	150	103	5 / 25
new 7611513M	13	150	110	5 / 25
new 7611514M	14	150	115	5 / 25
new 7612006M	6	200	78	1 / 20
new 7612008M	8	200	93	1 / 20
new 7612010M	10	200	89	1 / 20
new 7612012M	12	200	128	1 / 20
7612014M	14	200	128	1 / 20

KT NO.	inch	Overall length (mm)	g	
7614208S	1/4	42	15	6 / 84
7614210S	5/16	42	17	6 / 84
7614512S	3/8	45	22	6 / 84
7616508S	1/4	65	30	6 / 84
7616510S	5/16	65	31	6 / 84
7616512S	3/8	65	37	6 / 72
7616514S	7/16	65	39	6 / 72

76B

- Deep well nut setter
- Deep hole for bolt & nut
- Press-fitted high-durability shank
- Use for tightening step clamp in construction



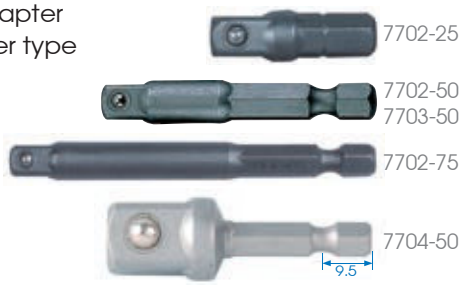
KT NO.	mm	D1 mm	ℓ mm	d mm	L mm	g	
76B808M	8	12.7	6	6	80	41	15 / 300
76B809M	9	13.2	6	7	80	40	15 / 300
76B810M	10	14.5	7	7	80	47	12 / 240
76B811M	11	15.8	7	9	80	52	12 / 240
76B812M	12	16.8	8	9	80	57	12 / 240
76B813M	13	17.8	9	10	80	62	12 / 240
76B814M	14	19.7	9	12	80	70	12 / 240
76B815M	15	20.8	10	12	80	77	12 / 240
76B816M	16	21.8	10	14	80	76	12 / 240
76B817M	17	23.8	11	14	80	95	12 / 144
76B819M	19	25.8	13	15	80	112	10 / 120
76B821M	21	27.8	13	19	80	113	10 / 120
76B822M	22	29.8	13	19	80	137	10 / 120
76B824M	24	31.8	13	21	80	146	6 / 72



1/4" & 3/8" & 1/2" Hex size shank driver

770

- Socket adapter
- Ball retainer type
- DIN 7428



KT NO.	■ Size	Overall length (mm)	g	
7702-25	1/4"	25	6	20 / 200
7702-50	1/4"	50	13	10 / 100
7702-75	1/4"	75	23	10 / 100
7703-50	3/8"	50	23	6 / 84
7704-50	1/2"	50	24	6 / 72

771

- Socket adapter
- Pin retainer type
- DIN 7428



KT NO.	■ Size	Overall length (mm)	g	
7712-02	1/4"	50	12	10 / 100
7712-03	1/4"	75	33	10 / 100
7713-02	3/8"	50	23	6 / 84

Power Driving

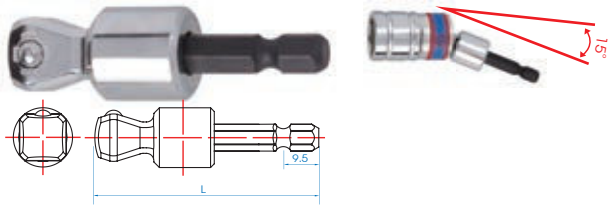
- Chrome vanadium alloy steel
- Anti-rust oiled , sand-blasted



1/4" & 3/8" & 1/2" Hex size shank driver

774

- Bit adapter
- Wobble function provides up to 15° accessibility

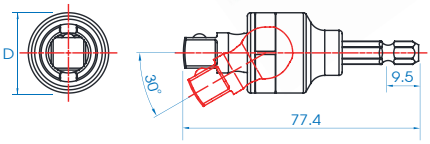


KT NO.	Size	L mm	g	
7743-56	3/8"	56	30	6 / 72
7744-60	1/2"	60	42	6 / 72

775

- Universal joint socket adapter
- Universal joint function provides up to 30° accessibility





KT NO.	Size	D mm	L mm	g	
7753-78	3/8"	25	77.4	90	6 / 120
7754-85	1/2"	29	84.5	127	6 / 96

Titanium Coated HSS Drill Bit Set

11101SQ 1/4"

- Titanium coated HSS drill set with standard 1/4" hex shank that will fit cordless screwdrivers, hand drills and impact drivers etc. or use in standard drill chuck
- Suitable for use with steel, wood, plastic etc
- Titanium nitride drill bits run cooler, drill smoother and last longer than standard bits
- High speed steel
- 120 deg. tips
- 1/4" hex shank for fast changes

Ø mm	Overall length mm
1.5	62
2	69
2.5	76.5
3	81.5
3.2	85
3.5	90
4	95
4.5	100
4.8	105
5	106



Hex Key

- Material - SNCM - V alloy steel
- Finishing - chrome plated



KT No. & D1

1145MR

- Standard arm type
- Allen head
- DIN ISO 2936



KT NO.	mm	mm	mm	g	
114515MR	H1.5	15.5	46.5	0.9	20 / 400
114502MR	H2	18.0	52.0	1	20 / 400
114525MR	H2.5	20.5	58.5	3	20 / 400
114503MR	H3	23.5	66.0	5	20 / 400
114504MR	H4	29.5	74.0	10	20 / 400
114505MR	H5	33.0	85.0	18	20 / 400
114555MR	H5.5	35.5	90.5	24	10 / 200
114506MR	H6	38.0	96.5	30	10 / 200
114507MR	H7	41.0	102	45	10 / 200
114508MR	H8	44.0	108	60	10 / 200
114510MR	H10	50.0	122	105	10 / 200

1145SR



KT NO.	inch	mm	mm	g	
114502SR	1/16	18.25	48.83	1	20 / 400
114525SR	5/64	19.84	51.98	1	20 / 400
114503SR	3/32	21.43	55.57	3	20 / 400
114504SR	1/8	24.62	62.72	5	20 / 400
114505SR	5/32	27.80	69.86	9	20 / 400
114506SR	3/16	30.95	77.00	15	20 / 400
114508SR	1/4	37.31	91.29	30	10 / 200
114510SR	5/16	42.08	105.58	56	10 / 200
114512SR	3/8	46.84	119.87	80	10 / 120
114516SR	1/2	53.70	145.70	196	10 / 120
114518SR	9/16	58.79	160.29	267	6 / 72
114520SR	5/8	63.88	174.88	361	6 / 72
114524SR	3/4	73.05	203.05	599	6 / 24

1125MR

- Extra long arm type
- Allen head
- DIN ISO 2936



KT NO.	mm	mm	mm	g	
112515MR	H1.5	15.5	91.5	1	20 / 400
112502MR	H2	18.0	102	3	20 / 400
112525MR	H2.5	20.5	114.5	5	20 / 400
112503MR	H3	23.0	129	8	20 / 480
112504MR	H4	29.0	144	18	20 / 300
112505MR	H5	33.0	165	31	20 / 300
112506MR	H6	38.0	186	51	20 / 400
112507MR	H7	41.0	197	78	20 / 240
112508MR	H8	44.0	208	104	10 / 100
112510MR	H10	50.0	234	182	10 / 100
112512MR	H12	57.0	262	290	8 / 48
112514MR	H14	70.0	294	451	8 / 48
112517MR	H17	80.0	337	770	4 / 32
112519MR	H19	89.0	380	863	4 / 16
112522MR	H22	102.0	422	1590	4 / 16

1125SR



KT NO.	inch	mm	mm	g	
112502SR	1/16	15.5	91.5	1	20 / 400
112525SR	5/64	18	102	3	20 / 400
112503SR	3/32	21	114.5	5	20 / 400
112504SR	1/8	23	129	8	20 / 400
112505SR	5/32	29	144	18	20 / 300
112506SR	3/16	33	165	31	20 / 300
112508SR	1/4	38	186	51	10 / 100
112510SR	5/16	44	208	104	10 / 100
112512SR	3/8	50	234	182	10 / 100
112516SR	1/2	57	262	290	8 / 48
112518SR	9/16	70	294	451	8 / 48

Hex Key Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated

20218MR

Spec.	Contents	0.33 kg / 12 / 72
knife type	H2, H2.5, H3, H4, H5, H6, H8, H10	

20219MR

Spec.	Contents	0.33 kg / 6 / 48
Standard arm	1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

20219SR

Spec.	Contents	0.33 kg / 6 / 48
Standard arm	1145SR	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8

20208MR

Spec.	Contents	0.43 kg / 8 / 48
Extra long arm	1125MR	H2, H2.5, H3, H4, H5, H6, H8, H10

20209MR

Spec.	Contents	0.49 kg / 8 / 48
Extra long arm	1125MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

20209SR02

Spec.	Contents	0.47 kg / 8 / 48
Extra long arm	1125MR	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8



20218MR 20219MR 20219SR



20208MR 20209MR 20209SR02

20208MR01

20208SR01

KT NO.	Spec.	Contents	1.25 kg / 1 / 20
20208MR01	Extra long arm	1125MR	H3, H4, H5, H6, H8, H10, H12, H14
20208SR01		1125SR	1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 1/2, 9/16



20210MR

Spec.	Contents	0.47 kg / 1 / 6
Extra long arm	1125MR	H3, H4, H5, H6, H7, H8, H10, H12, H14, H17



Spline L- wrench & Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated



KT No. & D1

1146MR

- Standard arm type
- For spline head screw

KT NO.	Size	mm	mm	g	
114605MR	M5	29	83	15	20 / 320
114606MR	M6	33	90	24	20 / 320
114608MR	M8	39	98	47	10 / 300
114610MR	M10	44	111	83	10 / 200
114612MR	M12	53	126	127	10 / 180



1126MR

- Extra long arm type
- For spline head screw

KT NO.	Size	mm	mm	g	
112605MR	M5	33	165	28	20 / 300
112606MR	M6	38	186	46	20 / 300
112608MR	M8	44	208	90	10 / 100
112610MR	M10	50	234	159	10 / 100
112612MR	M12	53	264	237	10 / 80



20505PR01

20515PR01

5 PC.

KT NO.	Spec.	Contents	Kg 0.333	6 / 54
20505PR01	Standard arm type	1146MR	M5, M6, M8, M10, M12	

KT NO.	Spec.	Contents	Kg 0.632	4 / 32
20515PR01	Extra long arm type	1126MR	M5, M6, M8, M10, M12	



20505PR01



20515PR01

Ball Hex Key

- Material - SNCM - V alloy steel
- Finishing - chrome plated


KT No. & D1

1130MR

- Long arm with ball point type
- DIN ISO 2936

KT NO.	mm	mm	mm	g	
113015MR	H1.5	15.5	63.5	1	20 / 400
113002MR	H2	18.0	77.0	2	20 / 400
113025MR	H2.5	20.5	87.5	4	20 / 400
113003MR	H3	23.0	93.0	7	20 / 400
113004MR	H4	29.0	104	14	20 / 400
113005MR	H5	33.0	120	25	20 / 300
113006MR	H6	38.0	141	41	10 / 160
113008MR	H8	44.0	158	84	10 / 150
113010MR	H10	50.0	180	145	10 / 150

1130SR



KT NO.	inch	mm	mm	g	
113002SR	1/16	15.5	78.5	1	20 / 400
113025SR	5/64	18.0	85.0	4	20 / 400
113003SR	3/32	20.5	87.5	3	20 / 400
113004SR	1/8	23.0	93.0	7	20 / 400
113005SR	5/32	29.0	104	14	20 / 400
113006SR	3/16	33.0	120	24	20 / 300
113007SR	7/32	35.5	130	33	10 / 150
113008SR	1/4	38.0	141	44	10 / 150
113010SR	5/16	44.0	158	82	10 / 150
113012SR	3/8	50.0	180	138	10 / 150

1120MR

- Extra long arm with ball point type
- DIN ISO 2936



KT NO.	mm	mm	mm	g	
112015MR	H1.5	15.5	91.5	1	20 / 400
112002MR	H2	18.0	102	3	20 / 400
112025MR	H2.5	20.5	114.5	5	20 / 400
112003MR	H3	23.0	129	8	20 / 480
112004MR	H4	29.0	144	18	20 / 300
112005MR	H5	33.0	165	31	20 / 300
112006MR	H6	38.0	186	51	20 / 400
112007MR	H7	41.0	197	78	20 / 400
112008MR	H8	44.0	208	104	10 / 100
112010MR	H10	50.0	234	182	10 / 100



Ball Hex Key Set

20107MR01

Spec.	Contents	0.37 / 10 / 60
Long arm / ball	1130MR	H2.5, H3, H4, H5, H6, H8, H10

20107SR

Spec.	Contents	0.36 / 10 / 60
Long arm / ball	1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8

20108MR

Spec.	Contents	0.43 / 8 / 48
Extra long arm / ball	1120MR	H2, H2.5, H3, H4, H5, H6, H8, H10

20109MR

Spec.	Contents	0.49 / 8 / 48
Extra long arm / ball	1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

20110MR

Spec.	Contents	0.39 / 6 / 60
Long arm / ball	1130MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

20129SR

Spec.	Contents	0.39 / 6 / 60
Long arm / ball	1130SR	1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8

7 PC.



20107MR01

7 PC.



20107SR

8 PC.



20108MR

9 PC.



20109MR

9 PC.

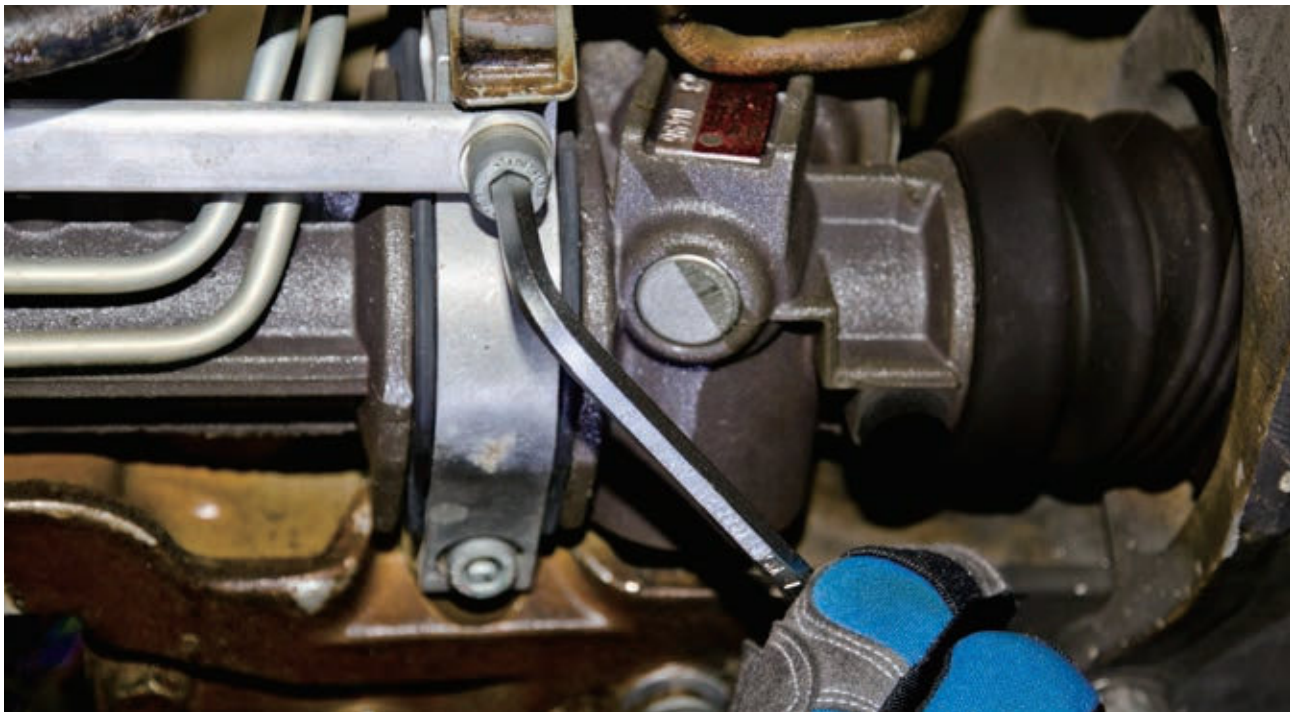


20110MR

9 PC.



20129SR



Star L- wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated


KT No. & D1

1143R

- Standard arm type
- For torx head screw

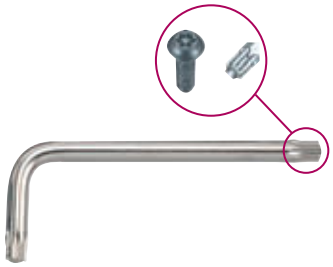
KT NO.	Size	mm	mm		
114310R	T10	19	49	3	20 / 400
114315R	T15	19.5	56.5	5	20 / 400
114320R	T20	23	62	8	20 / 400
114325R	T25	24.5	69.5	11	20 / 400
114327R	T27	29	77	15	20 / 400
114330R	T30	35	86	24	10 / 200
114340R	T40	42	97	39	10 / 200
114345R	T45	47	110	57	10 / 200
114350R	T50	50	124	80	10 / 200



1147R

- Standard arm type
- Tamper resistant type
- For torx head screw

KT NO.	Size	mm	mm		
114710R	T10H	18	50.0	3	20 / 400
114715R	T15H	20	55.5	5	20 / 400
114720R	T20H	24	61.5	8	20 / 400
114725R	T25H	26	67.5	11	20 / 400
114727R	T27H	30	75.5	15	20 / 400
114730R	T30H	36	85.5	24	10 / 200
114740R	T40H	41	96.5	39	10 / 200
114745R	T45H	46	107	57	10 / 200
114750R	T50H	52	122	80	10 / 200



1123R

- Extra long arm type
- For torx head screw

KT NO.	Size	mm	mm		
112310R	T10	18	91.5	5	20 / 400
112315R	T15	20	103	8	20 / 400
112320R	T20	22	115	12	20 / 400
112325R	T25	25	130	18	20 / 300
112327R	T27	29	145.5	25	20 / 300
112330R	T30	35	165	42	20 / 300
112340R	T40	40	182	63	10 / 100
112345R	T45	45	202	92	10 / 100
112350R	T50	49	225	130	10 / 100



1127R

- Extra long arm type
- Tamper resistant type
- For torx head screw

KT NO.	Size	mm	mm		
112710R	T10H	18	91.5	5	20 / 400
112715R	T15H	20	103	8	20 / 400
112720R	T20H	22	115	12	20 / 400
112725R	T25H	25	130	17	20 / 300
112727R	T27H	29	145.5	24	20 / 300
112730R	T30H	35	165	40	20 / 300
112740R	T40H	40	182	61	10 / 100
112745R	T45H	45	202	89	10 / 100
112750R	T50H	49	225	126	10 / 100



Star L- wrench Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated

20307PR

Spec.	Contents	0.13 kg / 15 / 120
Standard arm	1143R	T10, T15, T20, T25, T27, T30, T40



20307PR

20407PR

Spec.	Contents	0.13 kg / 15 / 120
Standard arm / Tamper resistant	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H



20407PR

20308PR

Spec.	Contents	0.20 kg / 12 / 72
knife type	T9, T10, T15, T20, T25, T27, T30, T40	



20308PR

20318PR

Spec.	Contents	0.20 kg / 12 / 72
knife type	T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H	



20318PR

20309PR

Spec.	Contents	0.3 kg / 6 / 48
Standard arm	1143R	T10, T15, T20, T25, T27, T30, T40, T45, T50



20309PR / 20409PR

20319PR

Spec.	Contents	0.45 kg / 8 / 48
Extra long arm	1123R	T10, T15, T20, T25, T27, T30, T40, T45, T50



20319PR / 20419PR

20409PR

Spec.	Contents	0.34 kg / 6 / 48
Standard arm / Tamper resistant	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

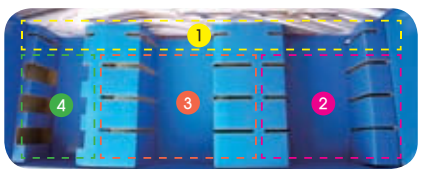
20419PR

Spec.	Contents	0.47 kg / 8 / 48
Extra long arm / Tamper resistant	1127R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

Paper Display Stand for Hex Key Wrench Set

87119

- Capacity : 12 sets
- For Allen, Spline, Ball, torx with hole, ex:
  (1) 20309PR, 20409PR
  (2) 20108MR, 20109MR, 20319PR, 20419PR, 20208MR, 20209MR
  (3) 20107MR01, 20107SR, 20219MR,20307PR, 20407PR, 20308PR
  (4) 20218MR, 20505PR, 20515PR
- Size: 393 x 154 x 345 mm
- 0.47g / CUFT 49.4





Bicycle Repair Tool

20A16MR

▪ 16-in-1 bicycle repair tool set

Contents	0.27 kg	10 / 60
H2, H2.5, H3, H4, H5, H6		
8, 9, 10 mm		
PH2		
5.0		
Spoke Wrench: 14GE		
Extension bar 1/4" DR		
Wrench : 8 / 10 / 15 mm		



20A17MR

▪ 20-in-1 bicycle repair tool set

Contents	0.28 kg	10 / 60
H2, H2.5, H3, H4, H5, H6		
9, 10, 12, 13, 15		
PH2		
5.0		
Socket : 8mm		
Spoke Wrench: 14GE / 15GE / 0.136"		
Chain Wrench x 1		
Tire Lever x 2		



Aluminum Folding Hex Key Wrench Set

20317MR

▪ 7-in-1 aluminum folding hex key wrench set

Spec	Contents	0.09 kg	10 / 200
knife type	H1.5, H2, H2.5, H3, H4, H5, H6		



Aluminum Folding Tool Set

20306PR

▪ 6-in-1 aluminum folding tool set

Spec	Contents	0.11 kg	12 / 72
knife type	H3, H4, H5, H6		
	PH2		
	5.0		



L- type Wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip



KT No. & D1

1160MR

▪ Hexagon with ball point head

KT NO.	mm	mm	mm		
116002MR	H2	95	145	19	10 / 200
116025MR	H2.5	95	145	21	10 / 200
116003MR	H3	95	145	25	10 / 200
116004MR	H4	95	145	32	10 / 200
116005MR	H5	150	215	74	10 / 200
116006MR	H6	150	215	92	10 / 200
116007MR	H7	150	215	120	10 / 200
116008MR	H8	200	280	212	10 / 80
116010MR	H10	200	280	289	10 / 80



1163R

▪ For torx internal screw
▪ Tamper resistant type

KT NO.	Size	mm	mm		
116310R	T10H	95	145	24	10 / 200
116315R	T15H	95	145	27	10 / 200
116320R	T20H	95	145	31	10 / 200
116325R	T25H	95	145	35	10 / 200
116327R	T27H	150	215	69	10 / 200
116330R	T30H	150	215	86	10 / 200
116340R	T40H	150	215	105	10 / 200
116345R	T45H	200	280	181	10 / 80
116350R	T50H	200	280	214	10 / 80



1165MR

▪ For hexagon head screw

KT NO.	mm	mm	mm		
116502MR	H2	95	145	19	10 / 200
116525MR	H2.5	95	145	21	10 / 200
116503MR	H3	95	145	25	10 / 200
116504MR	H4	95	145	32	10 / 200
116505MR	H5	150	215	74	10 / 200
116506MR	H6	150	215	92	10 / 200
116507MR	H7	150	215	120	10 / 200
116508MR	H8	200	280	212	10 / 80
116510MR	H10	200	280	289	10 / 80



L- type Wrench Set

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

22106MR

Spec.	Contents	0.68 kg / 1 / 20
Ball & hex two way type	1160MR	H3, H4, H5, H6, H7, H8

22108MR

Spec.	Contents	0.97 kg / 1 / 10
Ball & hex two way type	1160MR	H2, H2.5, H3, H4, H5, H6, H8, H10

22208MR

Spec.	Contents	0.97 kg / 1 / 10
Hex head	1165MR	H2, H2.5, H3, H4, H5, H6, H8, H10

22306PR

Spec.	Contents	0.46 kg / 1 / 20
torx head / Tamper resistant	1163R	T10H, T15H, T20H, T25H, T30H, T40H

22309PR

Spec.	Contents	1.00 kg / 1 / 10
torx head / Tamper resistant	1163R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

22118MR

Spec.	Contents	1.10 kg / 1 / 12
Ball & hex two way type	1160MR	H2, H2.5, H3, H4, H5, H6, H8, H10

22218MR

Spec.	Contents	1.10 kg / 1 / 12
Hex head	1165MR	H2, H2.5, H3, H4, H5, H6, H8, H10

22319PR

Spec.	Contents	1.20 kg / 1 / 12
torx head / Tamper resistant	1163R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H



22106MR



22108MR



22208MR



22306PR



22309PR



22118MR



22218MR



22319PR

T - type Wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip



KT No. & D1

1150MR

▪ Hexagon with ball point head

KT NO.	mm	mm	mm	mm		
115002MR	H2	100	137	90.4	28	10 / 200
115025MR	H2.5	100	137	90.4	30	10 / 200
115003MR	H3	100	137	90.4	32	10 / 200
115004MR	H4	100	137	90.4	38	10 / 200
115005MR	H5	150	188	100	65	10 / 200
115006MR	H6	150	188	100	79	10 / 200
115008MR	H8	200	240	120	159	10 / 120
115010MR	H10	200	240	120	217	10 / 120



1155MR

▪ Hexagon head

KT NO.	mm / inch	mm	mm	mm		
115502MR	H2	100	137	90.4	28	10 / 200
115525MR	H2.5	100	137	90.4	30	10 / 200
115503MR	H3	100	137	90.4	32	10 / 200
115504MR	H4	100	137	90.4	38	10 / 200
115505MR	H5	150	188	100	65	10 / 200
115506MR	H6	150	188	100	79	10 / 200
115508MR	H8	200	240	120	159	10 / 120
115510MR	H10	200	240	120	217	10 / 120

1155SR new

KT NO.	mm / inch	mm	mm	mm		
new 115525SR	5/64	100	137	90.4	28	10/200
new 115503SR	3/32	100	137	90.4	30	10/200
new 115504SR	1/8	100	137	90.4	32	10/200
new 115505SR	5/32	100	137	90.4	38	10/200
new 115506SR	3/16	150	188	100	65	10/200
new 115508SR	1/4	150	188	100	79	10/200
new 115510SR	5/16	200	240	120	159	10/120
new 115512SR	3/8	200	240	120	217	10/120



1153R

▪ For torx head screw

KT NO.	mm	mm	mm	mm		
115310R	T10	100	137	90.4	40	10 / 200
115315R	T15	100	137	90.4	40	10 / 200
115320R	T20	100	137	90.4	40	10 / 200
115325R	T25	100	137	90.4	40	10 / 200
115327R	T27	150	188	100	73	10 / 200
115330R	T30	150	188	100	74	10 / 200
115340R	T40	150	188	100	88	10 / 200
115345R	T45	200	240	120	173	10 / 120
115350R	T50	200	240	120	173	10 / 120



11A3R

▪ For torx head screw

▪ Length: 200mmL

KT NO.	Size	mm	mm	mm		
11A310R	T10	200	237	90.4	52.8	12 / 192
11A315R	T15	200	237	90.4	53.0	12 / 192
11A320R	T20	200	237	90.4	53.2	12 / 192
11A325R	T25	200	237	90.4	53.4	12 / 192
11A327R	T27	200	238	100	86.4	10 / 160
11A330R	T30	200	238	100	86.4	10 / 160
11A340R	T40	200	238	100	104.8	10 / 160



T - handle Wrench

- Material - Chrome vanadium steel
- Finishing - chrome plated


KT No. & D1

1195M

- 6 Point
- For hexagon head screw
- The handle pin can be removed for another wrench



KT NO.	mm	mm	mm	g	
119502M	H2	64	126.5	22	10 / 200
119525M	H2.5	64	126.5	22	10 / 200
119503M	H3	64	126.5	23	10 / 200
119504M	H4	89.5	181	62	10 / 200
119505M	H5	89.5	182	65	10 / 200
119506M	H6	105	210	120	6 / 48
119508M	H8	124	250	224	4 / 32
119510M	H10	145	300	386	5 / 50





T - type Wrench & Set

21108MR

Spec.	Contents	1.1	1 / 12
Ball hex type	1150MR	H2, H2.5, H3, H4, H5, H6, H8, H10	

8 PC.


21108MR

21208MR

21208SR new

Spec.	Contents	1.1	1 / 12
Hexagon type	1155MR	H2, H2.5, H3, H4, H5, H6, H8, H10	
	1155SR	5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	

8 PC.


21208MR

8 PC.


21208SR

9 PC.


21309PR

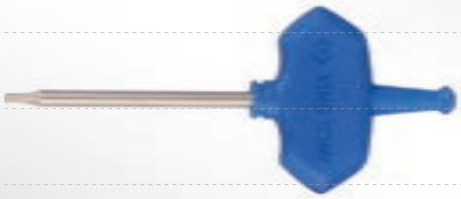
21309PR

Spec.	Contents	1.2	1 / 12
torx head type	1153R	T10, T15, T20, T25, T27, T30, T40, T45, T50	

Torx Screwdriver



1153A
Wing Handle torx Screwdriver



KT NO.	Size	mm	mm	mm	g	
1153A05R	T5	45	84	35	6	20 / 200
1153A06R	T6	45	84	35	6	20 / 200
1153A07R	T7	45	84	35	6	20 / 200
1153A08R	T8	45	84	35	6	20 / 200
1153A09R	T9	45	84	35	9	20 / 200
1153A10R	T10	45	84	35	9	20 / 200
1153A15R	T15	45	84	35	9	20 / 200
1153A20R	T20	45	84	35	9	20 / 200

1163A
Flag Handle torx Screwdriver



KT NO.	Size	mm	mm	mm	g	
1163A05R	T5	45	84	30.9	7	20 / 200
1163A06R	T6	45	84	30.9	7	20 / 200
1163A07R	T7	45	84	30.9	7	20 / 200
1163A08R	T8	45	84	30.9	7	20 / 200
1163A09R	T9	45	84	30.9	9	20 / 200
1163A10R	T10	45	84	30.9	9	20 / 200
1163A15R	T15	45	84	30.9	9	20 / 200
1163A20R	T20	45	84	30.9	9	20 / 200

23308PR
Wing Handle torx Screwdriver Set



8 PC.

Contents 264 g 1 / 20

1153A T5, T6, T7, T8, T9, T10, T15, T20

24308PR
Flag Handle torx Screwdriver Set



8 PC.

Contents 272 g 1 / 20

1163A T5, T6, T7, T8, T9, T10, T15, T20

Notes



IC SPECIALIZED TOOLS

- Precision Pliers
- Precision Screwdriver
- Soldering & Desoldering
- Tweezers
- Soldering Iron Stand
- Punch Down Tools

MEASURING TOOLS

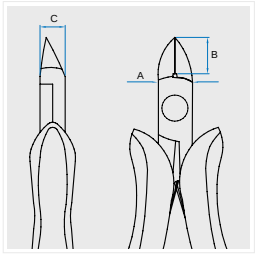
- Digital Multimeter
- Tester Tools


KING TONY
PROFESSIONAL MANUFACTURE
OFF

Precision Pliers

6207-05 — Diagonal cutting nippers

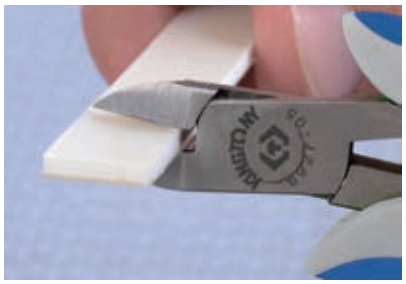


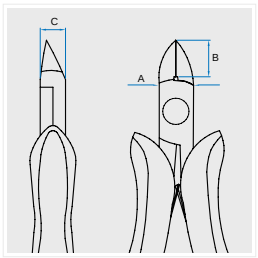


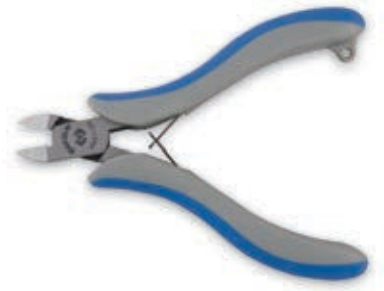


KT NO.	Overall length inch	Overall length mm	Cutting capacities ⊙ ø mm	Cutting capacities ● ø mm	α	A mm	B mm	C mm	D mm	g	
6207-05	4-3/4	118	2.0	1.6	-	10.8	11.5	7.1	-	88	6 / 120

6927-05 — For plastic



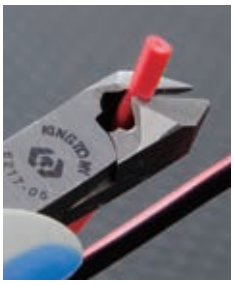


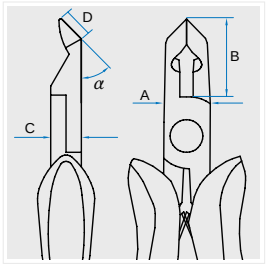


KT NO.	Overall length inch	Overall length mm	Cutting capacities ⊙ ø mm	Cutting capacities ● ø mm	α	A mm	B mm	C mm	D mm	g	
6927-05	4-3/4	118	-	-	-	10.3	11.5	7.1	-	71	6 / 120

6217-05 — Diagonal cutting nippers



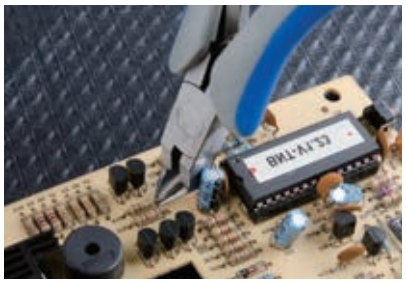


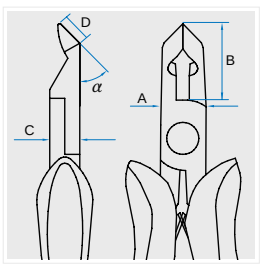




KT NO.	Overall length inch	Overall length mm	Cutting capacities ⊙ ø mm	Cutting capacities ● ø mm	α	A mm	B mm	C mm	D mm	g	
6217-05	4-3/4	118	2.0	1.0	35°	11.8	17	12.7	17.7	76	6 / 120

6247-05 — Diagonal cutting nippers







KT NO.	Overall length inch	Overall length mm	Cutting capacities ⊙ ø mm	Cutting capacities ● ø mm	α	A mm	B mm	C mm	D mm	g	
6247-05	5	125	1.0	0.5	45°	11.4	19.4	7.5	55	73	6 / 120

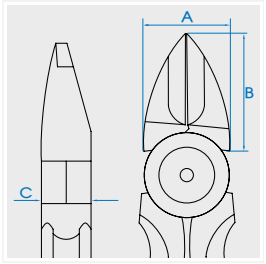
Precision Pliers

6271C — Diagonal cutting nippers

- The cutting edge hardness at least 73° HRC up





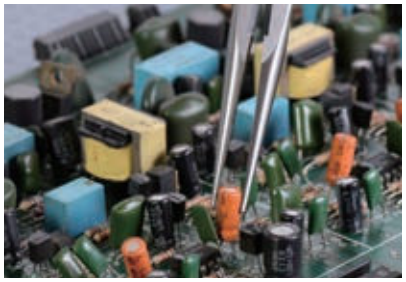


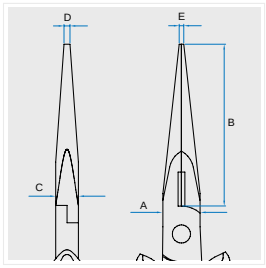


- The cutting edge is made from tungsten steel for an extremely long service life.

KT NO.	Overall length inch	Overall length mm	●	A mm	B mm	C mm	g	
6271-05C	5	125	0.6	13.2	15	7.1	77	6 / 120
6271-65C	6-1/2	160	0.6	19.2	26	10.7	151	6 / 120

6317-06 — Long nose pliers



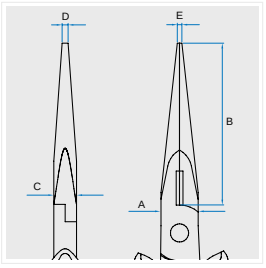




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	A mm	B mm	C mm	D mm	E mm	g	
6317-06	6	157	2.0	1.6	11.6	50	7.5	2	2	84	6 / 120

6367-06 — Half-round nose pliers



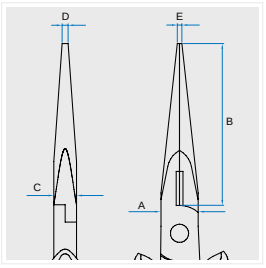




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	A mm	B mm	C mm	D mm	E mm	g	
6367-06	6	154	2.0	1.6	11.7	46	7.5	1.5	1.7	78	6 / 120

6377-55 — Half-round nose pliers



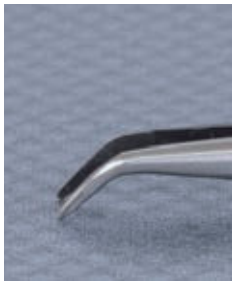


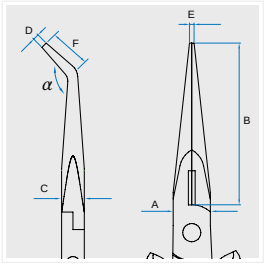


KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	A mm	B mm	C mm	D mm	E mm	g	
6377-55	5-1/2	138	2.0	1.6	11.3	30	7.5	1.5	1.5	97	6 / 120

Precision Pliers

6337-06 — Bent nose pliers

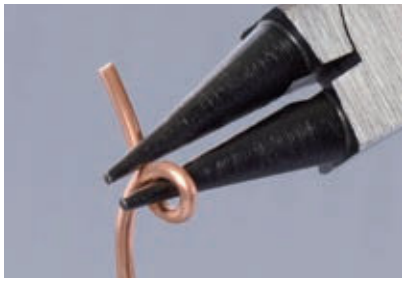
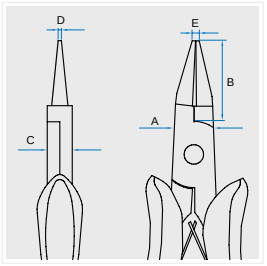


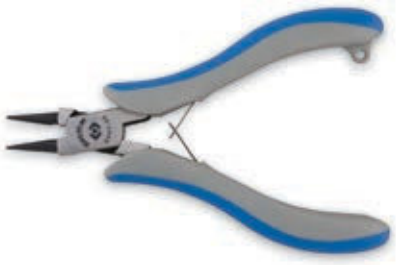




KT NO.	Overall length inch	Overall length mm	Cutting capacities ø mm	Cutting capacities ø mm	α	A mm	B mm	C mm	D mm	E mm	F mm	g	
6337-06	6	154	2.0	1.6	40°	11.3	50	7.5	2	2.5	14	84	6 / 120

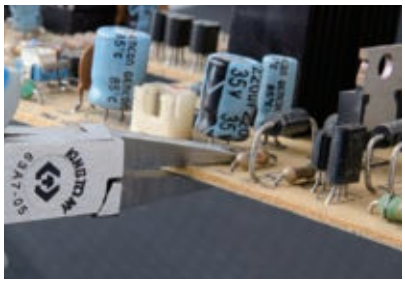
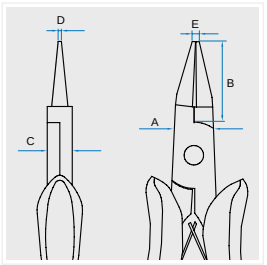
6347-05 — Round-nose pliers

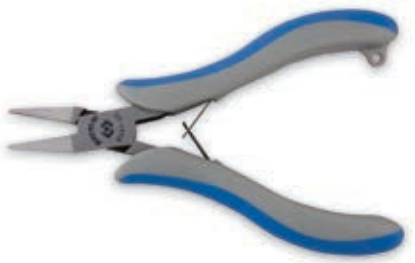





KT NO.	Overall length inch	Overall length mm	A mm	B mm	C mm	D mm	E mm	g	
6347-05	5	128	11.4	24.9	7.5	1	2.14	74	6 / 120

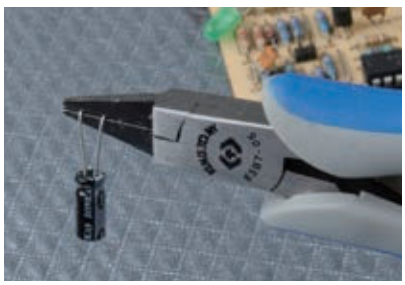
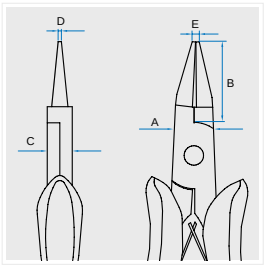
63A7-05 — Round-nose pliers

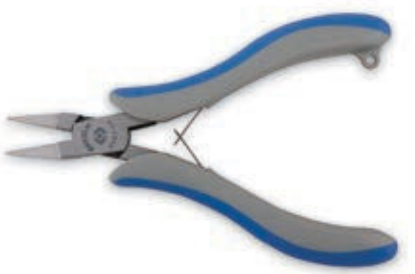





KT NO.	Overall length inch	Overall length mm	A mm	B mm	C mm	D mm	E mm	g	
63A7-05	5	128	11.5	24.7	7.5	3.3	1.8	75	6 / 120

63B7-05 — Round-nose pliers



KT NO.	Overall length inch	Overall length mm	A mm	B mm	C mm	D mm	E mm	g	
63B7-05	5	128	11.5	24.7	7.5	1.3	1.8	74	6 / 120

Precision Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP
- Finishing - chrome plated with black tip

1431

- Phillips head, hex-shank
- DIN ISO 8764

KT NO.	No.	Ø mm	mm		
14313015	PH000	1.5	40	7	10 / 320
14312015	PH00	2.0	40	7	10 / 320
14311015	PH0	3.0	40	13	10 / 100
14311115	PH1	4.0	40	16	10 / 100
14313003	PH000	1.5	75	8	10 / 320
14312003	PH00	2.0	75	8	10 / 320
14311003	PH0	3.0	75	14	10 / 100
14311103	PH1	4.0	75	18	10 / 100



1432

- Slotted head, round shank
- Metric size
- DIN 5263

KT NO.	mm	mm	mm	Ø mm		
14320615	0.6	0.15	40	3.0	9	10 / 320
14320815	0.8	0.19	40	3.0	9	10 / 320
14321015	1.0	0.20	40	3.0	9	10 / 320
14321515	1.5	0.23	40	3.0	10	10 / 320
14321815	1.8	0.30	40	3.0	10	10 / 320
14322015	2.0	0.40	40	2.0	11	10 / 100
14322515	2.5	0.40	40	2.5	12	10 / 100
14323015	3.0	0.50	40	3.0	13	10 / 100
14323515	3.5	0.60	40	3.5	14	10 / 100
14324015	4.0	0.80	40	4.0	16	10 / 100
14321003	1.0	0.20	75	3.0	11	10 / 320
14321503	1.5	0.23	75	3.0	11	10 / 320
14321803	1.8	0.30	75	3.0	11	10 / 320
14322003	2.0	0.40	75	2.0	11	10 / 100
14322503	2.5	0.40	75	2.5	13	10 / 100
14323003	3.0	0.50	75	3.0	15	10 / 100
14323503	3.5	0.60	75	3.5	16	10 / 100
14324003	4.0	0.80	75	4.0	18	10 / 100



1433

- For torx head, round shank

KT NO.	Size	Ø mm	mm		
14330415	T4	3	40	10	10 / 320
14330515	T5	3	40	10	10 / 320
14330615	T6	3	40	10	10 / 100
14330715	T7	3	40	10	10 / 100
14330815	T8	3	40	10	10 / 320
14330902	T9	4	50	16	10 / 100
14331002	T10	4	50	16	10 / 100
14331502	T15	4	50	16	10 / 100
14332002	T20	4	50	16	10 / 100
14330403	T4	3	75	11	10 / 320
14330503	T5	3	75	11	10 / 320
14330603	T6	3	75	11	10 / 320
14330703	T7	3	75	11	10 / 320
14330803	T8	3	75	11	10 / 320
14330903	T9	4	75	18	10 / 100
14331003	T10	4	75	18	10 / 100
14331503	T15	4	75	18	10 / 100
14332003	T20	4	75	18	10 / 100



Precision Screwdriver

91230

- Screwdriver handle for interchangeable blades 2431, 2433
- Handle material - polypropylene (PP)

KT NO.	mm		
91230	100	12	10 / 100



2431

- Combination type
- Phillips / Slotted head, hexagonal shank
- Blade material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

KT NO.	No.	mm	mm	mm	mm		
24312020	PH00	2.0	0.30	4	120	11	20 / 200
24311030	PH0	3.0	0.50	4	120	11	20 / 200
24311140	PH1	4.0	0.60	4	120	11	20 / 200

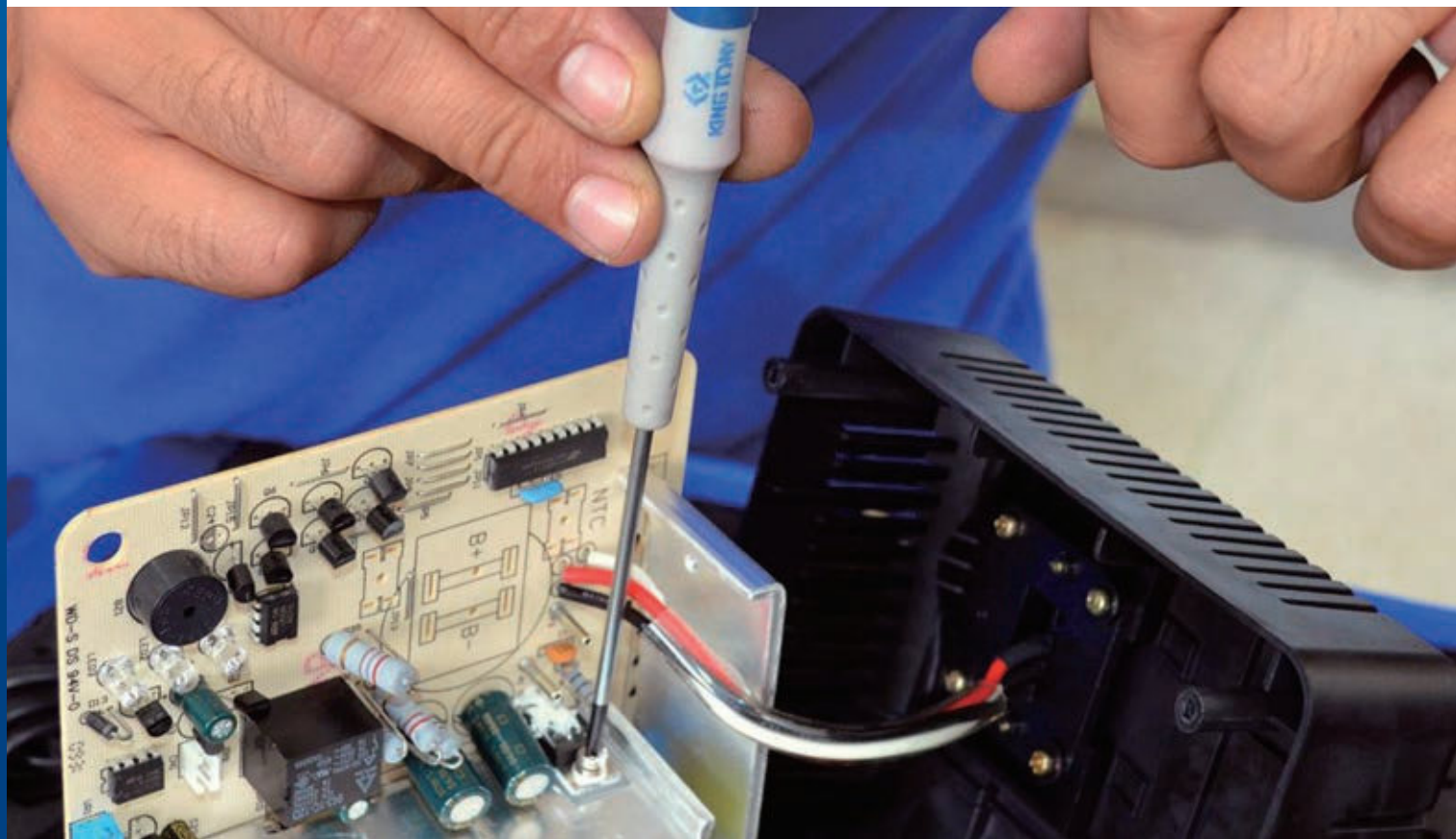


2433

- Combination type
- Torx head, hexagonal shank
- Blade material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

KT NO.	Size	mm	mm		
24330610	T6 x T10	4	120	11	20 / 200
24330715	T7 x T15	4	120	11	20 / 200
24330820	T8 x T20	4	120	11	20 / 200
24330915	T9 x T15	4	120	11	20 / 200





Precision Screwdriver Set

32218MR

Contents — 0.32 kg — 1 / 30

1432	1.0 x 75, 1.5 x 75, 1.8 x 75, 2.0 x 75, 2.5 x 75, 3.0 x 75, 3.5 x 75, 4.0 x 75

32209MR

Contents — 0.26 kg — 1 / 30

1432	0.8 x 40, 1.0 x 40, 1.5 x 40, 1.8 x 40, 2.0 x 40, 2.5 x 40, 3.0 x 40, 3.5 x 40, 4.0 x 40

32108MR

Contents — 0.24 kg — 1 / 30

1431	PH000 x 40, PH00 x 40,PH0 x 40, PH1 x 40
1432	1.5 x 40, 2.0 x 40, 2.5 x 40, 3.0 x 40

32118MR

Contents — 0.32 kg — 1 / 30

1431	PH000 x 75, PH.00 x 75, PH0 x 75, PH1 x 75
1432	1.5 x 75, 2.0 x 75, 2.5 x 75, 3.0 x 75

32309PR

Contents — 0.26 kg — 1 / 30

1433	T4 x 40, T5 x 40, T6 x 40, T7 x 40, T8 x 40, T9 x 50, T10 x 50, T15 x 50, T20 x 50

32607MR

Contents — 0.22 kg — 1 / 30

2431	PH00 x 2.0, PH0 x 3.0, PH1 x 4.0
2433	T6 x T10, T7 x T15, T8 x T20, T9 x T15



32218MR



32209MR



32108MR



32118MR



32309PR



32607MR

31419MR

- Precision screwdriver set

KT NO.	Contents		Each Q'ty
31419MR	1431	PH000 x 40, PH00 x 40, PH0 x 40, PH1 x 40	6
	1432	0.6 x 40, 0.8 x 40, 1.0 x 40, 1.5 x 40, 1.8 x 40, 2.0 x 40, 2.5 x 40, 3.0 x 40, 3.5 x 40, 4.0 x 40	
	1433	T4 x 40, T5 x 40, T6 x 40, T7 x 40, T8 x 40	



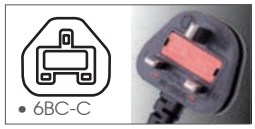
Screwdriver shelf size (mm) : 383 x 136 x 130

KT NO.	kg	CUFT
31419MR-A	0.79	0.23
31419MR-D	1.17	0.14

Soldering Iron











6BC23 30W

6BC24 40W

6BC26 60W

6BC210 100W

- 110V~240V, 30W, 40W, 60W, 100W
- For electrical and stained glass work
- Lightweight handle
- Replaceable tip
- No CE certification

KT NO.	Voltage V	Rating W	g	
6BC23A	220-240	30	160	54
6BC23B	220-240	30	125	54
6BC23C	220-240	30	196	32
6BC23D	220-240	30	160	32
6BC23F	110-120	30	125	54
6BC24A	220-240	40	125	54
6BC24B	220-240	40	125	54
6BC24C	220-240	40	196	32
6BC24F	110-120	40	125	54
6BC26A	220-240	60	166	54
6BC26B	220-240	60	166	54
6BC26C	220-240	60	216	32
6BC26F	110-120	60	166	54
6BC210A	220-240	100	210	20
6BC210B	220-240	100	210	20
6BC210C	220-240	100	330	20
6BC210D	220-240	100	288	20
6BC210F	110-120	100	210	20



6BC23 / 6BC24 / 6BC26



6BC210

Soldering Iron Tip (Conical Type)

6BC23-1

6BC26-1

6BC26-3

- Copper-based iron tips are manufactured using patented process which produces a uniform iron and chrome plating thickness
- All tips are pre-tinned

KT NO.	Rating W	Ø mm	g	
6BC23-1	30	4	13	100 / 4200
	40	4	13	100 / 4200
6BC26-1	60	6	16	100 / 1600
6BC26-3	60	6	16	100 / 1600



6BC23-1



6BC26-1



6BC26-3

Gas Soldering Iron Set

6BC3007

- Power range : 30W-150W
- Cordless
- Four different tips
- Soldering temperature can be adjusted:400°C~450°C (750°F~840°F)
- Tank fuel for 90 minutes of operation
- Torch temperature:1300°C (2400°F)
- Fuel capacity: 20ml
- Ready to use 45 seconds after ignition
- Pure butane gas

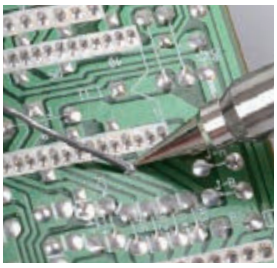
8 PC.



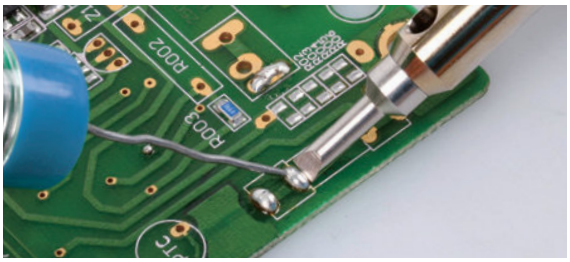


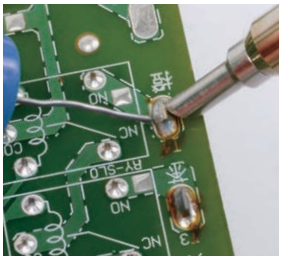














KT NO.	Contents	Kg 0.45 / 20
6BC372		Gas saldering iron 257mm
	+	
6BC372-1		Conical
6BC372-2		2.5mm round
6BC372-3		3.5mm chisel
6BC372-4		4.5mm angle
6BC372-5		Reflector
6BF21-17		Desolder wire / Sn 99.3%, Cu 0.7%
		Foam

Desolder Wire

6BF11-17

- 40% lead and 60% tin

KT NO.	Size mm	g	
6BF11-17	1.0	17	20 / 480



Desoldering Pump

6BD11

- One-hand operation
- ABS Body, teflon nozzle



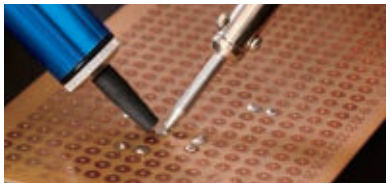


KT NO.	Overall length mm	g	
6BD11	195	42	8 / 32

6BD22

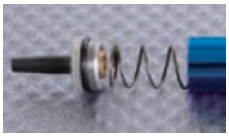
- Anti-static solder desoldering pump
- Teflon suction head
- Aluminum body







• Turn down the body



• Clean



• Turn up the body

KT NO.	Overall length mm	g	
6BD22	197	85	50 / 100

Soldering Aid

6BE11-07 new

- Brush / Scraper:
  For removing flux residue and surplus solder

6BE12-07 new

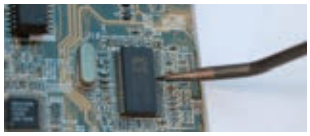
- Scraper / Curved Probe:
  For component and lead extraction

6BE16-07 new

- Pointed / Slotted Probe:
  Fits wire up to 22AWG.
  For wrapping and unwrapping etc

KT NO.	Overall length mm	g	
6BE11-07	175	15	1 / 200
6BE12-07	175	15	1 / 200
6BE16-07	180	15	1 / 200











Straight Fine Point Tweezers

6AF11-125

- Stainless steel with straight fine point
- Used for soldering integrated circuit chip, installing or replacing components
- It's suitable for doing precise repairing work



KT NO.	Overall length mm	g	
6AF11-125	124	16	50 / 800

Reverse Action Tweezers

6AF21-165

- Stainless steel with tapered tips and flat points
- For holding small parts when soldering or spraying



KT NO.	Overall length mm	g	
6AF21-165	172	29	30 / 480

Mini Soldering Iron Stand

6BC100

- Lightweight and high temperature bakelite resistance
- Mini size, easy to take
- Used for holding solder iron

12 g | 12 / 240



Soldering Iron Stand with Sponge

6BC200

- Suitable for most pencil type soldering irons
- Convenient for easy storage
- Sponge for tip cleaning
- Double spiral spring construction prevents the hot soldering iron from accidentally burning the surface of other objects when it is inserted into the stand

187 g | 4 / 24



Punch Down Tool

6AH

- For setting wire into terminal blocks or cut off wire end after terminated
- Blade : 66 & 110/88 & Krone type



KT NO.	Type	Overall length inch	Overall length mm	g	pcs/box
6AH11	110/88	6-3/4	170	140	1 / 80
6AH12	KRONE	6-3/4	170	140	1 / 80
6AH13	66	6-3/4	170	140	1 / 80
6AH14	66 &110/88	6-3/4	170	140	1 / 80

6AH01-1



FOR USE ON 110/88 TYPE

6AH01-2



FOR USE ON KRONE TYPE

6AH01-3

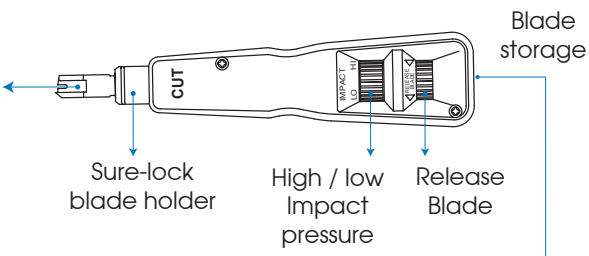


FOR USE ON 66 TYPE

6AH01-4



FOR USE BOTH 66 & 110/88 TYPE

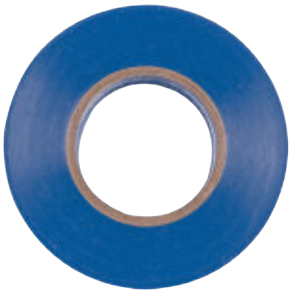




PVC Electrical Insulation Tape

6AG11-20 new

KT NO.	Overall length mm	g	pcs/box
6AG11-20	18	52	1 / 250



Electronic Tool Set

90217PQ

▪ To repair electronic equipment....etc.

90217PQ
6BC23B
Soldering iron 220V/30W

90217PQ01
6BC23A
Soldering iron 220V/30W

90217PQ02
6BC23D
Soldering iron 220V/30W

90217PQ03
6BC23F
Soldering iron 110V/30W



17 PC.

Contents

1260 | 1 / 8

1412	3x75, 5.5x100, 6.5x100
1411	PH0x75, PH1x100, PH2x100


6207-05

6377-55

6741-06

3611-06R

6BC23

6BF11-17

6BD11

7976-65

6AF11-125

6CB02

6BC100

91038MY01 new

▪ To repair electronic & electrician equipment...etc

Contents

3130 | 1

1421	PH0x60, PH1x80, PH2x100
1422	3x75, 5x75, 6.5x100


6207-05

6377-55

6313-06

6AB12-55

6732-09

6BF11-17

6BD11

7976-65

6AF11-125

87137

6AG11-20

6BE11-07

6BE12-07

6BE16-07

6BC200

6BC24A
220V / 40W

9DM1361

1036ZQ

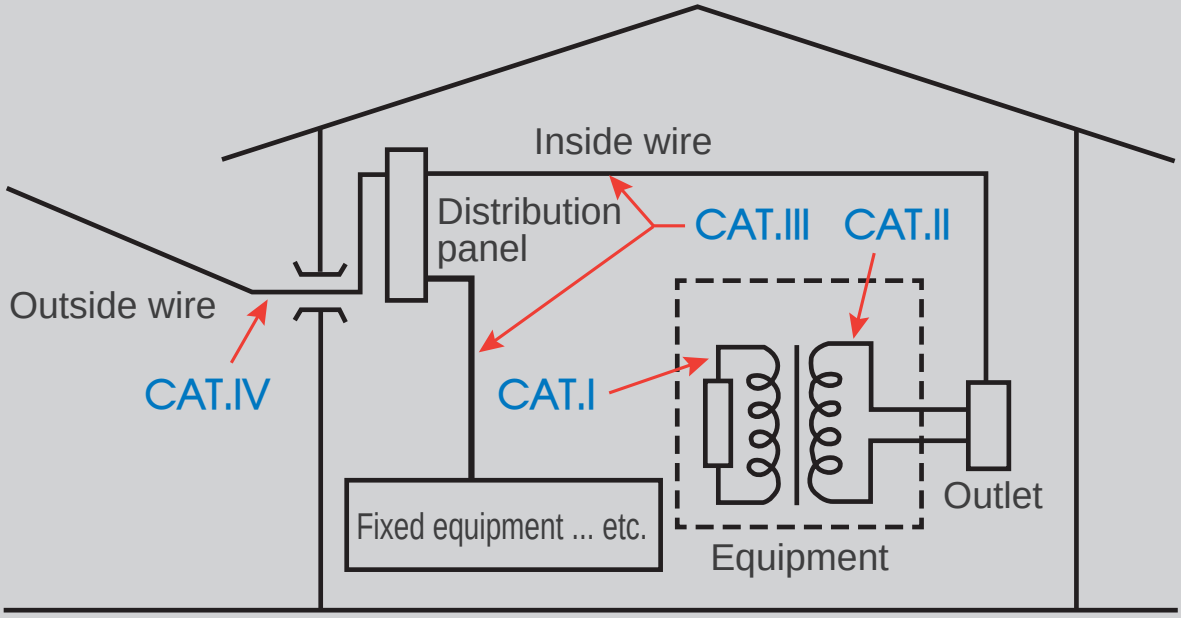
ST20219MY1

87721B



Measurement level

The input voltage should not exceed the maximum value.



Measurement level	Description	Example
CAT.I	Measurement directly connected to the power supply circuit board	The secondary of the transformer measured
CAT.II	Measurement board directly connected to the low voltage devices	Equipment, portable devices
CAT.III	Equipment within the building	Distribution panels, circuit breakers
CAT.IV	Sources of all low voltage installations	Overhead lines, cable facilities

Lit when in DC mode measurement

Lit when in AC mode measurement

Negative polarity indicator-lit when the polarity is negative

AUTO Auto range indicator

Lit when in continuity check

Lit when in diode check

D-H Date hold indication

Lit when the battery is low

MΩ KΩ Ω

Unit for resistance measurement

mV V Unit for voltage measurement

1.8.8.8 Numeral date display

hFE Lit when in transistor hFE check

μA mA A

Unit for current measurement

LCD DISPLAY



SELECT KEY

DATA HOLD KEY

INPUT TERMINAL 10A USEAGE ONLY

- The Max. protective fuse for μA、μA、mA、mA is 0.5A/250V
- The Max.protective fuse for 10A、10A is 15A/250V

POWER & FUNCTION SWITCH

AC voltage measurement

DC voltage measurement

AC/DC current measurement in micro-amperes

AC/DC current measurement in milli-amperes

AC/DC current measurement in 10 amperes

NPN Transistor in NPN hFE measurement

LED LED test

AC or DC measrement

OFF Turn off the power

PNP Transistor in PNP hFE measurement

Ω

Resistance measurement / Diode test / Continuity check

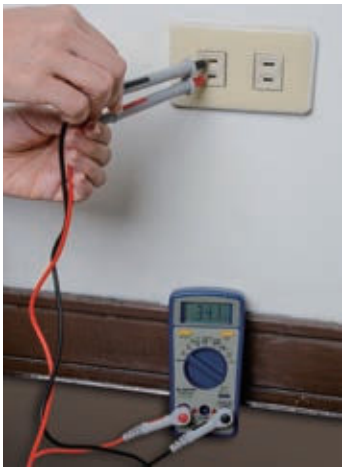
Digital Multimeter

9DM1361

- Date hold,auto range,auto power off selection, auto power off cancelation
- Unit & function indication, Maximum reading value 1999 digits. Negative polarity indicator (no indication is given for positive polarity)
- Low power consumption
- Fuse with : 500mA / 660V & 10A / 600V
- CE approval IEC61010-1 (2010), CAT.II 600V, CAT.III 300V

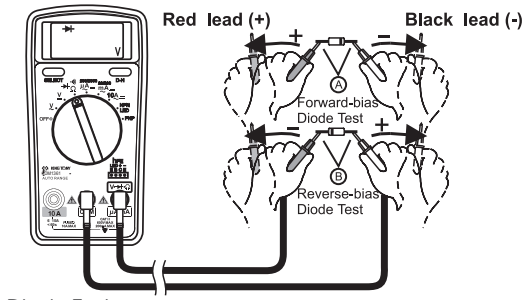






Specification	
DC Voltages (0.1mV ~ 1V)	200mV / 2V / 20V / 200V / 600V
AC Voltages (0.001V ~ 1V)	2V / 20V / 200V / 600V
DC Ampere (0.1uA ~ 0.01A)	200uA / 2000uA / 20mA / 2A / 10A
AC Ampere (0.1uA ~ 0.01A)	200uA / 2000uA / 20mA / 2A / 10A
Resistance (0.1Ω ~ 0.01MΩ)	200Ω / 2kΩ / 20kΩ / 200kΩ / 2MΩ / 20MΩ
Continuity check	Yes
Diode test	Yes
hFE(NPN, PNP)	Yes
LED check	Yes
Low battery indicator	Yes
LCD Display	3 1/2 digits 2000 counts
Sampling rate	3 times / sec

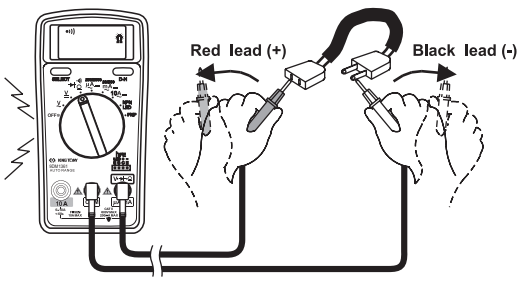
KT NO.	Size (mm) L x W x H	g	
9DM1361	138 x 70 x 32	85	10 / 40



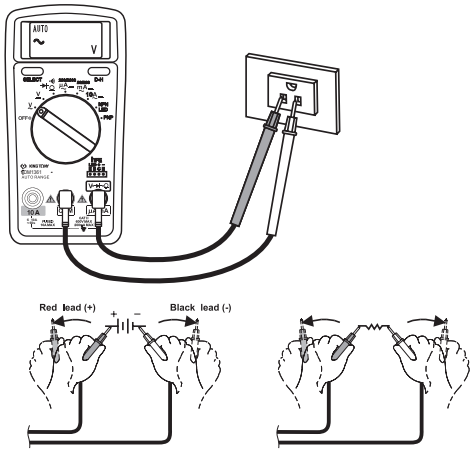
Diode Test

(A) Forward-bias Diode Test
Connect the black testing lead to the cathode and red testing lead to the anode. Silicon diodes should give a reading approximately 0.5~0.7V and GE diodes give 0.2~0.3V. In case the reading value is near to "0" , it means short circuit. If LCD display "OL", it means open circuit.

(B) Reverse-bias Diode Test
Conect the black testing lead to the anode and the red testing lead to the cathode.



Continuity Check
Apply the test leads to the circuit under test and the beeper will sound while the circuit is continuous and below 100 Ω



AC Voltage, DC Voltage, Resistance Measurement
Apply the test leads to the object under test and then read the value when it stabilizes.

Digital Multimeter

9DM1381

- Pocket size with flip cover design
- Approx. 4300 counts LCD display
- Auto range, auto power off selection
- Low power consumption
- CE approval EN61010-1, CAT.II 600V, CAT.III 300V
- Attachable test leads, easy operation

Specification	
DC Voltages (0.1mV ~ 1V)	400mV / 4V / 40V / 400V / 600V
AC Voltages (0.001V ~ 1V)	4V / 40V / 400V / 600V
Resistance (0.1Ω ~ 0.01MΩ)	400Ω / 4kΩ / 40kΩ / 400kΩ / 4MΩ / 40MΩ
Continuity check	Yes
Diode test	Yes
Overload indicator	OL
Low battery indicator	Yes
Sampling rate	Approx. 2 times / sec

KT NO.	Size (mm) L x W x H	g	
9DM1381	117 x 76 x 18	121	20 / 80







• Light & Handy in your pocket.

Digital Clamp Meter

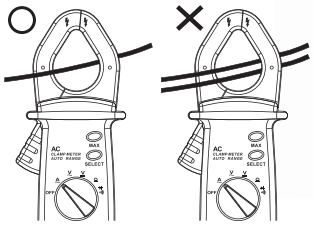
9DM2351

- Max clamp size: Ø 30mm
- Unit & function indication , maximum reading value 1999 digits
- Negative polarity indicator (no indication is given for positive polarity)
- Auto power off selection approx. 15 minutes
- Low power consumption
- CE approval IEC 61010-1 , IEC 61010-2-032 CAT.III 600V Pollution Degree 2
- Attachable test leads, easy operation

Specification	
AC Ampere (0.1A - 1A)	200A / 600A
AC Voltages (0.001V - 1V)	2V / 20V / 200V / 600V
DC Voltages (0.1mV - 1V)	200mV / 2V / 20V / 200V / 600V
Resistance (0.1Ω - 0.01MΩ)	200Ω / 2kΩ / 20kΩ / 200kΩ / 2MΩ / 20MΩ
Continuity check	Yes
Diode test	Yes
Low battery indicator	Yes
LCD Display	3 1/2 digits 1999 counts
Sampling rate	3 times / Sec.
Overload indicator	OL

KT NO.	Size (mm) L x W x H	g	
9DM2351	189 x 71 x 37	354	5 / 40









Infrared Thermometer

9DN12

- Without contact with the object
- IR point can be displayed clearly
- °C and °F interchangeable functions
- Selection of different materials
- Dark screen backlight test board functions
- 15 seconds automatically turn off the screen
- 9V battery * 1 (included)



Technical data	
Temperature range	-30~550°C (-22~1022°F)
Operating temperature	0~50°C
Resolution	0.1°C / 0.1°F
Accuracy	±2.5% OR 3°C
Emissivity	Selectable (0.85 / 0.90 / 0.95)
Distance to spot ratio	12:1
Auto power off	15 seconds
Laser pointer	Class 2 Laser < 1 mW

KT NO.	Overall Size (mm) L x W x H		
9DN12	193 x 47 x 126	313	5 / 20







Testing Screwdriver

6CB02

- Testing range : 100~500V
- CE approval
- Don't use the testing screwdriver as screwdriver
- Neon indicator





KT NO.	Testing range		
6CB02	100~500V	15	12 / 288

Digital Voltage Tester

6CB21

- Self-Diagnostic test
- Built-in LED flashlight
- LCD Display
- Protection IP64
- AAA 1.5V x 2pcs
- Standard category:
  EN 61243-3 / IEC 61243-3
  EN 61010-1 / IEC 61010-1
  CAT.III 690V / CAT.IV 600V













Specification	
DC Voltage Test	12, 24, 50, 120, 230, 400, 690V
Polarity indication	Yes
AC Voltage Test	12, 24, 50, 120, 230, 400, 690V
Phase rotation test	Yes
High voltage indication	≧ 50V
Frequency range	0-70Hz
Continuity test	0~550KΩ
Operation condition	-10~55°C

KT NO.	Overall Size (mm) L x W x H		
6CB21	255 x 66 x 30	250	5 / 20

AC Non-contact Voltage Tester

6CB31

- Voltage ranges : 80 to 1000V AC.(50~60Hz)
- Application :
  AC voltage in outlets, lighting, circuit breakers, wires and cables etc..
- Adjustable sensitivity voltage detection
- Visible LED light voltage indicator in tip
  (Green light is high gear, red light is low gear)
- AAA battery x 2 PC. included
- Standard category :
  EN 61000-6-3 / EN 61000-6-1 CAT III



KT NO.	Overall size (mm) L x W x H		
6CB31	160 x 20 x 24	72	10 / 100

WIRE & CABLE TOOLS

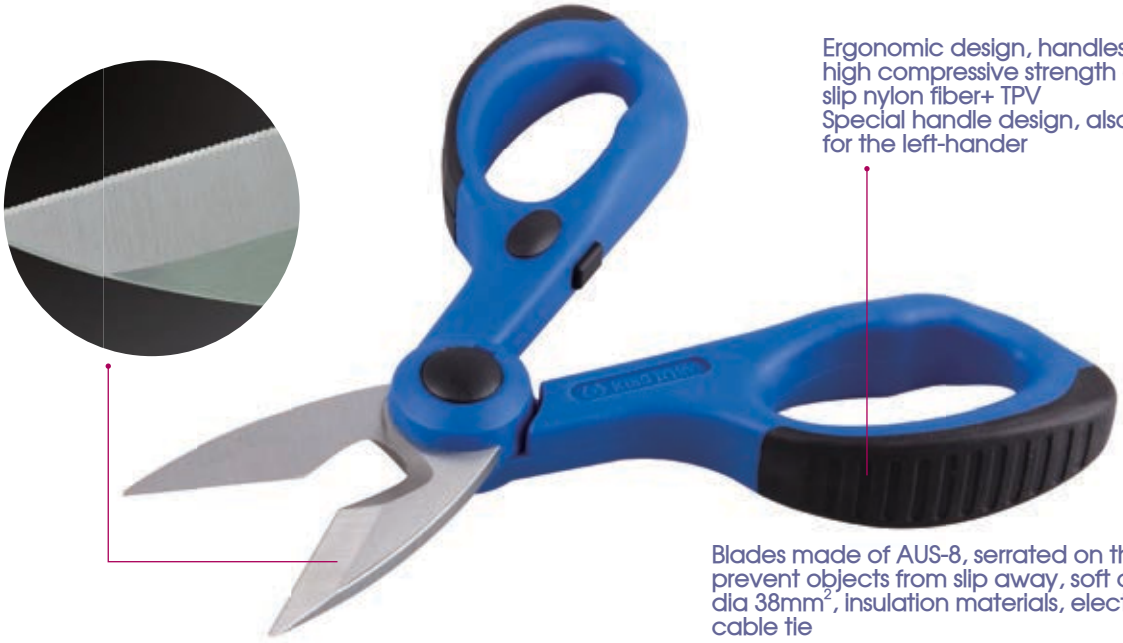
- Scissors
- Cable Cutter
- Knife
- Wire Strippers
- Cable Strippers
- Crimping Tool



Electrician Scissors

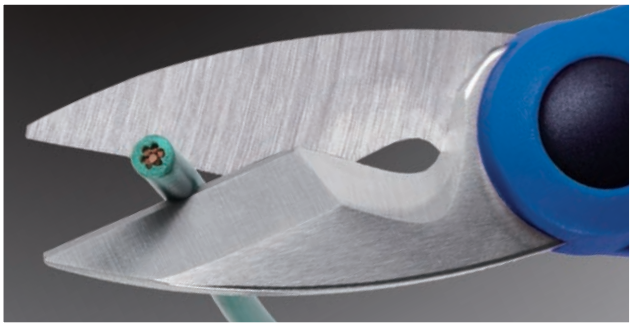
6AB13-06

- High cutting performance by low cutting force



Ergonomic design, handles made of high compressive strength and non-slip nylon fiber+ TPV
Special handle design, also suitable for the left-hander

Blades made of AUS-8, serrated on the edge can prevent objects from slip away, soft cable, up to dia 38mm^2, insulation materials, electrical tape cable tie





KT NO.	Overall length inch	Overall length mm	Cutting capacity mm	Cutting capacity AWG	Cutting capacity mm²	g	
6AB13-06	6	150	26	2	38	114	12 / 72

6AB21-65

- Curved mouth cable cutter
- Safety blade locking system





KT NO.	Overall length inch	Overall length mm	Cutting length mm	Cutting capacity Ø mm	g	
6AB21-65	6-1/2	158	22	10	156	12 / 72

Multi-purpose Scissors

6AB12-55

- Stainless steel with serrated edges
- Grip material - PP + TPR



KT NO.	Overall length mm	(mm)	Cutting capacities (mm) Electric cable	Cardboard	Rubber	Leather	Rolled steel	Copper (soft)	Aluminum		
6AB12-55	145	55	10	10	10	10	0.5	0.5	0.5	94	12 / 72

6AB31

- Even mouth cable cutter
- Safety blade locking system





KT NO.	Overall length inch	mm	Cutting capacity mm	AWG	mm^2	Cutting capacity Leather	Copper(soft)	Aluminum		
6AB31-75	7-1/2	185	52	16-12	1.5-4.0	2.0	0.5	0.5	160	12 / 72
6AB31-85	8-1/2	214	78	16-12	1.5-4.0	2.0	0.5	0.5	196	12 / 72

- Cut cable , cardboard , rubber , leather , rolled steel , copper (soft) , aluminum , carpet , branch and so on.







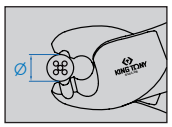




Cable Cutting Pliers

6141C

- Polished head
- For cutting copper and aluminum cables, single and multiple wire





KT NO.	Overall length inch	Overall length mm	Cutting capacity DIN(mm²)	Cutting capacity AWG	g	
6141-06C	6	160	33	2	169	6 / 120
6141-08C	8-3/8	212	67	2 / 0	282	6 / 60

Cable Cutter

6AD

- Cable cutter for cutting copper and aluminum cable





• Can be use with : 67B3-55 📖440 / 6AC51 📖448

KT NO.	Overall length mm	Cutting capacity DIN(mm²)	Cutting capacity AWG(MCM)	g	
6AD17-150	435	150	300	1339	1 / 20
6AD23-400	595	400	800	1847	1 / 10

Ratcheting Cable Cutter

6AD10-325

- Cut soft copper, aluminum and multiple conductor cable to 325mm² (600MCM)
- Cuts hard drawn copper to 200mm² (400MCM)









KT NO.	Overall length mm	Cutting capacity mm²	Cutting capacity AWG(MCM)	g	
6AD10-325	255	325	600	613.2	10 / 30

Ratcheting Cable Cutter

6AD10-3P01

- Spare blade for 6AD10-325



KT NO.	Capacity mm²		
6AD10-3P01	325	58	1 / 100

Utility Cutter

7971-07

- Automatically reloading snap-off blades
- Ergonomic soft ABS TPR handle
- Stainless steel blade guide
- Blade lock knob
- 4-blade cartridge(18mm)





7971-07P02
(18mm, 10 PC.)



KT NO.	L mm		
7971-07	165	180	6 / 72

7976-65



KT NO.	L mm		
7976-65	165	82	8 / 64

Electrician Knife

7932-04

- Electrician knife with wire stripper
- 1 blade with half-moon notch for stripping and vee for cutting



KT NO.	Blade length mm	Closed length mm	Overall length mm	g	
7932-04	85	110	196	75	10 / 180

7933-45

- Straight blade electrician knife



KT NO.	Blade length mm	Closed length mm	Overall length mm	g	
7933-45	85	120	205	111	10 / 180

7934-45

- Billhook blade electrician knife



KT NO.	Blade length mm	Closed length mm	Overall length mm	g	
7934-45	75	120	191	125	10 / 180













Multi-purpose Wire Stripper

6751-44

- Wire stripper
- Wire cutter
- Cable stripper



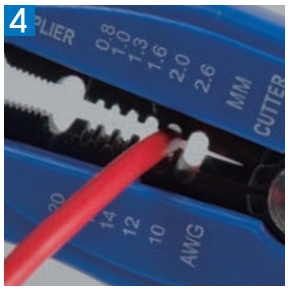


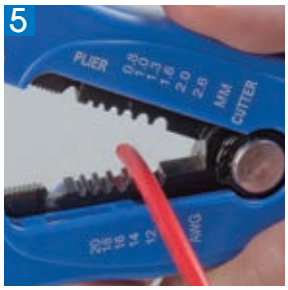






Preparation blade





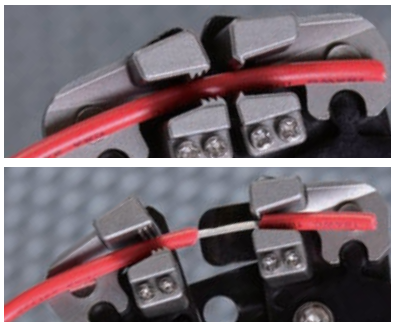


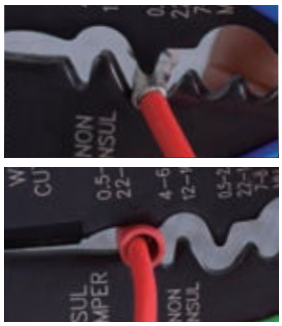


KT NO.	Wire stripper Ø mm	AWG	Cable stripper Ø mm	Wire cutter Ø mm	g	
6751-44	0.8-2.6	20-10	6-10	6	116	10 / 100

Wire Stripper

6762-08







- Wire stripper
- Insulated terminal crimping



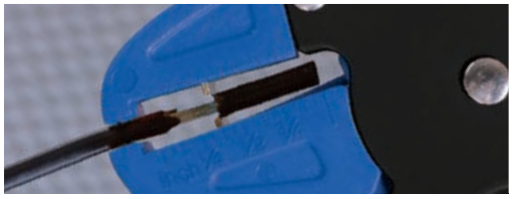
- Wire cutter

KT NO.	Wire stripper mm²	AWG	Wire cutter Ø mm	Insulated terminal crimping mm²	AWG	g	
6762-08	0.2-0.6	24-10	6	0.5-6	22-10	271	15 / 60

67A1-07









KT NO.	Wire stripper mm²	AWG	Wire cutter Ø mm	g	
67A1-07	0.05-3.5	30-12	5	209	12 / 60

Cable Stripper

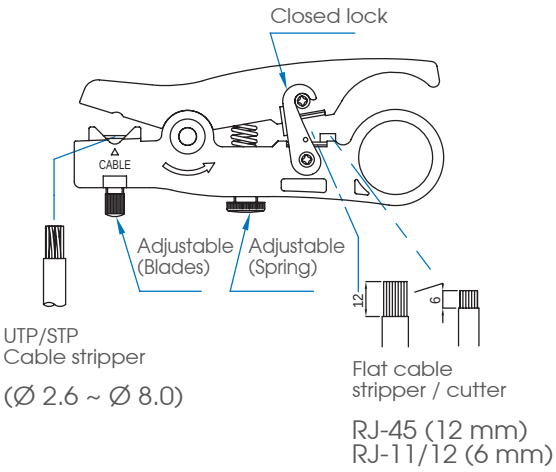
6755-05

- UTP/STP, flat cable stripper & cutter
- Material: ABS









UTP/STP
Cable stripper

(Ø 2.6 ~ Ø 8.0)

Flat cable
stripper / cutter

RJ-45 (12 mm)
RJ-11/12 (6 mm)

UTP/STP cable stripper	(Ø 2.6 ~ Ø 8.0)
Flat cable stripper / cutter	RJ-45 (12 mm), RJ-11/12 (6 mm)

KT NO.	Overall length inch	mm	g	
6755-05	5	127	72	20 / 120

Coax. Cable Stripper

6756-05

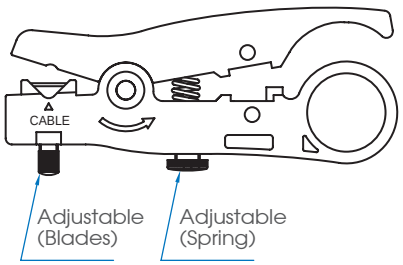
- 2-Blades model
- Material: ABS

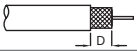










Stripper dimension "d"	6.4 mm 
Stripper distance 2-Blades model	RG-174/58/59/62/6 3C/4C/5C (Ø 2.6 ~ Ø 8.0)

KT NO.	Overall length inch	mm	g	
6756-05	5	127	68	20 / 120

Multi-stripper

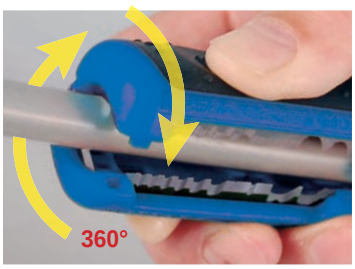
67B2-05

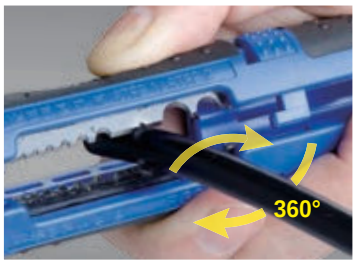


KT NO.	Overall length inch	mm	g	
67B2-05	4-3/4	120	69	15 / 90

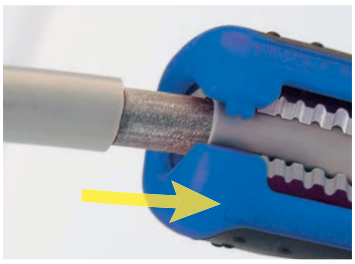
Stripping capacity

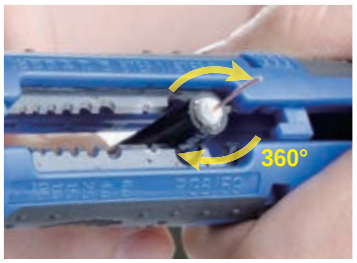
- Round cables between : 8-13mm
- Wire cable : 0.5 1.0 1.5 2.5 4.0 6.0mm^2
- AWG : 20 18 16 14 12 10
- Coax.cable : RG-6 / RG-59













- Stripping of round cables between 8-13 mm dia



- Stripping RG-6 / RG-59 Coax.cable

- Stripping common cable AWG 20-10



- Stripping length setting

Cable Stripper

67B3-55

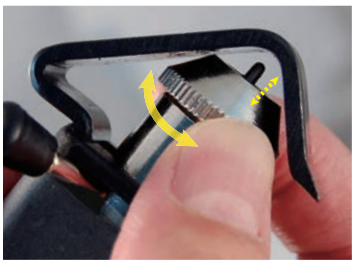
- Fast and safe stripping of round cable sheaths made of PVC or rubber from 6-45mm dia
- Adjustable knurled nut for max 6mm sheath





• Can be use with : 6AC51 448 / 6AD 433

KT NO.	Cable stripper Ø mm	Overall length inch	Overall length mm		
67B3-55	6-45	5-1/2	140	170	10 / 100



• Adjustable cutting depth





• Push cover





• Simple rotating the tool body



Remove the cable sheaths without damage of the inner conductors

Cable Tie Fasten Tool

67E2-08

- Fasten nylon ties, up to 9mm in width
- Long stroke for fast action
- Tails cut separately to desired length

KT NO.	L mm	Max. cutting width (mm)	g	
67E2-08	191	9	310	5 / 40



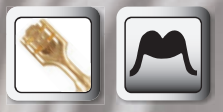








▪ Crimp die profiles

Symbol	
	Phone plugs 6 pin
	Modular plugs 8 pin
	Insulated terminal connectors
	Non-Insulated terminal connectors
	Pin terminal, Insulated & Non-Insulated ferrules
	Non-Insulated terminal, Lug connectors

Symbol	
	CATV "F" , BNC , COAX , and fiber optics connectors
	
	
	

Modular Crimping Tool

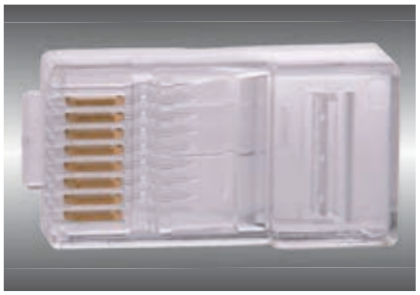
67F1-08

- For cutting / stripping / crimping
- 2 types of plugs in 1 tool
- Grip material - PP+TPR

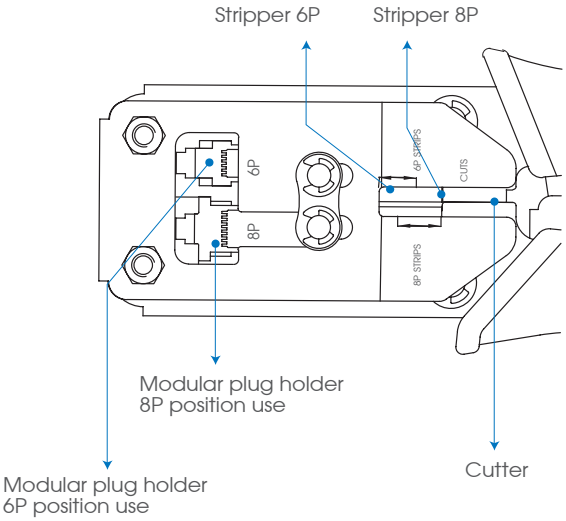




• 6P



• 8P





• Wire cutter



• Wire stripper



• Crimp connector

KT NO.	Overall length inch	mm		
67F1-08	8	203	370	10 / 40

Ratchet Crimping Tool

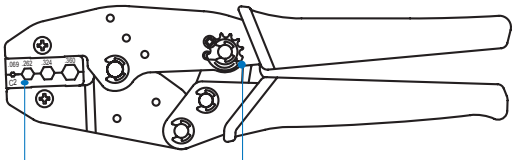
67G

- For crimping RG type cable
- CATV "F" connectors
- Interchangeable die









Interchangeable die

Pressure adjustment for actuation force

KT NO.	Overall length inch	Overall length mm		
67G	8.7	222	480	1 / 30





Item No.	Replacement die set	Terminal size	Description	
67G1-09	67G1P01	.068" .262" .324" .360" (1.72 6.65 8.23 9.14 mm)	CATV "F" Connectors RG59, 6	
67G2-09	67G2P01	.068" .213" .356" .319" (1.72 5.41 6.5 8.1 mm)	RG58, 59, 62, 6, BELDEN 8279	
67G3-09	67G3P01	.068" .213" .255" (1.72 5.41 6.48 mm)	RG58, 59, 62, 140, BELDEN 8279	
67G4-09	67G4P01	.068" .100" .213" .255" .324" (1.72 2.50 5.41 6.48 8.23 mm)	RG58, 59, 62, 6,	
67G5-09	67G5P01	.187" .213" .319" (4.75 5.41 8.1 mm)	RG58, 6, 174, 140 FIBER OPTIC	
67G6-09	67G6P01	.255" .320" .350" (6.48 8.13 8.9 mm)	CATV "F" Connectors RG59, 6	
67G7-09	67G7P01	.042" .068" .151" .178".213" (1.07 1.72 3.84 4.52 5.41 mm)	RG58, 174, BELDEN 8281 FIBER OPTIC SMA, SMB Connectors	
67G8-09	67G8P01	.028" .042" .068" .128" .178" (0.71 1.07 1.72 3.25 4.52 5.41 mm)	RG58, 174, FIBER OPTIC F2 F3 F5	
67G9-09	67G9P01	.043" .068" .100" .137" .213" .255" (1.10 1.72 2.54 3.5 5.41 6.48 mm)	RG58, 59, 62, 174, 140 FIBER OPTIC	
67GA-09	67GAP01	.042" .068" .078" .128" .151" .178" (1.07 1.72 2.0 3.25 3.84 4.52 mm)	RG174, 178,179 FIBER OPTIC	

Item No.	Replacement die set	Terminal size	Description	
67GB-09	67GBP01	.075" .100" .128" .429" (1.9 2.54 3.25 10.9 mm)	RG8, 9, 11, 174, 316 BELDEN 9913	
67GC-09	67GCP01	.042" .068" .128" .137" .151" .178" .187" (1.07 1.72 3.25 3.5 3.84 4.52 4.75 mm)	RG58, 174, SMA SMB	
67GD-09	67GDP01	.068" .255" .324" (1.72 6.48 8.22 mm)	RG59, 62, 6, BELDEN 8281	
67GE-09	67GEP01	.068" .187" .213" .255" (1.72 4.75 5.41 6.48 mm)	RG58, 59, 62 142, 174, 223	
67GF-09	67GFP01	.128" .151" .187" .213" (3.25 3.84 4.75 5.41 mm)	RG58, 174 FIBER OPTIC	
67GN-09	67GNP01	AWG 12 / 14 / 16 / 18 / 20 / 22 0.5 / 0.75 / 1.0 / 1.5 / 2.5 / 4.0 mm^2	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GJ-09	67GJP01	AWG 6 / 8 / 10 6 / 10 / 16 mm^2	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GK-09	67GKP01	AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm^2	INTER-LOCKING & NON-INSULATED	
67GL-09	67GLP01	AWG 12-10 / 8 / 16-14 / 20-18 1.5 / 2.5 / 6 / 10 mm^2	NON-INSULATED TERMINAL	
67GH-09	67GHP01	AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm^2	FOR INSULATED TERMINAL	
67GG-09	Unchangeable	AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm^2	FOR INSULATED TERMINAL	

Ratchet Crimping Tool Set

67G0005

5 PC.





1 | 1 / 16

Item No.	Replacement die set	Terminal size	Description	
67GN-09	67GNP01	AWG 12 / 14 / 16 / 18 / 20 / 22 0.5 / 0.75 / 1.0 / 1.5 / 2.5 / 4.0 mm^2	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GJP01		AWG 6 / 8 / 10 6 / 10 / 16 mm^2	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GKP01		AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm^2	INTER-LOCKING & NON-INSULATED	
67GLP01		AWG 12-10 / 8 / 16-14 / 20-18 1.5 / 2.5 / 6 / 10 mm^2	NON-INSULATED TERMINAL	
67GHP01		AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm^2	FOR INSULATED TERMINAL	



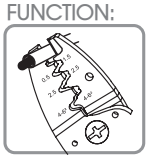
Crimping Tools

6721-10

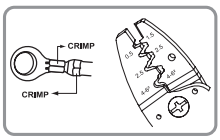
- Wire cutter
- Crimps insulated terminals
- Bolt cutter
- Crimps non-insulated terminals (Open barrel)
- Wire stripper



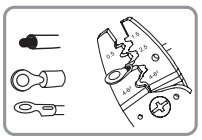
FUNCTION:



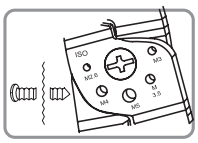
• Wire cutter



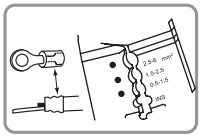
• Open barrel terminal crimping



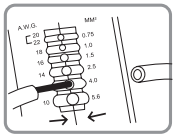
• Non-Insulated terminal Crimping



• Bolt-cutter



• Insulated terminal Crimping

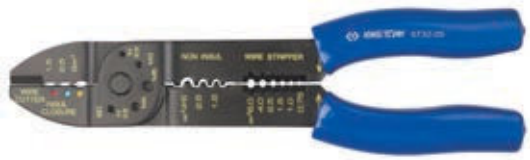


• Wire stripper

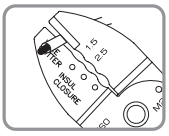
KT NO.	Wire cutter Ø mm²	Insulated terminal crimping	Bolt-cutter	Non insulated termind crimp	Open barrel terminal crimping	Wire stripper mm²	g	
6721-10	6	0.5~6	M2.6~5	0.5~6	1.5~6	0.75~6.0	248	5 / 50

6732-09

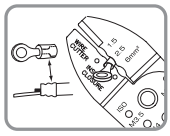
- Wire cutter
- Crimps insulated terminals
- Bolt cutter
- Crimps non-insulated terminals (Ring)
- Wire stripper



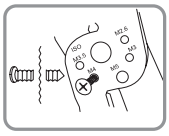
FUNCTION:



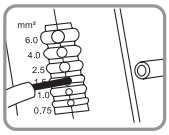
• Wire cutter



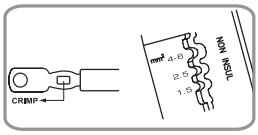
• Insulated terminal Crimping



• Bolt-cutter



• Wire stripper



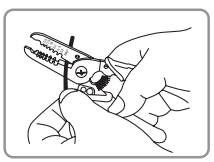
• Non-insulated ring terminal crimping

KT NO.	Wire cutter Ø mm²	Insulated terminal crimping	Bolt-cutter	Non-insulated ring terminal crimping	Wire stripper mm²	g	
6732-09	6	1.5~6	M2.6~5	1.5~6	0.75~6.0	261	24 / 72

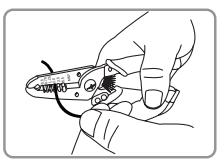
6741-06

- Wire cutter
- Wire stripper

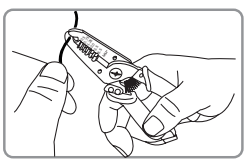
FUNCTION:



• Wire cutter



• Wire stripper



• Peel the electric wire's shell



KT NO.	Wire cutter Ø mm²	Wire stripper mm²	g	
6741-06	6	0.5~5.5	103	10 / 100

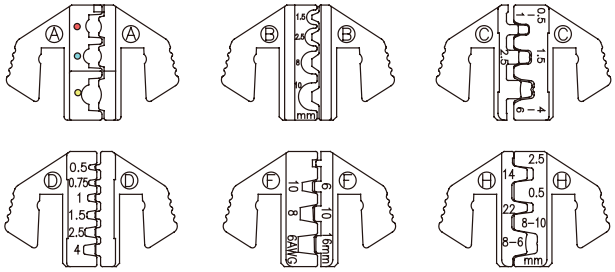
Interchangeable Ratchet Crimping Tool Set

42107GX

- Quick interchangeable ratchet function & easy to use
- Crimping jaws with heat treatment

CONTENTS :

- A : Insulated Terminal : 0.5 to 6mm²
- B : Non-Insulated Terminal : 1.5 to 10mm²
- C : Open Barrel Terminal : 0.5 to 6mm²
- D : Insulated Core-end Terminal : 0.5 to 4mm²
- F : Insulated Huge Core-end Terminal : 6 to 16mm²
- H : Open Barrel & D-Sub, V.35 Connectors : 0.5 to 10mm²



1163.8 1 /10

7 PC.





Heavy Duty Crimping Tool

6AC51-22

- For cable lugs from 10mm^2-120mm^2 with non-ratchet screw adjustment







KT NO.	Overall length mm	g	
6AC51-22	570	2996	1 / 5

Crimping capacity

AWG	8	6	4	2	1/0	2/0	3/0	4/0
JIS(mm^2)	8	14	22	38	60	70	80	100
DIN(mm^2)	10	16	25	35	50	70	95	120

6AC51-26

- For cable lugs from 10mm^2-150mm^2 with non-ratchet screw adjustment





KT NO.	Overall length mm	g	
6AC51-26	665	3900	1 / 5

Crimping capacity

AWG	8	6	4	2	1/0	2/0	3/0	4/0	300MCM
JIS(mm^2)	8	14	22	38	60	70	80	100	150
DIN(mm^2)	10	16	25	35	50	70	95	120	150

Crimping Tool for Non-insulated Terminal

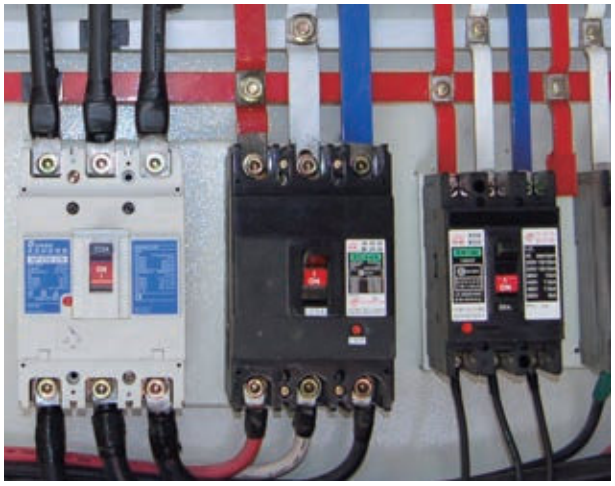
6AC52

▪ Ratchet designed. For non-insulated terminals

Item No. \ AWG	16	14	10	8	6
JIS mm²	1.25	2	5.5	8	14
DIN mm²	1.5	2.5	6	10	16
6AC52-11	•	•	•	•	
6AC52-12	•	•	•	•	•



KT NO.	Overall length inch	mm	g	pcs/box
6AC52-11	10-1/2	270	480	6 / 24
6AC52-12	12	300	520	6 / 24





• Distribution box





HAMMERS & STRIKING TOOLS

- Hammer
- Punch
- Flat Chisel
- Marking Punch

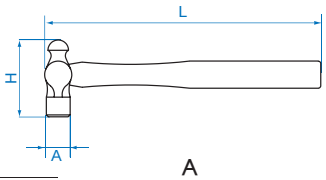

GENUINE HICKORY
GENUINE HICKORY
WARNING
5mm
(3/16")

Hammer



7811

- American style
- Forged and hardened steel
- Wood and metal wedge
- GGG-H86C





KT NO.	H.W g	H.W LB	H.W oz	A mm	H mm	L mm	g	
7811-08	245	1/2	8	25	80	300	375	6 / 60
7811-12	370	3/4	12	29	93	300	485	6 / 48
7811-16	485	1	16	32.5	103	353	640	6 / 36
7811-24	765	1-1/2	24	35.5	122	405	975	6 / 24
7811-32	925	2	32	40.5	125	405	1200	6 / 24
7811-40	1125	2-1/2	40	42.2	133	405	1395	6 / 12

7821

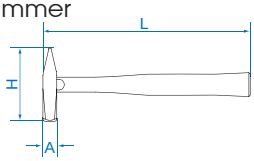
7821:

- German style
- Forged and hardened steel
- Wood and metal wedge
- DIN 1041

7823

7823:

- Engineer's hammer
- DIN1041

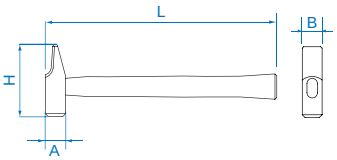




KT NO.	H.W g	A mm	H mm	L mm	g	
7821-30	395	23	103	300	400	12 / 48
7821-50	615	27	120.5	320	660	6 / 36
7821-80	990	33	130	350	960	6 / 24
7823-10	1000	36	135	360	1121	9 / 18
7823-15	1500	42	145	380	1606	6 / 12
7823-20	2000	47	155	400	2106	6 / 12

7822

- Riveting hammer
- NF E71-016

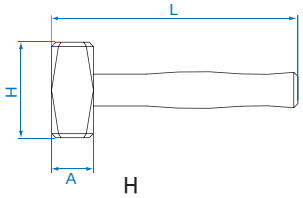




KT NO.	H.W g	A mm	B mm	H mm	L mm	g	
7822-25	315	25	22	85	280	489	10 / 40
7822-30	400	30	26	95	300	650	10 / 40
7822-35	630	35	31	105	300	1000	9 / 36
7822-40	800	40	35	115	320	1330	8 / 16
7822-45	1250	45	40	124	355	1790	8 / 16
7822-50	1600	50	44	135	382	2458	6 / 12

7833

- Lump hammer
- DIN 6475





KT NO.	H.W g	A mm	H mm	L mm	g	
7833-10	1000	40	95	260	1065	7 / 14
7833-12	1250	43	100	260	1425	6 / 12
7833-15	1500	45	110	280	1778	6 / 12
7833-20	2000	50	120	300	2142	4 / 8

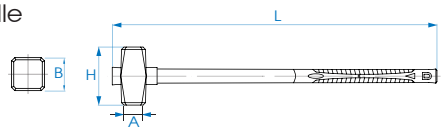
Hammer

CAUTION

Please wear proper safety gear while working.

7834

- Sledge hammer
- Fiberglass handle

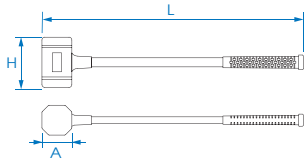




KT NO.	H.W g	A mm	B mm	H mm	L mm		
7834-50	5000	66	66	160	895	5930	1 / 2

7852

- Rubber hammer
- Fiberglass handle

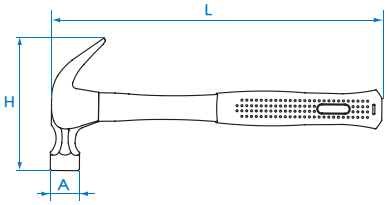




KT NO.	H.W g	A mm	H mm	L mm		
7852-23	1650	69.5	142	500	2000	4 / 12
7852-55	4500	104	198	910	5500	2 / 4

7861

- Fiberglass claw hammer

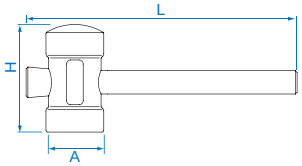




KT NO.	oz	HW g	A mm	H mm	L mm		
7861-16	16	450	30	133	335	740	4 / 24
7861-20	20	565	31	144	340	830	4 / 24
7861-24	24	680	32	147	380	920	10 / 20

7848

- Rubber hammer
- Feature: used to lay basalt floors, tires and other materials which are vulnerable





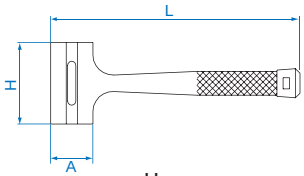
KT NO.	H.W g	A mm	H mm	L mm		
7848-60	523	64	119	330	628	6 / 12
7848-80	821	79	119	350	979	5 / 10

Hammer



7851

- Dead blow hammer

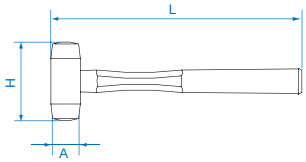




KT NO.	H.W g	A mm	H mm	L mm		
7851-08	227	43	81	272	585	6 / 24
7851-16	454	46	100	304	849	6 / 24
7851-24	680	49	100	322	884	6 / 24
7851-32	907	55	100	342	1090	6 / 24
7851-40	1134	58	110	342	1218	6 / 24
7851-48	1361	61	123	355	1511	6 / 12
7851-64	1814	67	136	368	1874	6 / 12

7842

- Soft face hammer
- Replaceable polyure thane face
- Helps minimize marring and surface damage



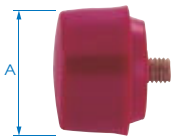


KT NO.	A mm	H mm	L mm		
7842-22	22	75	255	110	10 / 40
7842-28	28	85	295	165	10 / 40
7842-35	38	100	325	305	8 / 32
7842-45	45	112	335	420	8 / 32
7842-60	60	135	380	895	6 / 12

915

- Spare faces for item 7842
- In soft 75° and hard 90°





KT NO.	Hardness (shore A)	A mm		
91522H/S	90° / 75°	22	11	10 / 160
91528H/S	90° / 75°	28	24	10 / 100
91535H/S	90° / 75°	38	36	6 / 120
91545H/S	90° / 75°	45	65	6 / 36
91560H/S	90° / 75°	60	123	6 / 12

Hammer Hook



91431

- Overall Size - W 40 x D 210 x H 240 mm
- Weight - 411.6 g / Cuft - 0.072



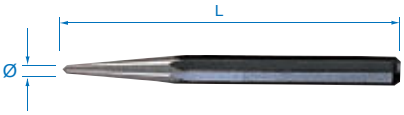


Chisel & Punch & Set

- Material - chrome vanadium alloy steel
- Finishing - phosphate sunk

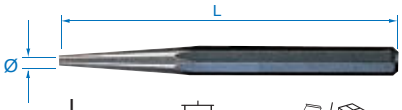


761 Center punch



KT NO.	Ø mm	L mm	g	
76103-04	3	100	34	12 / 336
76104-05	4	120	59	12 / 336
76105-06	5	150	116	12 / 144

763 Starter punch



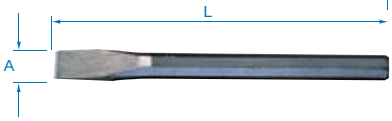
KT NO.	Ø mm	L mm	g	
76301-05	1	120	57	12 / 336
76302-05	2	120	58	12 / 336
76303-05	3	120	60	12 / 336
76304-05	4	120	60	12 / 336
76305-05	5	120	64	12 / 336
76306-05	6	120	64	12 / 336
76307-05	7	120	100	12 / 240
76308-05	8	120	100	12 / 240
76309-06	9	150	130	12 / 144
76310-06	10	150	132	12 / 144

765 Cape chisel



KT NO.	Ø mm	L mm	g	
76505-05	2.6	132	70	12 / 192

762 Flat chisel



KT NO.	A mm	L mm	g	
76213-04	13	100	69	12 / 336
76215-05	15	125	70	12 / 336
76217-06	17	150	145	12 / 144
76220-07	20	175	300	12 / 144
76223-08	23	200	300	12 / 72
76224-10	24	250	388	4 / 40
76226-12	26	300	650	4 / 32

764 Pin punch



KT NO.	Ø mm	L mm	g	
76402-45	2	115	32	10 / 640
76403-05	3	125	34	10 / 640
new 76403-06	3	150	43	10 / 250
76404-06	4	150	60	10 / 250
76405-65	5	165	71	10 / 280
76406-07	6	180	125	10 / 150
76408-08	8	200	130	10 / 120
76410-85	10	215	155	12 / 120
76412-09	12	230	356	10 / 80
76414-10	14	250	502	6 / 48



► PRN : Tetoron pouch bag



► PR : Nylon pouch bag



KT NO.	PC.		Contents	Package	kg	
1006PR	6	764	Ø 2 x 30, Ø 3 x 40, Ø 4 x 50, Ø 5 x 50, Ø 6 x 50, Ø 8 x 50	Nylon	0.57	1 / 20
1006PRN	6			Tetoron		
1009PR	9		Ø 2 x 30, Ø 3 x 40, Ø 4 x 50, Ø 5 x 50, Ø 6 x 50, Ø 8 x 50, Ø10 x 65, Ø12 x 70, Ø14 x 75	Nylon	1.67	1 / 12
1009PRN	9			Tetoron		
1010PR	10	761	Ø 3 x 100, Ø 4 x 120, Ø 5 x 150	Nylon	0.86	1 / 24
		763	Ø 3 x 120, Ø 6 x 120, Ø 8 x 120			
		764	Ø 3 x 40, Ø 4 x 50, Ø 5 x 50, Ø 6 x 50			

Flat Chisel & Punch Set

1090PR1

- Flat chisel & punch set

KT NO.		Contents	Each Q'ty	kg	Cuft
1090PR1	761	Ø 4 x 120, Ø 5 x 150	6	13.5	0.34'
	762	17 x 150, 20 x 175, 23 x 200, 24 x 250 mm			
	763	4 x 120, 8 x 120 mm			
	764	Ø 3 x 40, Ø 4 x 50, Ø 5 x 50, Ø 6 x 50, Ø 10 x 65			
	767	150 , 200 mm			
8711B		600 x 240 x 60 mm	1	6.2	0.9'
8711B-1		600 x 232 x 230 mm	1	2.0	1.7'

90 PC.



Shelf size (mm) : 600 x 240 x 290



Sheathed Chisel & Pin Punch

- Material – chrome molybdenum alloy steel
- Finishing - phosphate sunk
- Safe and comfortable grip

761-G Sheathed center punch



KT NO.	Ø mm	L mm	g	
76125-74G	2.5	185	104	12 / 144
76104-74G	4	185	110	12 / 144
76106-74G	6	185	112	12 / 144
76108-74G	8	185	179	12 / 120
76110-74G	10	185	169	12 / 120

763-G Sheathed starter punch



KT NO.	Ø mm	L mm	g	
76302-74G	2	185	104	12 / 144
76303-74G	3	185	105	12 / 144
76304-74G	4	185	107	12 / 144
76305-74G	5	185	112	12 / 144
76306-74G	6	185	115	12 / 144
76308-74G	8	185	162	12 / 120

762-G Sheathed flat chisel



KT NO.	A mm	L mm	g	
76218-75G	18	190	180	10 / 100
76219-75G	19	190	180	10 / 100
76220-84G	20	210	269	8 / 80
76222-84G	22	210	271	8 / 80

764-G Sheathed pin punch



KT NO.	Ø mm	L mm	g	
76402-55G	2	140	50	12 / 384
76403-06G	3	150	54	12 / 384
76404-07G	4	180	94	12 / 144
76405-08G	5	200	108	12 / 144
76406-84G	6	210	157	12 / 120
76407-84G	7	220	165	12 / 120
76408-88G	8	220	175	12 / 96
76409-88G	9	230	184	12 / 96
76410-09G	10	250	259	10 / 80
76412-10G	12	290	340	8 / 64
76414-11G	14	350	443	6 / 48
76416-12G	16	310	593	6 / 36
76410-14G	10	350	363	10 / 60
76412-14G	12	350	470	6 / 36
76414-14G	14	350	518	6 / 36
76416-14G	16	350	664	5 / 30

Sheathed Chisel & Pin Punch Set



► Pouch material : Tetoron

KT NO.	PC.		Contents	Kg	
1014GPN	4	 764	Ø 10 x 350, Ø 12 x 350, Ø 14 x 350, Ø 16 x 350	2.13	1 / 8
1006GPN	6		Ø 2 x 140, Ø 3 x 150, Ø 4 x 180, Ø 5 x 200, Ø 6 x 210, Ø 8 x 220	0.80	1 / 8
1009GPN	9		Ø 2 x 140, Ø 3 x 150, Ø 4 x 180, Ø 5 x 200, Ø 6 x 210, Ø 8 x 220, Ø 10 x 230, Ø 12 x 250, Ø 14 x 290	1.82	1 / 12

Automatic Center Punch

768

- Material : handle - brass, tip - S2
- Spring-loaded trigger design for useing without a hammer

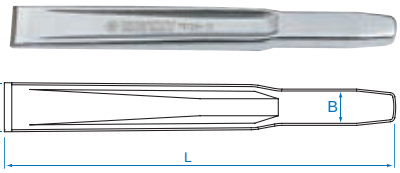
KT NO.	Ø mm	L mm	g	
76804-05	1.3	130	75.0	30 / 120
76807-06	1.7	155	141.7	30 / 120



Flat Chisel & Set

767

- Ribbed type



KT NO.	A mm	B mm	L mm	g	
76717-05	17	12.6	125	90	12 / 240
76721-06	20	16.0	150	130	12 / 144
76724-08	25	19.0	200	280	12 / 72
76729-10	29	22.3	250	480	8 / 48

11104PR10



4 PC.

Contents	Kg 1.0	/ 1 / 20
	76717-05	17 x 125
	76721-06	20 x 150
	76724-08	25 x 200
	76729-10	29 x 250

11104PR

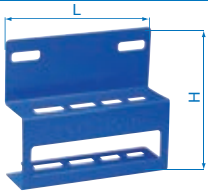


4 PC.

Contents	Kg 1.37	/ 1 / 10
	76717-05	17 x 125
	76721-06	20 x 150
	76724-08	25 x 200
	76729-10	29 x 250
	87108	

87108

- Acrylic display stand



KT NO.	H mm	L mm	g	
87108	140	160	410	12

Marking Punch

CAUTION

Please wear proper safety gear while working.

11409SQ

- Chrome vanadium alloy steel
- Hardened and tempered control HRC60 for safe use
- Invert number 6 to be number 9 (For 11409SQ)
- The letter A~Z with extra "&" (ampersand) included (For 11427SQ)



11409SQ05
11409SQ08

11427SQ



11427SQ05
11427SQ08

KT NO.	H mm	H inch	Contents	Squre mm	L mm	Kg	
11409SQ05	5.0	3/16"	9 PCS 0~9	8 x 8	61	0.28	1 / 80
11409SQ08	8.0	5/16"		12.7 x 12.7	71	0.78	1 / 30
11427SQ05	5.0	3/16"	27 PCS A~Z, &	8 x 8	61	0.82	1 / 30
11427SQ08	8.0	5/16"		12.7 x 12.7	71	2.33	1 / 10

Heavy Duty Marking Punch

11509SQ

- Chrome vanadium alloy steel
- Hardened and tempered control HRC60 for safe use
- Hardness reduced at striking end HRC40 to have longer life time
- Invert number 6 to be number 9 (For 11509SQ)
- The letter A~Z with extra "&" (ampersand) included (For 11527SQ)



11509SQ05

11527SQ



11527SQ05

KT NO.	H mm	H inch	Contents	Squre mm	L mm	Kg	
11509SQ05	5.0	3/16"	9 PCS 0~9	11 x 11	61	0.56	1 / 30
11527SQ05	5.0	3/16"	27 PCS A~Z, &	11 x 11	61	1.70	1 / 10




KING TONY
Enjoy your work

WORKSHOP TOOLS

- Puller
- Riveter
- Measuring Tools
- KING TONY Tools for Working at Height
- Work Lamp
- Bench Vise
- Damaged Screws, Nuts, Bolts Remover Tools
- Bolt Cutter
- Snips
- Saw
- File
- Tap Holder
- Threaded Coil-Insert Repair Set
- Tap & Die Set





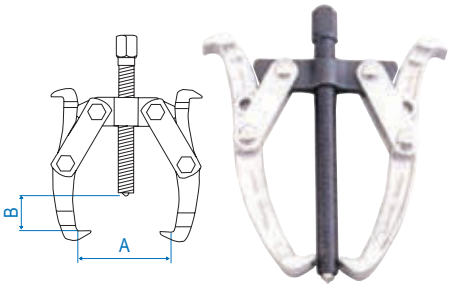
Gear Puller

- Material - chrome vanadium alloy steel
- Finishing - chrome plated & phosphate sunk

7962

▪ Two-Jaw gear puller

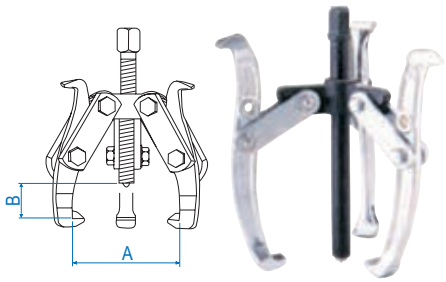
KT NO.	Capacity (tons)	HEX (mm)	Jaw (leg)	Spread (A)mm	Reach (B)mm	Kg	
7962-03	0.5	14	2	85	60	0.44	1 / 40
7962-04	1	17	2	110	95	0.78	1 / 20
7962-06	4	19	2	160	160	1.65	1 / 10
7962-08	7	23	2	210	235	3.50	1 / 5
7962-12	10	32	2	310	330	7.00	1 / 2



7963

▪ Three-Jaw gear puller

KT NO.	Capacity (tons)	HEX (mm)	Jaw (leg)	Spread (A)mm	Reach (B)mm	Kg	
7963-03	0.5	14	3	85	60	0.55	1 / 40
7963-04	1	17	3	110	95	1.06	1 / 20
7963-06	4	19	3	160	160	2.25	1 / 10
7963-08	7	23	3	210	235	4.50	1 / 5
7963-12	10	32	3	310	330	11.00	1 / 2

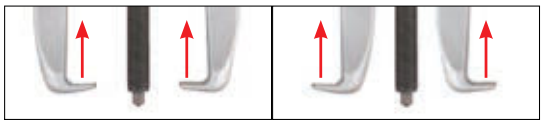


7962B

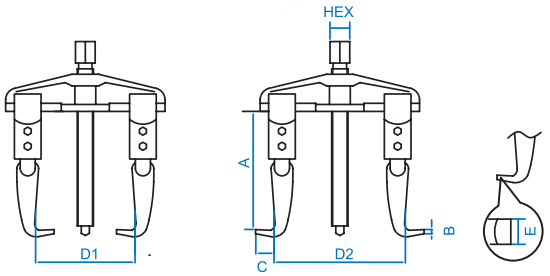
▪ Two-Jaw gear puller
▪ Adjustable sliding arm for efficiency and safety
▪ Reversible jaws for internal & external options gear, axle, bearing, etc…











KT NO.	Capacity (tons)	Hex (mm)	Jaw (leg)	Reach A(mm)	B (mm)	C (mm)	Spread D1 (mm)	Spread D2(mm)	E (mm)	Kg	
7962B-35	2.0	17	2	100	3.8	14.5	90	60~125	21	1.05	1/12
7962B-05	3.0	17	2	100	3.8	14.5	130	60~160	21	1.15	1/12
7962B-06	3.0	22	2	150	4.6	23.0	150	85~200	30	2.98	1/6
7962B-08	5.0	22	2	150	4.6	23.0	190	105~230	30	3.41	1/6
7962B-10	5.0	27	2	210	7.0	30.0	240	130~300	35	7.11	1/3

Slide Hammer Gear Puller Set

796401MR

Slide Hammer Puller Set

- For jobs involving pull and grip gears, bearings, outer races, grease retainers, oil seals, etc.
- 2.6 lbs(1.2 kgs) slide hammer
- 400 mm length T-handle puller
- 3-in-1 hammer puller, to handle inside pull such as bearing cups and outer races, as well as regular outside pull jobs

4.5 | 1/4







KT NO.	Items	D (mm)	Capacity
796401P021	Internal gear puller	6	Ø 15-30mm
796401P022	Internal gear puller	10.5	Ø 30-80mm
796401P023	External gear puller	10.5	Ø 15-80mm

CONTENTS:
- 1PC. 400 mm T handle shaft
- 1PC. 2.6 lbs / 1.2 kgs hammer
- 1PC. Adjustable nut
- 1SET Internal gear puller for Ø15-30mm(A)
- 1SET Internal gear puller for Ø30-80mm(B)
- 1SET External gear puller for Ø15-80mm(C)

Riveter

79711

- Stainless steel riveter nozzles
- Drop-forged aluminum body
- Heavy duty riveter for stainless or aluminum rivets

KT NO.	L inch	L mm	Capacity inch	Capacity mm	kg	
79711	18	460	1 / 8	Ø 3.2	1.48	1 / 12
			5 / 32	Ø 4.0		
			3 / 16	Ø 4.8		
			1 / 4	Ø 6.4		



Ø 3.2~6.4mm

Expander Riveter

79721

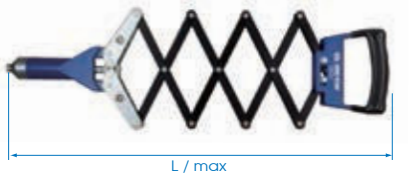
- Expander framework design to press riveter
- 4 PC. Interchangeable nozzles
- Heavy duty riveter for stainless or aluminum rivets

3.2mm (1/8")	2.4mm
4.0mm (5/32")	2.8mm
4.8mm (3/16")	3.2mm
6.4mm (1/4")	4.1mm

KT NO.	L (min) mm	L (min) inch	L (max) mm	L (max) inch	kg	
79721	315	12-1/2	870	34-1/4	2.00	1 / 10



L / min



L / max

Riveter

21-20-101

- Stainless steel riveter nozzles
- Drop-forged aluminum body

KT NO.	L inch	L mm	Capacity inch	Capacity mm	g	
21-20-101	10-1/4	260	3 / 32 1 / 8 5 / 32 3 / 16	Ø 2.4 Ø 3.2 Ø 4.0 Ø 4.8	588	12 / 24



Ø 2.4~4.8mm

21-20-102

- 4 changeable sizes
- Stainless steel riveter
- The driver can be used in 90° and 180°

KT NO.	L inch	L mm	Capacity inch	Capacity mm	g	
21-20-102	11	278	3 / 32 1 / 8 5 / 32 3 / 16	Ø 2.4 Ø 3.2 Ø 4.0 Ø 4.8	778	6 / 24







21-20-07MR

Contents		kg 1.06		1 / 16	Each Q'ty
4 x 8 mm		4 x 10 mm			20
4 x 8 mm		4 x 10 mm			
4.8 x 8 mm		4.8 x 10 mm			
21-20-101					1



Blow case size (mm) :
276 x 160 x 46(0.122 cuft)

Blind Nut Riveter

21-30-09MR

- Designed for fastening object to thin metal
- 4 PC. interchangeable mandrels (M4, M5, M6, M8)
- 80 PC. iron nut rivet

85 PC.

CONTENTS:

M4 x 0.7 x 20 PC.	M4 x 0.7
M5 x 0.8 x 20 PC.	M5 x 0.8
M6 x 1.0 x 20 PC.	M6 x 1.0
M8x 1.25 x 20 PC.	M8x 1.25

KT NO.	L inch	L mm	g	
21-30-09MR	10-1/2	265	1320	1/12

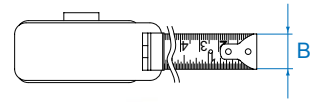


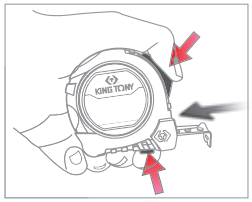
Measuring Tape

- Auto-Lock measuring tape
- Two retrieval buttons
- Nylon coating 3-rivet blade
- Ergonomic & shockproof ABS+TPE case
- Specially red marked each 10cm scale
- EU Class II accuracy standard approval

79093

KT NO.	L M / FT	B mm		
79093-02M	2M	16	110	16 / 64
79093-03M	3M	16	137	16 / 64
79093-05M	5M	19	210	14 / 56
79093-05M1	5M	25	260	12 / 48
79093-08M	8M	25	420	12 / 48
79093-03C	3M/10FT	16	137	16 / 64
79093-05C	5M/16FT	19	210	14 / 56
79093-08C	8M/26FT	25	420	12 / 48







79094

- Magnetic hook

KT NO.	L M / FT	B mm		
79094-02M	2M	16	110	16 / 64
79094-03M	3M	16	137	16 / 64
79094-05M	5M	19	210	14 / 56
79094-08M	8M	25	420	12 / 48
79094-03C	3M/10FT	16	137	16 / 64
79094-05C	5M/16FT	19	210	15 / 60
79094-05C1	5M/16FT	25	260	12 / 48
79094-08C	8M/26FT	25	420	12 / 48



Paper Display Stand for Measuring Tape

87118

- Capacity: 12 PC.
- For all measuring tape (79093 / 79094 <02M,03M,05M>series)
- Paper display stand size(mm): 309 x 237 x 189 (0.489 CUFT)





87118

Measuring

79062 new

- Adjustable square measuring with angle spirit level 305mm
- Sliding combination of square, spirit level, height gauge and steel rule
- 90° and 45° level allow try-square and metre-square work
- Metal scriber pin in the end
- Metric and imperial marking at both sides
- Precision cast zinc alloy and stainless blade
- For woodwork

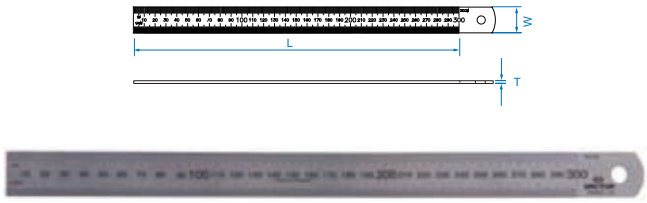


KT NO.	L mm	L inch	g	
79062-12	305	12	312	12 / 72

Stainless Ruler

79063 new

- Stainless steel deeply etched for easy reading
- Dual scale: metric & imperial marking (mm/inch)

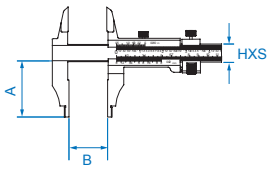


KT NO.	L mm	L inch	W mm	T mm	g	
79063-06	150	6	14.7	0.6	12	100 / 1500
79063-12	300	12	23.7	1.0	65	20 / 400
79063-20	500	20	28.5	1.2	145	10 / 160
79063-40	1000	40	35.0	1.2	360	10 / 80

Calipers

77121

- Vernier calipers with fine adjustment and nib jaws
- Inside and outside measurement can be read directly from jaw
- Dual scale: metric & imperial marking (mm/inch)
- The calipersis made of hardened stainless steel

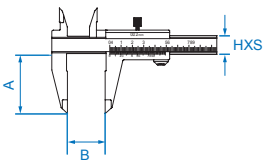




KT NO.	A mm	B max mm	B max inch	Vernier mm	Vernier inch	H x S mm	g	
77121-08	60	200	8	0.02	0.001	20 x 4	860	1 / 10

77131

- Vernier calipers parallax free
- Parallax free bevel scales for easy and accurate measurement
- 4 way measurement capability for outside, inside, depth and step measarements
- The caliperis made of hardened stainless steel



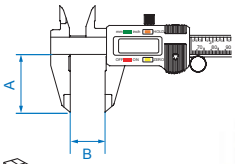


KT NO.	A mm	B max mm	Vernier mm	H x S mm	g	
77131-06	40	150	0.02	16 x 3	320	1 / 50
77131-08	50	200	0.02	20 x 4	450	1 / 50

Calipers

77141

- Digital calipers
- Digital display slide calipers with thumb roller
- Large clear LCD on/off, metric/imperial, zero switches
- Hold function allows quick and efficient inspection record
- Made of hardened stainless steel





KT NO.	A mm	B max mm	B max inch	Resolution mm	Resolution inch		
77141-06	40	150	6	0.01	0.001	320	1 / 20
77141-08	50	200	8	0.01	0.001	485	1 / 50

Metric Feeler Gauge

- Material: blade made of spring steel

77340-20

- 20 blades metric feeler gauge



KT NO.	Number of blades	Width x Length of blades (mm)	Contents	105	50 / 200
77340-20	20	10 x 100	0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00 mm		

77335-25

- 25 blades metric feeler gauge



KT NO.	Number of blades	Width x Length of blades (mm)	Contents	110	50 / 200
77335-25	25	13 x 85	0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00 mm		

77328-26

- 26 blades inch feeler gauge



KT NO.	Number of blades	Width x Length of blades (mm)	Contents	91	14 / 168
77328-26	26	12.7 x 76	0.0015", 0.002", 0.0025", 0.003", 0.004", 0.005", 0.006", 0.007", 0.008", 0.009", 0.010", 0.011", 0.012", 0.013", 0.014", 0.015", 0.016", 0.017", 0.018", 0.019", 0.020", 0.021", 0.022", 0.023", 0.024", 0.025"		
			0.038, 0.051, 0.063, 0.076, 0.102, 0.127, 0.152, 0.178, 0.203, 0.229, 0.254, 0.279, 0.305, 0.330, 0.356, 0.381, 0.406, 0.432, 0.457, 0.483, 0.508, 0.533, 0.559, 0.584, 0.610, 0.635 mm		

Roller Chain Detacher

3214

KT NO.	For chain size mm		
3214-35	35~50	310	1 / 60
3214-60	60~100	691	1 / 20



KING TONY Tools for Working at Height

Worker safety plays paramount role, particularly for who works at height. KING TONY Tools at Height are simple anti-drop solutions to prevent tools from falling. It can avoid the risk of dropped tools to hurt people, causing damage and disrupting work.
It's applicable in drilling derricks, wind turbines, cranes, buildings, scaffolds, bridges, telecom masts, power lines, hangars, overhead gantries, nuclear fuel rod cooling ponds, water filter beds, underground mining shafts where safety is a major concern.










79A21-30

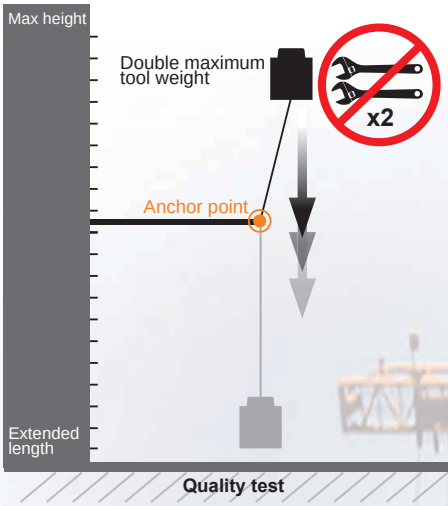
- Retractable tool lanyard
- 3 kgs maximum tool weight
- Nylon tether with steel spring inside to absorb the shock of a dropped tool
- Increases safety and productivity
- Ergonomically designed length

79A22-30

KT NO.	Capacity mm	Hook		
79A21-30	800~1300	2 lock snaps	106	12 / 144
79A22-30	800~1300	fixed loop	89	12 / 144


79A21-30


79A22-30



- The retractable tool lanyards are developed according to KING TONY standard. The steel lanyards are tested by double maximum weight and dropped from height. Product quality is approved.

3W COB + 5 LED Lamp

9TA27 new

- 3W COB + 5 LEDs (top)
- Brightness : 300 Lumen (lm), white light color, kelvin : 7200K
- Materials : ABS+PS
- 180° magnetic swivel base + 360° functional hook
- Rechargeable battery : 3.7V - 2600mAh Li-ion
- Accessory : USB charging cable
- 4 hours continuous light, charge times : 4.5 hours







Battery status indicator light

USB charger port



180° swivel base



Top light with 5 LED

Contents

3W COB + 5 LED rechargeable work lamp	x 1 PC.
USB CABLE	x 1 PC.

KT NO.	L mm		
9TA27	220	236.0	1 / 40

3 + 1 LED Work Lamp with Magnetic Swivel Base

9TA24

- High power LEDs: 9 W (main) + 3 W (top)
- Brightness: 282 Lumen(lm)
- 60° magnetic swivel base + 360° functional hook
- IP65 shockproof housing + waterproof coating
- Rechargeable battery: 3.6V – 2300mAh Li-ion
- AC 100~240V 50/60Hz EU battery charger
- DC 12~24V car battery charger





60° Magnetic swivel base



Main light with unbreakable lens + 3 powerful LEDs



Top light with 1 powerful LED



Battery status indicator light

Contents

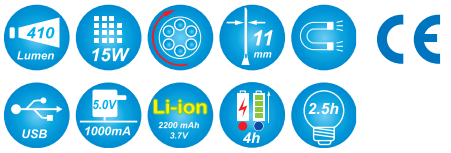
3+1 LED rechargeable work lamp	x 1 PC.
AC charger	x 1 PC.

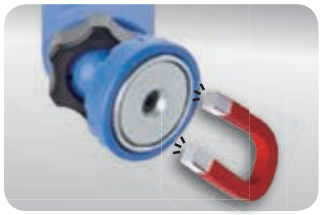
KT NO.		Suitable country	
9TA24A		Europe	1 / 20
new 9TA24B		America & Asia	1 / 20
9TA24D		Australia & New Zealand	1 / 20

Slim Inspection Lamp & Set

9TA26

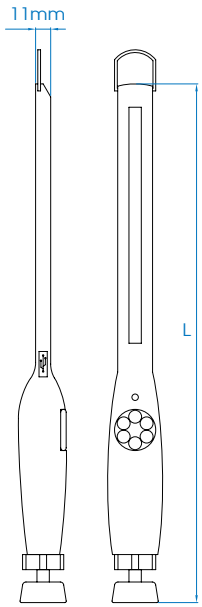
- 11 mm thickness adjustable light 15W COB LED
- Brightness: 410 Lumen (lm)
- Magnetic swivel base with functional hook
- Rechargeable battery: 3.7V-2300mAh Li-ion
- Power adaptor AC 100-240V
- USB Changer 5V, 1000mA
- 5 hours (Normal) 2.5 hours (Boost) lighting
- Changer Time: 3.5~4.0 hours
- Waterproof grade: IP 54













KT NO.	L mm	Suitable country	Kg	
9TA26A	375	Europe	0.39	1 / 12
9TA26B	375	America & Asia	0.39	1 / 12
9TA26D	375	Australia & New Zealand	0.38	1 / 12

Contents		
COM LED LAMP		x 1 PC.
USB CHARGER	9TA26P02	x 1 PC.
USB CABLE	9TA26P03	x 1 PC.

9TA26A-S

Paper display stand size(mm):
330 x 160 x 520 (0.969CUFT)

Contents		Kg	
	9TA26A	8.03	1 / 3





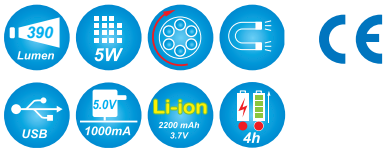
6 PC.



Flexible LED Lamp

9TA25

- 5W High lightness LED lamp
- Brightness : 390 Lumen(lm)
- Rechargeable battery : 3.7V-2300mAh-Li-ion
- Power adaptor AC 100-240V
- USB changer 5V, 1000mA
- Battery power status indicator
- 360 degrees of rotation
- Built-in magnet
- Waterproof grade: IP54





Contents

LED LAMP		x 1 PC.
USB CHARGER		x 1 PC.
USB CABLE		x 1 PC.

KT NO.	L inch	L mm		Suitable country	g	
9TA25A	12	300		Europe	300	1 / 20
new 9TA25B	12	300		America & Asia	300	1 / 20
9TA25D	12	300		Australia & New Zealand	300	1 / 20

Adjustable focus

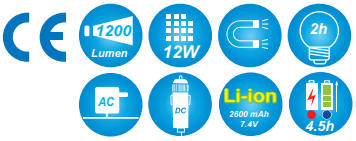




12W SMD LED Adjustable Lamp

9TA31 new

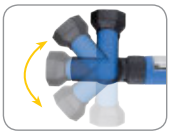
- 60 PC. SMD LEDs
- Brightness : 1200 Lumen (lm), white light color, kelvin : 7000~7800K
- Materials : ABS+PC
- Two step adjustable light
- Hidden hook and magnetic adsorption
- Rechargeable battery : 7.4V - 2600mAh Li-ion
- Accessory: AC 100~240V, 50/60Hz EU battery charger, DC 12V cigarette plug charger
- 2 hours continuous light, charge times : 4.5 hours

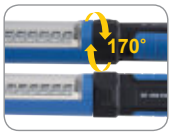




Adjustable light


Two step adjustable light

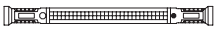

Magnetic swivel base



body swivel knot



Contents

12W SMD LED rechargeable work lamp		x 1 PC.
AC charger		x 1 PC.
DC Car charger		x 1 PC.

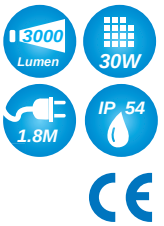
KT NO.	L mm		Suitable country	g	
9TA31A	760		Europe	790	1 / 8
9TA31B	760		America & Asia	790	1 / 8

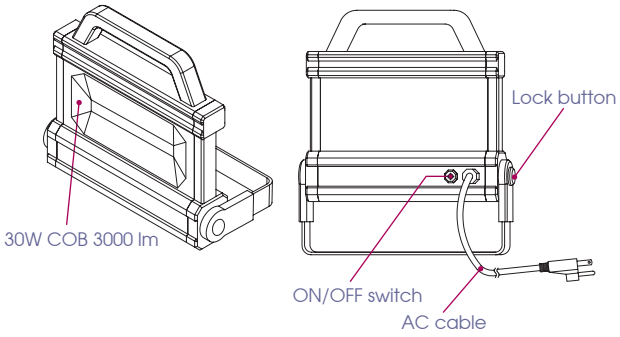


30W Wired COB LED Floodlight

9TA42 new

- 30W COB LED floodlight with portable handle
- Brightness: 3000 Lumen (lm), white light color, kelvin: 6000~7000K
- IP54 aluminum housing + waterproof coating
- Slim profile with lockable adjustment and 180° swivel base
- Option to wall mount or tripod stand at work sites
- Accessory: AC adapter cable 1.8M








Swivel base

KT NO.	L x H x W mm		Suitable country	g	
9TA42A	238x270x46		Europe	1239	1 / 6
9TA42B	238x270x46		America & Asia	1239	1 / 6

1.5W COB +1 LED Lamp

9TA28 new

- 1.5W COB + 1W LED
- 180° magnetic swivel base + 270° magnetic swivel clip
- Rechargeable battery : 3.7V - 800mAh Li-ion
- Accessory: USB charging cable
- Overcharge/Discharge protection
- Materials: ABS+PC
- 2 hours continuous light, charge time: 2 hours
- Brightness: 145 Lumen (lm), white light color, kelvin: 7200K





180° swivel clip


magnetic base


USB charger port


Top light with 1 LED



Magnetic swivel clip

Contents		
1.5W COB + 1 LED rechargeable work lamp		x 1 PC.
USB CABLE		x 1 PC.

KT NO.	L mm	g	
9TA28	180	160	12 / 48

LED Pocket Torch

79814 new

- 1W High performance LED pocket torch
- Brightness: 30 Lumen(lm)
- Aluminum alloy body with keychain
- Operates using 1 x AA battery (not included)
- 6 hours (normal) lighting



KT NO.	L x Ø mm	g	
79814	98 x 21	31	10 / 120

79815 new

- 3W High performance LED adjustable focus pocket torch
- Brightness: 120 Lumen(lm)
- Strobe warning lights for maximize visibility
- Aluminum alloy body, safety lanyard included
- Operates using 3 x AAA batteries (not included)
- 6.5 hours (normal) lighting



KT NO.	L x Ø mm	g	
79815	128 x 28	95	1 / 100

79831

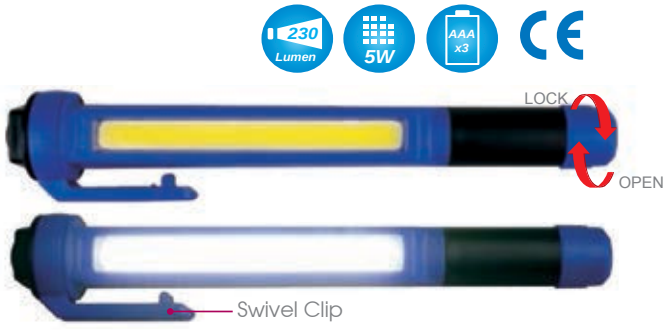
- Pen light with 6 PC. SMD(surface-mount devices) LED
- Brightness:135 Lumen(lm)
- ABS body 360 degree rotation
- PE lampshade: avoid nebulization
- Operates using 3 x AAA batteries (not included)



KT NO.	L x W x H mm	g	
79831	165 x 25 x 30	58	10 / 120

79832

- Pen light with 1 PC. 5W COB(chip on board)
- Brightness:230 Lumen(lm)
- ABS body 360 degree rotation
- PE lampshade: avoid nebulization
- Operates using 3 x AAA batteries (not included)
- Waterproof grade: IP 54



KT NO.	L x W x H mm	g	
79832	165 x 25 x 30	58	10 / 120







LED Pen Light Set

7983

Paper display stand size(mm):
115 x 175 x 175 (0.124CUFT)

KT NO.	Contents				
79830DQ	6 PC.		79831	0.58	1 / 12
	6 PC.		79832		
79831-S	12 PC.		79831	0.58	1 / 12
79832-S	12 PC.		79832	0.58	1 / 12





LED Pocket Torch

79813

- Aluminium body and tube with wrist strap
- Operates using 2 x AA batteries (not included)

KT NO.	L mm		
79813	153.5	57	10 / 200



Round Magnetic Tool Holder

9TE11

- Stainless steel tray resists corrosion
- Can be used horizontally, vertically, and upside down
- Convenient for collecting small parts and tools

KT NO.	Size mm		
9TE11	Ø 150	433.0	1 / 30





PU Working Gloves

9TH31-XL new

9TH31-2L

- Strap design for easy adjustments
- Comfortable and breathable fabric material

70 100



Anti-vibration Protective Gloves

9TH21XL

- Protection from repetitive impact and vibration of pneumatic tools
- Magnet in back of glove for storing metal parts and fasteners

110 100





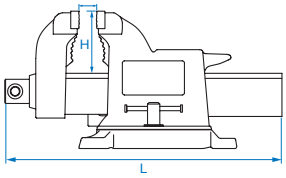
360° Cast Steel Bench Vise & Display Rack



9TZ11

- Cast steel body and slide ideal for heavy duty applications
- Ductile cast iron screw pitched acme thread ensures long life and positives action
- Serrated jaws design provides good grip
- 360° swivel base allows operator to approach any direction

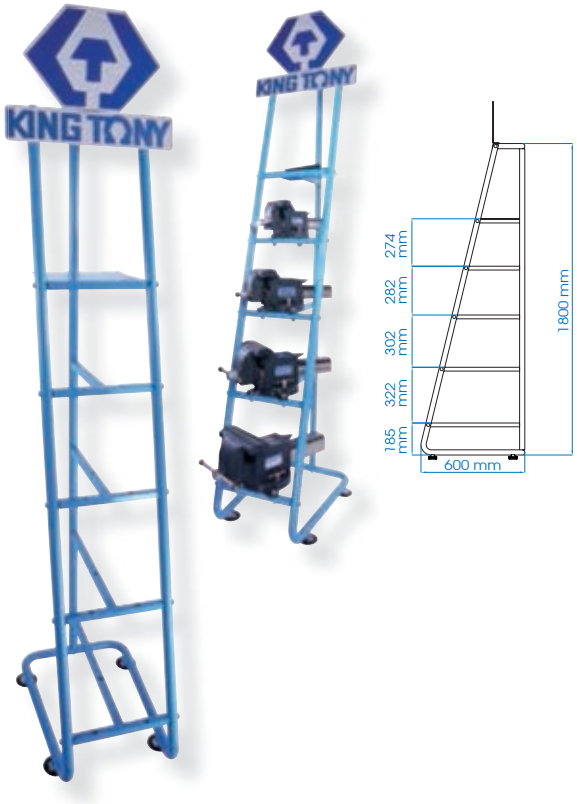


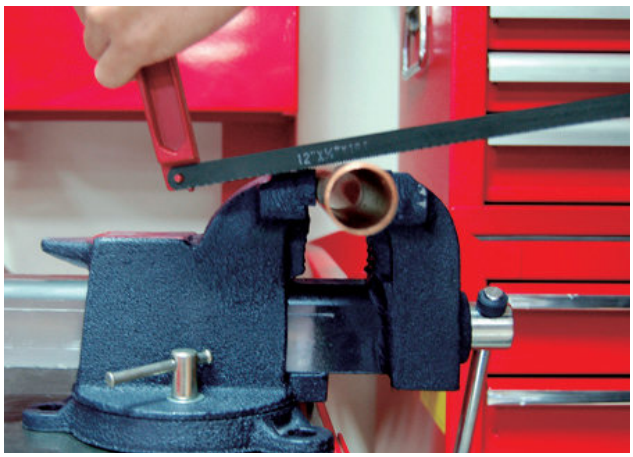


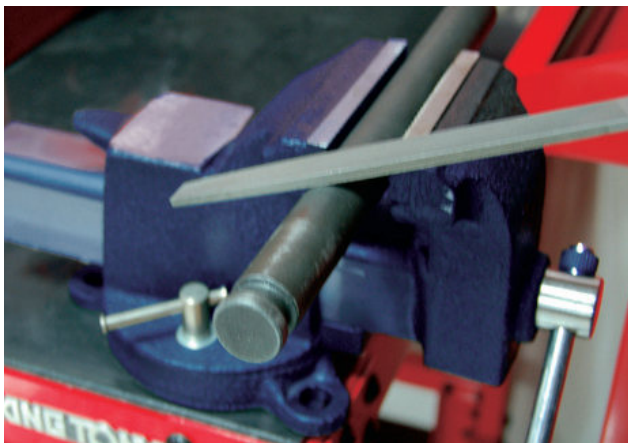
KT NO.	mm	H mm	L mm	Kg	
9TZ11-04	146	57	310	7.50	1 / 1
9TZ11-05	166	67	365	11.0	1 / 1
9TZ11-06	200	76	422	14.5	1 / 1
9TZ11-08	225	89	492	18.0	1 / 1
9TZ11-10	250	102	572	25.6	1 / 1

87160

- Overall Size - W 400 x D 600 x H 2070 mm







Screw Extractor Set

11205SQ

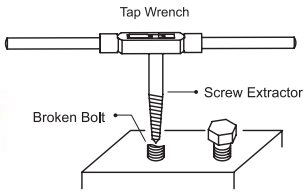
- A quick and easy way to remove broken screw, pipe, bolt and stud

100 g | 25 / 100

KT NO.	Capacity mm	Capacity inch	L mm
2127-06M	M3~M6	1/8~1/4	51.5
2127-08M	M6~M8	1/4~5/16	58.0
2127-11M	M8~M11	5/16~7/16	66.0
2127-14M	M11~M14	7/16~9/16	73.5
2127-18M	M14~M18	9/16~3/4	81.0



5 PC.



11208SQ new

- Quick and easy to remove broken screw, pipe, bolt and stud

829 g | 6 / 24

KT NO.	Capacity mm	Capacity inch	L mm
2127A-06M	M3~M6	1/8~1/4	51.5
2127A-08M	M6~M8	1/4~5/16	58.0
2127A-11M	M8~M11	5/16~7/16	66.0
2127A-14M	M11~M14	7/16~9/16	73.5
2127A-18M	M14~M18	9/16~3/4	81.0
2127A-24M	M18~M24	3/4~1	91.0
2127A-33M	M24~M33	1~1-3/8	106.0
2127A-50M	M33~M50	1-3/8~2	112.0



8 PC.



Screw Extractor & Drill Set

11225SQ

- Easy to remove 5~14 mm broken screws
- 15 PC. HSS drill bit & center guide
- 10 PC. extractor pin & nut

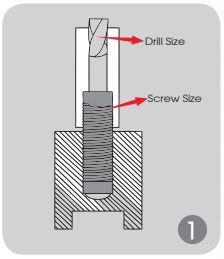
0.79 Kg | 1 / 20

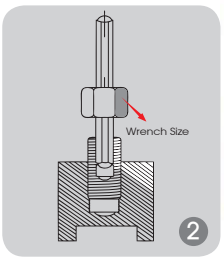


- Use the guide to drill a pilot hole in the center of broken screw



- Put on extractor nut turning out broken screw with wrench







25 PC.

Blow case size (mm) :
260 x 175 x 60 (0.096CUFT)

Nut Splitter Set

9TD062

- For removing stubborn nuts or over tightened bolts without damaging the bolt thread
- Suitable for nuts to a tensile class 6
- Do not overtighten to prevent damage to the threads under the nut

0.61 | 12 / 36

KT NO.	Capacity inch	Capacity mm	Hex (mm)
9TD602	1/2"~5/8"	12~16	14
9TD603	5/8"~7/8"	16~22	19



2 PC.

9TD064

1.89 | 1 / 12

KT NO.	Capacity inch	Capacity mm	Hex (mm)
9TD601	5/16"~1/2"	9~12	12
9TD602	1/2"~5/8"	12~16	14
9TD603	5/8"~7/8"	16~22	19
9TD604	7/8"~1-1/8"	22~27	21





4 PC.

Blow case size (mm) :
260 x 175 x 60 (0.096CUFT)

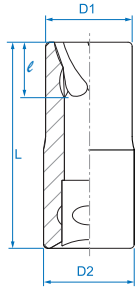
1/2" DR. Damaged Nuts Remover Socket & Set

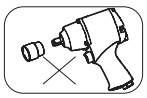
9TD403 1/2"

- Made of top quality SNCM alloy steel, provides good wear resistance and durability
- Ideal for the removal of rounded, damaged or corroded nuts, bolts, oil drain plugs, marine nuts and bolts, exhaust manifold nuts, pipe nozzle, and studs
- No pounding, chisels or torches are needed

KT NO.	D1 mm	D2 mm	ℓ mm	L mm		
new 9TD403-10M	16	22	8	50	70	10 / 180
9TD403-12M	18.0	22	11	50	77	10 / 180
9TD403-13M	20.0	22	11	50	84	10 / 180
9TD403-14M	21.0	22	11	50	85	10 / 180
9TD403-17M	24.5	25	15	50	117	10 / 180
9TD403-19M	27.0	27	15	50	135	8 / 80
9TD403-21M	29.4	27	16	50	138	8 / 80
9TD403-22M	30.5	27	17	50	140	8 / 80
new 9TD403-23M	31.8	27	17	50	136	8 / 80
new 9TD403-27M	36.0	27	18	50	146	6 / 120







CAUTION
Can't be used with pneumatic wrench



9TD 1/2"

KT NO.		Contents			
new 9TD034MR	9TD403	21, 22, 23 27	8740705	0.58	4/36
9TD035MR		12, 13, 14, 17, 19		0.52	
new 9TD036MR		10, 12, 13 14, 17, 19	8740706	0.60	



9TD034MR 4 PC.



9TD035MR 5 PC.



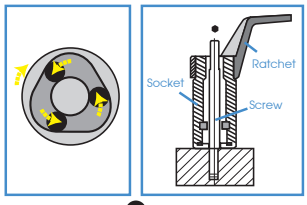
9TD036MR 6 PC.

Roller Stud Extractor Socket & Set

9TD401 1/2"

▪ For tightening or loosening studs







KT NO.	mm	D1 mm	D2 mm	L mm	g	
9TD401-06M	6	24.5	21	60	150.0	10 / 180
9TD401-08M	8	24.5	21	60	150.0	10 / 180
9TD401-10M	10	27.5	21	69.5	190.0	12 / 120
9TD401-12M	12	27.5	21	69.5	190.0	12 / 120

9TD014MR 1/2"

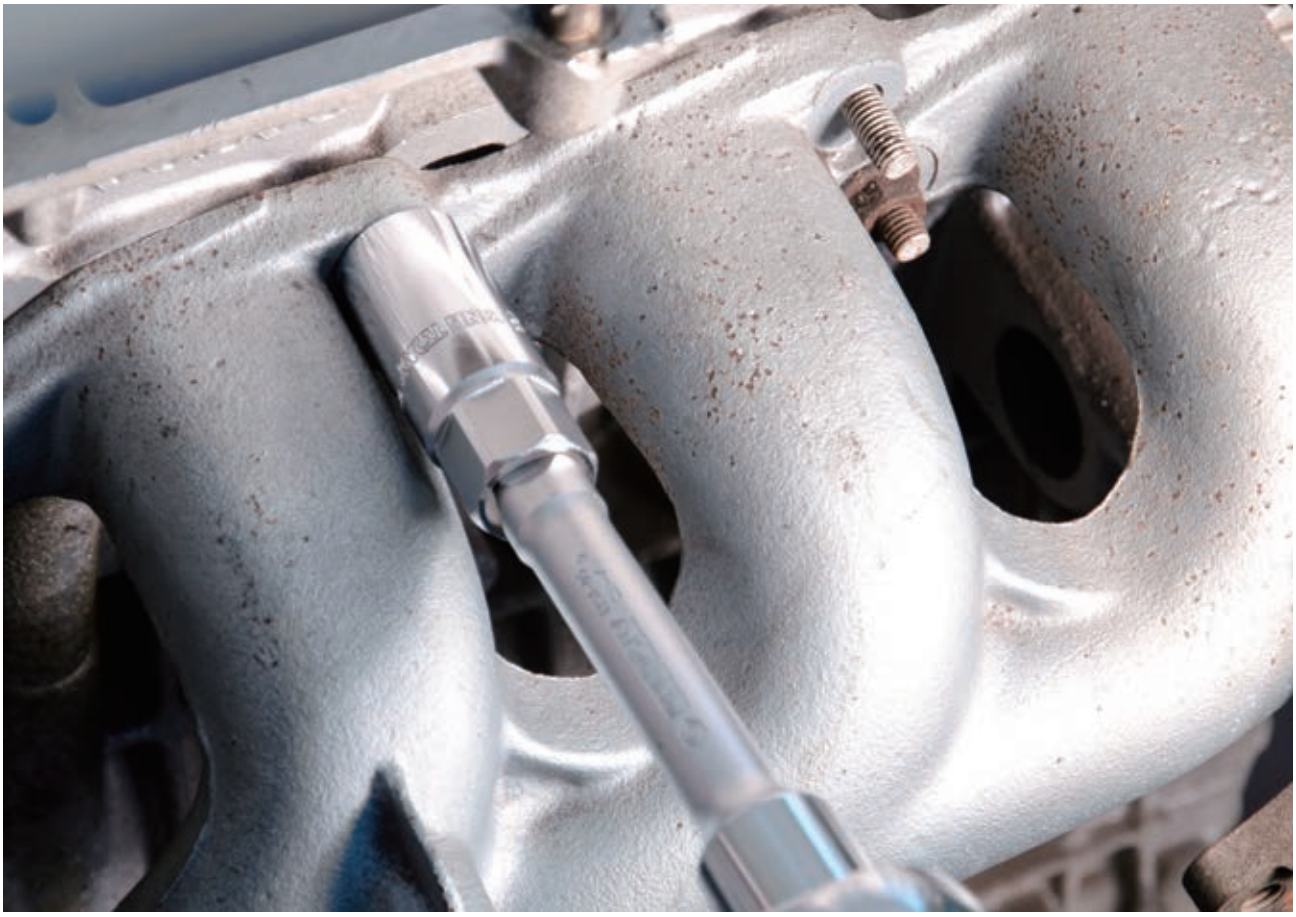
▪ 4 stud drivers for sizes M6, M8, M10 and M12

Kg 1.10 1 / 25

4 PC.



Blow case size (mm) :
210 x 111 x 49 (0.04CUFT)



Aviation Tin Snips

74010~74060

- Special drop forged CRMO with induction herded edges 62HRC
- Blades with serrated edges fast cuts in sheet metal, aluminum, and much more
- Cut 1.2mm cold-rolled steel (18GA) low carbon steel
- Non-slip color code grips for superior control
- 74040 Notching bulldog style with higher cutting ability
- 74060 Extra-long compound action style compare to tin snips
  - Special laborsaving design
  - High tensile strength
  - High torsional strength spring
  - Solid and comfortable handle with non-slip design
  - Hang-up hole for convenient storage
  - Safety auto latch (D.PAT.)



74010



74020



74030



74040



74060

KT NO.	Overall length mm	Cutting length mm	Color of handle	Cutting capacities (mm) Copper (soft)	Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)	Stainless steel304		
74010	248	35	Red	1.50	1.20	0.80	0.70	375	6 / 48
74020	248	35	Green	1.50	1.20	0.80	0.70	375	6 / 48
74030	250	38	Yellow	1.50	1.20	0.80	0.70	380	6 / 48
74040	230	25	Yellow	2.00	1.60	1.20	1.20	370	6 / 36
74060	290	75	Orange	1.10	0.94	0.70	0.53	450	6 / 36

Figure Tin Snips

74250~74270

- Special drop forged CRMO with induction herded edges 63HRC
- Blades with serrated edges fast cuts in sheet metal, aluminum, and much more
- Cut 1.5mm cold-rolled steel (16GA) low carbon steel
- Non-slip color code grips for superior control
  - Special laborsaving design
  - High tensile strength provided
  - High torsional strength spring designed
  - Solid and comfortable handle with non-slip design
  - Hang-up hole for convenient storage
  - Safety auto latch (D.PAT.)



74250



74260



74270

KT NO.	Overall length mm	Cutting length mm	Color of handle	Cutting capacities (mm) Copper (soft)	Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)	Stainless steel304		
74250	260	35	Red	1.80	1.50	1.00	0.90	480	6 / 36
74260	260	35	Blue	1.80	1.50	1.00	0.90	480	6 / 36
74270	260	35	Yellow	1.80	1.50	1.00	0.90	480	6 / 36

Straight Pattern Snips

74410~74416

- Drop forged of finest quality steel induction herded edges 60HRC
- Cuts straight flat face guides tool along straight line
- Blades individually hand edged for maximum cutting efficiency
- Rust resistant blades
- Cushion handle for comfort and better grip



74410 ~ 74416

KT NO.	Overall length mm	Cutting length mm	Cutting capacities (mm) Copper (soft)	Cold-rolled Steel (soft)	Hard steel HRC 30 (Hard)	Stainless steel304	g	
74410	254	51	0.94	0.78	0.60	0.45	480	6 / 36
74412	305	70	1.15	0.91	0.70	0.63	650	6 / 24
74414	356	76	1.41	1.20	1.00	0.70	780	6 / 24
74416	415	63	2.00	1.60	1.20	1.00	1700	3 / 12

Curved Tin Snips

74512

74514

- Drop forged of finest quality steel induction herded edges 60HRC
- Double curved, hollow ground blades reduce friction for easier cutting
- British Gilbow type
- Rust resistant blades
- Cushion handle for comfort and better grip



74512 / 74514

KT NO.	Overall length mm	Cutting length mm	Cutting capacities (mm) Copper (soft)	Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)	Stainless steel304	g	
74512	305	60	1.15	0.91	0.70	0.63	670	6 / 24
74514	356	65	1.40	1.20	100	0.70	920	6 / 24

Duckbill Pattern Snips

74613

- Drop forged of finest quality steel induction herded edges 60HRC
- Cuts moderately tight curves left, right or straight in light stock
- Blades individually hand edged for maximum cutting efficiency
- Rust resistant blades
- Cushion handle for comfort and better grip



KT NO.	Overall length mm	Cutting length mm	Cutting capacities (mm) Copper (soft)	Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)	Stainless steel304	g	
74613	330	72	1.20	0.84	0.61	0.61	720	6 / 24

Saw

7911-12

- Sliding metal bow
- Lightweight, resistant to oxidization and oil
- Two blade positions 45° and 90° including flush cut
- Ergonomic handle with hand stop



KT NO.	Adjustable blade length (mm)	Overall length mm	g	
7911-12	305	400	628	6 / 36

7921-12

- Sliding metal bow
- Handle material : ABS+TPR
- Lightweight & anti-slippery
- Four blade positions 45°, 90°, 135°, 180° including flush cut
- Spare blades can be stored



KT NO.	Adjustable blade length (mm)	Overall length mm	g	
7921-12	300	510	555	12 / 24

Way to replace the blade



- To loosen the button.



- To press the button then pull the tube to take out the blade.



- Replace the new blade.

File

7510G

- Flat file

KT NO.	Size mm		L mm	mm	mm	g	
75101-08G	8	Bastard cut	200	4.8	20.0	190	2 / 40
75101-10G	10		250	5.7	23.6	292	2 / 40
75102-08G	8	Second cut	200	4.8	20.0	190	2 / 40
75102-10G	10		250	5.7	23.6	288	2 / 40



7520G

- Half round file

KT NO.	Size mm		L mm	mm	mm	g	
75201-08G	8	Bastard cut	200	6.7	19.9	190	2 / 40
75201-10G	10		250	7.0	23.5	292	2 / 40
75202-08G	8	Second cut	200	6.7	19.9	190	2 / 40
75202-10G	10		250	7.0	23.5	288	2 / 40



File

7530G

▪ Round file

KT NO.	Size mm		L mm	mm	g	
75302-08G	8	Second cut	200	7.2	122	2 / 40
75302-10G	10		250	9.2	185	2 / 40



7540G

▪ Triangle file

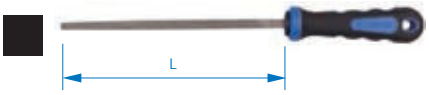
KT NO.	Size mm		L mm	mm	g	
75402-08G	8	Second cut	200	13.0	183	2 / 40
75402-10G	10		250	14.9	254	2 / 40



7550G

▪ Square file

KT NO.	Size mm		L mm	mm	g	
75501-08G	8	Bastard cut	200	7.5	130	2 / 40
75501-10G	10		250	9.5	210	2 / 40
75502-08G	8	Second cut	200	7.5	132	2 / 40
75502-10G	10		250	9.5	218	2 / 40



File Set

• Pouch material : Nylon

1005GQ

1015GQ

▪ Available with T2 cut for precision work

KT NO.	Contents	L inch	Kg	
1005GQ (for 8")	75102-08G, 75202-08G, 75302-08G, 75402-08G, 75502-08G	8"	0.9	1 / 20
1015GQ (for 10")	75102-10G, 75202-10G, 75302-10G, 75402-10G, 75502-10G	10"	1.4	1 / 8



1005GQ / 1015GQ

Needle Files Set

• Pouch material : Nylon

1036ZQ new

▪ Available with GCR15 cut for precision work

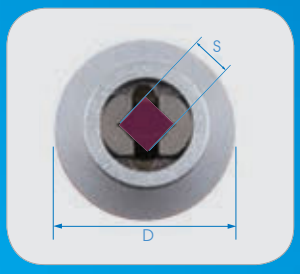
KT NO.	Contents	L mm	Kg	
1036ZQ	75135-06, 75235-06, 75335-06, 75435-06, 75535-06, 75035-06	160	91	1 / -



Tap Holder

39123010M / 39123012M 39124012M

- Used with reversible ratchet and T-handle
- Chuck mechanism hold compatible tap drills
- Used for metal working screw thread





KT NO.	Drive	D mm	S(mm) min.	S(mm) max.	g	
39123010M	3/8	34.5	2.0	6.0	221	4/80
new 39123012M	3/8	34.5	4.0	9.0	221	4/64
39124012M	1/2	38.5	6.0	12.0	259	4/64

Professional Threaded Coil-Insert Repair Set

11311MQ

- Thread tap for most common metric size : M5, M6, M8 and M10
- Used for repairing and restoring damaged threads
- Suitable for machine, engine and other automotive repair applications

119 PC.

KT NO. 11311MQ — Contents — 2.78 kg — 1 / 5

Screw-Coil:

M5x0.8x1.5D(L:7.5mm)	25 PC.
M6x1.0x1.5D(L:9mm)	25 PC.
M8x1.25x1.5D(L:12mm)	25 PC.
M10x1.5x1.5D(L:15mm)	25 PC.

Tap:

M5x0.8	1 PC.
M6x1.0	1 PC.
M8x1.25	1 PC.
M10x1.5	1 PC.

Tang Puncher:

M5x0.8	1 PC.
M6x1.0	1 PC.
M8x1.25	1 PC.
M10x1.5	1 PC.

Drill:

5.2mm	1 PC.
6.3mm	1 PC.
8.3mm	1 PC.
10.4mm	1 PC.

Main Tool:

M5x0.8	1 PC.
M6x1.0	1 PC.
M8x1.25	1 PC.
M10x1.5	1 PC.

3571-08	3/8"drive sliding T-handle
3760-05G	3/8"drive mini reversible ratchet
39123012M	3/8" tap holder



Metal case size (mm) : 350 x 216 x 40

Tap & Die Set

12916MQ1 new

- Material: SK5 alloy steel
- 1 PC.Tap wrench(M3-M12, 1/8"~1/2")
- 1 PC. Die stock 25mm(1")
- Tap: M3~M12
- Die: M3~M12



16 PC.

KT NO.		Contents	0.78	1 / 20
12916MQ1	12939MQ-A	M3x0.5, M4x0.7, M5x0.8, M6x1.0, M8x1.25, M10x1.5, M12x1.75	12939MQ-A01	25mm (1")
	12939MQ-A		12939MQ-A02	M3~M12 (1/8"~1/2")

12939MQ1 new

12939SQ1 new

- Material: SK5 alloy steel
- 1 PC. Tap wrench(M3-M12, 1/8"~1/2")
- 1 PC. "T" Type tap wrench(M3-M6, 1/8"~1/4")
- 1 PC. Die stock 25mm(1")
- 1 PC. Screw driver
- 12939MQ1-
  1 PC. Screw pitch gauge (0.5-28)
  Tap: M3~M12 / Die: M3~M12
- 12939SQ1-
  1 PC. Screw pitch gauge(12-40)
  Tap: 1/8"~1/2" / Die: 1/8"~1/2"





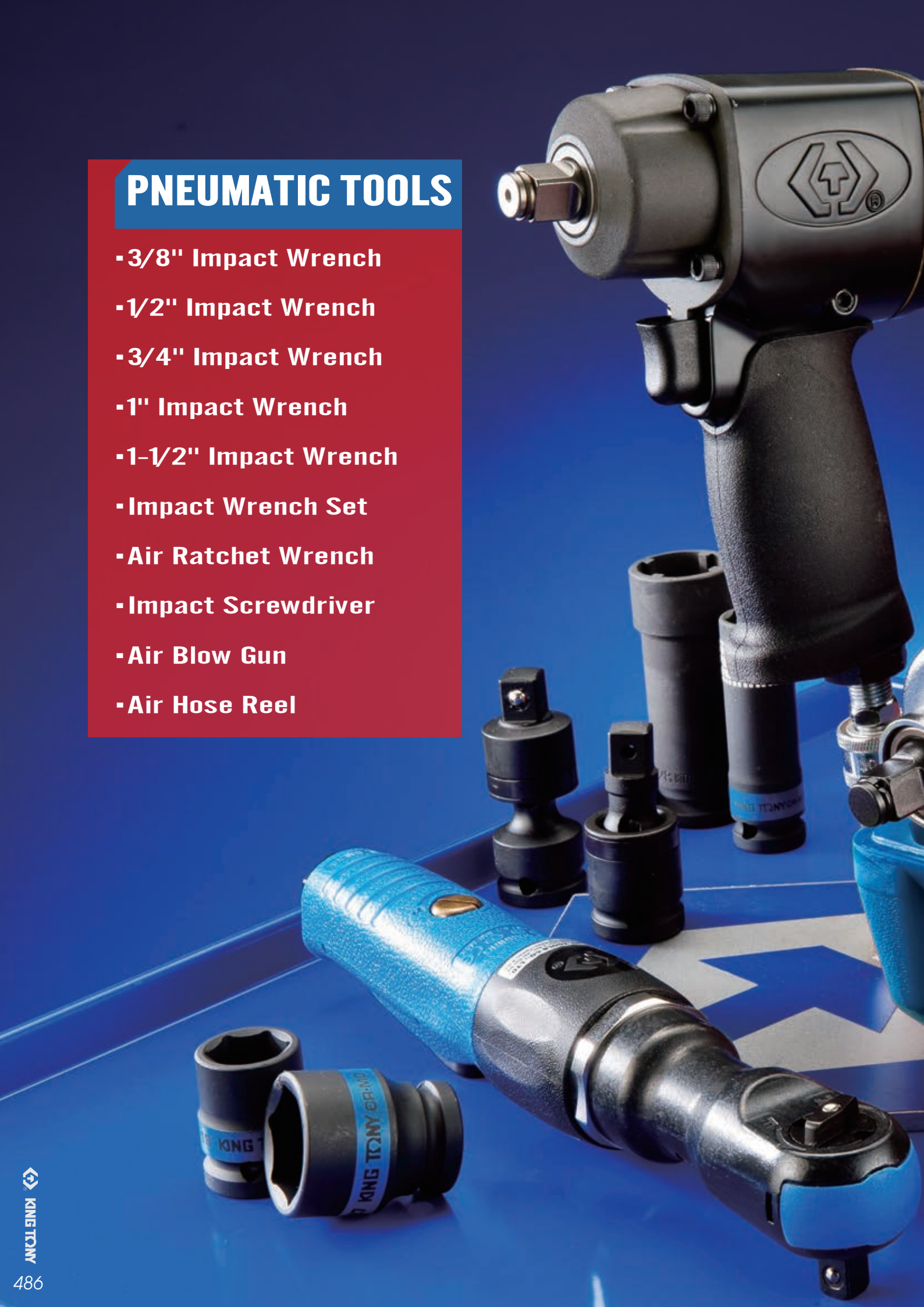
39 PC.

KT NO.		Contents	1.4	1 / 10
12939MQ1	12939MQ-A	**12939MQ-A06** / M3x0.5, **12939MQ-A07** / M3x0.6, **12939MQ-A08** / M4x0.7, **12939MQ-A09** / M4x0.75, **12939MQ-A10** / M5x0.8, **12939MQ-A11** / M5x0.9, **12939MQ-A12** / M6x0.75, **12939MQ-A13** / M6x1.0, **12939MQ-A14** / M7x0.75, **12939MQ-A15** / M7x1.0, **12939MQ-A16** / M8x1.0, **12939MQ-A17** / M8x1.25, **12939MQ-A18** / M10x1.25, **12939MQ-A19** / M10x1.5, **12939MQ-A20** / M12x1.5, **12939MQ-A21** / M12x1.75, **12939MQ-A22** / 1/8NPT27	12939MQ-A01	25mm (1")
	12939MQ-A	**12939MQ-A23** / M3x0.5, **12939MQ-A24** / M3x0.6, **12939MQ-A25** / M4x0.7, **12939MQ-A26** / M4x0.75, **12939MQ-A27** / M5x0.8, **12939MQ-A28** / M5x0.9, **12939MQ-A29** / M6x0.75, **12939MQ-A30** / M6x1.0, **12939MQ-A31** / M7x0.75, **12939MQ-A32** / M7x1.0, **12939MQ-A33** / M8x1.0, **12939MQ-A34** / M8x1.25, **12939MQ-A35** / M10x1.25, **12939MQ-A36** / M10x1.5, **12939MQ-A37** / M12x1.5, **12939MQ-A38** / M12x1.75, **12939MQ-A39** / 1/8NPT27	12939MQ-A02	M3~M12 (1/8"~1/2")
	12939MQ-A03	0.5, 0.6, 0.7, 0.75, 0.8, 0.9, 1.0, 1.25, 1.5, 1.75, 27, 28	12939MQ-A04	M3~M6 (1/8"~1/4")
12939SQ1	12939SQ-A	4NS36, 6NC32, 8NC32, 10NC24, 10NF32, 12NC24, 1/4NC20, 1/4NF28, 5/16NC18, 5/16NF24, 3/8NC16, 3/8NF24, 7/16NC14, 7/16NF20, 1/2NC13, 1/2NF20, 1/8NPT27	12939MQ-A05	
	12939SQ-A			
	12939SQ-A03	12, 13, 14, 16, 18, 20, 24, 27, 28, 32, 36, 40		


KING TONY
Enjoy your work

PNEUMATIC TOOLS

- 3/8" Impact Wrench
- 1/2" Impact Wrench
- 3/4" Impact Wrench
- 1" Impact Wrench
- 1-1/2" Impact Wrench
- Impact Wrench Set
- Air Ratchet Wrench
- Impact Screwdriver
- Air Blow Gun
- Air Hose Reel




22 KING TONY CR
KING TONY CR-MO

KT NO.	Drive	Max. torque Ft.lb	Max. torque Nm	Type: Standard	Type: Lightweight	Type: Mini.	Working place	Anvil: STD	Anvil: Long	Page
33311-020 33311-021	3/8"	200	271					○		489
33411-020 33411-021		200	271					○		489
33451-045 33451-046		450	610					○		489
33411-040 33411-041		500	678					○		490
33412-040 33412-041		500	678						(2")	490
33421-040 33421-041	1/2"	500	678					○		490
33411-050 33411-051		650	881					○		490
33412-050 33412-051		650	881						(2")	490
33431-065 33431-066		650	881					○		491
33611-055 33611-056		700	949					○		493
33612-055 33612-056		700	949						(2")	493
33621-075 33621-076		800	1085					○		493
33622-075 33622-076	3/4"	800	1085						(6")	493
33681-100 33681-101		1100	1491					○		492
33631-110 33631-111		1100	1491					○		494
33632-110 33632-111		1100	1491						(6")	494
33671-160 33672-160		1600	2170					○	(6")	495
33851-120 33851-121		1200	1626					○		496
33852-120 33852-121		1200	1626						(6")	496
33811-150 33812-150		1500	2033					○	(6")	497
33871-160 33872-160	1"	1600	2170					○	(6")	495
33841-180 33842-180		1800	2440					○	(6")	496
33831-180 33832-180		1800	2440					○	(6")	497
33861-200 33862-200		2000	2712					○	(6")	498
33851-250 33852-250		2500	3388					○	(8")	499
33911-250 33912-250	1-1/2"	2500	3388					○	(8")	499
33921-300 33922-300		3000	4065					○	(8")	499

Impact Wrench

33311



3/8"

33311

Standard

20% More Power Less Vibration

Mechanism-Jumbo Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

33411



1/2"

33411

Standard

20% More Power Less Vibration

Mechanism-Jumbo Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33311-020	3/8"	9.53	Std.anvil	7/16"	M11	10000	200	271	5-1/2"	139	1/4" BSPT	3/8"	6.2	90	71	2.5	95.35	3.78	1.35	2.98	1 / 10
33311-021	3/8"	9.53	Std.anvil	7/16"	M11	10000	200	271	5-1/2"	139	1/4" NPT	3/8"	6.2	90	71	2.5	95.35	3.78	1.35	2.98	1 / 10
33411-020	1/2"	12.70	Std.anvil	7/16"	M11	10000	200	271	5-1/2"	139	1/4" BSPT	3/8"	6.2	90	71	2.5	95.48	5.11	1.35	2.98	1 / 10
33411-021	1/2""	12.70	Std.anvil	7/16"	M11	10000	200	271	5-1/2"	139	1/4" NPT	3/8"	6.2	90	71	2.5	95.48	5.11	1.35	2.98	1 / 10

33451



1/2"

33451

Mini.

Twin Hammer

- Mini design, overall length 125mm with 1.6kg
- Nickel chrome molybenum square driver



-30% length



KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33451-045	1/2"	12.70	Std.anvil	5/8"	M16	9000	450	610	4-15/16"	125	1/4" BSPT	3/8"	6.2	90	164	5.8	99.90	2.26	1.60	3.53	1 / 10
33451-046	1/2"	12.70	Std.anvil	5/8"	M16	9000	450	610	4-15/16"	125	1/4" NPT	3/8"	6.2	90	164	5.8	99.90	2.26	1.60	3.53	1 / 10

Impact Wrench

33421



20% More Power Less Vibration

Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on front exhaust

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33421-040	1/2"	12.70	Std.anvil	5/8"	M16	8000	500	678	6-3/4"	171	1/4" BSPT	3/8"	6.2	90	113	4.0	101.02	8.70	2.56	5.64	1 / 8
33421-041	1/2"	12.70	Std.anvil	5/8"	M16	8000	500	678	6-3/4"	171	1/4" NPT	3/8"	6.2	90	113	4.0	101.02	8.70	2.56	5.64	1 / 8

33411 / 33412

Twin Hammer





33411 / 33412

New Twin Hammer





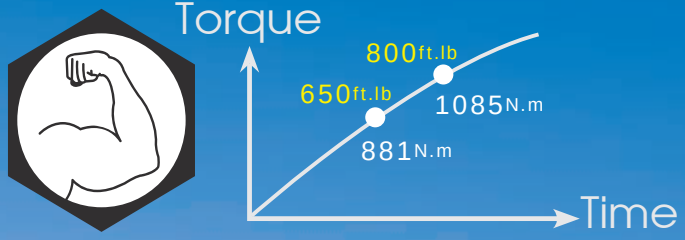
20% More Power Less Vibration

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33411-040	1/2"	12.70	Std. anvil	5/8"	M16	8000	500	678	7-23/64"	187	1/4" BSPT	3/8"	6.2	90	113	4.0	95.22	4.85	2.60	5.73	1 / 8
33411-041	1/2"	12.70	Std. anvil	5/8"	M16	8000	500	678	7-23/64"	187	1/4" NPT	3/8"	6.2	90	113	4.0	95.22	4.85	2.60	5.73	1 / 8
33412-040	1/2"	12.70	Long anvil	5/8"	M16	8000	500	678	9-23/64"	238	1/4" BSPT	3/8"	6.2	90	113	4.0	95.78	4.80	2.80	6.17	1 / 8
33412-041	1/2"	12.70	Long anvil	5/8"	M16	8000	500	678	9-23/64"	238	1/4" NPT	3/8"	6.2	90	113	4.0	95.78	4.80	2.80	6.17	1 / 8
33411-050	1/2"	12.70	Std. anvil	3/4"	M19	8000	650	881	7-41/64"	194	1/4" BSPT	3/8"	6.2	90	125	4.4	96.50	8.13	2.80	6.17	1 / 8
33411-051	1/2"	12.70	Std. anvil	3/4"	M19	8000	650	881	7-41/64"	194	1/4" NPT	3/8"	6.2	90	125	4.4	96.50	8.13	2.80	6.17	1 / 8
33412-050	1/2"	12.70	Long anvil	3/4"	M19	8000	650	881	9-23/64"	238	1/4" BSPT	3/8"	6.2	90	125	4.4	96.19	6.84	3.20	7.05	1 / 8
33412-051	1/2"	12.70	Long anvil	3/4"	M19	8000	650	881	9-23/64"	238	1/4" NPT	3/8"	6.2	90	125	4.4	96.19	6.84	3.20	7.05	1 / 8

High Performance Impact Wrench

33431-065

- Well balanced impact wrench with easy operation
- Improved twin hammer design : 30% higher torque







One-hand control forward & reverse switch



Convenient to switch on both sides



3-speed regulator for precise control



Ergonomic design interchangeable rubber grip



Air exhaust away from the operator

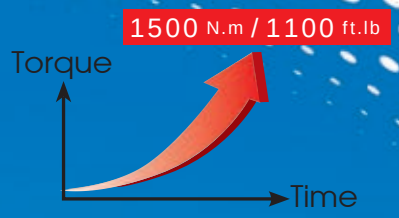
KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33431-065	1/2"	12.70	Std.anvil	5/8"	M16	8000	650	881	6-7/8"	175	1/4" BSPT	3/8"	6.2	90	139	4.9	101.50	9.37	2.58	5.69	1 / 8
33431-066	1/2"	12.70	Std.anvil	5/8"	M16	8000	650	881	6-7/8"	175	1/4" NPT	3/8"	6.2	90	139	4.9	101.50	9.37	2.58	5.69	1 / 8

Super Duty Composite Impact Wrench

33481 33681









lightweight
20% - 48%



One-handed F / R control
Easy forward / reverse switch
Forward
Reverse



New twin hammer
Strengthened structure,
prolong the lifetime



4-speed power setting, full speed in reverse



TPR comfortable handle material reduces vibration

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33481-095	1/2"	17.70	Std.anvil	1"	M24	8000	950	1288	7-3/4"	197	1/4" BSPT	3/8"	6.2	90	190	6.7	96.00	8.10	2.25	4.96	1 / 8
33481-096	1/2"	17.70	Std.anvil	1"	M24	8000	950	1288	7-3/4"	197	1/4" NPT	3/8"	6.2	90	190	6.7	96.00	8.10	2.25	4.96	1 / 8
33681-100	3/4"	19.05	Std.anvil	1-3/16"	M30	8000	1100	1491	8-3/8"	211	1/4" BSPT	3/8"	6.2	90	190	6.7	96.00	8.98	2.35	5.20	1 / 8
33681-101	3/4"	19.05	Std.anvil	1-3/16"	M30	8000	1100	1491	8-3/8"	211	1/4" NPT	3/8"	6.2	90	190	6.7	96.00	8.98	2.35	5.20	1 / 8

Impact Wrench

33611
33612
33621
33622

20% More Power Less Vibration

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust



3/4"

33611



3/4"

33612



3/4"

33621



3/4"

33622

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33611-055	3/4"	19.05	Std. anvil	7/8"	M20	6500	700	949	7-13/32"	188	1/4" BSPT	3/8"	6.2	90	125	4.4	96.56	8.64	3.00	6.61	1 / 8
33611-056	3/4"	19.05	Std. anvil	7/8"	M20	6500	700	949	7-13/32"	188	1/4" NPT	3/8"	6.2	90	125	4.4	96.56	8.64	3.00	6.61	1 / 8
33612-055	3/4"	19.05	Long anvil	7/8"	M20	6500	700	949	11-13/32"	290	1/4" BSPT	3/8"	6.2	90	125	4.4	96.86	6.17	3.40	7.50	1 / 8
33612-056	3/4"	19.05	Long anvil	7/8"	M20	6500	700	949	11-13/32"	290	1/4" NPT	3/8"	6.2	90	125	4.4	96.86	6.17	3.40	7.50	1 / 8
33621-075	3/4"	19.05	Std. anvil	1"	M24	6500	800	1085	8-63/64"	228	1/4" BSPT	3/8"	6.2	90	198	7.0	97.28	6.89	4.50	9.92	1 / 4
33621-076	3/4"	19.05	Std. anvil	1"	M24	6500	800	1085	8-63/64"	228	1/4" NPT	3/8"	6.2	90	198	7.0	97.28	6.89	4.50	9.92	1 / 4
33622-075	3/4"	19.05	Long anvil	1"	M24	6500	800	1085	12-63/64"	330	1/4" BSPT	3/8"	6.2	90	198	7.0	96.68	6.46	5.00	11.02	1 / 4
33622-076	3/4"	19.05	Long anvil	1"	M24	6500	800	1085	12-63/64"	330	1/4" NPT	3/8"	6.2	90	198	7.0	96.68	6.46	5.00	11.02	1 / 4

Impact Wrench

33631



3/4"

33631



3/4"

33632

33632

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. Bolt Size inch	Std. Bolt Size mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
33631-110	3/4"	19.05	Std. anvil	1-3/16"	M30	5500	1100	1491	8-43/64"	220	3/8" BSPT	1/2"	6.2	90	269	9.5	98.35	5.31	5.60	12.35	1 / 4
33631-111	3/4"	19.05	Std. anvil	1-3/16"	M30	5500	1100	1491	8-43/64"	220	3/8" NPT	1/2"	6.2	90	269	9.5	98.35	5.31	5.60	12.35	1 / 4
33632-110	3/4"	19.05	Long anvil	1-3/16"	M30	5500	1100	1491	14-55/64"	377	3/8" BSPT	1/2"	6.2	90	269	9.5	97.20	7.90	6.04	13.32	1 / 4
33632-111	3/4"	19.05	Long anvil	1-3/16"	M30	5500	1100	1491	14-55/64"	377	3/8" NPT	1/2"	6.2	90	269	9.5	97.20	7.90	6.04	13.32	1 / 4

Impact Wrench

33671
33672



3/4"

33671-160



3/4"

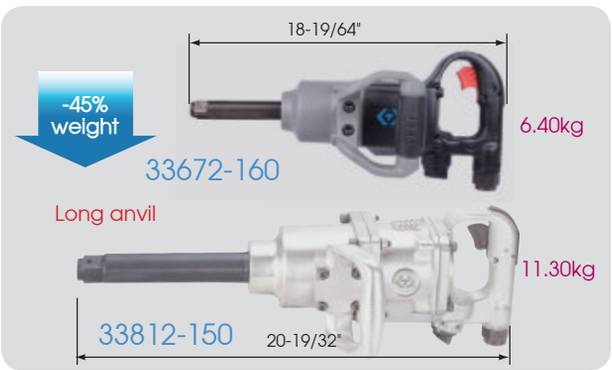
33672-160

33871
33872

New Twin Hammer

- Lightweight durable composite housing
- Nickel chrome molybenum square driver
- Comfortable rubber handle

-10% Length





1"

33871-160

Twin Hammer

- Light weight durable composite housing
- Nickel chrome molybdenum square driver
- Comfortable rubber handle

-10% Length





1"

33872-160

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. Bolt Size inch	Std. Bolt Size mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
33671-160	3/4"	19.05	Std. anvil	1-3/16"	M30	5500	1600	2170	12-1/2"	318	1/2" BSPT / NPT	3/4"	6.2	90	241	8.5	105.00	15.40	5.70	12.57	1 / 2
33672-160	3/4"	19.05	Long anvil	1-3/16"	M30	5500	1600	2170	18-19/64"	465	1/2" BSPT / NPT	3/4"	6.2	90	241	8.5	106.00	13.80	6.40	14.11	1 / 2
33871-160	1"	25.40	Std. anvil	1-3/16"	M30	5500	1600	2170	12-45/64"	323	1/2" BSPT / NPT	3/4"	6.2	90	241	8.5	106.00	13.70	5.80	12.79	1 / 2
33872-160	1"	25.40	Long anvil	1-3/16"	M30	5500	1600	2170	18-39/64"	473	1/2" BSPT / NPT	3/4"	6.2	90	241	8.5	104.00	14.98	6.70	14.77	1 / 2

Impact Wrench

33851
33852

New Twin Hammer
- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust



1"
33851



1"
33852

33841
33842

20% More Power Less Vibration

New Twin Hammer
- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust



1"
33841



1"
33842

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33851-120	1"	25.40	Std. anvil	1-17/64"	M32	5500	1200	1626	8-53/64"	224	3/8" BSPT	1/2"	6.2	90	269	9.5	99.75	6.57	5.64	12.43	1 / 4
33851-121	1"	25.40	Std. anvil	1-17/64"	M32	5500	1200	1626	8-53/64"	224	3/8" NPT	1/2"	6.2	90	269	9.5	99.75	6.57	5.64	12.43	1 / 4
33852-120	1"	25.40	Long anvil	1-17/64"	M32	5500	1200	1626	14-1/64"	356	3/8" BSPT	1/2"	6.2	90	269	9.5	98.00	8.40	6.04	13.32	1 / 4
33852-121	1"	25.40	Long anvil	1-17/64"	M32	5500	1200	1626	14-1/64"	356	3/8" NPT	1/2"	6.2	90	269	9.5	98.00	8.40	6.04	13.32	1 / 4
33841-180	1"	25.40	Std. anvil	1-27/64"	M36	4000	1800	2440	12-3/32"	307	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	101.56	4.37	10.62	23.41	1 / 2
33842-180	1"	25.40	Long anvil	1-27/64"	M36	4000	1800	2440	20-5/64"	510	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	99.85	5.87	12.52	27.60	1 / 2

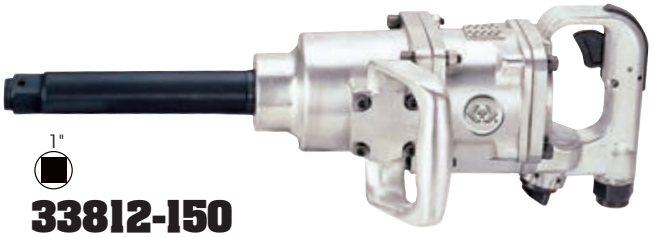
Impact Wrench

33811
33812
33831
33832



1"

33811-150



1"

33812-150

20% More Power Less Vibration



New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust



1"

33831-180



1"

33832-180

20% More Power Less Vibration



New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. Bolt Size inch	Std. Bolt Size mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air Inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
33811-150	1"	25.40	Std. anvil	1-1/4"	M36	4000	1500	2033	14-19/32"	371	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	101.17	10.77	10.30	22.71	1 / 1
33812-150	1"	25.40	Long anvil	1-1/4"	M36	4000	1500	2033	20-19/32"	523	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	100.40	6.13	11.30	24.91	1 / 1
33831-180	1"	25.40	Std. anvil	1-1/2"	M38	4000	1800	2440	14-19/32"	371	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	102.11	8.84	11.50	25.35	1 / 1
33832-180	1"	25.40	Long anvil	1-1/2"	M38	4000	1800	2440	20-19/32"	523	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	103.99	6.60	12.50	27.56	1 / 1

Impact Wrench

33861



1"

33861-200

33862



Twin Hammer

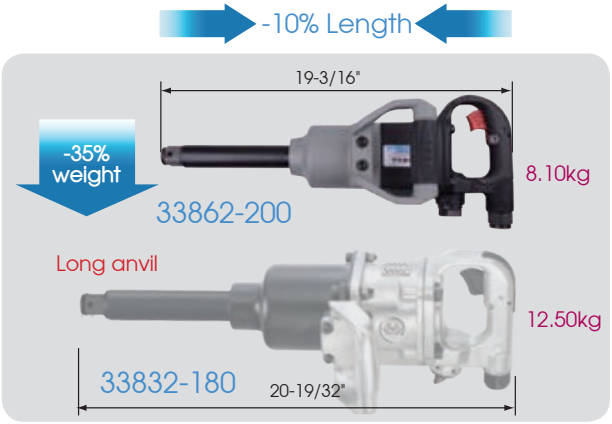
- Light weight durable composite housing
- Nickel chrome molybdenum square driver
- Comfortable rubber handle

Maximum torque 2000ft.lb !



1"

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 / 2
33862-200	1"	25.40	Long anvil	1-27/64"	M36	5000	2000	2712	19-3/16"	487	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	104.00	14.50	8.10	17.86	1 / 2



Impact Wrench

- 33851
- 33911
- 33921
- 33852
- 33912
- 33922



1"

33851-250



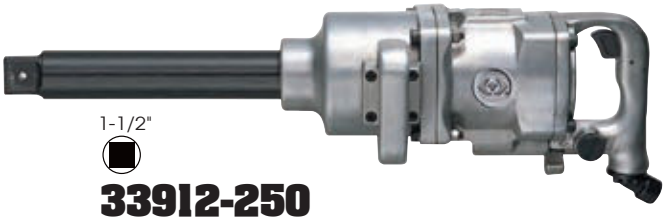
1"

33852-250



1-1/2"

33911-250
33921-300



1-1/2"

33912-250
33922-300

New Twin Hammer
- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

New Twin Hammer
- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. Bolt Size inch	Std. Bolt Size mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
33851-250	1"	25.40	Std. anvil	1-25/32"	M45	3000	2500	3388	17-11/64"	436	1/2" BSPT / NPT	3/4"	6.2	90	411	14.5	101.15	6.30	15.80	34.83	1 / 1
33852-250	1"	25.40	Long anvil	1-25/32"	M45	3000	2500	3388	24-7/8"	632	1/2" BSPT / NPT	3/4"	6.2	90	411	14.5	101.91	6.49	18.70	41.23	1 / 1
33911-250	1-1/2"	38.10	Std. anvil	1-25/32"	M45	3000	2500	3388	17-53/64"	453	1/2" BSPT / NPT	3/4"	6.2	90	411	14.5	104.13	6.32	15.80	34.83	1 / 1
33912-250	1-1/2"	38.10	Long anvil	1-25/32"	M45	3000	2500	3388	23-53/64"	605	1/2" BSPT / NPT	3/4"	6.2	90	411	14.5	103.90	6.53	18.70	41.23	1 / 1
33921-300	1-1/2"	38.10	Std. anvil	2"	M50	3000	3000	4065	17-3/4"	451	1/2" BSPT / NPT	3/4"	6.2	90	453	16.0	104.52	8.86	19.70	43.43	1 / 1
33922-300	1-1/2"	38.10	Long anvil	2"	M50	3000	3000	4065	25-15/32"	647	1/2" BSPT / NPT	3/4"	6.2	90	453	16.0	104.52	7.12	22.80	50.27	1 / 1

Impact Socket & Wrench Set

44506MP



Blow case size (mm) :
310 x 240 x 85 (1.50 Cuft)

- 5 PC. stubby impact sockets 17~24mm
- 1 PC. impact wrench
- 1 PC. air inlet adaptor

44506MP01

44506MP10

1/2" 7 PC.



KT NO.	Contents			2.7	1 / 6
44506MP	33451-045	4525M	17, 19, 21, 22, 24		SY-221M (1/4"BSPT)
44506MP01					SY-211M (1/4"BSPT)
44506MP10	33451-046				SY-231M (1/4"NPT)

44116MP



Blow case size (mm) :
315 x 250 x 120 (0.339 cuft)

- 10 PC. impact sockets 9~27mm
- 3 PC. thin wall impact sockets 17~21mm
- 1 PC. impact wrench
- 1 PC. extension bar
- 1 PC. universal joint
- 2 PC. ring Ø 3.5 x 19mm & Ø 3.5 x 23mm
- 2 PC. pin Ø 3 x 20 & Ø 3 x 25 (6150)
- 1 PC. air inlet adaptor

44116MP04

44116MP10

1/2" 21 PC.

KT NO.	Contents				6.1	1 / 4
44116MP	4535M	9, 10, 11, 13, 14, 17, 19, 22, 24, 27			33411-040	SY-221M (1/4"BSPT)
44116MP04	4415M	17, 19, 21	4260-05	4797		SY-211M (1/4"BSPT)
44116MP10			90601 90602	90401 90402	33411-041	SY-231M (1/4"NPT)

Impact Socket & Wrench Set

44118MP



Blow case size (mm) :
420 x 315 x 100 (0.475 cuft)

- 14 PC. deep impact sockets 10~27mm
- 1 PC. impact wrench
- 2 PC. extension bars, 3" & 5" L
- 1 PC. universal joint
- 2 PC. ring Ø 3.5 x 19mm & Ø 3.5 x 23mm
- 2 PC. pin Ø 3 x 20mm & Ø 3 x 25mm (6150)
- 1 PC. air inlet adaptor

44118MP04

44118MP10

1/2" 23 PC.

KT NO.	Contents	8.4	1 / 2
44118MP	 4435M 10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 23, 24, 26, 27	 33411-040	 SY-221M (1/4"BSPT)
44118MP04	 4260-03 4260-05  4797		 SY-211M (1/4"BSPT)
44118MP10	90601 90602  90401 90402	 33411-041	 SY-231M (1/4"NPT)

64111MP



Blow case size (mm) :
420 x 315 x 100 (0.475 cuft)

- 8 PC. impact sockets 26~38mm
- 1 PC. impact wrench
- 1 PC. extension bar, 7" L
- 1 PC. universal joint
- 1 PC. ring Ø 5.5 x 37mm
- 1 PC. pin Ø 4 x 35
- 1 PC. air inlet adaptor

64111MP01

64111MP12

3/4" 14 PC.

KT NO.	Contents	10.8	1 / 2
64111MP	 6535M 26, 27, 28, 30, 32, 35, 36, 38	 33621-075	 SY-221M (1/4"BSPT)
64111MP01	 6260-07  6797		 SY-211M (1/4"BSPT)
64111MP12	90603  90404	 33621-076	 SY-231M (1/4"NPT)

Impact Socket & Wrench Set

64115MP

64115MP01

64115MP12

3/4" 18 PC.



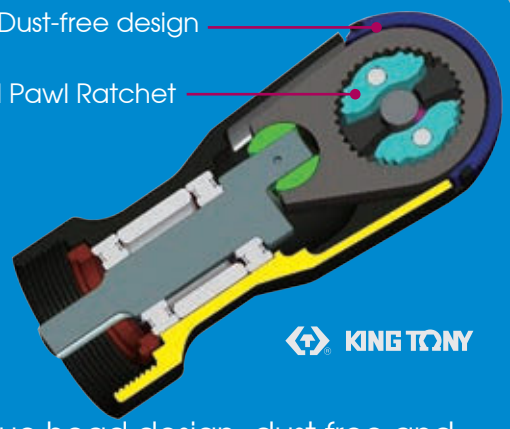
Blow case size (mm) :
510 x 390 x 115 (0.822 cuft)

- 12 PC. impact sockets
- 1 PC. impact wrench
- 1 PC. extension bar, 7" L
- 1 PC. universal joint
- 1 PC. ring Ø 5.5 x 37mm
- 1 PC. pin Ø 4.0 x 35mm
- 1 PC. air inlet adaptor

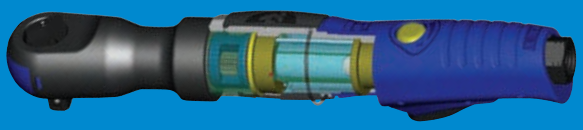
KT NO.	Contents	10.8	1 / 2
64115MP	 6535M 24, 26, 27, 29, 30, 32, 33, 34, 35, 36, 38, 41	 33621-075	 SY-221M (1/4"BSPT)
64115MP01	 6260-07  6797		 SY-211M (1/4"BSPT)
64115MP12	90603  90404	 33621-076	 SY-231M (1/4"NPT)

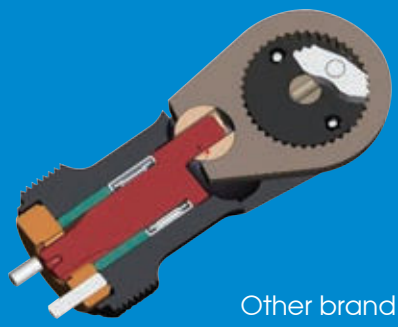


Super Duty Air Ratchet Wrench



Unique head design: dust free and prevents deformation and triples the life of parts





Other brand



1. Dust-free design
2. Prevents deformation and triples the life of the parts.



360° exhaust rotation direct air away from working area.

37323

37423



3/8"
37323

1/2"
37423

- Ergonomically enhanced composite handle
- 360° exhaust rotation leads the air away from working area
- Unique head design: dust free and prevent deformation and triples the life of parts
- Dual pawl design provides higher torque

KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
37323-080	3/8"	9.53	Std. anvil	3/8"	M10	280	80	108	11"	279	1/4" BSPT	3/8"	6.2	90	113	4.0	94.00	2.52	1.25	2.76	1 / 12
37323-081	3/8"	9.53	Std. anvil	3/8"	M10	280	80	108	11"	279	1/4" NPT	3/8"	6.2	90	113	4.0	94.00	2.52	1.25	2.76	1 / 12
37423-080	1/2"	12.70	Std. anvil	3/8"	M10	280	80	108	11"	279	1/4" BSPT	3/8"	6.2	90	113	4.0	93.00	2.07	1.25	2.76	1 / 12
37423-081	1/2"	12.70	Std. anvil	3/8"	M10	280	80	108	11"	279	1/4" NPT	3/8"	6.2	90	113	4.0	93.00	2.07	1.25	2.76	1 / 12

Air Ratchet Wrench

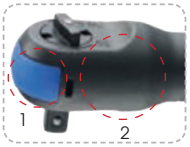
37221
37334
37321
37434

- Ergonomically enhanced composite handle
- Dual pawl design provides higher torque

1/4" & 3/8"

37221
37321





- Dust-free design
- Prevents deformation and triples the life of the parts

3/8" & 1/2"

37334
37434





KT NO.	Square drive inch	Square drive mm	Type Std/Long anvil	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
37221-030	1/4"	6.35	Std. anvil	1/4"	M6	250	30	41	8-1/16"	205	1/4" BSPT	3/8"	6.2	90	79	2.8	86.00	2.32	0.67	1.48	1 / 30
37221-031	1/4"	6.35	Std. anvil	1/4"	M6	250	30	41	8-1/16"	205	1/4" NPT	3/8"	6.2	90	79	2.8	86.00	2.32	0.67	1.48	1 / 30
37321-050	3/8"	9.53	Std. anvil	5/16"	M8	270	50	68	8-1/16"	205	1/4" BSPT	3/8"	6.2	90	79	2.8	93.00	2.26	0.67	1.48	1 / 30
37321-051	3/8"	9.53	Std. anvil	5/16"	M8	270	50	68	8-1/16"	205	1/4" NPT	3/8"	6.2	90	79	2.8	93.00	2.26	0.67	1.48	1 / 30
37334-080	3/8"	9.53	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" BSPT	3/8"	6.2	90	127	4.5	93.00	3.58	1.25	2.76	1 / 10
37334-081	3/8"	9.53	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" NPT	3/8"	6.2	90	127	4.5	93.00	3.58	1.25	2.76	1 / 10
37434-080	1/2"	12.70	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" BSPT	3/8"	6.2	90	127	4.5	92.00	3.91	1.26	2.78	1 / 10
37434-081	1/2"	12.70	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" NPT	3/8"	6.2	90	127	4.5	92.00	3.91	1.26	2.78	1 / 10

37235
37335
37435

- Working around tightly packed engines, machinery and equipment

1/4"

37235



3/8"

37335



1/2"

37435



KT NO.	Square drive inch	Square drive mm	Free Speed R.P.M	Max. Torque ft.lb	Max. Torque Nm	Overall Length inch	Overall Length mm	Air inlet inch	Air Hose ID	Air Pressure bar	Air Pressure PSI	Avg. Air Consumption L/min	Avg. Air Consumption CFM	Sound DBA	Vib M/S2	Net Weight kgs	Net Weight lbs	
37235-030	1/4"	6.35	230	30	41	6-1/8"	155	1/4" BSPT	3/8"	6.2	90	71	2.5	92.00	10.50	0.49	1.08	1 / 20
37235-031	1/4"	6.35	230	30	41	6-1/8"	155	1/4" NPT	3/8"	6.2	90	71	2.5	92.00	10.50	0.49	1.08	1 / 20
37335-075	3/8"	9.53	200	75	102	10-1/4"	260	1/4" BSPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20
37335-076	3/8"	9.53	200	75	102	10-1/4"	260	1/4" NPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20
37435-075	1/2"	12.70	200	75	102	10-1/4"	260	1/4" BSPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20
37435-076	1/2"	12.70	200	75	102	10-1/4"	260	1/4" NPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20

Impact Screwdriver

3311



Mechanism-hex.Twin Dog

3312 new

1/4"



Mechanism-hex.Twin Pinless Clutch

KT NO.	Collect Size inch	Collect Size mm	Std. bolt size inch	Std. bolt size mm	Free speed R.P.M	Max. torque ft.lb	Max. torque Nm	Overall length inch	Overall length mm	Air inlet inch	Air hose ID	Air pressure bar	Air pressure PSI	Avg. air consumption L/min	Avg. air consumption CFM	Sound DBA	Vib M/S2	Net weight kgs	Net weight lbs	
33111	1/4"	6.35	3/16"	M5	10000	26	35	7-1/2"	191	1/4" BSPT	3/8"	6.2	90	71	2.5	89.53	10.29	0.73	1.61	1 / 20
33112	1/4"	6.35	3/16"	M5	10000	26	35	7-1/2"	191	1/4" NPT	3/8"	6.2	90	71	2.5	89.53	10.29	0.73	1.61	1 / 20
33121	1/4"	6.35	3/16"	M5	11000	75	102	7-1/4"	183	1/4" BSPT	3/8"	6.2	90	96	3.4	92.8	3.83	0.82	1.81	1 / 20
33122	1/4"	6.35	3/16"	M5	11000	75	102	7-1/4"	183	1/4" NPT	3/8"	6.2	90	96	3.4	92.8	3.83	0.82	1.81	1 / 20

Continuous Flow Air Grease Gun

9BV14





- Ideal for machine, automobile, farm and garden equipments, vehicles etc.
- 360° rotating handle



KT NO.	Air inlet (inch)	Screw Thread	Air Source Range input (psi/bar)	Air Source Range output (psi/bar)	Recommended Air Source input (psi/bar)	Recommended Air Source output (psi/bar)	Capacity c.c.	Capacity oz	Kg	
9BV1410	1/4" BSPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1420	1/4" BSPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1411	1/4" NPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1421	1/4" NPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10

9BV1410 / 9BV1411 For general market except North America, Germany, South Africa, Egypt
9BV1420 / 9BV1421 For Germany, South Africa, Egypt, etc.

Continuous Flow Air Grease Gun with 12" Tube

9BV14T



9BU8109
9BU8209
9BU8112
9BU8212

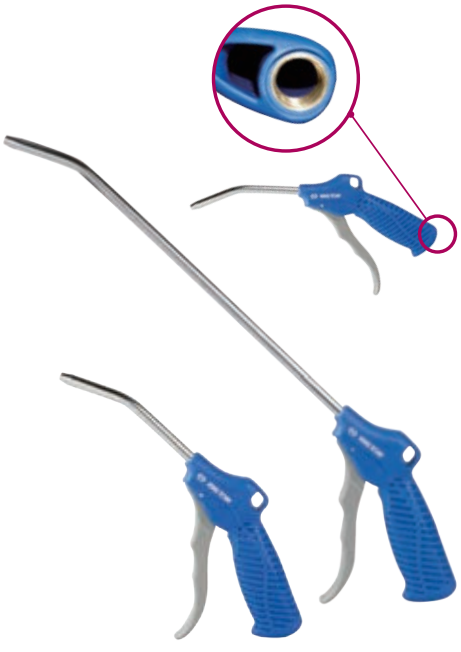
- Ideal for machine, automobile, farm and garden equipments, vehicles etc.
- 360° rotating handle

KT NO.	Air inlet (inch)	Screw Thread	Air Source Range input (psi/bar)	Air Source Range output (psi/bar)	Recommended Air Source input (psi/bar)	Recommended Air Source output (psi/bar)	Capacity c.c.	Capacity oz	kg	
9BV1410T	1/4" BSPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1420T	1/4" BSPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1411T	1/4" NPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1421T	1/4" NPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BU8109	9" length	1/8" x 28 PT								
9BU8209	9" length	10 x 1.0 Mertric								
9BU8112	12" length	1/8" x 28 PT								
9BU8212	12" length	10 x 1.0 Mertric								

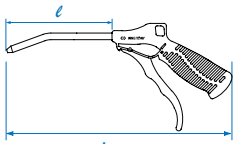
9BV1410T / 9BV1411T For general market except North America, Germany, South Africa, Egypt
9BV1420T / 9BV1421T For Germany, South Africa, Egypt, etc.

Air Blow Gun

7990



Copper Thread



- Ideal for cleaning
- Steel nozzle & nylon fiber handle
- Air pressure: 90 PSI recommended
- Air consumption: 1/4" hose-13cfm-350l/min , 3/8" hose-15cfm-430l/min
- Sound pressure: 85~90 dB
- Working pressure: 75~120 PSI/5.0~8.0 kgs
- Max pressure: 200 PSI/ 15 kgs

KT NO.	Air inlet inch	ℓ inch	ℓ mm	L (mm)	g	
79900-04	BSPT	4	100	245	200	20 / 100
79900-10	BSPT	10	250	420	240	25 / 50
79900-13	BSPT	13	330	475	260	25 / 50
79900-20	BSPT	20	500	650	300	25 / 50
79901-04	NPT	4	100	245	200	20 / 100
79901-10	NPT	10	250	420	240	25 / 50
79901-13	NPT	13	330	475	260	25 / 50
79901-20	NPT	20	500	650	300	25 / 50

3-In-1 Inflator

9BM

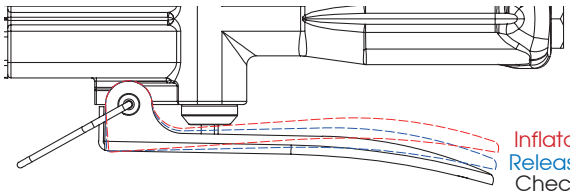
- Diaphragm pressure gauge
- Accuracy: ANSI B40.100 ±3% ~ ±2% ~ ±3%
- Special rubber housing protects manometer against light impacts
- 3 functions(check, release, inflator) all together on the press handle
- Flexible 400MM high pressure rubber hose with clip-on air tire chuck
- Pressure Range: 0-160 PSI (9BM21) / 0-220 PSI (9BM22)
- Built in hang-up hook allows easy storage



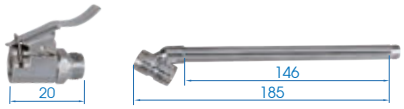
9BM2110
9BM2111
9BM2210
9BM2211



9BM2110A
9BM2111A







9BM2-01 9BM2-02

KT NO.	Pressure range (Psi)	Air Inlet (BSPT/NPT)	L (mm) L1	L2	Air hose (ID)	g	
9BM2110	160	1/4" BSPT	Ø13 x 400	180	3/8"	500	1 / 12
9BM2111	160	1/4" NPT	Ø13 x 400	180	3/8"	500	1 / 12
9BM2210	220	1/4" BSPT	Ø13 x 400	180	3/8"	520	1 / 12
9BM2211	220	1/4" NPT	Ø13 x 400	180	3/8"	520	1 / 12
9BM2210A	220	1/4" BSPT	Ø13 x 400	180	3/8"	600	1 / 12
9BM2211A	220	1/4" NPT	Ø13 x 400	180	3/8"	600	1 / 12
9BM2-01	(included in all 9BM series)		20		-	25	-
9BM2-02	(included in 9BM2210A & 11A only)		185		-	105	-



PU Air Spiral Hose

79953

79960

79962

- Super mechanical strength and excellent abrasive resistance
- Superior heat and cold resistance
- Oil resistance
- Light weight
- Temperature resistance from -20° C ~ +60° C



79953



79960



79962

KT NO.	Hose I.D. (mm)	Hose O.D. (mm)	Hose Length (M)	Working Pressure (PSI)	Working Pressure (bar)	Maximum Pressure (PSI)	Maximum Pressure (bar)	Type	Male PT Fitting (inch)	Weight (kgs)	Weight (lbs)	
79953-10	8	12	10	108	7.4	320	22.2	-	1/4" BSPT	0.80	1.76	1 / 20
79953-15	8	12	15	108	7.4	320	22.2	-	1/4" BSPT	1.30	2.87	1 / 16
79960-10	8	12	10	160	11.0	640	44.1	Asian	-	0.93	2.05	1 / 20
79960-15	8	12	15	160	11.0	640	44.1	Asian	-	1.31	2.87	1 / 16
79960-20	8	12	20	160	11.0	640	44.1	Asian	-	1.66	3.64	1 / 16
79962-10	8	12	10	160	11.0	640	44.1	EU	-	0.92	2.02	1 / 20
79962-15	8	12	15	160	11.0	640	44.1	EU	-	1.31	2.87	1 / 16
79962-20	8	12	20	160	11.0	640	44.1	EU	-	1.72	3.78	1 / 16

Air Hose Reel

7991



- 16 teeth gear design can spread stress evenly and stop returning

1 Bar = 1.01972 kgf/cm^2
1 Bar = 14.5036 PSI

- Automatic rewind with SK 5-spring steel spring
- 16 teeth gear-stop ensures safety
- 300 PSI working pressure allowed
- Sturdy structure with 0.7mm thick steel rail stored in iron case
- Replaceable air house design & hanging rack



CAUTION

Do not pull the air hose when seeing STOP tag



- Pull the air hose to the end till it shows joint replacement



- Install new air hose

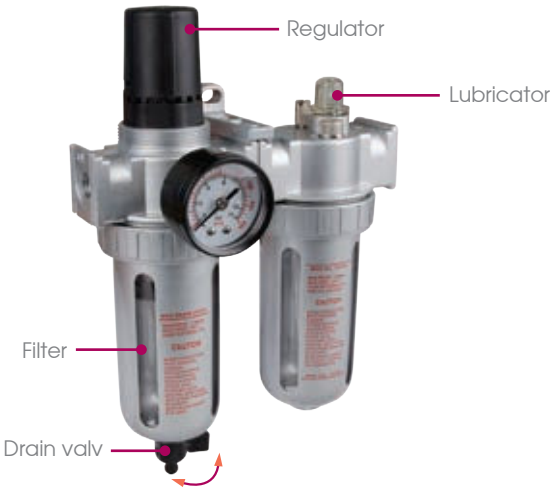


- Dismantle connection

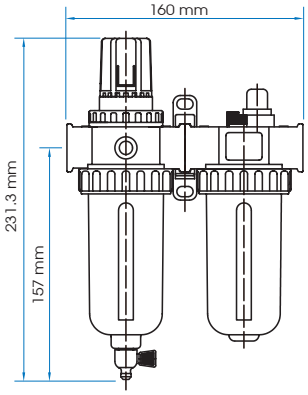
KT NO.	Hose I.D. mm	Hose O.D. mm	Hose length (M)	Type	Air Inlet / outlet inch	Working pressure psi	kg	
79910-10	8	12	10	Asian	1/4" BSPT	300	5.2	1 / 2
79910-15	8	12	15	Asian	1/4" BSPT	300	6.5	1 / 2
79911-10	8	12	10	US	1/4" NPT	300	5.2	1 / 2
79911-15	8	12	15	US	1/4" NPT	300	6.5	1 / 2
79912-10	8	12	10	EU	1/4" BSPT	300	5.2	1 / 2
79912-15	8	12	15	EU	1/4" BSPT	300	6.5	1 / 2

Air Lubricator

799A



- Semi auto drain valve
- Steel guards offer better protection
- Easy installation and disassembly



KT NO.	Port Size (inch)	Filter Element (μ)	Max Input Pressure (PSI)	Max Output Pressure (PSI)	Max Flow (L/min)	Operation Temperature Range (°C)	Drain Capacity (ml)	Oil Capactity (ml)	Air Inlet (inch)	Weight (Kgs)	(lbs)	
799A0-23C	1/4"	5	215	7~150	1750	5 ~ 60	80	150	1/4" BSPT	1.53	3.37	1 / 12
799A1-23C	1/4"	5	215	7~150	1750	5 ~ 60	80	150	1/4" NPT	1.53	3.37	1 / 12
799A0-33C	3/8"	5	215	7~150	2500	5 ~ 60	80	150	1/4" BSPT	1.53	3.37	1 / 12
799A1-33C	3/8"	5	215	7~150	2500	5 ~ 60	80	150	1/4" NPT	1.53	3.37	1 / 12

Impact Wrench Tester

ZV101 new

- Applicable Range: 180 ft-lb~1180 ft-lb(250 Nm~1600 Nm)
- Max. Torque: 1450 ft-lb(1950 Nm)
- Applicable Size: SQ.DR-1/2"~3/4"
- Measuring Direction: Forward
- Screw Size: M32
- Length x Width: 35cm x 30cm
- Easy to read LED panel displays reference torque value in lbf-ft, kgf-m, kgf-cm and N-m (selectable)

53.7 1





Air Quick Coupler new

KT NO.	Size	Type		g	
SY-211M	1/4"BSPT	European		21.4	12 / 504
SY-211F				22.8	10 / 420
SY-210M				88.4	20 / 240
SY-221M	1/4"BSPT	Asian		24.4	12 / 504
SY-221F				28.6	10 / 420
SY-260M				81.6	20 / 240
SY-210H	1/4" hose	European		78.0	15 / 180
SY-211H				18.0	10 / 320
SY-220H		Asian		87.0	10 / 320
SY-221H				31.0	10 / 320
SY-231M	1/4"NPT	American		23.6	12 / 504
SY-231F				21.2	10 / 420
SY-230M				85.5	20 / 240
SY-310H	3/8" hose	European		75.0	15 / 180
SY-311H				22.0	10 / 320
SY-320H		Asian		78.0	15 / 180
SY-321H				23.0	10 / 320
SY-410H				82.0	15 / 180
SY-411H	1/2" hose	European		26.0	10 / 320

3 PC. Repair Tools

14103GP

0.58 | 1 / 20

Contents

33012 

33013 

33011 

Impact Wrench Hook

9145

KT NO.	Size	Type			
91451-01A	1/4" x 19 BSPT	European		268.8	1 / 48
91451-01B	1/4" x 18 NPT	American		271.2	1 / 48
91451-01F	1/4" x 19 BSPT	Asian		272.8	1 / 48

Impact Wrench Display Stand

87106



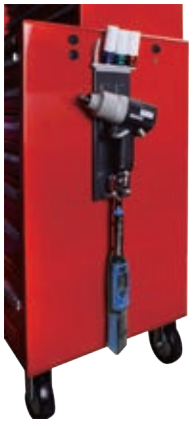
- Applied for 1/2" DR. & 3/4" DR. impact wrench
- Steel plate with chrome plated, air hose adapter attached

1.23 1 / 6

Magnetic Holder for Impact Wrench

9TE31





- Moveable magnetic tool holder with muti-purpose
- Designed for motor repair tools, keeps your work area clean and organized
- 4 PC. super magnets 1,500 gauss with non-sliding rubber can hold up to 7 kgs
- Suitable for air impact wrench, long sockets, impact sockets and torque wrench
- The angle of torque wrench holder can be adjusted

KT NO.	L (inch)	L (mm)	Capacity (kg)	Capacity (lbs)		
9TE31	14-3/16	360	7	15.4	1.3	1 / 10

Anti-vibration Protective Gloves

9TH21XL

- Protection from repetitive impact and vibration of pneumatic tools
- Magnet in back of glove for storing metal parts and fasteners

110 100





PU Working Gloves

9TH31-XL new

9TH31-2L

- Strap design for easy adjustments
- Comfortable and breathable fabric material

70 100



AUTOMOTIVE TOOLS

- Engine Series
- Under Car Series
- Body Series
- Battery & Electrical
- General Tools





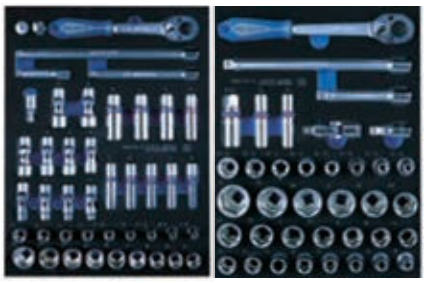
286 PC. Tool Trolley Contents



Contents No. 934-010MRVD

28.8 CUFT 2.97

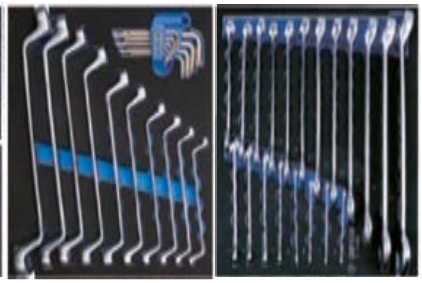
- Special tool set for Automobile, suitable for VOLKSWAGEN-GROUP, MERCEDES-BENZ, OPEL, BMW & Japanese passanger car



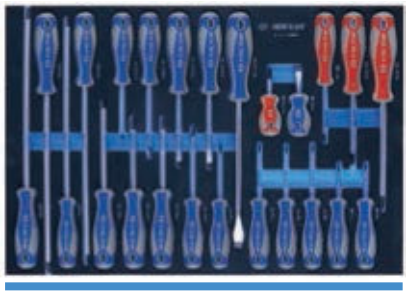
9-3544MRV #9 P.64 | 9-4537MRV #9 P.64



9-4147PRV #10 P.67 | 9-4401MPV #10 P.67 | 9-2565MRV #7 P.63 | 9-4129PRV #7 P.63



9-90119MRV #9 P.65 | 9-1220MRV #9 P.65



9-31124MRV #6 P.61



9-40104GPV #10 P.67 | 9-40113GPV #10 P.67 | 9-90135MRV #10 P.67 | 9-90118PRV #10 P.68



286 PC. Tool Trolley Set

92.8 CUFT 15.21	934-010MRV (87434-7B P.31)	934-010MRV-G (87434-7B-G P.31)	934-010MRV-B (87434-7B-B P.31)
98.8 CUFT 15.21	9634-010MRV (87634-7B P.35)	9634-010MRV-G (87634-7B-G P.35)	9634-010MRV-B (87634-7B-B P.35)
98.5 CUFT 15.4	9934-010MRV (87934-7B P.37)	9934-010MRV-G (87934-7B-G P.37)	9934-010MRV-B (87934-7B-B P.37)
103.8 CUFT 15.67	9934F-010MRV (87934-7BF P.37)	9934F-010MRV-G (87934-7BF-G P.37)	9934F-010MRV-B (87934-7BF-B P.37)

ALFA ROMEO
Diesel Engine Setting & Locking Set



9AT2006E

- The set includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engines timing

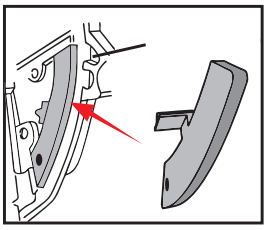
6 PC. | D | BELT

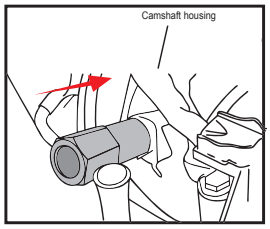


1359.5 | 1 / 10

MODEL:	145 (98-01), 146 (98-01), 147 (01-09) 156 (97-08), 159 (05-09), 166 (98-08) GT (04-09), Brera (05-09), Spider (06-09) Crosswagon (04-08)
ENGINE CODE:	**1.9JTD 8v.** 323.02, 371.01, 182B9.000, 937A2.000 937A3.000, 939A1.000, 939A2.000, 939A7.000 **1.9JTD 16v.** 192A5.000, 192B1.000, 937A4.000 937A5.000, 939A2.000, 939A8.000 **2.4JTD 10v.** 325.01, 342.02, 362.02, 839A6.000 841C.000 **2.4JTD 20v.** 841G.000, 841H.000, 841M.000 939A3.000, 939A9.000

CONTENTS :
- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)





BMW
Petrol Engine Timing Set



9AT1003E

- The set includes camshaft setting plates and a flywheel locking pin
- Suitable for BMW V12 M70 & M73 petrol engine
- Use to lock the camshaft on the correct timing position

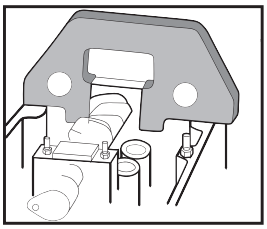
3 PC. | P | CHAIN

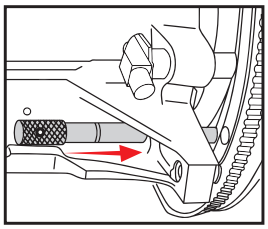


2189.5 | 1 / 5

MODEL:	750i / E32 / E38 (87-02) 850i / E31 (90-99)
ENGINE CODE:	**M70 / M73** 50 12 A, 54 12 1 54 12 2, 56 12 1

CONTENTS :
- A - camshaft setting plate
- B - flywheel locking pin





BMW
Petrol Engine Twin Camshaft Setting & Locking Set



9AT1008E

- The set includes timing and VANOS setting / locking tools
- Suitable for BMW petrol 1.8 and 2.0 N42 / N46 (chain) engine
- Use to check / adjust engine timing and remove, install or align VANOS unit

8 PC. | P | CHAIN

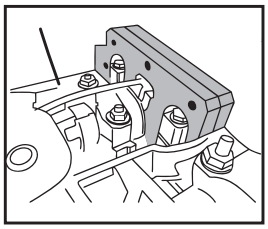
3600.5 | 1 / 3

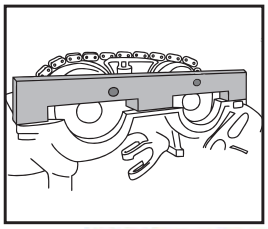
MODEL:
118i. E87 (04-08)
120i. E87 (04-08)
316i. E46 (01-05)
316ti. Compact E46 (01-05)
318i. E46 (01-07)
318ti. Compact E46 (01-05)
318i. E90 (05-08)
X3. 2.0i E83 (05-08)
Z4. 2.0i E85 (04-08)
520i. E60 (04-08)
320i. E90 (05-08)

ENGINE CODE: **N42 / N46**
B18, B18A, B20, B20A, B20B



CONTENTS :
- A - VANOS alignment plate
- B - camshaft setting plate (exhaust)
- C - timing chain tensioner pre-load tool
- D - crankshaft alignment pin
- E - camshaft setting plate (inlet)
- F - camshaft turning tool
- G - flywheel TDC locking pin
- H - camshaft setting plate securing screw





BMW
Petrol Engine Twin Camshaft Setting & Locking Set



9AT1018E

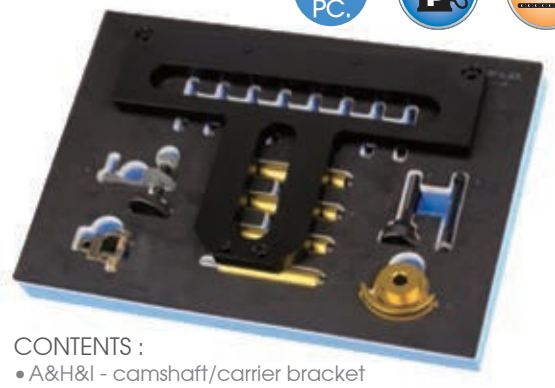
- The set includes camshaft / carrier bracket remover & installer tools
- Suitable for BMW petrol 1.8 and 2.0 N42 / N46 (chain) engine

18 PC. | P | CHAIN

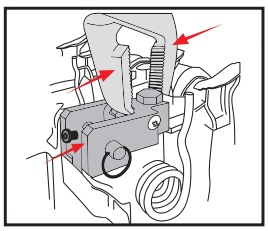
4400.0 | 1 / 3

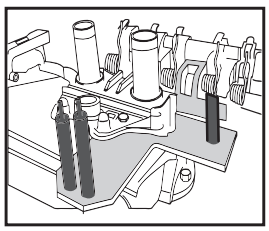
MODEL:
118i. E87 (04-08)
120i. E87 (04-08)
316i. E46 (01-05)
316ti. Compact E46 (01-05)
318i. E46 (01-07)
318ti. Compact E46 (01-05)
318i. E90 (05-08)
X3. 2.0i E83 (05-08)
Z4. 2.0i E85 (04-08)
520i. E60 (04-08)
320i. E90 (05-08)

ENGINE CODE: **N42 / N46**
B18, B18A, B20, B20A, B20B



CONTENTS :
- A&H&I - camshaft/carrier bracket
- Mounting fixture
- B - inlet camshaft securing tool (rear)
- C&F - torsion spring remover/installer
- D&E - inlet camshaft securing tool (front)
- G - intermediate lever clamp set (8 PC.)





BMW
Petrol Engine Twin VANOS Service Set



9AT1009E

- The set includes compressed air connector, twin VANOS setting tool and sprocket / chain assembly fixture, timing adjustment plate, pre-load tools
- Suitable for setting / locking popular BMW petrol engine
- Use to adjust engine timing and set / lock engine application

5965.7 | 1 / 3



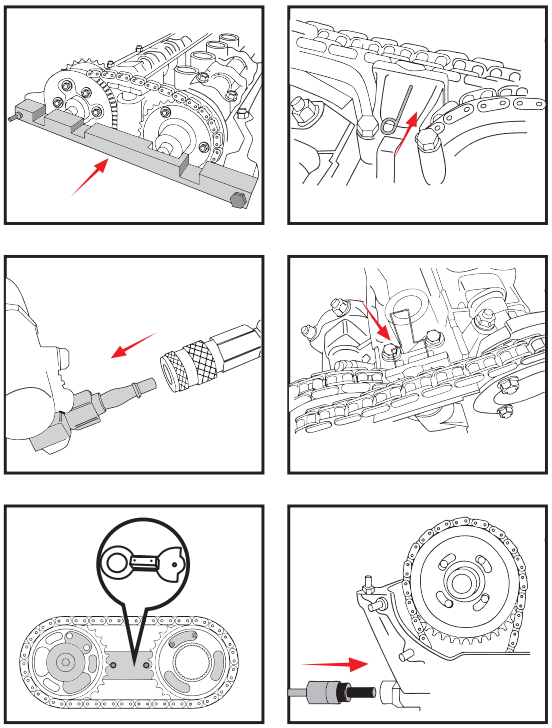
CONTENTS :
- A - camshaft setting plate
- B - timing adjustment plate
- C - compressed air connector
- D - sprocket / chain assembly fixture
- E - flywheel locking pin
- F - tensioner pin (M50)
- G - twin VANOS setting tool
- H - tensioner pin (M52)
- I - tensioner tool

MODEL:

318is. E36 (92-99)
318ti Compact E36 (94-01)
320i. E36 / E46 (92-07)
323i. E36 / E46 (95-01)
325i. E36 / (92-07)
328i. E36 / E46 (95-01)
330i. E46 (00-07)
520i. E39 / E60 (96-05)
523i. E39 (96-00)
525i. E39 / E60 (00-05)
528i. E39 (96-00)
530i. E39 / E60 (00-05)
728i. E38 (94-02)
730i. E65 (02-05)
Z3. (E36) 1.9-3.0 (96-03)
Z4. (E85) 2.2-3.0 (03-06)
X3. (E83) 3.0 (03-06)
X5. (E53) 3.0 (99-07)

ENGINE CODE:

M42 / M44 / M50 / M52
no VANOS (VVT)
18 4S 1, 19 4S 1, 20 6S 2(Early),
25 6S 2(Early)
M50 / M52
Single VANOS (VVT) variants
20 6S 2(Later)
20 6S 3
25 6S 2(Later)
M52(TU) / M54 / M56
Twin VANOS (VVT) variants
20 6S 4
22 6S 1
25 6S 4





BMW
Petrol Engine Twin Camshaft Setting & Locking Set



9AT1102E

- The set includes camshaft locking plate and flywheel locking pin
- Suitable for M40 engines (also used on the M43 chain driven engine)
- Use to lock the camshaft and crankshaft TDC position to keep their timing relationship while replacing timing belt or carry out other timing belt service

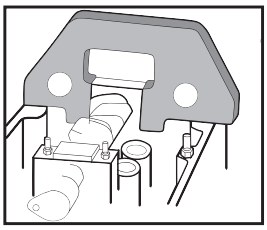
1900.5 / 1 / 10

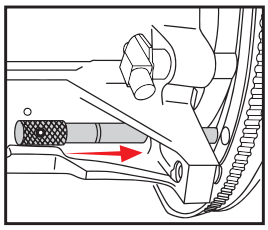
2 PC. | P | CHAIN



CONTENTS :
- A - camshaft locking plate
- B - flywheel locking pin

MODEL:	316i E36 / E46 (93-04) 316i Compact E36 / E46 (98-01) 318i E36 / E46 (93-01) 518i E34 (94-96) Z3 1.8 / 1.9 E36 (96-03)
ENGINE CODE:	**M43** 16 4E 2, 16 4E 3 18 4E 2, 19 4E1





BMW
Petrol Engine 1.8 To 3.0 Twin Cams Setting & Locking Set

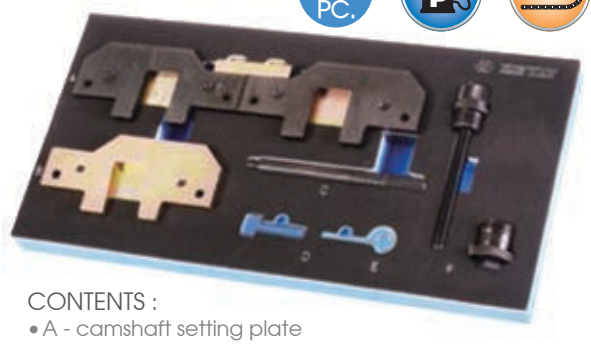


9AT1106E

- The set includes camshaft setting plate, timing adjustment plate, pre-load tool, flywheel locking pin and tensioner pin
- Suitable for setting / locking popular BMW petrol engine
- Suggestion:
  Use with 9AT1-A02 wrench while using this kit on SINGLE VANOS system (on inlet camshaft)
  Use with 9AT1303 while using this set on TWIN VANOS system

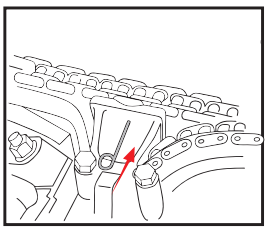
3780.0 / 1 / 5

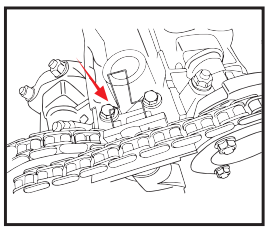
6 PC. | P | CHAIN

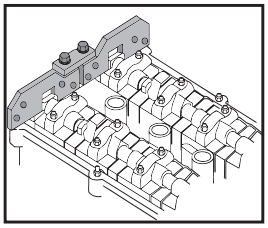


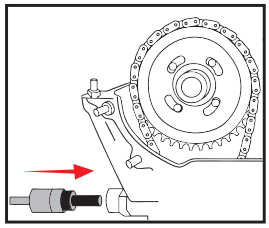
CONTENTS :
- A - camshaft setting plate
- B - timing adjustment plate
- C - flywheel locking pin
- D - tensioner pin (M50)
- E - tensioner pin (M52)
- F - tensioner tool

MODEL:	318is. E36 (92-99) 318ti Compact. E36 (94-01) 320i. E36 / E46 (92-07) 323i. E36 / E46 (95-01) 325i. E36 / E46 (92-07) 328i. E36 / E46 (95-01) 330i. E46 (00-07) 520i. E39 / E60 (96-05) 523i. E39 (96-00) 525i. E39 / E60 (00-05) 528i. E39 (96-00) 530i. E39 / E60 (00-05) 728i. E38 (94-02) 730i. E65 (02-05) Z3. (E36) 1.9-3.0 (96-03) Z4. (E85) 2.2-3.0 (03-06) X3. (E83) 3.0 (03-06) X5. (E53) 3.0 (99-07)
ENGINE CODE:	**M42 / M44 / M50 / M52 no VANOS (VVT)** 18 4S 1, 19 4S 1, 20 6S 2(Early), 25 6S 2(Early). **M50 / M52 Single VANOS (VVT) variants** 20 6S 2(Later), 20 6S 3, 25 6S 2(Later), 25 6S 3, 28 6S 1 **M52(TU) / M54 / M56 Twin VANOS (VVT) variants** 20 6S 4, 22 6S 1, 25 6S 4, 25 6S 5, 28 6S 2, 30 6S 3









BMW
Petrol Engine Twin VANOS Service Set



9AT1303E

- The set includes compressed air connector, twin VANOS setting tool and sprocket / chain assembly fixture
- Suitable for BMW M52TU, M54 & M56 engines
- Use to adjust engine timing on twin VANOS system (Variable Valve Control) of BMW six cylinder twin camshaft petrol engine
- Suggestion:
  Use with 9AT1106 while using this kit to set / lock application

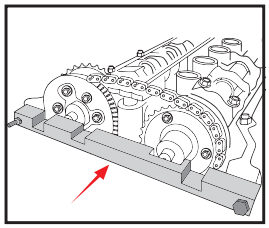
2740.0 | 1 / 5

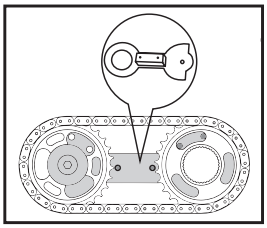
MODEL:	**3 Series:** E46 / Z3 **5 Series:** E39 / E60 / E61 **7 Series:** E38 / E65 / E66 **X3:** E83 **X5:** E53 **Z4:** E85
ENGINE CODE:	20 6S 4, 22 6S 1, 25 6S 4, 25 6S 5 28 6S 2, 30 6S 3

3 PC. | P | CHAIN



CONTENTS :
- A - compressed air connector
- B - sprocket / chain assembly fixture
- C - twin VANOS setting tool





BMW
Petrol Engine Timing Alignment Set



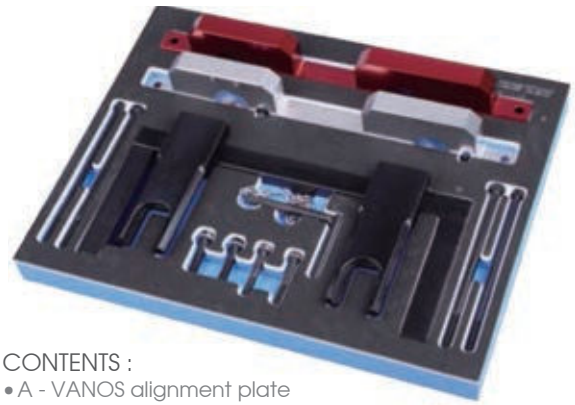
9AT1112E

- The set includes camshaft locking tool, VANOS alignment plate, flywheel locking pin
- Suitable for BMW 2.5/3.0 liters chain drive six cylinder, twin cams 16v petrol engines
- Use to lock camshaft in TDC position when setting or adjusting engines timing

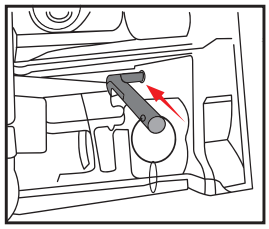
5900.0 | 1 / 3

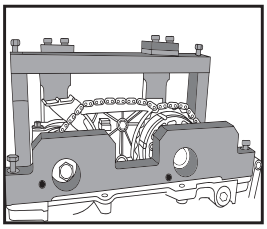
MODEL:	128i. E82 (07-08) 130i. E81/87 (05-08) 135iS. E82 (07-08) 323i. E90/91/92/93 (04-08) 325i/xi. E90/91/92/93 (04-08) 328i/xi. E90/91/92/93 (04-08) 330i/xi. E90/91/92/93 (04-08) 335i/xi. E90/91/92/93 (05-08) 523i/Li. E60/61 (04-08) 525i/Li/xi. E60/61 (04-08) 528i/xi. E60/61 (06-08) 530i/Li/xi. E60/61 (05-08) 535i/xi. E60/61 (06-08) 630i. E63/64 (04-08) 730i/Li. E65/66 (04-08) X3 2.5/3.0 E83 (06-08) X5 3.0 E70 (06-08) Z4 2.5/3.0 E85/86 (05-08)
ENGINE CODE:	N51 / N52 /N52K (Valvetronic) N53 / N54 (Direct Injection)

12 PC. | P | CHAIN



CONTENTS :
- A - VANOS alignment plate
  (Red for N53/N54, Silver for N51/N52/N52K)
- B - camshaft locking tool
- C - flywheel locking pin





BMW
Diesel Engine 2.0 / 3.0 Timing Set



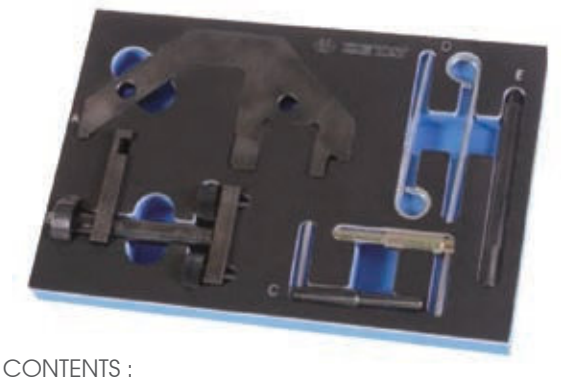
9AT2007E

7 PC. | D | CHAIN

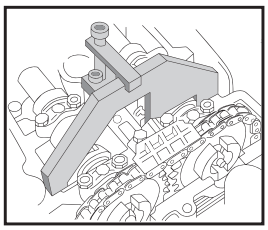
- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

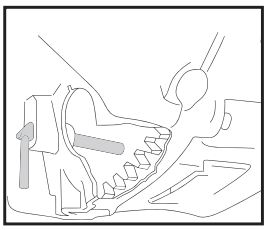
1752.5 | 1 / 10

MODEL:	118d E87 (03-07), 120d E87 (03-07) 318d / td E46 / E90 / 91(00-08) 320d / td E46 / E90 / 91(97-08) 325d E90 / 91 / 92 / 93 (06-09) 330d / xd / cd E46 / E90 / 91 / 92 / 93 (98-08) 335d E90 / 91 / 92 (06-09) 520d E39 / E60 / 61 (99-09) 525d / xd E39 / E60 / 61 (99-09) 530d / xd E39 / E60 / 61 (98-09) 535d E60 / 61 (04-09), 635d E63 / 64 (04-09) 730d / Ld E38 / E65 / 66 (98-08) X3 2.0d E83 (03-07), X3 3.0d / sd E83 (03-09) X5 3.0d E53 / E70 (00-09)
ENGINE CODE:	**M47 / M57/ M47TU / M57TU / M47T2 / M57T2** 20 4D 1, 20 4D 4, 25 6D 1, 25 6D 2 30 6D 1, 30 6D 2, 30 6D 3, 30 6D 4 30 6D 5



CONTENTS :
- A – camshaft setting plate
- B – camshaft plate locking tool
- C – TDC timing pin
- D – tensioner retaining pin set (pair)
- E – flywheel locking pin





BMW
Petrol Engine Timing Setting & Locking Set



9AT1206E

6 PC. | P | CHAIN

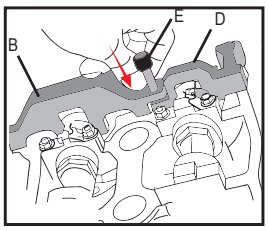
- The set includes VANOS alignment plate, camshaft setting tools, flywheel locking pin and timing chain tensioner pre-load tool
- Suitable for 1.6 BMW, 4 cylinder twin camshaft 16v and chain driven petrol engines with VANOS
- Use to check and adjust engine timing

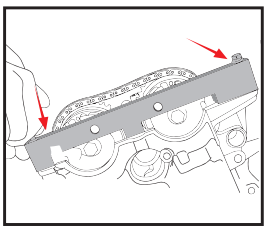
2657.0 | 1 / 5

MODEL:	116i. E81 E87 (03-09) 316i. E46 / E90 (01-08) 316Ci. E46 (01-06) 316ti. E46 (01-05)
ENGINE CODE:	**N40 / N45 / N45T** B16, B16A, B16AC



CONTENTS :
- A - VANOS alignment plate
- B - camshaft setting plate (inlet)
- C - timing chain tensioner pre-load tool
- D - camshaft setting plate (exhaust)
- E - camshaft setting plate securing screw
- F - flywheel locking pin





BMW

Diesel Engine 2.5TDS Timing Set



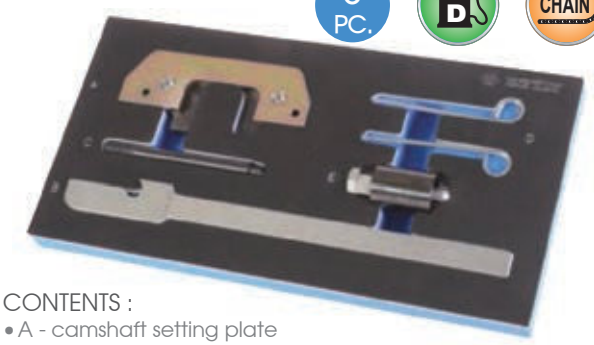
9AT2106E

- The set includes camshaft setting plate, tensioner lever, tensioner retaining pin, flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engine
- Use to retain and support the sprocket and timing chains in correct position when the pump is removed

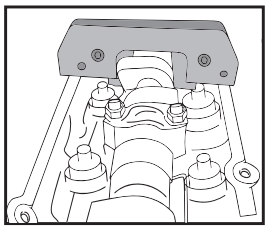
2480.0 / 1 / 5

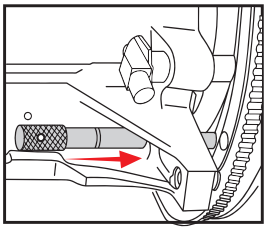
MODEL:	**1.7 2.5td / tds (Chain)** 318tds. E36(94-00) 325td / tds. E36(91-99) 525td / tds. E34(90-00) 725tds. E38(95-02)
ENGINE CODE:	**1.7 2.5td / tds (Chain)** M41 / M51

6 PC. | D | CHAIN



CONTENTS :
- A - camshaft setting plate
- B - tensioner lever
- C - flywheel locking pin
- D - tensioner retaining pin
- E - pump remove & sprocket retainer (2 part)





BMW / MINI

Petrol Engine Setting & Locking Set – BMW/PSA



9AT1010E

- The set includes camshaft setting tool, crankshaft locking pin & chain tensioner tool
- Suitable for BMW Mini and PSA Peugeot Citroën 1.4/1.6 16v valvetronic direct injection engines
- Use to lock and adjust engine timing

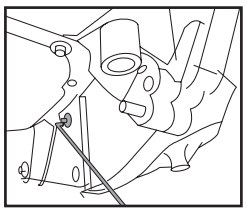
BMW Mini Cooper N12/N14 — 2383.5 / 1 / 5

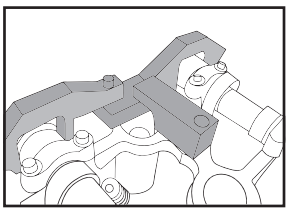
MODEL:	**Mini cooper one** R56 (07-10) **Mini cooper / cooper S** R55/R56 (06-10)
ENGINE CODE:	**N12 1.4/1.6(Valvetronic)** B14AB, B16A **N14 1.6(Direct Injection)** B16A

10 PC. | P | CHAIN



CONTENTS :
- A – camshaft setting tool (inlet)
- B – camshaft setting tool (exhaust)
- C – camshaft setting tool
- D – camshaft setting clamp
- E – crankshaft locking pin
- F – chain tensioner tool
- G – M10 screw*4





BMW / MINI
Petrol Engine Timing Set



9AT1108E new

- Use for BMW & Mini 1.6 litre chain drive petrol engine
- Includes the cam & crankshaft locking tools and chain pre-tension setting tools for TDC position
- Suitable for BMW (N13) & Mini (N18) engines

2526.5 | 1 / 10

MODEL:	**BMW 1 Series** 114i F20(2012-15), 116i F20 (2012-15), 118i F20 (2011-15) **BMW 3 Series** 316i F30 (2012-15) **MINI** Cooper S (R56/57) (2010-15) Coupe Cooper S (R58) (2012-15) Roadster (R59) (2012-15) Countryman (R60) (2012-16) Paceman (R61) (2013-16) Clubman (R55) (2011-14)
ENGINE CODE:	**N13** B16A **N18** B16/M0, B16A, B16A/M0, B16A/MO, B16C, B16C/TO, B16M0

8 PC. | P | CHAIN



CONTENTS :
- A – camshaft locking tool
- B – camshaft locking tool
- C – chain tensioner tool
- D – crankshaft locking pin

BMW
Petrol Engine Timing Set



9AT1706E new

- Use for BMW 2.0 litre chain drive petrol engine
- Includes the VANOS unit setting tools, camshaft locking tools and chain pre-tension setting tools for TDC position
- Suitable for BMW N20 & N26 engines

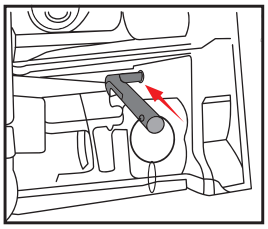
4287.0 | 1 / 3

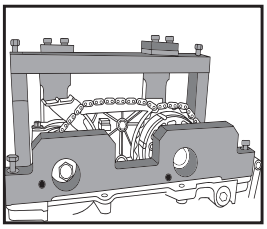
MODEL:	**BMW 1 Series** 125i F20/21(2012-14) **BMW 3 Series** 320i/xDrive F30/31 (2012-14), 328i F30/31 (2012-14), 328i/xDrive F30/31 (2012-14) **BMW 5 Series** 520i F10/11 (2010-14), 528i F10/11 (2013-14), 528i/xDrive F10/11 (2011-14) **X1** sDrive18i/20i E84 (2011-14), xDrive20i/28i E84 (2011-14) **X3** xDrive20i/28i F25 (2011-14) **Z4** sDrive18i E89 (2013-14), sDrive20i/28i E89 (2011-14)
ENGINE CODE:	N20 B20A, N20 B20B/U0, N20 B20O0, N26 B20

8 PC. | P | CHAIN



CONTENTS :
- A - VANOS alignments plate
- B - Camshaft locking tool
- C - Chain tensioner tool
- D - Flywheel locking pin





BMW

Diesel Engine Timing Locking Set



9AT2107E

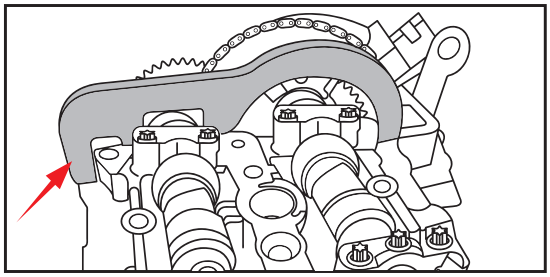
- The set includes camshaft alignment tool, flywheel locking tool, crankshaft pulley turning tool, and also high pressure pump sprocket removal tool
- Suitable for BMW N47 / N47S / N57 2.0 and 3.0 twin camshaft diesel chain drive engine
- Use to set & lock the camshaft and crankshaft when adjusting valve timing on engine correctly

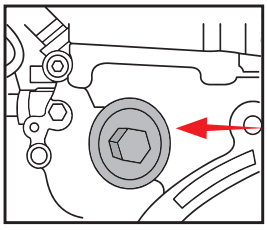
1730.0 1 / 10

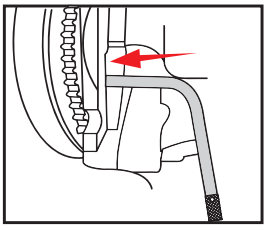


CONTENTS :
- A – camshaft Alignment Tool
- B – flywheel Locking Tool
- C – crankshaft Turning Tool
- D – high Pressure Pump Sprocket Removal Tool
- E – tensioner Locking Pin

MODEL:	**1 Series** 116d/118d/120d/123d E81/82/87/88 (07-12) **3 Series** 316d/318d/320d/325d/330d/330xd E90/91/92/93 (07-12) **5 Series** 520d E60/61 (07-10) 525d/530d/535d F10/11 (10-12) 530d GT/535d GT F07 (09-12) **7 Series** 730d/730Ld/740d/740d xDrive F01/02/04 (08-12) **X Series** X1 sDrive 18d/20d E84 (09-12) X1 xDrive 18d/20d/23d E84 (09-12) X3 20d E83 (07-10) X3 xDrive 1.8d/30d E83 (08-12) X5 30d/xDrive 40d E70 (10-12) X6 xDrive 30d/40d E71/72 (10-12)
ENGINE CODE:	**N47 / N47S** D20A D20B D20T0 D20O0 D20UO **N57** D30U0 D30O0 D30O1 D30T0









BMW
Petrol Engine VANOS Engagement Wrench

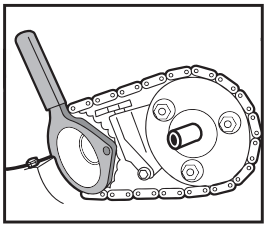
9AT1-A02

- For BMW twin camshaft engines with single VANOS unit mounted on inlet camshaft

297.8 g | 12 / 48

MODEL:	318is. E36 (92-99), 318ti Compact E36 (94-01) 320i. E36 / E46 (92-07), 323i. E36 / E46 (95-01) 325i. E36 / E46 (92-07), 328i. E36 / E46 (95-01) 330i. E46 (00-07), 520i. E39 / E60 (96-05) 523i. E39 (96-00), 525i. E39 / E60 (00-05) 528i. E39 (96-00), 530i. E39 / E60 (00-05) 728i. E38 (94-02), 730i. E65 (02-05) Z3. (E36) 1.9-3.0 (96-03) Z4. (E85) 2.2-3.0 (03-06) X3. (E83) 3.0 (03-06), X5. (E53) 3.0 (99-07)
ENGINE CODE:	**M50 / M52 Single VANOS (VVT) variants** 20 6S 2(Later), 20 6S 3 , 25 6S 2(Later) 25 6S 3, 28 6S 1





BMW
Diesel Engine Injection Pump Puller

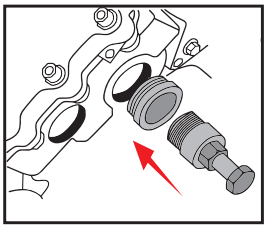
9AT2-D01

- Specifically designed for holding the sprocket / chain in place when disassembling the VP44 injection pump and high pressure pump
- Common rail fits BMW engines

528.0 g | 6 / 36

MODEL:	318d / Compact(E46) 320d / td Compact(E46) 330d(E46), 535d(E60 / E61), 730d(E38) X5 3.0d(E53), 530d(E39), 530d(E60 / E61) 525d(E60 / E61), 525d(E39)
ENGINE CODE:	**M47 / M57** 1 Series E87, 3 Series E46 / E90 5 Series E39 / E60, 6 Series E63 7 Series E38 / E65, X3 E83 and E53 / E70





CHEVROLET
Petrol Engine Tension Adjustment Wrench Set (Via Water Pump)

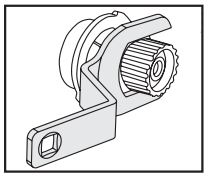
9AT1202

- The set includes 41mm and 46mm tension adjust wrench
- Suitable for Vauxhall / Opel and Chevrolet engine

694.4 g | 6 / 24

MODEL:	**9AT1202-B(41mm)** Kalos (04-08), Aveo (06-08), Espero / Aranos (95-97), Nexia (95-97) Lanos (97-03), Nubira / Lacetti (97-09) Cruze (2009)
ENGINE CODE:	1.4 A13DM A14MS F14S3 1.4 16v. F14D3, 1.5 G15MF 1.5 16v. A15DM A15SMS A15MF 1.6 16v. A16DM A16DMS F16D3 LXT







CONTENTS :
- A - tension adjustment wrench (46mm)
- B - tension adjustment wrench (41mm)

MERCEDES-BENZ
Petrol Engine Timing Set



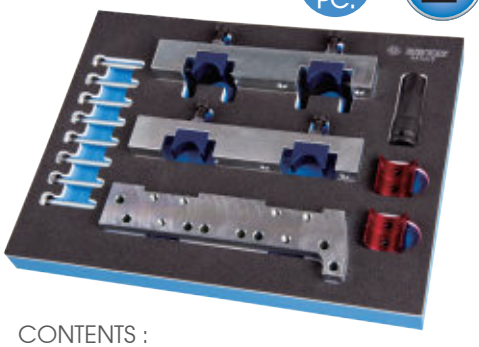
9AT1016E new

- Use for chain drive 1.6 / 2.0 direct injection petrol engine
- Includes different diameter alignment blocks and pulley bit socket to ensure the camshaft in the correct position
- Suitable for Mercedes- Benz M133 / M270 / M274

5696.0 g / 1 / 5

MODEL:	A-class 176 (since 2012) B-class 242 / 246 (since 2012) CLA 117 (since 2012) C-class 204 (since 2011) C-class COUPE (since 2011) E-class 212 (since 2011) GLA (2014-15)
ENGINE CODE:	133.980 270.910, 270.920 274.910, 274.920

16 PC. | P | CHAIN



CONTENTS :
- A – camshaft alignment tool (chain end)
- B – camshaft alignment tool (gearbox end)
- C – camshaft pulley bit socket (T100)
- D – camshaft alignment blocks (small)

MERCEDES-BENZ
Petrol Engine Timing Set



9AT1606E new

- Use for 1.8 litre M271 chain drive petrol engine
- Includes chain tensioner adjust tools and cam pulley bit socket to hold the chain in place
- Suitable for Mercedes- Benz M271

3452.0 g / 1 / 3

MODEL	ENGINE CODE
C-class 176 (2002-15) C-class Coupe (2011-15) CLC (2008-12) CLK (2002-09) E-class (2002-13) E-class Coupe / Cabriolet (2004-13) SLK (2004-15)	271.820, 271.860, 271.861 271.921, 271.940, 271.941 271.942, 271.943, 271.944 271.946, 271.948, 271.950 271.952, 271.954, 271.955 271.956, 271.957, 271.958
Sprinter (2007-15)	271.951

6 PC. | P | CHAIN



CONTENTS :
- A – camshaft locking tool
- B – cam chain tensioner rail wedge tool
- C – cam chain tensioner drift
- D – cam chain retaining bridge
- E – camshaft pulley bit socket (T100)

PSA PEUGEOT CITROËN
Petrol Engine Setting & Locking Set – BMW/PSA



9AT1010E

- The set includes camshaft setting tool, crankshaft locking pin & chain tensioner tool
- Suitable for BMW Mini and PSA Peugeot Citroën 1.4/1.6 16v valvetronic direct injection engines
- Use to lock and adjust engine timing

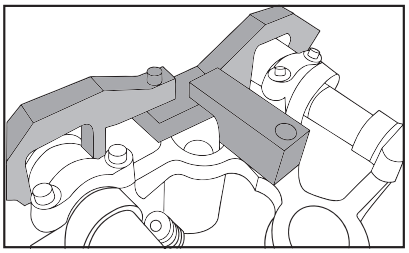
2383.5 / 1 / 5

MODEL:	**Citroen** C4(08-11) C4 Picasso(08-13) **Peugeot** 207(06-11) 207CC(07-14) 308(07-14)
ENGINE CODE:	**Citroen** 8FR(EP3) 5FS(EP6) **Peugeot** EP3(8FS) EP6(5FW) EP6DT(5FX) 8FS(EP3) EP6DTS(5FY)

10 PC. | P | CHAIN



CONTENTS :
- A – camshaft setting tool (inlet)
- B – camshaft setting tool (exhaust)
- C – camshaft setting tool
- D – camshaft setting clamp
- E – crankshaft locking pin
- F – chain tensioner tool
- G – M10 screw*4



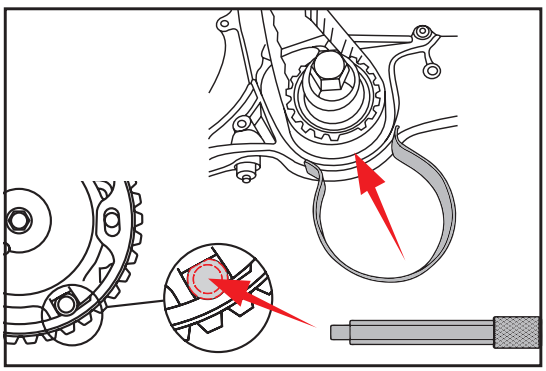
PSA PEUGEOT CITROËN
Petrol Engine Timing Set



9AT1021E

- The set includes special flywheel tools and cam/crankshaft timing pin
- Use to replace timing belt engines of: 1.0 / 1.1 / 1.4 / 1.6 / 1.6VTS / 1.8 16v / 2.0 / 2.0 16V / 2.2
- Include PSA "EW coded" twin-cam 16v engine and HPi versions
- Suitable for PSA Peugeot / Citroen engines

2163.5 / 1 / 10



21 PC. | P | BELT



CONTENTS :
- A – timing belt retaining tool
- B – tensioner adjusting tool
- C – flywheel locking tool
- D – flywheel holding tool
- E – flywheel plate locking tool
- F – flywheel locking tool
- G – flywheel locking tool
- H – tensioner locking tool
- I – tensioner locking tool
- J – timing pin

PSA PEUGEOT CITROËN
Diesel Engine Timing Set

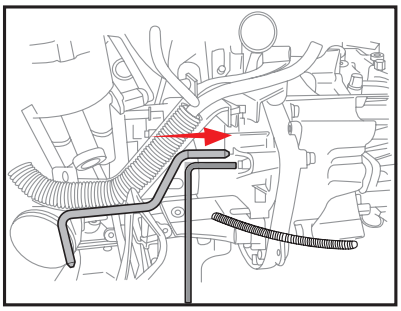


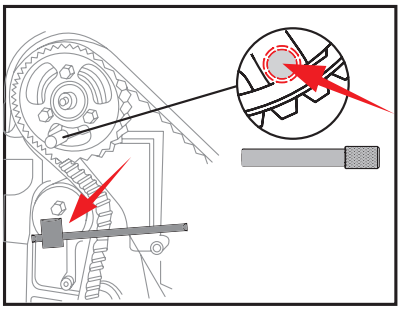
9AT2026E

- The set includes special flywheel tools and cam/ crankshaft timing pin
- Use to replace timing belt engines of: 1.4HDi / 1.5D / 1.6HDi / 1.9D / 2.0HDi / 2.0DHDi 16V / 2.2HDi / 2.5D Turbo
- Suitable for PSA Peugeot / Citroen engines

3180.0 | 1 / 3

26 PC. | D | BELT







CONTENTS :
- A – flywheel pulley puller
- B – flywheel locking tool
- C – tensioner tool
- D – M8 x 80mm screw
- E – flywheel locking pin
- F – flywheel locking tool
- G – flywheel locking tool
- H – flywheel timing tool
- I – tensioner tool
- J – timing pin
- K – timing belt retaining tool
- L – tensioner locking pin
- M – special locking tool

PSA PEUGEOT CITROËN
Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel

112.2 | 12 / 120

D | BELT

MODEL:	**2.8D/Tdi/Hdi** Relay / Jumper (01-06) Boxer (00-06)
ENGINE	8140.43 8140.43S 8140.63



A B C

CONTENTS :
- A – TDC Timing Pin
- B – Flywheel Locking Pin (2pc)
- C – Tensioner Retaining Tool

PSA PEUGEOT CITROËN

Petrol & Diesel Engine Flywheel Holding & Locking Tool

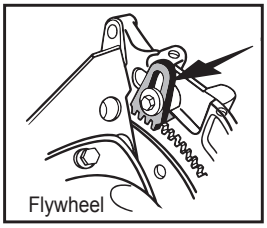
9AT3-E02

- Used to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with high torque and the flywheel must be securely locked during installation / removal
- Jamming tools into the teeth of the flywheel will cause serious damage to both teeth and housing
- Suitable for petrol and diesel engine

64.2 g / 25 / 100

MODEL:	**Petrol 1.0 to 2.0 TU / XU (Belt)** XU 1.6 to 2.0 **Diesel 1.50 to 2.50 TUD / XUD (Belt)** XU1.6 to 2.0 XD1.8D to 1.9D





FIAT

Petrol Engine Setting & Locking Set



9AT1002E

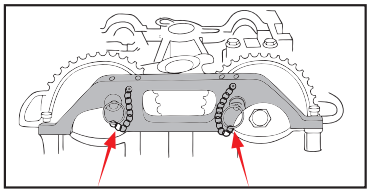
- The set includes camshaft setting tool and tensioner retaining pin
- Suitable for Vauxhall / Opel & Fiat engine
- Use to lock the camshafts on the correct timing position

1510.0 g / 1 / 10

MODEL:	**Petrol 2.2 16v. Twin Cams(Chain)** Croma (05-09)
ENGINE CODE:	**Petrol 2.2 16v. Twin Cams(Chain)** 194A1.000



CONTENTS :
- A - camshaft setting tool
- B - tensioner retaining pin



FIAT
Diesel Engine Setting & Locking Tool Set



9AT2006E

- The set includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engines timing

1359.5 | 1 / 10

6 PC. | D | BELT



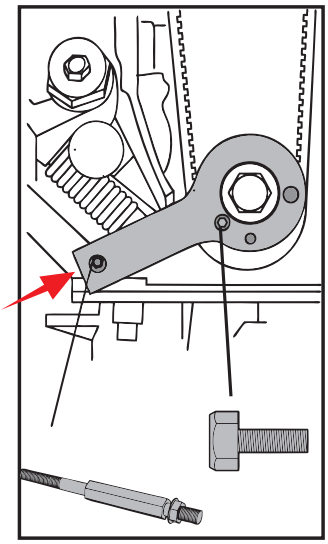
MODEL:

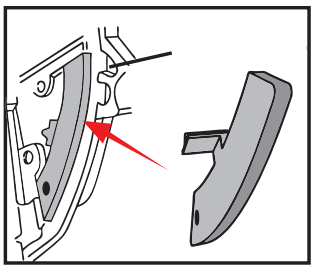
Diesel
1.6JTD / 1.9JTD / 2.0JTD / 2.4JTD Multijet(Belt)
Punto (99-06), Grande Punto (05-09)
Idea (04-08), Brava/Bravo (98-02)
Linea (07-09), New Bravo (07-09)
Marea/Weekend (99-03), Stilo (01-06)
Croma (05-09), Multipla (99-07)
Doblo/Cargo (02-09), Palio Weekend (02-06)
Sedici (06-09), Strada Pick-Up (03-06)

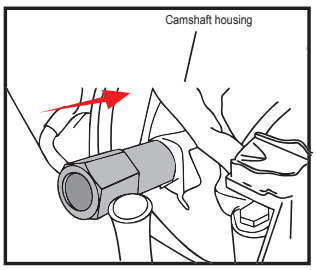
ENGINE CODE:

1.6JTD 16v.
198A2.000, 198A3.000, 198A6.000
350A2.000
1.9JTD 8v.
182B4.000, 182B9.000, 186A6.000
186A8.000, 186A9.000, 188A2.000
188A7.000, 188B2.000, 192A1.000
192A3.000, 192A8.000
1.9JTD 8v.
192A9.000, 192B4.000, 192B5.000
199A5.000, 939A1.000, 939A5.000
939A7.000, 223A7.000
1.9JTD 16v.
192A5.000, 937A5.000, 939A2.000
939A8.000
2.0JTD 16v.
198A5.000
2.4JTD 10v.
185A6.000
2.4JTD 20v.
939A3.000

CONTENTS :
- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)







FIAT
Petrol Engine Flywheel Holding Tool

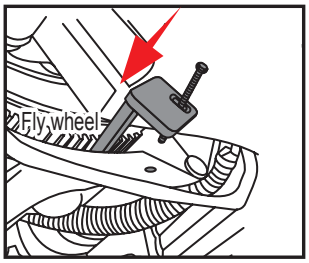
9AT1-E01

- Use to lock the flywheel while removing and replacing the timing belt
- Put it into the teeth of the flywheel to hold the crankshaft up, while releasing or tightening the bolt

51.0 | 20 / 100

MODEL:	Stilo (01-08), Brava / Bravo (95-02) Marea / Weekend (96-03), Multipla (99-09) Doblo / Cargo (02-06)
ENGINE CODE:	178B3.000, 182A4.000 182A6.000, 182B6.000





FIAT
Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel

112.2 | 12 / 120

MODEL:	**2.5D / 2.5DT / 2.8D / 2.8JTD** Croma (93-97) Ducato (87-06) Talento (87-02)
ENGINE	8140.21, 8140.27, 8140.47R 8140.43, 8140.43S, 8140.63 8144.67



CONTENTS :

- A – TDC Timing Pin
- B – Flywheel Locking Pin (2pc)
- C – Tensioner Retaining Tool

FIAT
Petrol Engine Flywheel Holding & Locking Tool

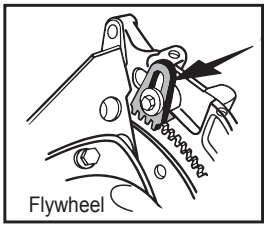
9AT3-E02

- Used to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with high torque and the flywheel must be securely locked during installation / removal
- Jamming tools into the teeth of the flywheel will cause serious damage to both teeth and housing
- Suitable for petrol and diesel engine

64.2 / 25 / 100

MODEL:	**Petrol 1.6 16v. Twin Cams (Belt)** Stilo





FORD
Petrol Engine Twin Camshaft & Diesel Engine Timing Tool Set



9AT1406E

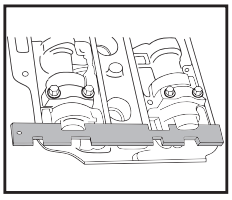
- The set includes VCT setting plate, camshaft setting plate, crankshaft TDC location pin, tensioner locking pin and flywheel locking tools
- Suitable for 16v. Duratec petrol engine of FORD 1.6 Ti-VCT twin camshaft
- Use to adjust VCT timing on inlet and exhaust camshaft during timing belt replacement

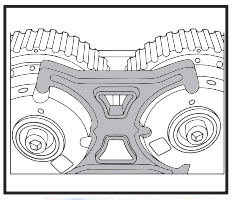
1640.0 / 1 / 10

MODEL:	Focus C-Max (03-08) Focus (04-08) Mondeo (07-08)
ENGINE CODE:	HXDA



CONTENTS :
- A&E - flywheel locking tool
- B - camshaft setting plate
- C - crankshaft TDC location pin
- D - tensioner locking pin
- F - VCT setting plate





FORD
Diesel Engine Timing and Injection Pump Setting & Locking Set



9AT2011E

- The set includes sprocket retaining plate, flywheel & tensioner locking pins
- Suitable for chain drive diesel engine of Ford
- Use to install/remove injection pump & set/lock engine timing

1472.5 / 1 / 10

MODEL:	Diesel 2.0 / 2.2 / 2.4 TDdi / TDci DURATORQ(CHAIN)
ENGINE CODE:	**2.0Ddi** ABFA, D3FA, F3FA **2.0 TDdi** D5BA, D6BA **2.0 TDci** FMBA, FMBB **2.2 TDci** QJBA~D **2.4 Ddi** D2FA, F4FA **2.4 TDci** FXFA, H9FA, JXFA, PHFA



CONTENTS :
- A – access Cover Removal Plate
- B – sprocket Retaining Plate
- C – location Pins (3 PC.)
- D – locking Pins (3 PC.)
- E – flywheel Locking Pins (2 PC.)
- F – tensioner Locking Pin

FORD

Diesel Engine Setting/Locking Tool (Belt Drive)

9AT2-C01

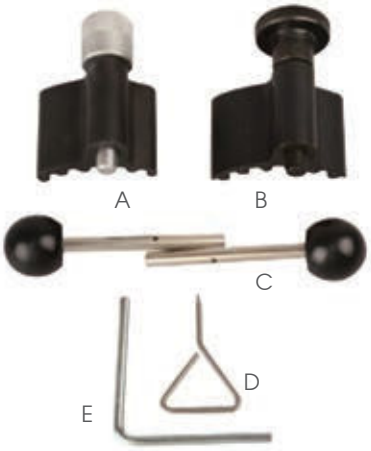
- The set includes crankshaft (oval/round), camshaft and tensioner locking pins
- Suitable for most of general VAG 1.4/1.9/2.0 TDi PD DOHC engines
- Also for Ford Galaxy models engine

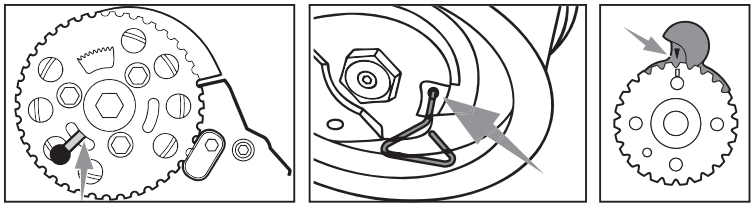
408.2 | 10 / 40

MODEL:	Galaxy 1.9
ENGINE CODE:	ASZ / ANU

CONTENTS :

- A - Crankshaft Locking Tool (Silver / Oval)
- B - Crankshaft Locking Tool (Black / Round)
- C - Camshaft Locking Pins (2 pcs)
- D - Tensioner Pulley Locking Pin
- E - Auxiliary Belt Tensioner Locking Pin





FORD

Petrol Engine Timing Set – Ford 2.0 Ecoboost

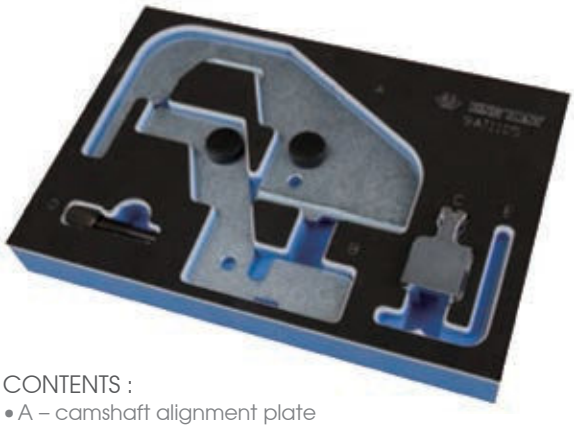


9AT1105E

- The set includes cam & crankshaft alignment tool and tensioner locking pin
- Suitable for Ford fitted with SCTi Ecoboost/Ti-VCT 2.0lt direct injection engines
- Camshaft tool use for vehicles manufactured **May 2011** and **after May 2011**

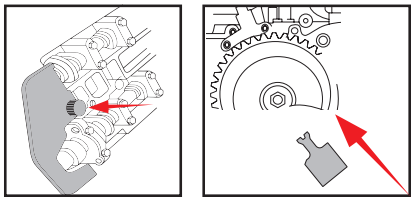
1744.5 | 1 / 10

MODEL:	Galaxy(2010-), Mondeo(2010-) S Max(2010-), Focus(2011-)
ENGINE CODE:	**Galaxy 2.0** TNWA, TNWB, TPWA **Mondeo 2.0** TNBA, TPBA **S Max 2.0** TNWA, TNWB, TPWA **Focus 2.0** MGDA, XQDA



CONTENTS :

- A – camshaft alignment plate
- B – camshaft alignment plate
- C – crankshaft locking tool
- D – crankshaft timing pin
- E – tensioner locking pin



FORD
Petrol Engine Timing Locking Set

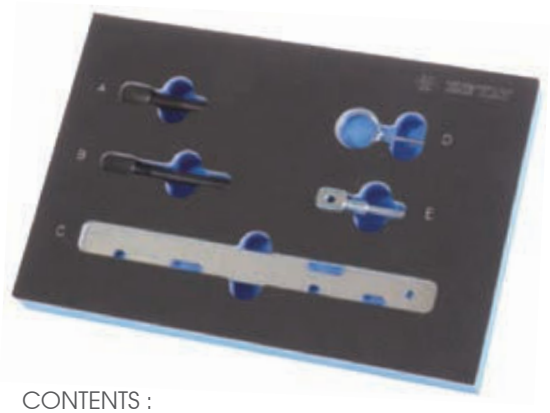


9AT1005E

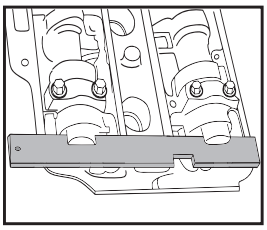
- The set includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application

1051.0 / 1 / 10

5 PC. | P | CHAIN | BELT



CONTENTS :
- A - crank TDC location pin
- B - crank TDC location pin
- C - camshaft setting plate
- D - timing belt tensioner locking pin
- E - crank holding tool (+crank pulley bolt tightening)



MODEL:

1.25 to 2.3 16v. DURATEC(Belt/Chain)
Fiesta (95-09)
Fusion (02-09)
Puma (97-02)
Focus (98-09)
Focus C-Max (03-07)
C-Max (07-09)
Mondeo (93-09)
Cougar (98-01)
S-Max (06-09)
Galaxy (06-09)
Tourneo Connect (02-06)
Transit Connect (02-06)
Transit (06-09)

ENGINE CODE:

1.25 16v (Belt)
DHA~G, F8JA~B, FUJA~B
M7JA~B, SNJA, STJA
1.4 16v (Belt)
ASDA~B, FHA, FHD~F, FXDA/C, FXDB/D
FXJA~B, SPJA
1.6 16v (Belt)
FYDA/C, FYDB/D, FYJA~B, L1F, L1J, L1L,
L1N, L1Q, L1T, L1V, L1W, HWDA~B
1.7 16v (Belt)
MHA~B
1.8 16v(Belt)
EYDB~G, EYDI~J, EYPA, EYPC, RKA~B
RKF, RKH, RKJ, RKK
1.8 16v(Chain)
CDBB, CGBA/B, CHBA/B, CSDA~B, QQDA~C
2.0 16v(Belt)
EDBA/C, EDBB, EDBD, EDDB~D, EDDF, NGA~D
2.0 RS/ST170(Belt)
ALDA, HMDA
2.0 16v(Chain)
AOBA, AODA~B, AOWA, CJBA/B, N4JB
2.3 16v(Chain)
SEBA, SEWA, GZFA, GZFB

FORD
Petrol & Diesel Engine Flywheel Holding Set

9AT3-E01

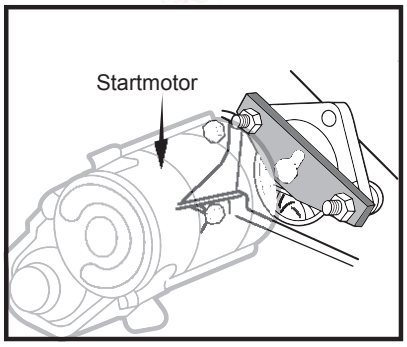
- Lock crankshaft in timed position by locating into flywheel
- Suitable for counter-holding crankshaft when releasing or tightening crankshaft pulley bolt

373.2 / 36 / 36





MODEL:
1.8 TDi / TDdi / TDCi Petrol Engines(Belt)
Fiesta / Courier, Tourneo Connect,
Focus C-Max, Mondeo, S-Max, Galaxy,
Transit Connect
2.0TDCi Diesel Engines (Belt)
Focus / C-Max, S-Max, Galaxy
1.6Ti-VCT Petrol Engines(Belt)
Focus, Mondeo, Focus C-Max



ENGINE CODE:
1.8 TDi / TDdi / TDCi Petrol Engines(Belt)
RTN, RTQ, RTP, BHDB, BHPA, C9DA, C9DB
C9DC, F9DA, F9DB, FFBA, FFDA, FFWA
HPCA, HPCB, P7PA, P9PA, QYBA, QYWA
R2PA, R3PA, RWPA, KKDA
2.0TDCi Diesel Engines (Belt)
AZWA, G6DA, G6DB, G6DC, QXWA
1.6Ti-VCT Petrol Engines(Belt)
HXDA

IVECO
Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel

112.2 / 12 / 120





MODEL:
2.5D/2.8D
Daily (91-06)
Turbo Daily (94-00)

ENGINE CODE:
8140.07, 8140.27S, 8140.47
8140.47R, 8140.67F, 8140.97
8140.23, 8140.43C, 8140.43S

CONTENTS :
- A – TDC Timing Pin
- B – Flywheel Locking Pin (2pc)
- C – Tensioner Retaining Tool

LANCIA
Diesel Engine Setting & Locking Set



9AT2006E

6 PC. | D | BELT

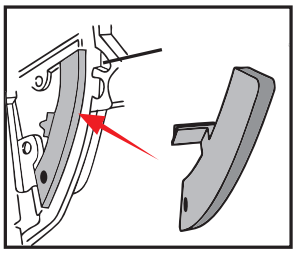
- The set includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engines timing

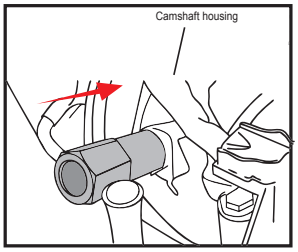
1359.5 | 1 / 10

MODEL:	**2.0JTD / 2.2JTD(Belt)** Lybra (99-07) Musa (04-09) Kappa (98-02) Thesis (02-07)
ENGINE CODE:	**1.9JTD 8v.** 323.02, 371.01, 188B2.000, 937A2.000 **2.4JTD 10v.** 838A8.000, 839A5.000, 839A6.000 **2.4JTD 20v.** 841C.000, 841D.000, 841G.000, 841H.000



CONTENTS :
- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)





LANCIA
Petrol Engine Flywheel Holding Tool

9AT1-E01

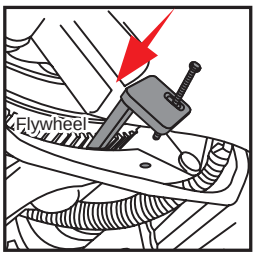
P | BELT

- Use to lock the flywheel while removing and replacing the timing belt
- Put it into the teeth of the flywheel to hold the crankshaft up, while releasing or tightening the bolt

51.0 | 20 / 100

MODEL:	Delta (96-99) Lybra (99-06)
ENGINE CODE:	182A4.000 182A6.000





LAND ROVER
Diesel Engine 2.0 / 3.0 Timing Set



9AT2007E

7 PC. | D | CHAIN

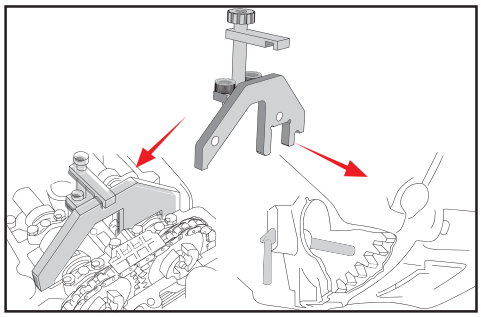
- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

1752.5 g / 1 / 10

MODEL:	**Diesel (Chain)** Freelander (00-06) Td4 (2.0d) Range Rover (02-06) Td6 (3.0d)
ENGINE CODE:	**Diesel (Chain)** 204D3 / Td4 (2.0 M47:BMW) 306D1 / Td6 (3.0 M27:BMW)



CONTENTS :
- A – camshaft setting plate
- B – camshaft plate locking tool
- C – TDC timing pin
- D – tensioner retaining pin set (pair)
- E – flywheel locking pin



LAND ROVER
Diesel Engine 2.5TDS Timing Set



9AT2106E

6 PC. | D | CHAIN

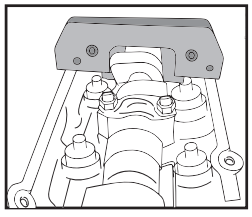
- The set includes camshaft setting plate, tensioner lever, tensioner retaining pin, flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engines
- Use to retain and support the sprocket and timing chains in position when the pump is removed

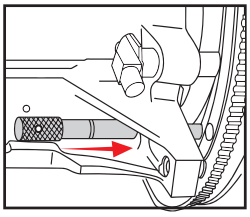
2480.0 g / 1 / 5

MODEL:	**2.5D Turbo (Chain)** Range Rover (94-02)
ENGINE CODE:	256T M51



CONTENTS :
- A – camshaft setting plate
- B – tensioner lever
- C – flywheel locking pin
- D – tensioner retaining pin
- E – pump remove & sprocket retainer (2 part)





LAND ROVER
Diesel Injection Pump Puller

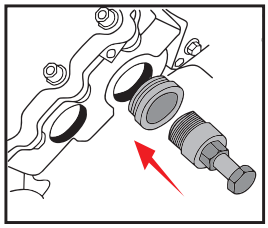
9AT2-D01

- Specifically designed for holding the sprocket / chain in place when disassembling the VP44 injection pump and high pressure pump
- Common rail fits BMW engines

528.0 | 6 / 36

MODEL:	Freelander (00-06) Td4 (2.0d) Range Rover (02-06) Td6 (3.0d)
ENGINE CODE:	204D3 / Td4 (2.0 M47:BMW) 306D1 / Td6 (3.0 M57 : BMW)





MAZDA
Petrol Engine Timing Locking Set



9AT1005E

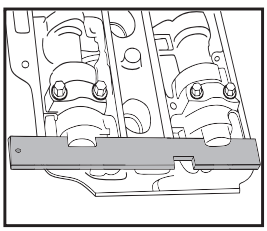
- The set includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application

1051.0 | 1 / 10

MODEL:	**1.25 to 2.3 16v. (Belt/Chain)** 121 (95-00) 2 (02-07) 3 (03-09) 5 (05-09) 6 (02-09) MX-5 (05-09) MPV (02-05) Tribute (01-01)
ENGINE CODE:	**1.25 to 2.3 16v. (Belt/Chain)** **1.25 16v :** DHA, FUJA, FUJB **1.4 16v :** FXJA, FXJB **1.6 16v :** FYJA **1.8 16v :** L8 **2.0 16v :** LF, YF **2.3 16v :** L3



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 Set



9AT2008E

- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

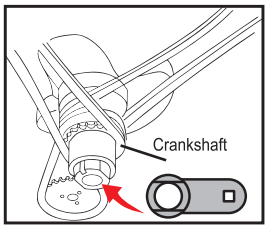
8 PC. D CHAIN

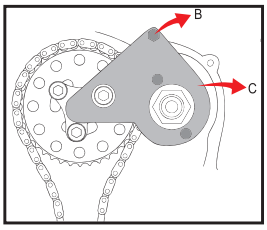
2375.5 1 / 5

MODEL:	Megane II (07-09) Scenic /Grand Scenic (08-09) Laguna II (01-05) Vel Satis (05-09) Espace / Grand Espace (08-09) Koleos (08-09) Trafi c (07-09)
ENGINE CODE:	**2,0 dCi M9R** 700, 721, 722, 724, 740, 742, 746, 760 761, 780, 802, 803, 805, 830, 832, 833



CONTENTS :
- A&H - camshaft gear alignment tool
- B&C - camshaft setting plate
- D - crankshaft locking pin
- E - auxiliary belt tensioner locking pin
- F - crankshaft pulley holding tool
- G - chain tensioner locking pin





RENAULT
Petrol Engine Timing Locking Set-2.0 16V IDE - F5R

9AT1-A03

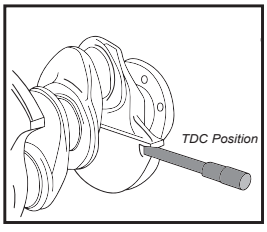
- The set includes crankshaft timing pin and camshaft setting plate, to aid timing belt replacement
- Suitable for Renault 2.0 IDE twin cam petrol engines found in Laguna and Megane vehicles

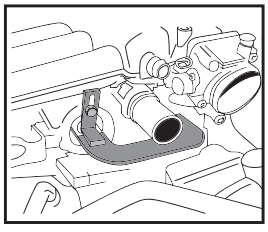
P BELT



510.6 10 / 30

MODEL:	Megane (99-03) Laguna II (01-05)
ENGINE CODE:	F5R700, 701, 740





RENAULT
Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel

112.2 | 12 / 120

MODEL:	**2.5D/2.5D Turbo/2.8dTi/2.8dCi** Trafic (98-00) Master (98-07)
ENGINE CODE:	**S8U** 720, 722, 730, 731, 742, 748 750, 752, 770, 772, 780, 782 **S9U** 700, 702, 704, 714, 740 **S9W** 206, 208, 212, 700, 702



CONTENTS :
- A – TDC Timing Pin
- B – Flywheel Locking Pin (2pc)
- C – Tensioner Retaining Tool

RENAULT
Petrol & Diesel Engine Timing Set(dCi Engines)

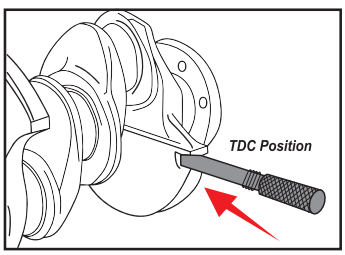
9AT3-A03

- The set includes camshaft / crankshaft locking pin and TDC timing pin
- Used for timing belt replacement
- Suitable for Renault 1.5 and 1.9 dCi diesel and petrol engine

RENAULT (Belt) 220 | 10 / 100

MODEL:	**Diesel** Clio 1.5 dCi (01-08) Clio 1.9 DTi (99-03) Espace 1.9 TDi (97-02) Kangoo 1.5 dCi (04-08) Kangoo 1.9 DTi (99-03) Laguna 1.9 DTi (97-03) Megane II 1.5 dCi (02-05) Megane 1.9 D/TD/TDi (95-03) Scenic II 1.5 dCi (02-05) Scenic 1.9 TD (95-99) **Petrol** Clio 1.8 (92-01) Espace 2.0 (92-01) Laguna 1.8 (92-01) Megane, 2.0 (96-99) R19 1.8 (92-01) F3R Scenic 2.0 (96-99)
ENGINE CODE:	**Diesel** K9K F8Q F9Q **Petrol** F3P F3R





CONTENTS :
- A - crankshaft Locking Pin
- B - TDC Timing Pin
- C - camshaft/Crankshaft Locking Pin

RENAULT
Petrol & Diesel Engine Flywheel Holding & Locking Tool

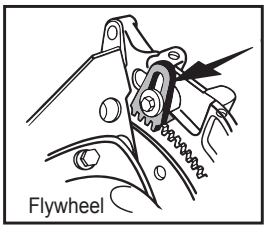
9AT3-E02

- Used to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with high torque and the flywheel must be securely locked during installation / removal
- Jamming tools into the teeth of the flywheel will cause serious damage to both teeth and housing
- Suitable for petrol and diesel engine

64.2 | 25 / 100

MODEL:
Petrol 1.2 to 2.2 (Belt)
F3R, F7R, F7P, F3P, E7J
F8M and F8Q (early)
Diesel 1.50 to 2.50 TUD / XUD (Belt)
F3R, F7R, F7P, F3P, E7J, F8M and F8Q (early)





NISSAN
Diesel Engine Setting & Locking Tool Set



9AT2008E

- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

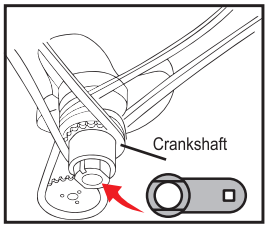
2375.5 | 1 / 5

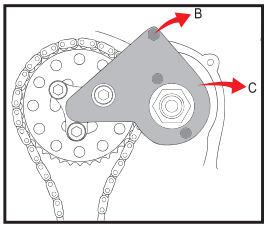
MODEL:
Primastar (08-09)
Qashqai (08-09)
X-Trail (07-08)

ENGINE CODE:
M9R
780, 830, 832, 833



CONTENTS :
- A&H - camshaft gear alignment tool
- B&C - camshaft setting plate
- D - crankshaft locking pin
- E - auxiliary belt tensioner locking pin
- F - crankshaft pulley holding tool
- G - chain tensioner locking pin





ROVER
Diesel Engine 2.0 / 3.0 Timing Set



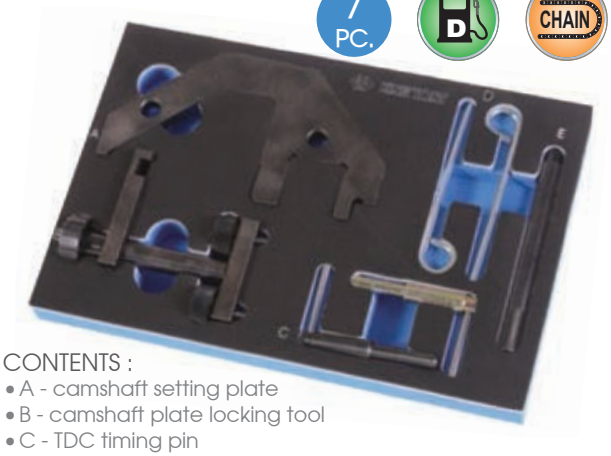
9AT2007E

- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

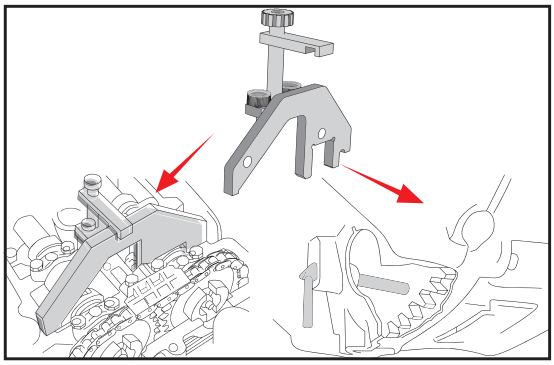
1752.5 / 1 / 10

MODEL:	**Diesel (chain)** **Rover** 75 (99-05) **MG** MG ZT (01-05)
ENGINE CODE:	**Diesel (chain)** M47R (BMW)

7 PC. D CHAIN



CONTENTS :
- A - camshaft setting plate
- B - camshaft plate locking tool
- C - TDC timing pin
- D - tensioner retaining pin set (pair)
- E - flywheel locking pin



SAAB
Diesel Engine Setting & locking Set



9AT2005E

- The set includes crankshaft locking tool, camshaft setting tools(pair) and a tensioner locking pin
- Suitable for Saab, Vauxhall / Opel engine
- Use to set and lock engines timing

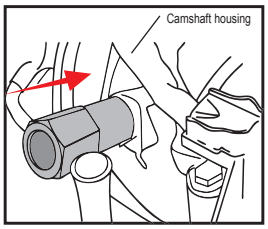
1295.0 / 1 / 10

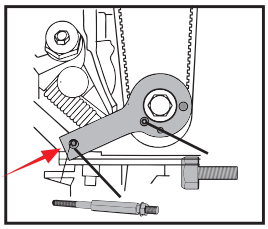
MODEL:	**Diesel 2.2D TiD** 9-3 (98-04), 9-5 (02-06)
ENGINE CODE:	**Diesel 2.2D TiD** Z19DT / Z19DTH

5 PC. D BELT



CONTENTS :
- A&D - crankshaft locking tools
- B - camshaft setting tool (pair)
- C - tensioner locking pin





SUZUKI
Petrol Engine Setting & Locking Set



9AT1004E

4 PC. | P | CHAIN

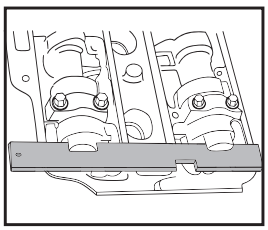
- The set includes camshaft setting plate, crankshaft locking pin, chain tensioner locking pin and also camshaft sensor aligning bracket
- The bracket is used to position the timing sensor disc on the inlet camshaft

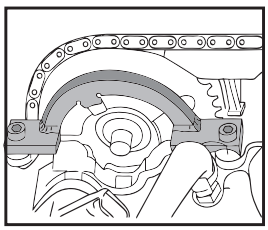
1316.5 | 1 / 10

MODEL:	**Petrol 1.0 / 1.2 (Chain)** Wagon R+ (05-08)
ENGINE CODE:	**Petrol 1.0 / 1.2 (Chain)** Z10XEP Z12XEP



CONTENTS :
- A - camshaft sensor aligning bracket
- B - crankshaft locking pin
- C - camshaft locking tool
- D - tensioner retaining pin





SUZUKI
Diesel Engine Setting & Locking Set



9AT2004E

4 PC. | D | BELT

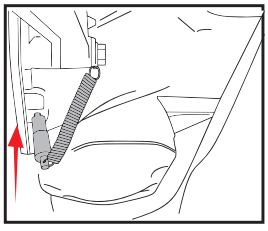
- The set includes flywheel locking pin, camshaft setting tools, tensioner locking pin
- Use to retain timing position only. DO NOT use them to hold camshafts in position while releasing or tightening the sprocket bolts

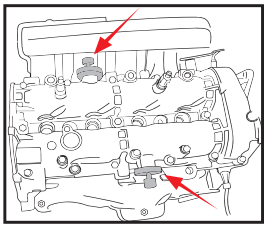
1100.5 | 1 / 10

MODEL:	**Diesel 1.3 DDiS (Belt)** Swift (04-09) Ignis (03-09) Wagon R+ (03-08)
ENGINE CODE:	**Diesel 1.3 DDiS (Belt)** Z13DT



CONTENTS :
- A– camshaft setting tool set (pair)
- B– flywheel locking pin
- C– tensioner retaining pin





VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Front End Support Guide Set

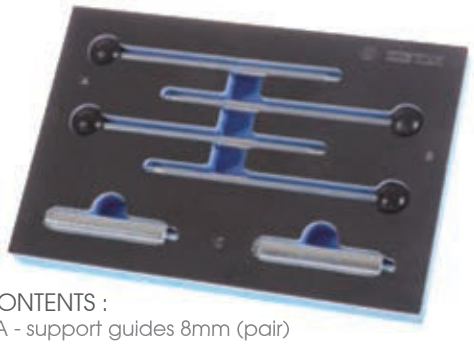


9AT1006E

- The set includes 8mm, 10mm and 17mm support guides
- Suitable for almost all VW Group models
- Use to extend the front panel of vehicles, so it can provide more space in engine compartment while carrying out various service applications

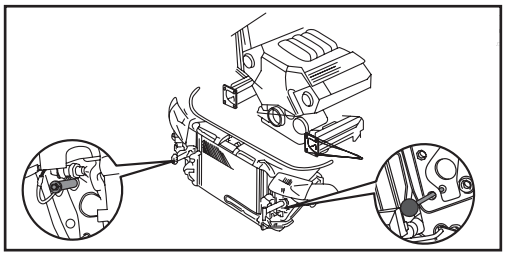
1420.5 | 1 / 10

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



6 PC.

CONTENTS :
- A - support guides 8mm (pair)
- B - support guides 10mm (pair)
- C - support guides 17mm (pair)



VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Twin Camshaft Setting & Locking Set - VAG 1.4 / 1.6 FSi (Chain)



9AT1103E

- The set includes camshaft setting plate, TDC position tool (with DTI) and tensioner locking pin
- 9AT1103 'B' TDC positioning tool has to use with 9AT3-F01(not included in this set)

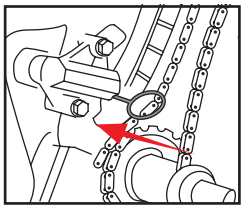
3 PC. | P | CHAIN

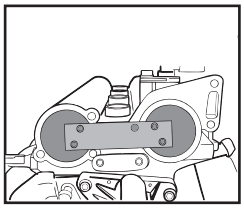


CONTENTS :
- A - camshaft setting plate
- B - TDC position tool (with DTI)
- C - tensioner locking pin

1456.0 | 1 / 10

MODEL:	**Audi** A3 (03-07) **Volkswagen** Polo (02-08), Golf V (03-08), Golf Plus (05-08) Jetta (06-08), Passat (05-08), Touran (03-07) **Skoda** Octavia II (04-08)
ENGINE CODE:	**1.4 FSI** AXU, BKG, BLN **1.6 FSI** BAG, BLF, BLP, BTS





VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT

Diesel & Petrol Engine Timing Locking Set

- PETROL :1.6 / 1.8 / 1.8T / 2.0 / 2.0 16v / 2.0FSi (Chain)
- DIESEL :1.7 and 1.9D / DT / SDi / TDi (Belt)



9AT1012E

2037.2 1 / 5

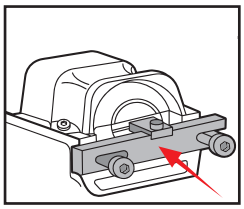
12 PC. | P | D | CHAIN | BELT

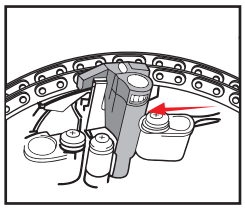
MODEL:	**PETROL / DIESEL :** **Audi** 80 (91-96), A3 (96-08), S3 (99-03) A4 (95-08), A6 (94-08) , TT (98-05) Cabriolet (94-08) **Seat** Altea (04-08) Alhambra (95-04), Arosa (98-05), Ibiza / Cordoba (93-02) Inca (96-04), Leon (99-05), Toledo (94-08) **Skoda** Fabia (00-07), Octavia (96-07) Superb (02-08) **VW** Beetle (99-08), Bora / Golf (94-08) Caddy (95-06), Lupo (99-06) Passat (96-08), Vento(92-97), Jetta(05-09) Polo / Classic (95-02), Sharan (95-08) Touran (03-08), Transporter (90-08)
ENGINE CODE:	**PETROL :** **1.6** 1F, ABM, ADA, ADP, AEH, AEK, AFT, AHL, AKL, AKS, ALZ, ANA, APF, ARM, AVU, AYD, BFQ, BFS, BFQ, BGU, BSE, BSF **1.8** ABS, ADR, ADZ, AGN, AJP, APG, APT, APX, ARG **1.8T** AEB, AGU, AJH, AJL, AJQ, AMK, ANB, APP, APU, APY, AQA, AQX, ARX, ARY, ARZ, AUM, AVC, AWC, AWT, AWU, AUQ, AYP, BAM **1.8 16v** ADL **2.0** 2E, AAC, AAE, ABF, ABK, ABT, ACE, ADY, AEG, AGG, AKT, APK, AQY, ATM, ATU, AWF, AWG, AXA, AZH, AZJ, AZL, AZM, BEH **2.0 16v** ABF **2.0FSi / TFSi** AXW, AXX, BGB, BHD, BLR, BLY, BMB, BPJ, BPY, BWA **DIESEL :** **1.7 SDi** AHB, AHG, AKU, AKW **1.9D/Turbo** 1Y, AAZ, ABL, AEF **1.95 SDi** AEF, AEY, AGD, AGP, AQM, ASX, ASY, AYQ **1.9TDi** 1Z, AAZ, AFF, AFN, AGR, AHF, AHH, AHU, ALE, ALH, ASV, AVG

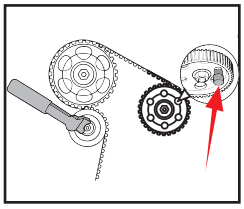
- The set includes injection pump locking tools and cam belt tensioner tools
- Suitable for VAG diesel (1.7 and 1.9D / SDi / TDi) and petrol (1.6 to 2.0) engines , and chain-in-head (1.8 / 1.8T) engine
- Use to replace timing belt and carry out various timing tensioner applications



CONTENTS :
- A&f - camshaft setting plate
- B - camshaft setting plate
- C - injection pump locking pin
- D - injection pump locking pin
- E - fan retaining bolt
- G - tensioner retainer
- H - tensioner lock pin
- I - tensioner retainer
- J - tensioner adjuster
- K - tensioner adjuster







VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Setting & Locking Set



9AT1104E

- The set includes a camshaft setting tool set (pair), camshaft setting tool and a flywheel locking pin
- Suitable for VW Group 1.2 engine range
- Use to adjust valve timing

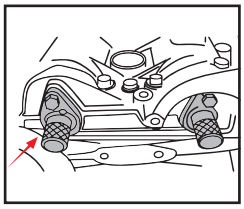
1291.0 / 1 / 10

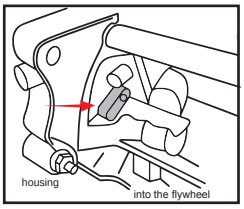
MODEL:	**Seat** Ibiza / Cordoba (02-08) **Skoda** Fabia (02-07) **Volkswagen** Polo (02-07), Fox (05-08), Eos (06-08)
ENGINE CODE:	**Petrol 1.2 6v (chain)** AWY, BMD **Petrol 1.2 6v (chain)** AZQ, BME

4 PC. | P | CHAIN



CONTENTS :
- A - camshaft setting tool set (pair)
- B - flywheel locking pin
- C - camshaft setting tool





VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Timing Set



9AT1306E

- The set includes camshaft setting plate, camshaft sprocket adjusting tool, tensioner adjusting tool, tensioner locking pin and crankshaft locking pin
- Suitable for Audi VAG 3.0 V6 petrol engine
- Use to replace timing belt and carry out timing tensioner applications

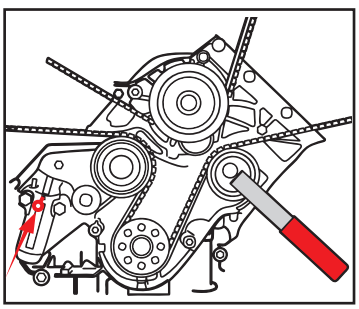
3667.5 / 1 / 5

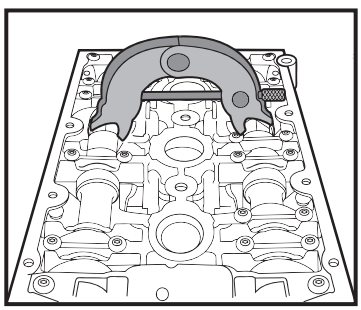
MODEL:	**Audi** A4 (01-08), A6 (01-08), A8 (03-08) Cabrio (03-08)
ENGINE CODE:	ASN, AVK, BBJ

6 PC. | P | BELT



CONTENTS :
- A - camshaft setting plate (pair)
- B - crankshaft locking pin
- C - camshaft sprocket adjusting tool
- D - tensioner adjusting tool
- E - tensioner locking pin





VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT
Petrol Engine Setting & Locking Set



9AT1506E

- The set includes dial & TDC indicator and camshaft setting tool
- Suitable for 1.2T/1.4T FSi and 1.4/1.6 FSi engines
- Use to check and adjust engine timing

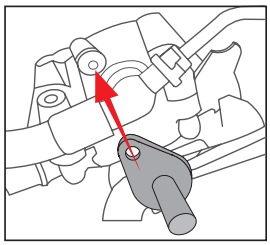
1856.0 / 1 / 10

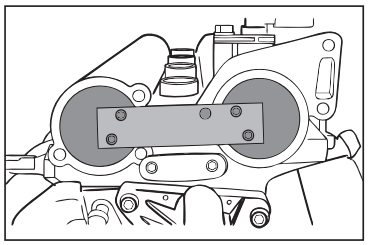
6 PC. | P | CHAIN

MODEL:	**Audi** A1(10-12), A3(03-12) **Seat** Altea/Altea XL(08-12), Ibiza/Cordoba(08-12) Leon(07-12), Toledo(07-09) **Skoda** Fabia II(07-12), Octavia II(04-12) Roomster(06-12), Superb II(09-12) Yeti(09-12) **VW** Caddy/ Caddy Maxi(10-12), Eos(06-12) Golf(03-12), Golf Plus(03-12), Jetta(06-12) Passat(05-11), Polo(02-12), Scirocco(08-12) Tiguan(07-12), Touran(03-12)
ENGINE CODE:	**1.2T FSI** CBZA, CBZB, CBZC **1.4T FSI** BLG, BMY, BWK, CAVA, CAVB, CAVC, CAVD CAVE, CAVF, CAXA, CAXC, CDGA, CSMA **1.4 FSI** AXU, BKG, BLN **1.6 FSI** BAG, BLF, BLP, BTS



CONTENTS :
- A – camshaft setting plate
- B – TDC indicator
- C – camshaft setting tool
- D – crankshaft locking pin
- E – dial test indicator
- F – tensioner locking pin





VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT

Diesel Engine Setting & Locking Set - Pumpe Düse



9AT2012E

- The set includes crankshaft & camshaft locking tool, tensioner setting & adjusting tools
- Suitable for belt drive Pumpe Düse diesel engines of VW group vehicles and Ford (Galaxy)
- Use to set & lock engine to make sure timing is in the correct position during timing belt replacement
- Suggestion :
  Check the engine is hydraulic or mechanical tensioner first. (Some of 1.2 1.4 1.9 engines were changed from hydraulic to mechanical.)

12 PC. | D | BELT

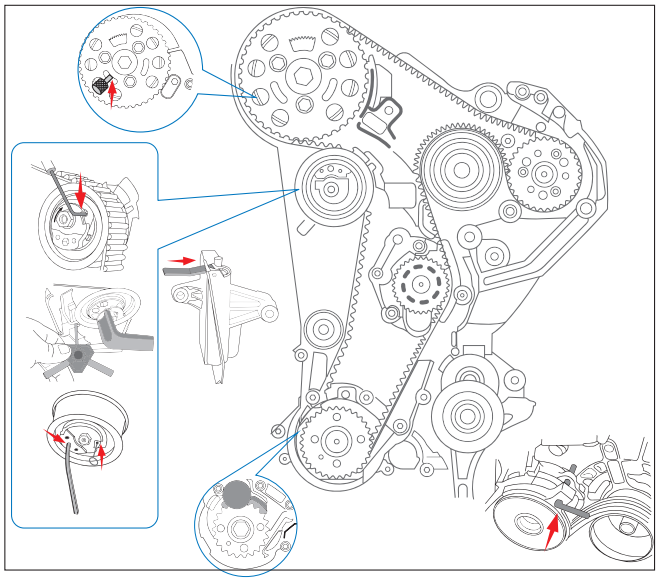


1845.0 | 1 / 10

MODEL:	**Audi** A2 (01-06), A3 (01-09), A4 (99-09) A5 (08-09), A6 (98-08), TT (08-09) Q5 (08-09) **Skoda** Fabia (00-07), Fabia II (07-09) Octavia (00-09), Octavia II (04-09) Superb (02-08), Roomster (07-09) **Volkswagen** Lupo(99-05), Polo(99-07), Fox(05-08) Jetta (05-09), Passat (98-09), Beetle (00-09) Touran (03-09), Sharan (99-09) Caddy (03-09), Golf /Bora(98-08) Golf Plus (05-09), Transporter (03-09) **Seat** Arosa (99-05), Altea XL(04-09) Leon (00-09), Toledo (04-09) Alhambra (99-09), Ibiza / Cordoba)(02-09) **Ford** Galaxy (99-06)
ENGINE CODE:	**1.2TDi PD** ANZ, AYZ **1.4TDi PD** AMF, ATL, BAY, BHC, BMS, BNM, BNV, BWB **1.9TDi PD** AJM, AMG, ANU, ARL, ASZ, ATD, ATJ, AUY, AVB, AVF, AVQ, AWX, AXB, AXC, AXR, BEW, BJB, BKC, BKE, BLS, BLT, BMT, BPX, BRB, BRM, BRR,BRS, BRU, BSU, BSW, BTB, BUK, BVK, BXE, BXF **2.0TDi PD** AZV, BDJ, BDK, BGW, BHW, BKD, BKP, BLB, BMA, BMM, BMN, BMP, BMR, BNA, BPW, BRC, BRE, BRF, BRT, BUZ, BVE, BVF, BVG, BVH, BWV **1.9TDi PD (Ford)** ANZ, ASZ, AUY

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



VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT
Petrol Engine Camshaft Sprocket Holding Tool

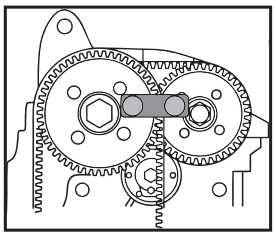
9AT1-A01

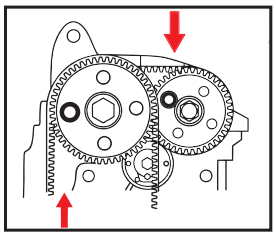
- For locking the camshaft pulleys when changing the toothed belt
- Engine repairs on 16-valve 1.4/1.6L FSi twin cams injection engine

339.8 | 6 / 36

MODEL:	**Audi** A2 (00-06) **Seat** Arosa (99-05), Ibiza / Cordoba (99-08) Leon (99-05), Toledo (99-05), Inca (00-04) **Skoda** Fabia (99-07), Octavia (00-08) **Volkswagen** Lupo (98-05), Polo (98-07), Golf / Bora (97-08), Beetle (01-08) Caddy (99-08)
ENGINE CODE:	AFK, AHW, AJV, AKQ, APE, AQQ, AUA, AUB, AXP, ARC, ATN, AUS, AVY, AZD , ARR, BBY, BBZ, BCA, BKY, BAD, BCB







VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT
Petrol Engine Chain Tensioner Retainer

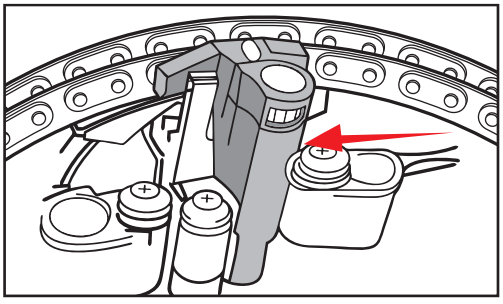
9AT1-A04

- Use to hold the chain tensioner in position when removing or installing timing chain
- Suitable for a variety of VAG chain drive engines

46.0 | 12 / 192

MODEL:	A3, A4, A6, A8, S3, S4, TT, etc
ENGINE CODE:	**Audi** AHA, AMB, AMU, APB, ART, ATC, ATQ, AWM, AWN, AWP, BBD, BCY, BEA, BEL, BFM **VW** AHA, APH, ATQ, AUG, AWM, AWP, AWV, BKF, BNU





VOLKSWAGEN GROUP
AUDI/SKODA/VW/SEAT

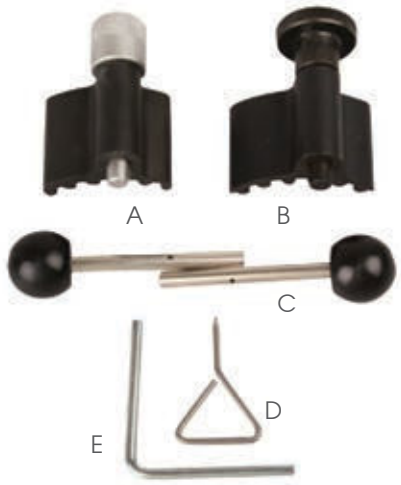
Diesel Engine Setting/Locking Tool (Belt Drive)

9AT2-C01

- The set includes crankshaft (oval/round), camshaft and tensioner locking pins
- Suitable for most of general VAG 1.4/1.9/2.0 TDi PD DOHC engines
- Also for Ford Galaxy models engine

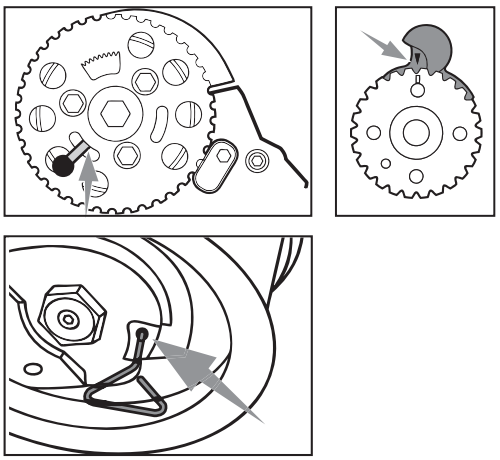
408.2 | 10 / 40

MODEL:	**Audi** A2 1.4 (02-06) A3 1.9/2.0 (02-08) A4 1.2 (02-05) A4 1.9/2.0 (02-05) A6 1.9 (20-05) **VW** Beetle 1.9 (02-08) Bora 1.9 (02-08) Fox 1.4 (02-08) Golf 1.9 (02-08) Lupo 1.4 (02-08) Polo 1.4/1.9 (02-08) Sharan 1.9 (20-08) Jetta 2.0 (03-) Passat 2.0 (03-) Touran 2.0 (03-) **Seat** Altea 1.9 (05-08) Leon 1.9/2.0 (05-08) Toledo 1.9 (05-08) **Skoda** Octavia II 2.0 (03-06) Fabia 1.4 (03-06)
ENGINE CODE:	**Audi** AMF, ASZ, ATD, AVB, AVF, AWX, AXR, AZV, BHC, BKC, BKD, BKE, BLB, BMN, BNA, BPW, BRB, BRC, BRD, BRE, BRF, BUY, BVA, BVF, BVG **VW** AJM, AMF, ANU, ARL, ASZ, ATD, AUY, AVB, AVF, AWX, AXR, BAY, BMS, BNM, BNZ, BWB **Seat** BJB, BKC, BLS, BMM, BXE **Skoda** AMF, AZV, BKD



CONTENTS :

- A - Crankshaft Locking Tool (Silver / Oval)
- B - Crankshaft Locking Tool (Black / Round)
- C - Camshaft Locking Pins (2 pcs)
- D - Tensioner Pulley Locking Pin
- E - Auxiliary Belt Tensioner Locking Pin



VAUXHALL/OPEL
Petrol Engine Setting & Locking Set



9AT1002E

- The set includes camshaft setting tool and tensioner retaining pin
- Suitable for Vauxhall / Opel & Fiat engine
- Use to lock the camshafts on the correct timing position

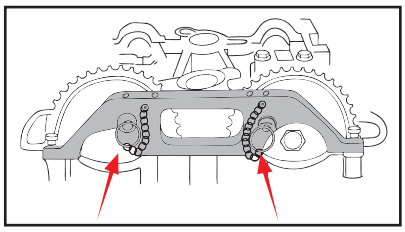
1510.0 | 1 / 10

MODEL:	**Petrol 2.2 16v. Twin Cams(Chain)** Astra-G (00-06) Astra-H (06-09) Speedster / VX220 (00-06) Vectra-B+C (00-08) Signum (03-08) Zafira-A+B (00-09)
ENGINE CODE:	Z22SE, Z22YH

2 PC. | P | CHAIN



CONTENTS :
- A - camshaft setting tool
- B - tensioner retaining pin



VAUXHALL/OPEL
Petrol Engine Setting & Locking Set



9AT1004E

- The set includes camshaft setting plate, crankshaft locking pin, chain tensioner locking pin and also camshaft sensor aligning bracket
- The bracket is used to position the timing sensor disc on the inlet camshaft

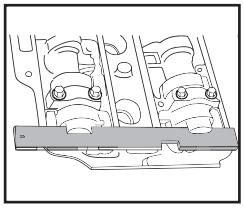
1316.5 | 1 / 10

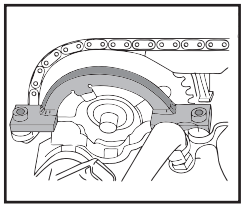
MODEL:	**Petrol 1.0 / 1.2 / 1.4 Twin Cams (Chain)** Agila (00-08), Corsa-B (97-00), Corsa-C (00-07), Corsa-D(06-09), Combo-C (04-07), Tigra-B (04-09), Astra-G (98-06), Astra-H (04-09), Meriva (04-09)
ENGINE CODE:	**Petrol 1.0 / 1.2 / 1.4 Twin Cams (Chain)** **1.0 12v.** X10XE, Z10XE, Z10XEP **1.2 16v.** X12XE, Z12XE, Z12XEP **1.4 16v.** Z14XEL, Z14XEP

4 PC. | P | CHAIN



CONTENTS :
- A - camshaft sensor aligning bracket
- B - crankshaft locking pin
- C - camshaft locking tool
- D - tensioner retaining pin





VAUXHALL/OPEL

Petrol & Diesel Engine Tensioner Adjustement Wrench (Via Water Pump)

9AT1202

- The set includes 41mm and 46mm tension adjust wrench
- Suitable for Vauxhall / Opel and Chevrolet engine

694.4 | 6 / 24

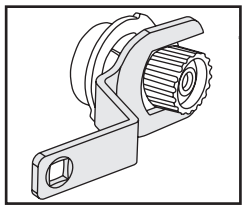
2 PC. | P | D | CHAIN

MODEL:

9AT1202 - A(46MM)
Petrol / 1.8 and 2.0 S.O.H.C
Astra F, Calibra, Frontera C18NZ, C20NE
Diesel / 1.6D and 1.7D
Astra, Cavalier, Vectra 16DA, 17D

9AT1202 - B(41MM)
Petrol / 1.2 / 1.4 / 1.6 S.O.H.C
Corsa B / C , Combo, Astra-F, Vectra-B
C12NE, X12SZ, C14NZ, X14NZ, C14SE
X14SZ, X16SZ, X16SZR, Z16SE





CONTENTS :
- A - tension adjustment wrench (46mm)
- B - tension adjustment wrench (41mm)

VAUXHALL/OPEL

Diesel Engine Setting & Locking Set



9AT2004E

- The set includes flywheel locking pin, camshaft setting tools, tensioner locking pin
- Use to retain timing position only. DO NOT use them to hold camshafts in position while releasing or tightening the sprocket bolt

1100.5 | 1 / 10

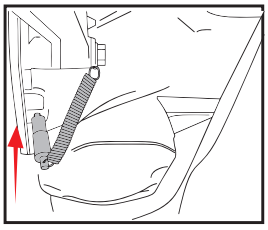
4 PC. | D | CHAIN

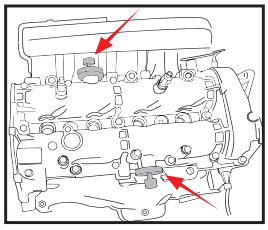
MODEL:
Diesel 1.3D CDTi (Chain)
Agila (03-08), Agila-B (08-09)
Corsa / Combo-C (03-09), Corsa-D (08-09)
Tigra-B(04-09), Meriva (04-09)
Astra-H (05-09)

ENGINE CODE:
Diesel 1.3D CDTi (Chain)
Z13DT, Z13DTH, Z13DTJ



CONTENTS :
- A - camshaft setting tool set (pair)
- B - flywheel locking pin
- C - tensioner retaining pin





VAUXHALL/OPEL
Diesel Engine Setting & Locking Set



9AT2005E

- The set includes crankshaft locking tool, camshaft setting tools(pair) and a tensioner locking pin
- Suitable for Saab, Vauxhall / Opel engine
- Use to set and lock engines timing

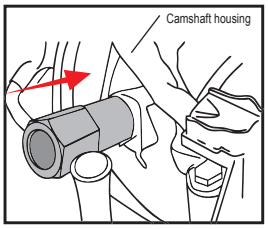
5 PC. | D | BELT

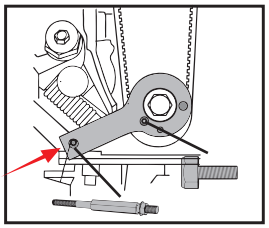
1295.0 g / 1 / 10

MODEL:	**Diesel 1.9D CDTi / 2.0D CDTi(Belt)** Astra-H (04-09), Vectra-C(04-08) Signum (04-08), Zafira-B (05-09) Insignia (08-09)
ENGINE CODE:	**Diesel 1.9D CDTi / 2.0D CDTi(Belt)** **1.9CDTi** Z19DT, Z19DTH, Z19DTJ, Z19DTL **2.0CDTi** A20DT, LBS, A20DT, LBX, A20DT, LBY A20DT, LCD



CONTENTS :
- A&D - crankshaft locking tools
- B - camshaft setting tool (pair)
- C - tensioner locking pin





VAUXHALL/OPEL
Diesel Engine 2.0 / 3.0 Timing Set



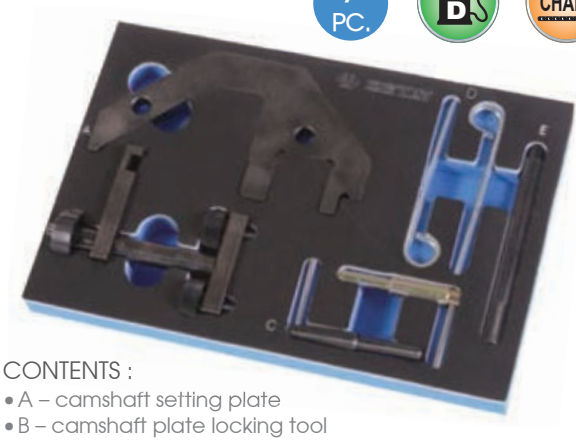
9AT2007E

- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

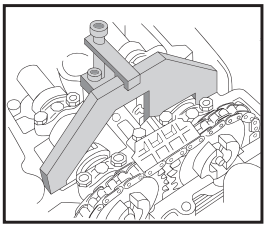
7 PC. | D | CHAIN

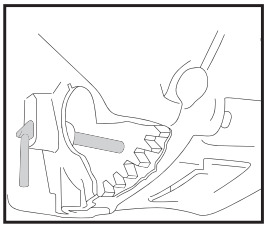
1752.5 g / 1 / 10

MODEL:	**Diesel (Chain)** Omega-B(01-03)
ENGINE CODE:	**Diesel (Chain)** Y25DT



CONTENTS :
- A – camshaft setting plate
- B – camshaft plate locking tool
- C – tdc timing pin
- D – tensioner retaining pin set (pair)
- E – flywheel locking pin





VAUXHALL/OPEL
Diesel Engine Setting & Locking Set



9AT2008E

- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

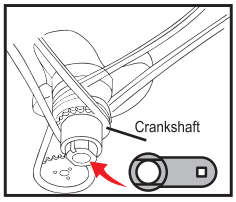
2375.5 / 1 / 5

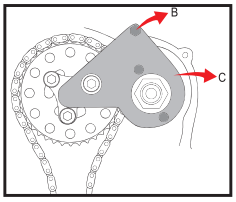
MODEL: Vivaro (07-08)

ENGINE CODE: **M9R** 780/782/784



CONTENTS :
- A&H – camshaft gear alignment tool
- B&C – camshaft setting plate
- D – crankshaft locking pin
- E – auxiliary belt tensioner locking pin
- F – crankshaft pulley holding tool
- G - chain tensioner locking pin





VAUXHALL/OPEL
Diesel Engine 2.5TDS Timing Set



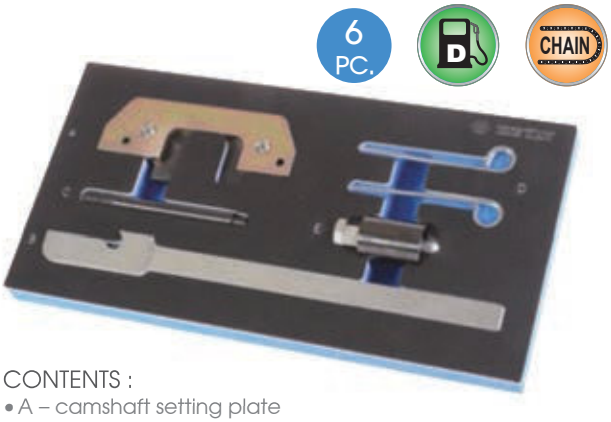
9AT2106E

- The set includes camshaft setting plate , tensioner lever , tensioner retaining pin , flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engines
- Use to retain and support the sprocket and timing chains in position when the pump is removed

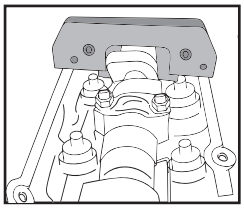
2480.0 / 1 / 5

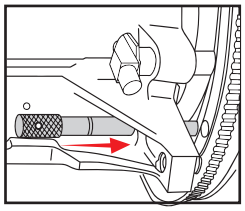
MODEL: Omega-B (94-01)

ENGINE CODE: **2.5D Turbo (Chain)** X25DT



CONTENTS :
- A – camshaft setting plate
- B – tensioner lever
- C – flywheel locking pin
- D – tensioner retaining pin
- E – pump remove & sprocket retainer (2 part)





VAUXHALL/OPEL
Diesel Engine Setting Tool (Belt Drive)

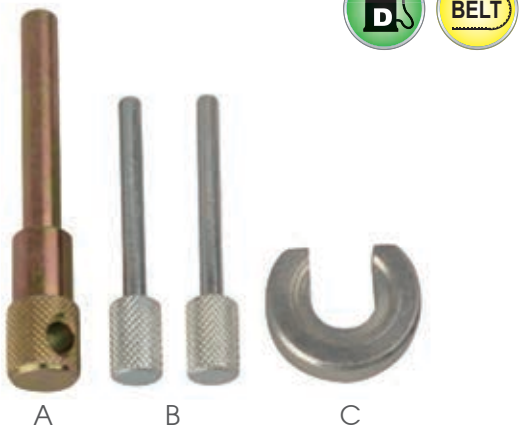
9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel

112.2 | 12 / 120

MODEL:
2.5D / 2.8D
Arena (97-01)
Movano (98-03)

ENGINE CODE:
S8U
770, 772
S9W
700, 702



CONTENTS :
- A – TDC Timing Pin
- B – Flywheel Locking Pin (2pc)
- C – Tensioner Retaining Tool

VAUXHALL/OPEL
Diesel Injection Pump Puller

9AT2-D01

- Specifically designed for holding the sprocket / chain in place when disassembling the VP44 injection pump and high pressure pump
- Common rail fits BMW engines

528.0 | 6 /36

MODEL: Omega - B (01-03)

ENGINE CODE: Y25DT



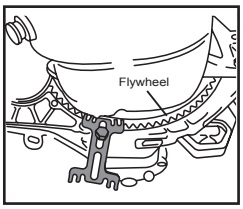
VAUXHALL/OPEL
Petrol Engine Flywheel Holding & Locking Tool

9AT2-E01

- Use to remove the crankshaft pulley while replacing the timing belt
- Put into the teeth firstly, fix steadily on the housing according to manufacturer's guidelines

38.8 / 20 / 100





MODEL:	Astra (86-91) Astra-F + G (91-98) Ascona-C / Cavalier (86-88) Vectra A (89-95)
ENGINE CODE:	16DA, 17D, 17DR, 17DTL

VOLVO
Petrol Engine Timing Locking Set

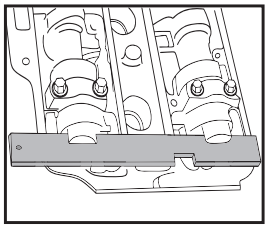


9AT1005E

- The set includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application

1051.0 / 1 / 10





MODEL:	**1.6 / 1.8 / 2.0 16v. Twin Cam (Belt / Chain)** S40 / V50 (04-09) C30 (06-09)
ENGINE CODE:	**1.6 / 1.8 / 2.0 16v. Twin Cam (Belt / Chain)** **1.3 16v** B4164S3(Belt) **1.8 16v** B4184S11(Chain) **2.0 16v** B4204S3(Chain)

CONTENTS :
- A - crank TDC location pin
- B - crank TDC location pin
- C - camshaft setting plate
- D - timing belt tensioner locking pin
- E - crank holding tool (+crank pulley bolt tightening)

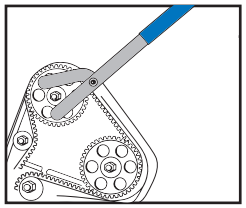
UNIVERSAL
Camshaft & Injection Pump Sprocket Holding Tool

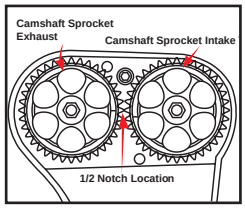
9AT3-A01

- Use to counter hold camshaft or injection pump sprocket to release the retaining bolt
- For universal diesel and petrol engine

911.6 / 6 / 24







UNIVERSAL
Universal Camshaft Pulley Holding Wrench

9AT3-A02

- Use to hold camshaft pulley while loosening and tightening cam sprockets center bolt
- Designed with 4 pair groove pins 7, 10, 14, 16mm
- Adjustable swivel jaw both side application for most engine
- Capacity : 40 ~ 140mm (1-1/2" ~ 8-5/8")
- For universal engine, especially O.H.C. overhead cam engines cars

1000.0 | 1 / 6

9 PC.







Camshaft Sprocket Puller

9AT3-A04 new

- Use to hold and remove the camshaft sprocket without damaging the sprocket
- Use with 3/8" square drive tool or 19mm wrench
- Suitable for most sprockets from Ø60 to Ø100 mm



KT NO.	Capacity mm		
9AT3-A04	60~100	1437	



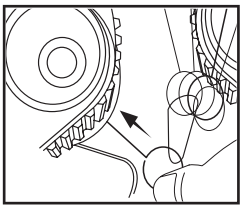
UNIVERSAL
Belt Tensioner Lock Pin Set

9AT3-B01

- Designed for retaining tensioner plunger in fixed position while replacing timing belt
- Suitable for common vehicle and engine

17.2 / 20 / 100





CONTENTS :
- 0.79mm / .0310"
- 1.21mm / .0476"
- 1.41mm / .0560"
- 1.51mm / .0594"
- 1.71mm / .0670"
- 1.92mm / .0760"

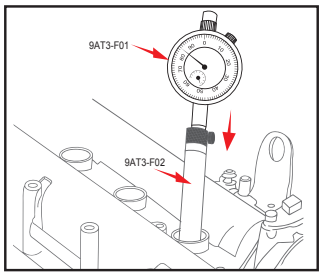
UNIVERSAL
Dial Test Indicator

9AT3-F01

- Use to measure and accurately find the piston TDC position
- This tool has to use with TDC Indicator 9AT3-F02

63.0 / 1 / 100





UNIVERSAL
TDC Indicator

9AT3-F02

- Use to measure if the cylinder piston is at TDC position
- This tool has to use with Dial Test Indicator 9AT3-F01

292.4 / 30 / 30

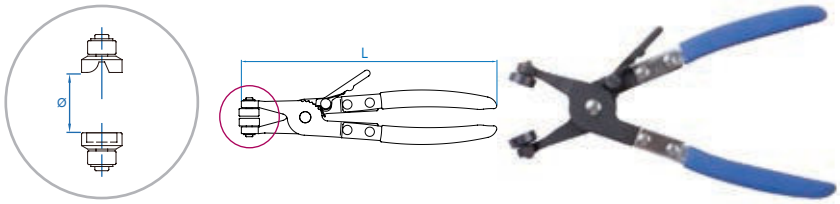


Hose Clamp	KT Item	Suitable Car Brand
 Hose Clamp	 9AA11 9AA13 9AA16 9AA21 9AA31 9AA32	**Universal** VW(Intake), VW, Audi, Opel, Honda, Ford
 Hose Clamp	 9AA17	VW, Audi, Seat, Skoda, Lamborghini
 CLIC Clamp  CLIC-E Clamp  CLIC-R Clamp  CLIC-GR Clamp	 9AA15 9AA25	VW, Audi, Citroen/Peugeot, Fiat, Mercedes-Benz, Opel, Renault, Ford, Volvo
 Screw Clamp  Worm Drive Clamp	 1453-05 / 1453-06 / 1453-07 1453-08 / 1453-10	Universal

Straight Hose Clamp Pliers

9AA11

- Use to remove and install spring clamp
- Swivel V-shaped jaws
- Suitable for universal cars, especially VW, Audi, Opel, Honda, Ford



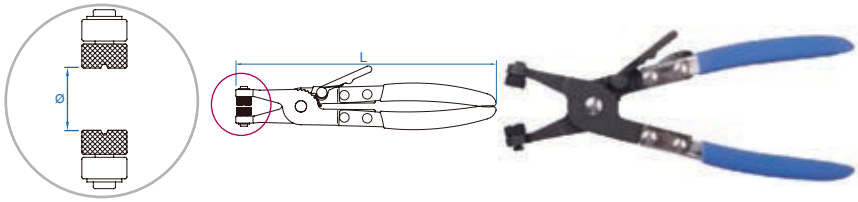


KT NO.	Ø mm	L inch	L mm	g	
9AA11	55	8-21/32	220	220.1	12 / 72

Wire Hose Clamp Pliers

9AA13

- Use to remove and install wire clamp
- Swivel jaws
- Suitable for universal cars, especially Corbin heater hose



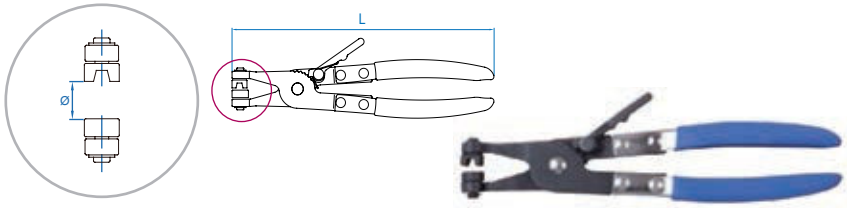


KT NO.	Ø mm	L inch	L mm	g	
9AA13	51	8-21/32	220	238.4	12 / 72

Flat Band Hose Clamp Pliers

9AA16

- Use to remove and install spring clamp
- Swivel concave jaws
- Suitable for universal cars, especially VW, Audi, Opel, Honda, Ford



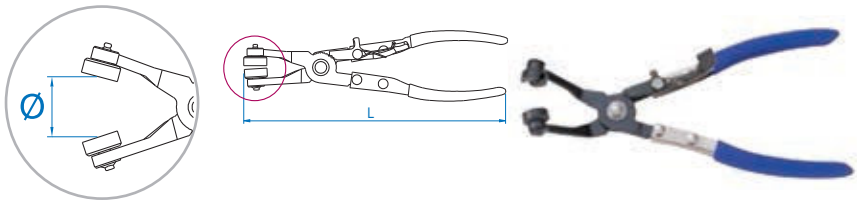


KT NO.	Ø mm	L inch	L mm	g	
9AA16	60	8-21/32	220	213.0	12 / 72

Curved Hose Clamp Pliers

9AA21

- Use to remove and install spring clamp
- 45° swivel concave jaw with greater access in confined spaces
- Suitable for universal cars, especially VW, Audi, Opel, Honda, Ford





KT NO.	Ø mm	L inch	L mm	g	
9AA21	53	8-21/32	220	224.0	12 / 48

Flexible Hose Clamp Pliers

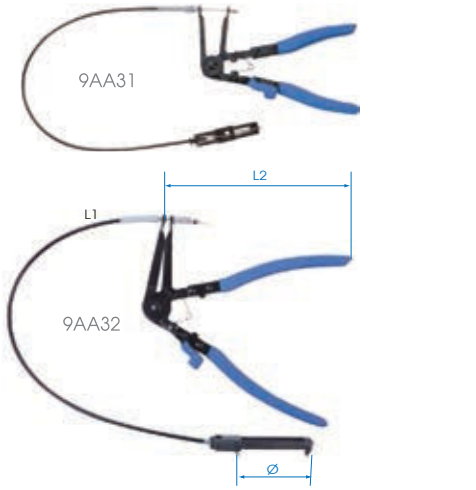
9AA31

9AA32

- Use to remove and install spring clamp
- Flexible flat jaw with greater access in confined spaces
- Suitable for universal cars





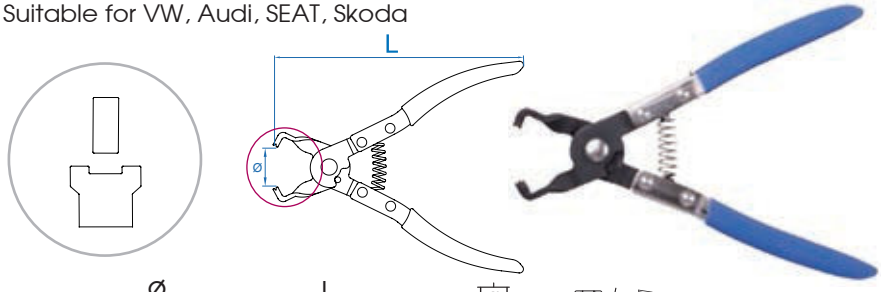


KT NO.	Ø mm	L 1 inch	L 1 mm	L 2 inch	L 2 mm	g	
9AA31	53	25	630	9	225	528.0	12 / 36
9AA32	77	27-1/4	700	12	310	755.6	6 / 24

Fuel Line Hose Clamp Pliers

9AA17

- Use to remove and install fuel line clamp
- Special pick jaws
- Suitable for VW, Audi, SEAT, Skoda





KT NO.	Ø mm	L inch	L mm	g	
9AA17	27	6-3/4	171	188	12 / 60

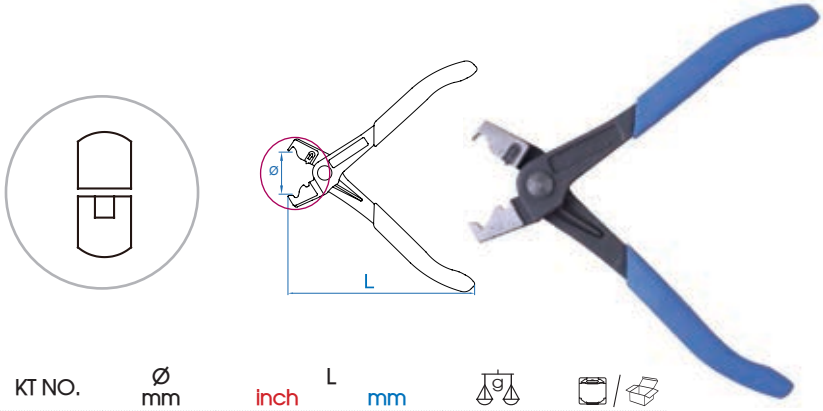
CLIC Hose Clamp Pliers

9AA15

- Use to remove and install CLIC and CLIC-R clamp
- Special-designed jaws
- Suitable for VW, Audi, Opel, Citroen, Peugeot, Fiat, Renault, Mercedes-Benz







KT NO.	Ø mm	L inch	L mm	g	pcs / box
9AA15	36	5-19/32	142	222.6	12 / 72

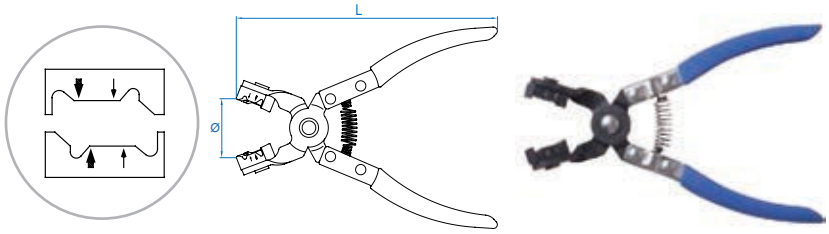
360° CLIC Hose Clamp Pliers

9AA25

- Use to remove and install CLIC and CLIC-R clamp
- 360° swivel angle
- Suitable for VW, Audi, Opel, Citroen, Peugeot, Fiat, Renault, Mercedes-Benz







KT NO.	Ø mm	L inch	L mm	g	pcs / box
9AA25	32	7	175	224.0	12 / 72

Flexible Nut Spinner

1453

- Shank material - chrome vanadium alloy steel
- Grip material - PP + TPR
- Shank finishing - chrome plated
- Use to remove and install hose clamp of common cars, especially for BMW & Audi





KT NO.	mm	mm	mm	mm	g	pcs / box
1453-05	5	9	190	300	136	12 / 144
1453-06	6	9	190	300	135	12 / 144
1453-07	7	9.3	190	300	134	12 / 144
1453-08	8	9.5	190	300	133	12 / 144
1453-10	10	9.5	190	300	132	12 / 144

Hose Clamp Pliers Set

9AA01

- Applicable to most hose clamps of flat band, worm drive and Clic type
- Use for removing and installing common hose clamp type
- The set includes KT items:
  9AA13 - Wire Hose Clamp Pliers
  9AA16 - Flat Band Hose Clamp Pliers
  9AA17 - Fuel Line Pliers
  9AA21 - Curved Hose Clamp Pliers
  9AA25 - 360° CLIC Hose Clamp Pliers
  9AA31 - Flexible Hose Clamp Pliers
  1453 - Flexible Hex Nut-Driver (05,06,07,08,10mm)

3680.0 g / 1 / 5



Fuel Line Pliers

9AB11

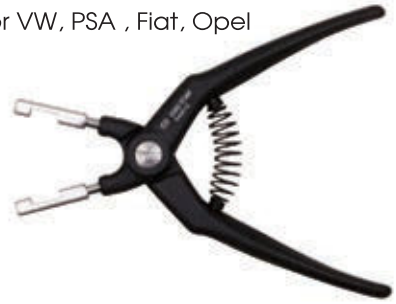
- Improved type can also use for fuel lines with plastic snap-together connectors
- Use for VW-Audi, Fiat, GM, Opel/Vauxhall, Mercedes-Benz



KT NO.	L inch	L mm	g	
9AB11	9	228	312.0	12 / 72

9AB12

- For removal and replacement of the connections on the in-line fuel filter
- Use for VW, PSA , Fiat, Opel

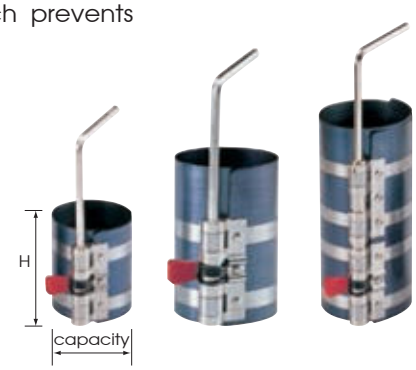


KT NO.	L inch	L mm	g	
9AB12	6	150	87.0	12 / 144

Piston Ring Compressor

9AC

- The square adjustment key wrench forces the rings into the grooves and the clutch prevents it from expanding



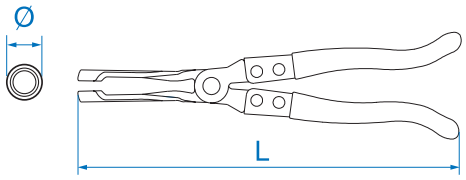


KT NO.	H inch	H mm	Ø Capacity inch	Ø Capacity mm	g	
9AC125-32	3-1/4	80	2-1/4~5	57~125	260.0	20 / 60
9AC125-40	4	100	2-1/4~5	57~125	280.0	20 / 60
9AC175-32	3-1/4	80	3-1/2~7	90~175	300.0	20 / 60
9AC175-40	4	100	3-1/2~7	90~175	320.0	20 / 60
9AC175-66	6-3/4	165	3-1/2~7	90~175	530.0	20 / 60

Valve Stem Seal Pliers

9AD11

- For removing valve stem seals in multi-valves engine
- Jaw longitudinal toothed - avoids slipping down
- For deeply leveled valve stem seals





KT NO.	L inch	L mm	Ø mm		
9AD11	11	275	9.5	400.0	12 / 48

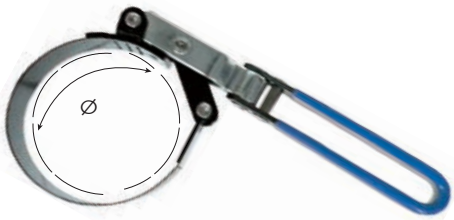
Swivel Oil Filter Wrench

9AE31

- Professional swivel PVC dipped handle
- Easy to bend in different positions for reaching into narrow spaces







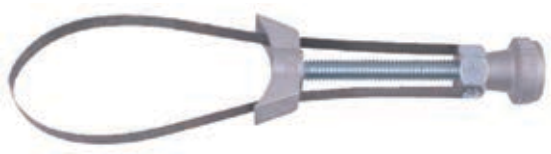
KT NO.	Ø Capacity mm		
9AE31-73	60~73	274.8	6 / 36
9AE31-85	73~85	283.4	6 / 36
9AE31-95	85~95	300.0	6 / 36
9AE31-111	95~111	306.8	6 / 36
9AE31-121	110~121	309.0	6 / 36
9AE31-134	120~134	321.6	6 / 36

Band Type Oil Filter Wrench

9AE32

- Adjustable metal band
- Suitable for filters between Ø65mm to Ø155mm





KT NO.	Ø Capacity mm		
9AE32-110	65~110	246.0	25 / 50
9AE32-155	110~155	251.6	25 / 50

Quick Grip Oil Filter Wrench & Set

9AE33

- Quick-adjustable tightening design
- Band type allows for narrow space
- Non-slip reaction teeth provides better grip
- 9AE33-110: Suitable for 65~110mm oil filters
- 9AE33-155: Suitable for 110~155mm oil filters

KT NO.	Ø Capacity mm	g	
9AE33-110	65~110	305.4	25 / 50
9AE33-155	110~155	311.0	25 / 50







9AE33-110-S



KT NO.	Contents	kg	
9AE33-110-S	9AE33-110	2.70	1 / 2

9AE33-155-S



KT NO.	Contents	kg	
9AE33-155-S	9AE33-155	2.70	1 / 2

Strap Wrench

3203

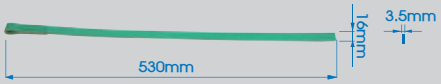
- Strap wrench for oil filter



KT NO.	Capacity mm	Overall length inch	Overall length mm	g	
3203	Ø 60~140	8-3/4	223	242.0	50
3203A0	Ø 60~260	8-3/4	223	300.0	50

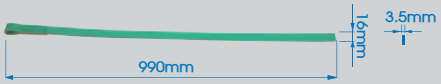


- Strap for 3203



320300 g 46 80

- Strap for 3203A0



320301 g 73 80

Strap Wrench

320670

- Aluminum alloy handle and strong nylon strap for tight grip
- Suitable for oil filter or any polished pipe

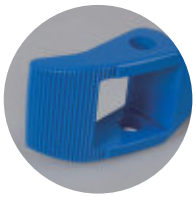
- Nylon strap for 320670



320600 34.6 50







Serrated makes grip tight



KT NO.	Overall length inch	Overall length mm	Capacity mm		
320670	12"	295	Ø 60~180	343.8	50

320760 new

- Strap wrench for oil filter
- Use with 1/2" square drive tool





KT NO.	Overall length inch	Overall length mm	Capacity mm		
320760	11"	280	Ø 60~160	255.5	12 / 72

Chain Wrench

3204

- Chain wrench for oil filter





KT NO.	Capacity mm	Overall length inch	Overall length mm		
3204	Ø 60~140	8-3/4	225	359.0	50

Chain Wrench

3205

- Heavy duty oil filter chain wrench, specially for auto, truck and agricultral equipment
- Flexible in confined space
- Suitable for all types of oil filters





KT NO.	Capacity mm	Chain length mm	g	
320540	Ø 60~105	350	742.0	6 / 24
320560	Ø 60~160	520	880.0	6 / 24



• Adjust to appropriate size of the oil filter.



• Release the chain to reinstate it.

Cup Type Oil Filter Wrench

9AE1 new

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters



KT NO.		g	
9AE1-6414	64mm(2-1/2)-14 flutes TOYOTA 4 Cylinder (1800CC.2000CC) ,ALLION, AURIS, COROLLA AXIO, ISIS, IST, COROLLA RUMION, COROLLA FIELDER, NOAH, PREMIO, PRIUS, VOXY, WISH, etc…	164.2	12 / 72

9AE6 new

- 1/2" square drive
- Withstands up to 115.2 Nm(85 ft.lbs)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters





KT NO.		g	
9AE6-6514A	65mm(2-9/16")- 14 flutes Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc…	-	12 / 72
9AE6-7414	74mm(2-29/32")-14 flutes Audi, Volkswagen, BMW, Citroën, Peugeot, Ford, Fiat, Lancia, Mazda, Mercedes-Benz, Nissan, Vauxhall, Opel, Porsche, Renault, Suzuki, Toyota, etc...	152.8	12 / 72
9AE6-8414	84 mm(3-3/10")-14 flutes Mercedes Benz V6/V8 CDi models, etc…	194.2	12 / 72
9AE6-9915	Hyundai Tucson 2.0	-	12 / 72

Cup Type Oil Filter Wrench Set

9AE2002

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs.)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters





2 PC.

KT NO.	Applicable models	282.0	1 / 40
9AE2-6514	65mm(2-9/16")- 14 flutes Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc…		
9AE2-6567	65 & 67mm(2-9/16" & 2-21/32")–14 flutes Fits same filters as made in Canada including, PH4386, PH4967, PH6017, PH6018, Daihatsu, Toyota, etc…		

9AE2004

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters



4 PC.



KT NO.		571.0	1 / 20
9AE2-6606	66 mm(2-19/32")-6 flutes Fiat (Punto, 1.2), Renault (Clio1.2 Express, Kangoo, Rapid, Twingo), etc…		
9AE2-7608	76mm(3")-8 flutes Fiat (z.B. Marea), Lancia (z.B. Delta), etc…		
9AE2-7614	76mm(3")-14 flutes Fits Champion, Champ Lee, Purolator, Mopar, VW, Porsche, Mercedes-Benz, BMW, Audi (I.B.A3TD) Opel, etc…		
9AE2-9315	93mm(3-21/32")-15 flutes Fits Casite, Champ, Champion, GM, Fram, Hastings, Opel, Mazda, Volvo, Mitsubishi, Purolator, Wix, Nissan, VW, Porsche, Renault, Ford, Honda, Audi, etc…		

9AE6002

- 1/2" square drive
- Withstands up to 115.2 Nm(85 ft.lbs.)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters



2 PC.

KT NO.	Applicable models	282.0	1 / 40
9AE6-6514	65mm(2-9/16")- 14 flutes Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc…		
9AE6-6567	65 & 67mm(2-9/16" & 2-21/32")–14 flutes Fits same filters as made in Canada including, PH4386, PH4967, PH6017, PH6018, Daihatsu, Toyota, etc…		

Cup Type Oil Filter Wrench Set

9AE2016

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs.)
- Coated with electro-black oxide finish for protection against rust
- 1 PC. 1/2"(F)x3/8"(M) adapter
- 1 PC. 3 legged oil filter wrench(63-102mm)



16 PC.





KT NO.		4.0	1 / 5
9AE2-6606	66mm(2-19/32")-6 flutes Fiat(Punto, 1.2), Renault(Clio 1.2 Express, Kangoo. Rapid. Twingo), etc....		
9AE2-7476	74 & 76mm(2-29/32" & 3")-15 flutes Fits Fram, AC, Saturn, Opel, VW, Audi, Mercedes, etc....		
9AE2-7608	76mm(3")-8 flutes Fiat(z.B. Marea), Lancia(z.B. Delta), etc....		
9AE2-7612	76mm(3")-12 flutes Fiat(z.B. Ducato, Scudo, Ulysee),Renault, (Megane, Laguna, Espace III.), etc....		
9AE2-7614	76mm(3")-14 flutes Fits Champion, Champ Lee, Purolator, Mopar, VW, Porsche,Mercedes, BMW, Audi, Toyota, Opel, etc....		
9AE2-8616	86mm(3-3/8")-16 flutes Volvo(S40, S60, S70, S80) etc....		
9AE2-8618	86mm(3-3/8")-18 flutes VW. Golf.(MKIII. Tdi, Passat Tdi), Audi A6 Tdi, Renault(Clio, Rapid 1.9D, Laguna.Safrane. Espace 2.1D). Citroen, Peugeot, Renault, etc..		
9AE2-9210	92mm(3-40/64")-10 flutes Fiat, Cinquecento, Coupe, Croma, DAF, Fiat, Panda. Regata, Ritmo Fiat, Seicento. Tempra, Tipo, Lancia(Beta. Dedra. Kappa. Monte. Carlo. Prisma. Thema. Trevi), etc....		
9AE2-9315	93mm(3-21/32")-15 flutes Fits Casite, Champ, Champion, GM, Fram, Hastings,Purolator, Wix, Nissan, Volvo, Mazda, Audi, VW, Porsche, Renault, etc....		
9AE2-9345	93mm(3-21/32")-45 flutes VW-Audi.(TDi 2.4, 2.6, 2.8L), etc....		
9AE2-9618	96mm(3-3/4")-18 flutes Audi(A4 Tdi, VW Passat,97 Tdi), Renault (Laguna 2.2d. Safrane2.2D. Espace 2.2D. R19 2.2D. Rapid, Megane,1.9/2.1D. Tdi) etc..		
9AE2-10615	106mm(4-11/64")-15 flutes Fiat(Ducato 2.5D. Td), etc....		
9AE2-10815	108mm(4-8/32")-15 flutes Volvo(C70. S70. V70. Tdi. TD)(850 Tdi. TD) etc....		
9AE2-10818	108mm(4-8/32")-18 flutes Renault(Espace, Laguna, Master, Safrane, Traffic 2.4, 2.5, 2.8D. TD), etc....		
9AE423	3 legged oil Filter Tool 63-102mm(2-1/2" to 4")		
9AE221	1/2" drive adaptor 1/2" F x 3/8" M		

Cup Type Oil Filter Wrench Set

9AE6030

- 1/2" square drive
- Withstands up to 115.2 Nm(85 ft.lbs.)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters
- Suitable for 3/8" or 1/2" drive tool







KT NO. 6.67 1 / 3

9AE6-6514	65mm(2-9/16")- 14 flutes Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc…
9AE6-6567	65 & 67mm(2-9/16" & 2-21/32")–14 flutes Fits same filters as made in Canada including, PH4386, PH4967, PH6017, PH6018, Daihatsu, Toyota, etc…
9AE6-6606	66 mm(2-19/32")-6 flutes Fiat (Punto, 1.2), Renault (Clio1.2 Express, Kangoo. Rapid. Twingo), etc…
9AE6-6814	68mm(2-11/16")-14 flutes Fits Hastings, Mazda, Ford Escort, Capri, Subaru, Fran, PH6607 (Those Fram Filters Made in Korea), Motorcraft, FL816, etc…
9AE6-7314	73mm(2-7/8")-14 flutes Fits Toyota/Lexus, etc…
9AE6-7415	74mm(2-29/32")-15 flutes MF, Audi (#056-115-561g), GM. Rover, Chrysler, etc…
9AE6-7476	74 & 76mm(2-29/32" & 3")-15 flutes Fits Fram, AC, Saturn, Opel, VW, Audi, Mercedes, etc…
9AE6-7577	75 & 77mm(2-15/16" & 3-1/32")-15 flutes Fits VW, Audi, Casite, GM/AC, Hastings, Wix, NAPA, Ford, Isuzu, Mercedes, Opel, etc…
9AE6-7608	76mm(3")-8 flutes Fiat (z.B. Marea), Lancia (z.B. Delta), etc…
9AE6-7612	76mm(3")-12 flutes Fiat (z.B. Ducato, Scudo, Ulysee), Renault, (Megane, Laguna, Espace III), etc…
9AE6-7614	76mm(3")-14 flutes Fits Champion, Champ Lee, Purolator, Mopar, VW, Porsche, Mercedes, Benz, BMW, Audi (I.B.A3TD) Opel, etc…
9AE6-7630	76mm(3")-30 flutes Fits Motorcraft only-FL400A, Ford, etc…
9AE6-7815	78mm(3-2/32")-15 flutes Nissan (#15028H8991), Ford, Toyota, Honda (Accord), etc…
9AE6-8015	80mm(3-9/64")-15 flutes Fits Opel, Hastings, Fram, Purolator, Nissan, Honda, Motorcraft, Mazda, Isuzu, Subaru filters.
9AE6-8082	80 & 82mm(3-9/64" & 3-7/32")-15 flutes Fits Wix Filters. Branded for:Mazda,Subaru,Toyota,Honda,Acura,Nissan,NAPA.Etc…
9AE6-8616	86mm(3-3/8")-16 flutes Volvo (S40, S60, S70, S80), etc…
9AE6-8618	86mm(3-3/8")-18 flutes VW. Golf. (MKIII. TDi, Passat TDi), Audi A6 TDi, Renault (Clio, Rapid1.9D, Laguna, Safrane, Espace 2.1D), Citroen, Peugeot, Renault, etc…
9AE6-9015	90mm(3-17/32")-15 flutes Fits Honda (Accord). Mitsubishi. Mopar. Isuzu, etc...
9AE6-9210	92mm(3-40/64")-10 flutes Fiat, Cinquecento, Coupe, Croma, DAF, Fiat, Panda, Regata, Ritmo Fiat, Seicento. Tempra, Tipo, Lancia (Beta. Dedra. Kappa. Monte. Carlo. Prisma. Thema. Trevi), etc…
9AE6-9315	93mm(3-21/32")-15flutes Fits Casite, Champ, Champion, GM, Fram, Hastings, Opel, Mazda, Volvo. Mitsubishi, Purolator, Wix, Nissan, VW, Porsche, Renault, Ford, Honda, Audi, etc…
9AE6-9336	93mm(3-21/32")-36 flutes Fits Ford, Motorcraft only-FL1A, (FLA1B, FL300, FL820 Ford), etc…
9AE6-9345	93mm(3-21/32")-45 flutes VW-Audi, (TDi 2.4, 2.6, 2.8L), etc…
9AE6-9515	95mm(3-6/8")-15 flutes Toyota (#15600-41010) Alfa Romeo, GM, Ford, Chrysler.
9AE6-9618	96mm(3-3/4")-18 flutes Audi (A4.A6, TDi), VW (Passat 97 TDi), Renault (Laguna 2.2D, Safrane2.2D. Espace2.2D.R19 2.2D. Rapid. Megane, 1.9/2.1D.TDi), etc…
9AE6-10015	100mm(3-15/16")-15 flutes Fits Fram, Motorcraft, Wix, Isuzu, Mitsubishi, etc…
9AE6-10615	106mm(4-11/64")-15 flutes Fiat (Ducato 2.5D.Td), etc…
9AE6-10815	108mm(4-8/32")-15 flutes Volvo (C70.S70.V70.TDi.TD) (850 TDi. Turbo Diesel)
9AE6-10818	108mm(4-8/32")-18 flutes Renault (Espace, Laguna, Master, Safrane, Traffic 2.4 , 2.5, 2.8D. TD), etc…
9AE433	3 legged oil Filter Tool 65-120mm (2-9/16" to 4"-23/32")
9AE221	Adaptor 3/8"or 1/2"Drive Tool

Oil Filter Socket Set

9AE8006

- 3/8" square drive
- The set includes sizes 24, 27, 30, 32, 36 and 38mm
- 6 PC. oil filter sockets designed for removal of oil filter canisters and covers







6 PC.

KT NO. | 1.11 | 12 / 24

9AE8-24	Audi BMW: 5 / 7 Series (N62) V8 engines from 2004 onward Cadillac: ATS 36
9AE8-27	BMW, Ford, Fiat, GM, Renault, VAG, PSA Mercedes-Benz: A-CLASS Nissan: 1.5 / 1.9 / 2.2 / 2.5 dCi engines
9AE8-30	Audi, Skoda, Seat, VW
9AE8-32	GM, VAG BMW: 335D, X5 35d(09~10), X5 xDrive 35d(11~13) Opel / Vauxhall: Astra-G, Corsa-B, Zafira
9AE8-36	Audi: A3 2.0(04~08), A4 2.0(04~08) BMW: M52, M54, M60, M62, M70 & M73 engines Ford: Mondeo 2.0D 16V Dura Torq engines, Transit 2.5 & 2.0 diesel engines Jaguar: 2.2D engines Mercedes-Benz: 116MB engine Vito CDi Mini: R56 Opel / Vauxhall: Omega DL 16V, Vectra 2.0, Zafira VAG: VAG 1.9 SDi (ASY), Golf GTI 2.0, Passat 2.0, VR6 Volvo
9AE8-38	BMW, Volvo Opel / Vauxhall: Vectra 2 liter diesel engines





Three-Legs Oil Filter Wrench

9AE42

- The claw-type filter is available for removing all oil filters from 2-1/2" to 4" (63-102mm) in diameter
- Suitable for 3/8" or 1/2" square drive tool
- Coated with electro-black oxide finish for protection against rust
- CW & CCW direction

KT NO.	A inch	B inch	Ø Capacity inch	mm	g	
9AE42	1/2	3/8	2-1/4~4	63~102	395.0	12 / 48
9AE221	1/2	3/8	-	-	39.0	-
9AE423	-	3/8	2-1/2~4	63~102	356.0	12 / 48
9AE433	-	3/8	2-9/16~4-23/32	65~120	501.6	12 / 36





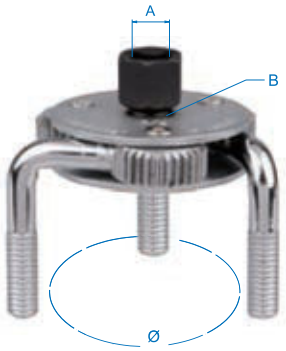


9AE43

- The claw-type filter is available for removing all oil filters from 3" to 4-3/4" (75-120mm) in diameter
- Suitable for 3/8" or 1/2" square drive tool
- Heavy duty design
- CW & CCW direction

KT NO.	A inch	B inch	Ø Capacity inch	mm	g	
9AE43	1/2	3/8	3~4-3/4	75~120	603.5	1 / 36



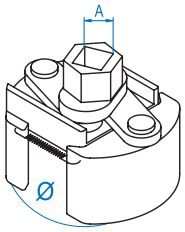


Two Jaws Oil Filter Wrench

9AE52

- The claw-type filter is available for removing all oil filters from 2-3/8" to 3-1/8" (60-80mm) in diameter
- Suitable for useing with 1/2" square drive tool
- Lost wax coating with electro-black oxide finish for protection against rust
- Specially teeth designed steel jaws

KT NO.	A inch	Ø Capacity inch	mm	g	
9AE52	1/2	2-3/8~3-1/8	60~80	470.0	12 / 48





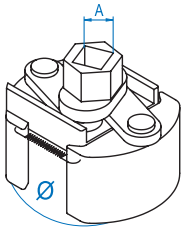




9AE53

- The claw-type filter is available for removing all oil filters from 2-3/8" to 4-1/2" (60-115mm) in diameter
- Suitable for using with 3/8" & 1/2" square drive tool
- Coated with electro-black oxide finish for protection against rust

KT NO.	A inch	Ø Capacity inch	mm	g	
9AE53-80	3/8	2-3/8~3-1/8	60~80	375.0	6 / 36
9AE53-115	1/2	3-1/8~4-1/2	80~115	667.0	6 / 24





Adjustable Oil Filter Pliers

9AE71

- Adjustable sizes from 60 to 140mm
- Serrated jaws



KT NO.	L inch	L mm	Ø Capacity mm	g	pc/box
9AE71-90	9	230	60-90	357.2	12 / 72
9AE71-115	10	260	85-115	400.4	12 / 60
9AE71-140	14-1/2	365	100-140	897.4	1 / 20



Locking Grip Oil Filter Pliers

9AE72 new

- Lock and grip oil filters or any irregular shaped object for quick tightening or removal
- Use for adjusting and fastening at any angle





KT NO.	L inch	L mm	Ø Capacity mm	g	pc/box
9AE72	10	254	53-118	458	12 / 48

Hose Pinch & Set

9AF11

- Adjustable edges ensure no damage to hose
- For hoses from Ø15 mm up to Ø60 mm
- Suitable for clamping radiator, heater, fuel, coolant and brake hoses







KT NO.	L inch	L mm	Ø Capacity mm	g	pc/box
9AF11-15	6-1/8	155	22.4	43.8	12 / 48
9AF11-30	7-9/32	185	35.4	75.6	12 / 48
9AF11-60	10	253	65.2	125.2	12 / 48

9AF113

- Adjustable edges ensure no damage to hose
- For hoses from Ø15 mm up to Ø60 mm
- Suitable for clamping radiator, heater, fuel, coolant and brake hoses

244.4 | 12 / 48

3 PC.



9AF11-60

9AF11-30

9AF11-15

Steel Line Stopper Set

9AF204

- Use to prevent fluid leaks and contamination
- Spring loaded design for stopping the flow of fuel / brake fluid of car pipe
- Capacity :
  Banjo, 5/16"(8mm), 3/8"(9.5mm), and 1/2"(12.7mm)

4 PC.



156 24 / 48






Fuel Gauge & Pump Sender Collar Wrench

9AG11

- Use for removing and fitting fuel gauge sender collars to avoid damage
- 3 jaws to ensure high torque and no risk to damage plastic collar
- Use with 19mm wrench or socket
- Suitable for most collars from 89 to 170mm

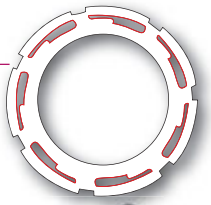




KT NO.	Ø mm		
9AG11	89~170	1050.0	1 / 12

9AG12

- Use for removing and fitting fuel gauge sender collars to avoid damage
- 4 pins to ensure high torque and no risk to damage plastic collar
- Suitable for BMW F01/F02/F25, X3 etc…

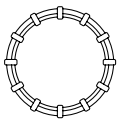

KT NO.		
9AG12	1050.0	1 / 12

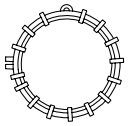
Adjustable Fuel Tank Lid Remover

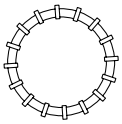
9AG13 new

- Use for removing and fitting fuel gauge sender collars to avoid damage
- Special jaws design, no risk to damage plastic collar
- Use with 3/8" DR.
- Suitable for collars from 122 ~ 199mm

560.0 1 / 24


BMW


BENZ


VW . AUDI
BENZ . BMW



Diesel Injector Extractor Tool

9AN021 new

- Use to remove injectors without dismantling the engine
- Suitable for Bosch injectors in Mercedes-Benz CDI engines 2.1 L and 2.2 L
- Application : Benz for Vito, Sprinter, Viano, C class, E class, CLC, CLK

2 1 / 6



Valve Spring Compressor Set

9AH12 new

- Complete service tool set for OHV & OHC petrol or diesel engines on Audi, Nissan, Toyota, Chrysler, Honda, Mazda, Mitsubishi, Saturn, Lexus, Hyundai, Infiniti, Porsche, Volvo, VW

3.75 1 / 5

10 PC.



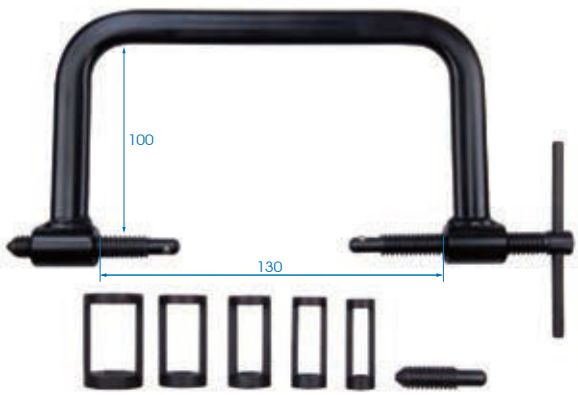


Valve spring compressor set

9AH31 new

- Use for compress of motorcycle or small engines valve spring
- Adapter size : 16mm, 19mm, 23mm, 25mm and 30mm.
- Capacity : 130mm.
- Throth depth : 100mm

1.31 1 / 12



9AH025

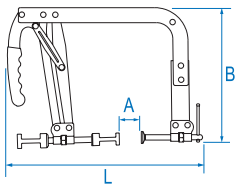
- Suitable for large engines & diesel engines
- Capacity: 35~140mm
- Unique direct action compressor lever gives improved visibility & ease of using in areas of difficult access. Dual size in 25 and 30mm adapter

5 PC.









KT NO.	A mm	B mm	L mm		
9AH025	35~140	280	390	4.56	1 / 5

Valve Lappers

9AH0311 new

- For hand lapping valves

0.1 | 12 / 108

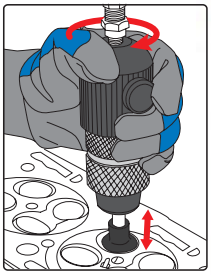


KT NO.	Diameter Cups Size	
9AH0311A	1-1/8" (29mm)	1-3/8" (35mm)
9AH0311B	5/8" (16mm)	13/16" (21mm)

Heavy Duty Air Valve Lapper Set

9AH0321 new

- Design for operating in tough environments
- Adjustable speed regulator for precise control during operation
- Complete with rubber caps of 20mm, 30mm, 35mm and 45mm





5 PC.

KT NO.	Biowes Per Minute mm	Pistone Stroke inch	Pistone Stroke mm	Overall Length inch	Overall Length mm	Air Inlet inch	Air Hose mm	Average Air Consumption Cfm	Average Air Consumption L/min	kg	
9AH0321	5600	1.1	29	9.0	228	1/4	3/8	2.5	71	1.82	1 / 10

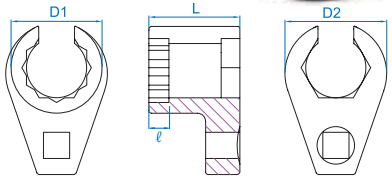
Lambda Oxygen Sensor Socket

9AJ3122 3/8"

- For installing and removing the oxygen sensor
- Offset design for confined areas



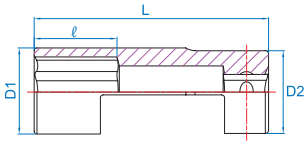




KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
9AJ3122	22	34	38	8	34	178.0	1 / 100

9AJ4322 1/2"

- For lambda probes
- Featuring a slot for the connecting lead







KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
9AJ4322	22	32	30	30	85	294	5/60

Lambda Oxygen Sensor Socket Set

9AJ017

3/8"+1/2"

- 7 PC. special sockets for removal lambda / oxygen sensors
- Suitable for most vehicles : Volkswagen, BMW, PSA, Mercedes-Benz, Ford, etc...

1.80 | 1 / 10

KT NO.	Part.	Size	mm
9AJ4229		1/2"	29
9AJ3322		3/8"	22
9AJ4227		1/2"	27
9AJ3222		3/8"	22
9AJ3127		3/8"	27
9AJ4122		1/2"	22
9AJ3122A		3/8"	22







7 PC.

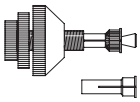
Universal Clutch Aligner Set

9AK11

- Designed to make alignment and assembly of clutch
- Specially designed for those vehicles equipped with late-model front wheel drives without pilot bearing in flywheel

KT NO.	Ø mm		
9AK11	15.5~27	0.6	1 / 20





Ø 23 ~ 27mm



Ø 19 ~ 23mm



Ø 15.5 ~ 20mm



3 PC.

Self Adjusting Clutch Alignment Setting Tool Set

9AK21

- Prevent damage to system and to keep adapter ring in right position
- Necessary for pre-tensioning self adjusting clutches before removal or installation, avoiding clutch deformation
- Prevents plate distortion
- Suitable for most SAC(Self Adjusting Clutches 3 and 4 holes) equipped on vehicles of FIAT GROUP, VW-AUDI, BMW, MERCEDES, VOLVO, OPEL, RENAULT etc

10.75 | 1 / 2







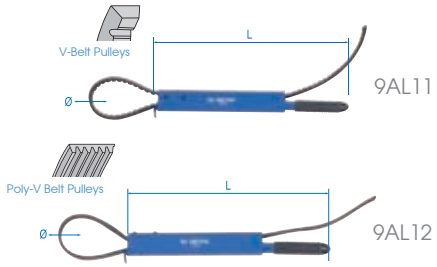
38 PC.

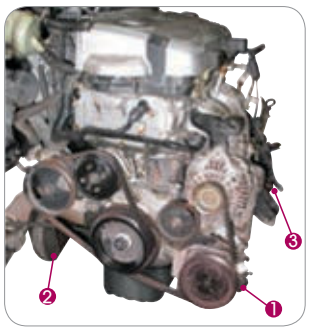
Pulley Removing Wrench

9AL

- To lock the pulley during removing or assembling any type of pulley retaining bolt

KT NO.	L inch	mm	Ø mm		
9AL11	14-3/8	365	40~140	540.0	12 / 36
9AL12	14-3/8	365	40~140	540.0	12 / 36







- Compressors



- Water pump pulley



- Alternator pump pulley



- Oil filter removal & assembly

Universal Cooling Pump and Refiller Tool Set

9AM01

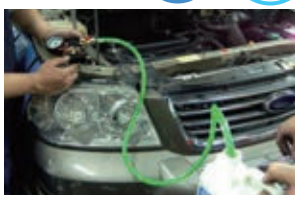
- For testing leakage in radiator system
- Vacuum leakage testing and bubble-free refilling
- Special pick hooks to speed up replacement of pipes
- Quick-release coupling on each connections
- Rubber cones with functional diameter 17~40mm

KT NO.	Type		Kg	
9AM010	Japan		2.68	1 / 5
9AM011	USA		2.68	1 / 5
9AM012	Europe		2.68	1 / 5

CAUTION DO NOT open the radiator cap on a hot engine



7 PC.

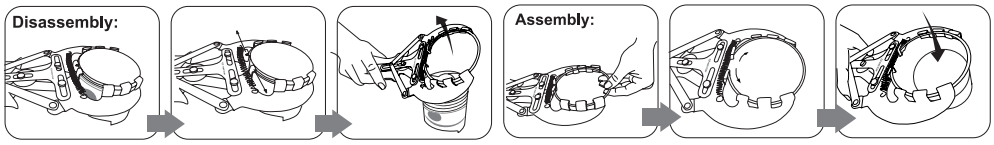




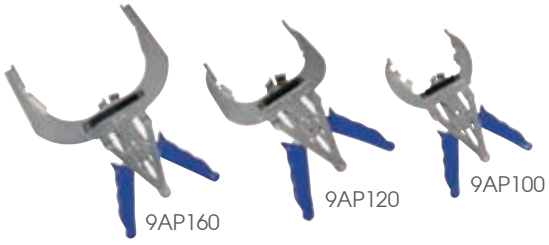
Piston Ring Pliers

9AP

- For removing and mounting piston rings
- Nickel plated



KT NO.	L inch	mm	Ø Capacity mm		
9AP100	8-11/32	212	50~100	323.0	12 / 48
9AP120	8-15/16	227	80~120	354.0	12 / 48
9AP160	9-61/64	253	110~160	458.0	12 / 48



Oil Drain Plug Key Set

9AR11

- Suitable for sump plugs on engine, gearbox and back axle
- Contents:
  Hex key socket: H8, H9, H10, H12, H13, H14, H17 mm
  Square socket: 5/16", 3/8", 7, 8, 10, 11, 12, 13, 14 mm
  Torx socket: T45
  Triangular socket: 10mm
  Spline (TAMPER) socket: M16
  Square drive socket: 10mm
  3/8" drive sliding T-handle

1.70 1 / 10



21 PC.

Diesel Injector Puller Set

9AS11

- The set contains M8, M12, M14, M17 adaptor
- Suitable for various vehicles with Bosch and Lucas type diesel injectors
- Remove stubborn diesel injectors easily and quickly
- New M17 adaptor for GM Vauxhall / Opel injectors X20DTH / Y20DTH series engines

1.11 1 / 20







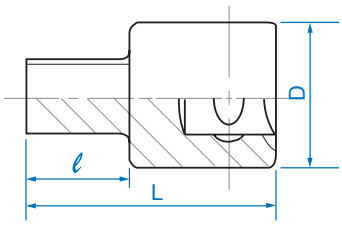
Square Socket

4014M

1/2"

- 4 ball retaining grooves
- Use for oil plug
- Suitable for
  401408M: Peugeot, Nissan, Renault
  401410M: Ford, Peugeot, Mazda





KT NO.	mm	D mm	ℓ mm	L mm		
401408M	RB8.0	23.5	13.5	35	60.0	10 / 200
401409M	RB9.5	23.5	13.5	35	68.0	10 / 200
401410M	RB10.0	23.5	13.5	35	72.0	10 / 200
401411M	RB10.5	23.5	13.5	35	78.0	10 / 200
401412M	RB12.0	23.5	13.5	35	90.0	10 / 200
401413M	RB12.7	23.5	13.5	35	97.0	10 / 200
401414M	RB13.5	23.5	13.5	35	106.0	10 / 200
401419M	RB19.0	25.0	13.5	40	130.0	10 / 160

Double Size "L" Handle

1586

- Material : Chrome vanadium alloy steel
- For oil plug





KT NO.	Overall length inch	Overall length mm	Size inch	Size mm	g	pcs / box
1586-09	9	230	5/16 x 3/8	8 x 10	320.0	6 / 48

1596

- Material : Chrome vanadium alloy steel
- For oil plug

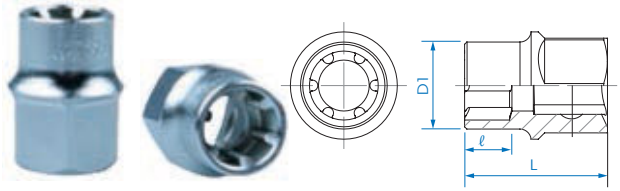


KT NO.	Overall length inch	Overall length mm	Size inch	Size mm	g	pcs / box
1596-09	9	230	3/8 x 3/8	10 x 10	290.0	6 / 48

Ribe Socket M10S

9AW4911 1/2"

- 6 points
- Use for replacing and removing idler pulley center screw on TOYOTA ALTIS



KT NO.	D1 mm	ℓ mm	L mm	g	pcs / box
9AW4911	19	10	33.8	16	10 / 200

Ribe Socket M12S

9AW4901 1/2"

- 6 points
- Use for replacing and removing engine head screw and flywheel center screw on NISSAN models



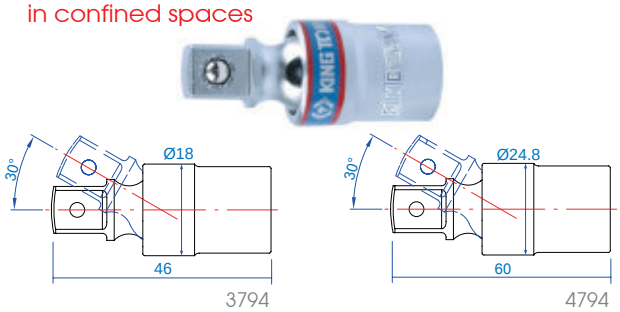
KT NO.	D1 mm	ℓ mm	L mm	g	pcs / box
9AW4901	22	14	38	72.0	10 / 200

Universal Joint

- Material - chrome vanadium alloy steel
- Finishing - polished, chrome plated

3794 4794 3/8" & 1/2"

- 30° rotation
- Short patterned design enables greater access in confined spaces



KT NO.	Drive	L inch	L mm	g	pcs / box
3794	3/8"	1-4/5	46	45.0	15 / 300
4794	1/2"	2-3/8	60	106.0	5 / 180

Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted.
- Total length : 25 mm

1025V 1/4"

- For inside 5-star screw
- Tamper resistant type
- IPR20 for MERCEDES-BENZ Atego and Actros MAZDA 3 1.4 and 1.6
- IPR25 for VW





order unit :one box



Item No.xxxxxxx.B

KT NO.	Size	g	pcs / box
102520V	IPR 20	5.0	20 / 200
102525V	IPR 25	5.0	

Bit Socket

- Socket made from chrome vanadium alloy steel
- Bit made from silicon alloy steel (S2)
- Polished, chrome plated

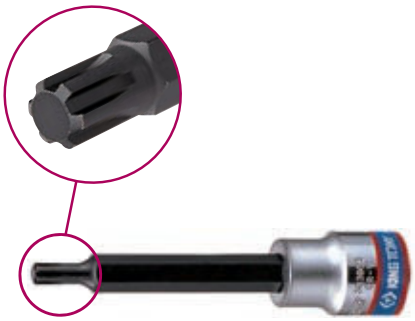
CAUTION

In order to get normal life of bit socket, always use within limited torque of bit.

3039 — 3/8"

- Use for cylinder head bolts
- M8 : Alfa Romeo, Fiat, Lancia
  M9 : VW Passat, Audi, Seat
  M10 : Alfa Romeo, Fiat, Lancia
  M12 : Fiat, Ford
  M13 : Alfa Romeo, Fiat, Lancia
  M14 : Fiat

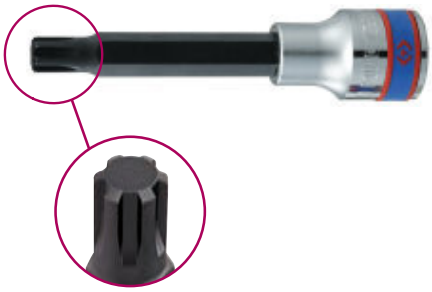
KT NO.	Size	Overall length mm	g	
303908	M8	90	88.0	8 / 160
303909	M9	90	89.0	8 / 160
303910	M10	90	90.0	8 / 160



4049 — 1/2"

- Use for VW, Audi, Fiat cylinder head bolt

KT NO.	Size	Overall length mm	g	
404904	M4	100	94.0	6 / 120
404905	M5	100	95.0	6 / 120
404906	M6	100	96.0	6 / 120
404907	M7	100	97.0	6 / 120
404908	M8	100	98.0	6 / 120
404909	M9	100	100.0	6 / 120
404910	M10	100	106.0	6 / 120
404925	M10.5	100	110.0	6 / 120
404912	M12	100	132.0	6 / 120
404913	M13	100	162.0	6 / 120
404914	M14	100	164.0	6 / 120
404916	M16	100	166.0	6 / 120



4116PR — 1/2"

- Socket rail 180mmL
  - Rail with 6 PC. 1/2" drive clip

6 PC.

Contents		kg 0.38	20
4049	M9, M10, M12, M13, M14, M16		
8740706			



402B — 1/2"

- Spline head
- Temper resistant type
- Use for gear box and oil plug

- Suitable for
  Audi : A3/A4/A6/TT
  VW : Porsche/Gold LT/Passat/Skoda/Ford

KT NO.	Size	Overall Length mm	g	
402B16	M16	66	150.0	10 / 120



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.

404108 4066 1/2"

- Use for cylinder head bolts
  M10 : Ford, VW, Vauxhall/Opel
- M12 : VW, Ford, Mercedes-Benz

KT NO.	Size	Overall length mm	g	
404108	M8.9	100	129.4	6 / 120
406608	M8	140	109.0	6 / 120
406609	M9	140	138.0	6 / 120
406610	M10	140	138.0	6 / 120
406612	M12	140	175.0	6 / 120
406614	M14	140	213.0	6 / 120



404108



4066

Spark Plug Socket

3630 3660 3635 3665 3/8"

3670 new 3675 new 3/8"

- 6 / 12 points
- Size combined- 16.0mm (5/8") - 20.8mm (13/16")
- Inside sleeve - rubber / magnet
- DIN 3120



KT NO.	Type	Size inch	Size mm	D mm	L mm	g	
363016	12 points Rubber	5/8	16.0	21	70	100	10 / 200
366016	12 points Magnet	5/8	16.0	21	70	105	10 / 200
363021	12 points Rubber	13/16	20.8	27.7	70	150	12 / 120
366021	12 points Magnet	13/16	20.8	27.7	70	155	12 / 120
363516	6 points Rubber	5/8	16.0	21	70	100	10 / 200
366516	6 points Magnet	5/8	16.0	21	70	105	10 / 200
363521	6 points Rubber	13/16	20.8	27.7	70	145	12 / 120
366521	6 points Magnet	13/16	20.8	27.7	70	150	12 / 120
new 367014	12 points Metal clip	-	14.0	18.5	63	65	10 / 200
new 367016	12 points Metal clip	5/8	16.0	21.0	70	100	10 / 200
new 367018	12 points Metal clip	-	18.0	23.8	63	97	12 / 120
new 367021	12 points Metal clip	13/16	20.8	27.7	70	178	12 / 120
new 367514	6 points Metal clip	-	14.0	18.5	63	69	10 / 200
new 367516	6 points Metal clip	5/8	16.0	21.0	70	100	10 / 200
new 367518	6 points Metal clip	-	18.0	23.8	63	97	12 / 120
new 367521	6 points Metal clip	13/16	20.8	27.7	70	180	12 / 120



363016 366016



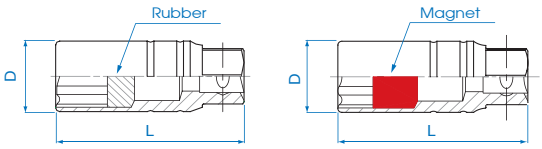
363021 366021



363516 366516



363521 366521

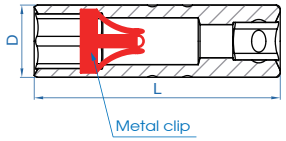




367514

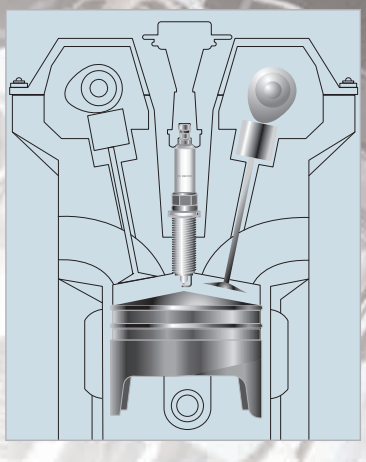


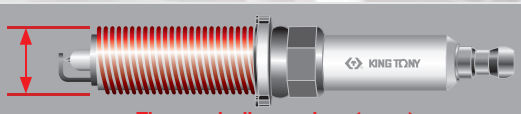
367014



Why spark plugs need torque tightening ?

1. Modern engines cylinder heads are made of aluminium alloy
2. A correct factory-set gaps can provide best performance



Cylinder head material	 Thread diameter (mm)				
	M8	M10	M12	M14	M18
Cast iron	-	10~15 Nm	15~25 Nm	25~35 Nm	35~45 Nm
Aluminium	8~10 Nm	10~12 Nm	15~20 Nm	25~30 Nm	35~40 Nm

•Suggested torque for spark plugs with gasket, always follow factory owner's manual

3/8" Spark Plug Sockets

3/8"	Size (inch)	Size (mm)	Type		Socket L(mm) 63	70	90	250
	9 / 16	14	6 pt	Rubber	36B514			
			12 pt	Rubber	36B014		36C014	36D014
			6 pt	Spring	36A514			
			12 pt	Spring	36A014			
	5 / 8	16	6 pt	Rubber		363516		
			12 pt	Rubber		363016		
			6 pt	Magnet		366516		
			12 pt	Magnet		366016		
	23 / 32	18	12 pt	Rubber	36B018			
			6 pt	Spring	36A518			
			12 pt	Spring	36A018			
	13 / 16	20.8	6 pt	Rubber		363521		
			12 pt	Rubber		363021		
			6 pt	Magnet		366521		
			12 pt	Magnet		366021		

1/2" Spark Plug Sockets

1/2"	Size (inch)	Size (mm)	Type		Socket L(mm) 70
	9 / 16	14	6 pt	Rubber	463514RC
			12 pt	Rubber	463014RC
	5 / 8	16	6 pt	Rubber	463516R
			12 pt	Rubber	463016R
			6 pt	Magnet	466516
			12 pt	Magnet	466016
	23 / 32	18	6 pt	Magnet	
	13 / 16	20.8	6 pt	Rubber	463521R
			12 pt	Rubber	463021R
			6 pt	Magnet	466521
			12 pt	Magnet	466021

Torque Wrench & Accessory



KT NO.	Gear Teeth	Square Drive	Torque Range in. lb. / ft. lb.	Incr.	Torque Range Nm	Incr.
34362-1CG	24	3/8"	30~200 in. lb.	1 in. lb.	4.0~22.0 Nm	0.12 Nm
34362-2CG	32	3/8"	10~80 ft. lb.	0.5 ft. lb.	16.9~105.1 Nm	0.7 Nm

KT NO.	Gear Teeth	Square Drive	Torque Range Nm	Incr.
34362-2DG	32	3/8"	20~100 Nm	0.5 Nm
34362-3DG	32	3/8"	10~60 Nm	0.5 Nm



KT NO.	Square Drive	Torque Range Nm	Torque Range ft. lb.	Total Length kgf.m
34307-1A	3/8"	27~135 Nm	19.9~99.6 ft.lb.	2.75~13.76 kgf.m



KT NO.	Spec.
3814	3/8"Fx1/2"M

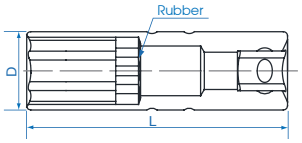
Spark Plug Socket

- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

36B5 — 3/8"

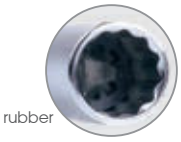
36B0 — 36C0 — 36D0 — 3/8"

- Inside sleeve - rubber
- DIN 3120
- 36C014 & 36D014 are suitable for BMW, Mini, RENAULT Clio / Twingo / Kangoo type, PEUGEOT 206 1.4 16V, CITROEN C5 HPI.






36B514




36B018


36C014


36B014


36D014

KT NO.	Type	Size mm	D mm	L mm	g	
36B514	6 points	14.0	18.5	63	80.3	12 / 192
36B014	12 points	14.0	18.5	63	80.3	12 / 192
36B018	12 points	18.0	24.7	65	106.5	8 / 128
36C014	12 points	14.0	18.5	90	112.8	12 / 144
36D014	12points	14.0	18.5	250	291.4	6 / 54

4630 — 4660 — 4635 — 4665 — 1/2"

- 6 / 12 points
- Size combined
  - 16.0mm (5/8")
  - 20.8mm (13/16")
- Inside sleeve
  - rubber
  - magnet
- DIN 3120
- 14mm use for Toyota Yaris, Vios


463014RC - Thin walled design

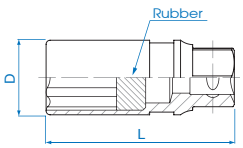

463016R - Thin walled design

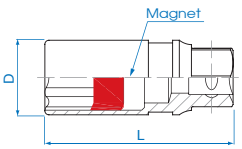

466016 - Thin walled design


463514RC - Thin walled design


463516R - Thin walled design


466516 - Thin walled design






463021R


463521R


466021

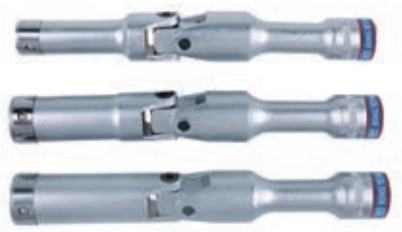

466521

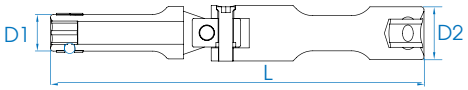
KT NO.	Type	Size inch	Size mm	D mm	L mm	g	
463014RC	12 points Rubber	-	14.0	19.05	70	70.0	12 / 240
463016R	12 points Rubber	5/8	16.0	20.75	70	110.0	10 / 200
466016	12 points Magnet	5/8	16.0	20.75	70	115.0	10 / 200
463514RC	6 points Rubber	-	14.0	19.05	70	70.0	12 / 240
463516R	6 points Rubber	5/8	16.0	20.75	70	110.0	10 / 200
466516	6 points Magnet	5/8	16.0	20.75	70	115.0	10 / 200
463021R	12 points Rubber	13/16	20.8	27.7	70	160.0	12 / 120
466021	12 points Magnet	13/16	20.8	27.7	70	165.0	12 / 120
463521R	6 points Rubber	13/16	20.8	27.7	70	155.0	12 / 120
466521	6 points Magnet	13/16	20.8	27.7	70	160.0	12 / 120

Glow Plug Socket & Set

3785M — 3/8"

- 4 ball retaining grooves
- The socket has a sprung-loaded clip with ball bearing end to stop the glow plug from falling out
- Suitable for the removal of glow plugs in most diesel engines





KT NO.	mm	D1 mm	D2 mm	L mm	g	
378508M	8	13.5	17.8	120	120.0	10 / 100
378509M	9	13.5	17.8	120	127.0	10 / 100
378510M	10	13.5	17.8	120	128.0	10 / 100
378512M	12	17.8	17.8	120	136.0	10 / 100
378514M	14	17.8	17.8	120	142.0	10 / 100
378516M	16	19.8	17.8	120	157.0	10 / 100

3716MR — 3/8"

6 PC.





Contents	kg 1.23		1 / 10
3785M	8, 9, 10, 12, 14, 16		

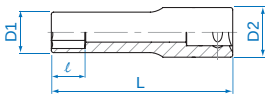
Thin Wall Deep Socket

- Chrome vanadium alloy steel, polished, chrome plated
- 4 ball retaining grooves

3215M — 3/8"

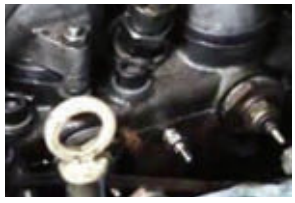
- 6 points
- Metric size
- Thin walled design on square driving side
- Specifically for heat plug, glow plug

CAUTION





Thin walled design (D1)



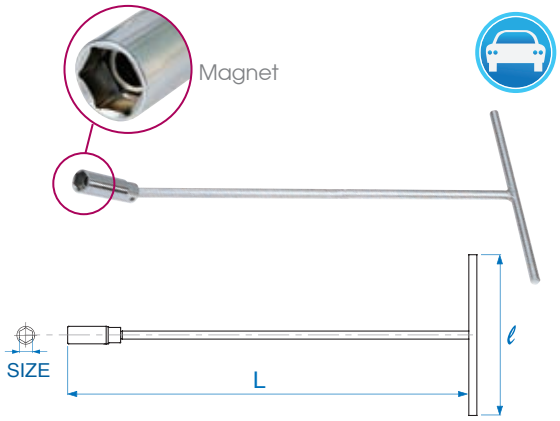
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	
321510M	10	13.0	17.8	12.0	65	65.0	20 / 240
321512M	12	15.0	17.8	15.0	65	57.0	20 / 240

T-type Spark Plug Socket

1566

- Chrome vanadium alloy steel
- With magnet

KT NO.	mm	ℓ mm	L mm	g	
15661612	16	200	300	400.0	10 / 40
15661615	16	200	385	420.0	10 / 40
15661618	16	200	460	460.0	10 / 40
15661818	18	200	460	450.0	10 / 40
15662112	21	200	300	420.0	10 / 40
15662115	21	200	385	460.0	10 / 40
15662118	21	200	460	510.0	10 / 40



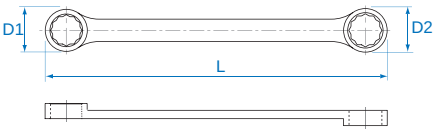
0° Offset Ring Wrench

19B0

- Ideal for crowded or tight spaces
- Ultra-compact ring head
- Chrome vanadium steel
- Metric size - DIN 3113



KT NO.	mm	D1 mm	D2 mm	L mm	g	
19B00810	8 x 10	12.5	15	235	72.0	12 / 240
19B01011	10 x 11	14.3	17	291	95.0	12 / 192
19B01012	10 x 12	14.3	17	291	95.0	12 / 192
19B01113	11 x 13	17.8	20.3	328	157.0	12 / 120
19B01214	12 x 14	17.8	20.3	328	157.0	12 / 120
19B01315	13 x 15	20.2	23.3	368	217.0	12 / 96
19B01417	14 x 17	20.2	23.3	368	217.0	12 / 96
19B01618	16 x 18	23.7	26.6	407	284.0	12 / 72
19B01719	17 x 19	23.7	26.6	407	284.0	12 / 72
19B01921	19 x 21	27.5	29.7	415	376.0	8 / 64
19B02224	22 x 24	31.3	34.0	430	482.0	6 / 48







Bearing Race and Seal Driver Set

9BA11

- Quick and easy to insert bearing race
- Collars fit most standard wheel bearing sizes
- Helps reduce damage to both race and axle housing
- 9 collar sizes:

(1)1.555"/39.5mm (2)1.752"/44.5mm
(3)1.968"/50mm (4)2.322"/59mm
(5)2.480"/63mm (6)2.559"/65mm
(7)2.834"/72mm (8)2.992"/76mm
(9)3.189"/81mm

Kg 1.8 / 1 / 10





10 PC.

Two Sets Pressure Screw Bearing Separator Puller Set

9BA21

- 2 Sets bearing separator & bolts
- Contents:

(1)9BA21P02
Capacity 30mm ~ 50mm
Bolt 3/8" x 24UNF x L125mm

(2)9BA21P01
Capacity 50mm ~ 75mm
Bolt 1/2" x 20UNF x L 135mm

(3)4 PC. Main rod
9BA21P04
Hex bar 14mm 3/8" x L 102mm x 2 pcs

9BA21P06
Hex bar 17mm 1/2" x L 127mm x 2 pcs

(4)4 PC. Extension rod
9BA21P05
Hex bar 14mm 3/8" x L 102mm x 2 pcs

9BA21P07
Hex bar 17mm 1/2" x L 127mm x 2 pcs

(5)1 PC. Beam
(6)1 PC. Central bolt

9BA21P011
Hex 18mm x 9/16" x L175mm

Kg 5.25 / 1 / 2





12 PC.

Pressure Screw Bearing Separator Puller Set

9BA22

- The set includes bearing separator & bolts
- Contents:

(1)9BA22P01
Capacity 75mm ~ 105mm
Bolt 5/8" x 18UNF x L 165mm

(2)2 PC. Main rod
9BA22P02
Hex bar 19mm x M12 & 1/2" x L 255mm

(3)2 PC. Extension rod
9BA22P04
Hex bar 19mm x M12 x L 255mm

(4)1 PC. Beam

(5)1 PC. Central bolt
9BA22P011
Hex 21mm x M18 x L292 mm

(6)1 PC. Nut

Kg 8.95 / 1 / 2





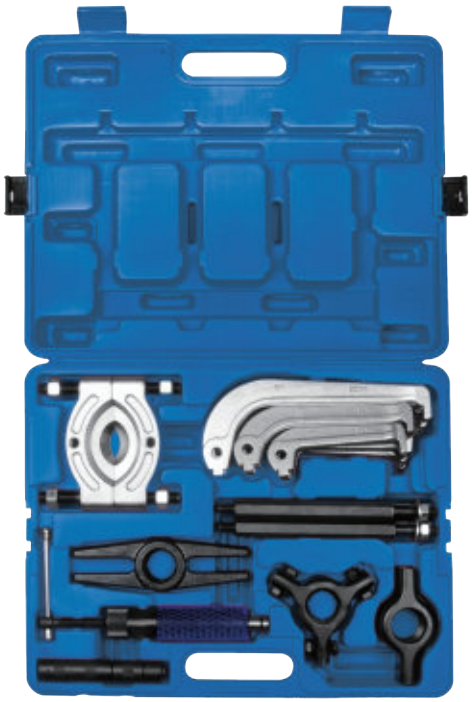
8 PC.

Hydraulic Puller Set

9BA01 new 1/2"

- Includes forged steel bearing separator and gear puller
- Operate up to 10 ton hydraulic pulling power
- Special separator design of the strong back puller allows the puller to be used even in the tightest spaces
- Suitable for industry, automotive and a gricultural machine





1 Set Separator Capacity 75mm ~ 105mm
1 PC. Beam
1 PC. 10T Hydraulic Ram
1 PC. Tripe Head
1 PC. Twin Head
1PC. Ram Part
1 PC. Centre Adapter
1 PC. 1"x 2" Extension Rod
1 PC. 1"x 4" Extension Rod
2 PC. Main Rod Hex bar 19mm x M12 & 1/2" x L255mm
2 PC. Extension RodHex bar 19mm x M12 x L255mm
3 PC. 4" Leg
3 PC. 6" Leg
3 PC. 8" Leg

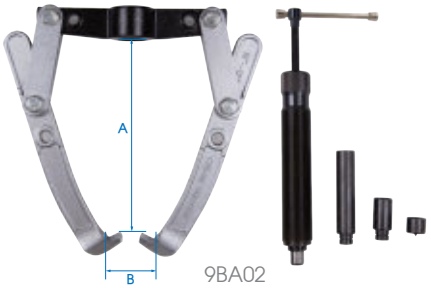
17 kg | 1 / 1



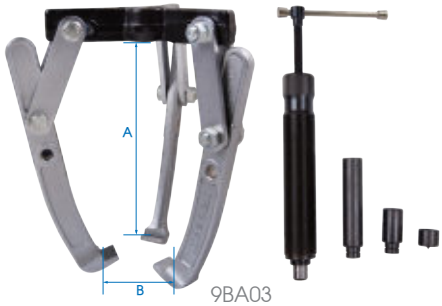
Hydraulic Mechanical Pullers

9BA new

- Quick and safe removal particularly large and tight gears, bearings, etc…
- Two and three jaws type, use for different space



9BA02



9BA03

KT NO.	Capacity (Tons)	Jaws (leg)	Spread A(mm)	Reach B(mm)	kg	
9BA02	15T	2	320	500	11.3	1 / 1
9BA03	15T	3	320	500	16.5	1 / 1

Universal Bearing Puller Set

9BA31

- Easy and fast removing ball bearing by using the puller
- Select proper tips by ball diameter

CONTENTS :

- 1 PC. Puller yoke and center screw
- 1 PC. Top Nut
- 2 PC. Extension rod x L 105mm
  Ball ended threaded adapter
- 2 PC. 5.5mm / 2 PC. 6.0mm / 2 PC. 8.0mm

10 PC.

1.33 / 1 / 12



9BA32

- Easy and fast removing ball bearing by using the puller
- Select proper tips by ball diameter

CONTENTS :

- 1 PC. Puller yoke and center screw
- 1 PC. Top Nut
- 2 PC. Extension rod x L 100mm
  Ball ended threaded adapter
- 2 PC. 11.0mm / 2 PC. 12.5mm / 2 PC. 15.0mm

10 PC.

2.0 / 1 / 12



9BA33

- Easy and fast removing ball bearing by using the puller
- Select proper tips by ball diameter

CONTENTS :

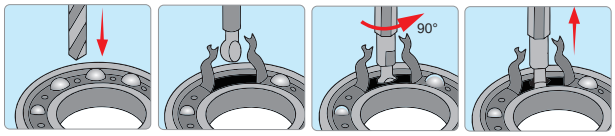
- 1 PC. Puller yoke and center screw
- 1 PC. Top Nut
- 2 PC. Extension rod x L 170mm
  Ball ended threaded adapter :
- 2 PC. 15.0mm / 2 PC. 17.4mm
- 2 PC. 20.0mm / 2 PC. 25.2mm
- 2 PC. 30.0mm / 2 PC. 36.4mm

16 PC.

8.0 / 1 / 3







Universal Bearing Ring Puller

9BA41

- Three jaws with the thin edge provide an equal grip tension to avoid any slide or tilt
- Suitable for all kind of bearing and sleeves diameter up to 125mm
- Applicable: For universal vihicles

KT NO.	Ø Capacity mm	Kg	
9BA41	10~125mm	3.6	1 / 4



• Adjustable slide knob for quick control locking





Hose Clamp	KT Item	Suitable Car Brand
 CV Boot Clamp	 9BB11	VW, Audi, BMW, Ford, GM, Opel, Nissan, Mercedes-Benz, Mazda, Honda, Chrysler, Citroen, Seat
	 9BB12	
 Ear Clamp	 9BB13	
 CV Boot Clamp	 9BB31	Univresal

Ear Hose Clamp Pliers

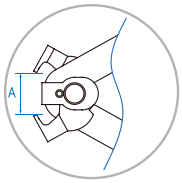
9BB11

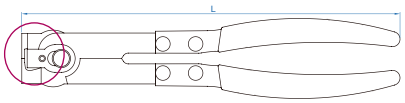
- Use to remove and install ear clamp
- Special hook jaw easy to hold clamp in position
- Suitable for CV joint boot, vacuum lines, and cooling system





KT NO.	L inch	L mm	A max mm	g	
9BB11	10	260	22.5	364.4	12 / 48





CV Boot Clamp Pliers

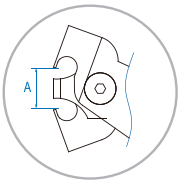
9BB12

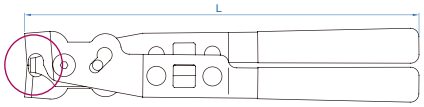
- Use to remove and install stainless CV boot clamp
- Can be used with 1/2" flexible handle bar or torque wrench
- Suitable for Audi, Opel, Citroen, SEAT, BMW, Mercedes-Benz, Honda, Nissan, Mazda, Ford, GM, Chrysler





KT NO.	L inch	L mm	A max mm	g	
9BB12	9-1/2	235	12	512.4	6 / 36





CV Boot Clamp Pliers with Socket

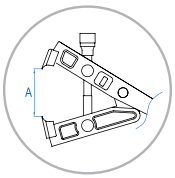
9BB13

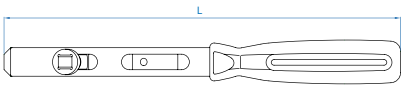
- Use to remove and install stainless CV boot clamp
- Can be used with 3/8" flexible handle bar or torque wrench
- Suitable for Audi, Opel, Citroen, SEAT, BMW, Mercedes-Benz, Honda, Nissan, Mazda, Ford, GM, Chrysler





KT NO.	L inch	L mm	A max mm	g	
9BB13	11	278	45	887.8	6 / 24





CV Boot Clamp Installer

9BB31

- Use to cut and install clamp with built-in cutting arm
- Includes locking device and ratchet function
- Suitable for general vehicle types

Lock

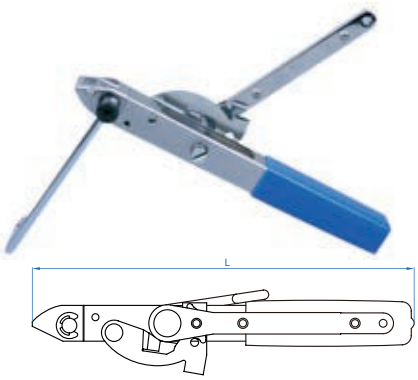


Cut



KT NO.	L inch	L mm	g	
9BB31	6-1/2	124	346.8	12 / 36





Exhaust Pipe Hanger

9BP11

- Use to remove rubber holders from exhaust brackets
- Suitable for general vehicle types

KT NO.	L inch	L mm	A max mm	g	
9BP11	10	250	60	338.6	12 / 36



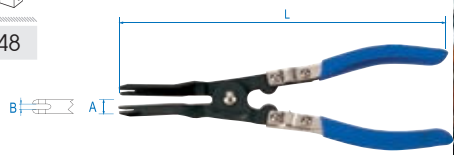


Handbrake Cable Pliers

9BC11

- For hand brake cable removal and replacing
- Suitable for Audi, Bmw, Citroen, Nissan, Peugeot, Seat, Renault, Rover, etc

KT NO.	L inch	L mm	A max mm	B mm	g	
9BC11	9	230	60	5	198.0	12 / 48





Drum Brake Spring Pliers

9BC121

9BC122

- Designed to remove and replace brake retaining spring on drum brakes





KT NO.	L inch	L mm	g	
9BC121	8-1/2	215	230.0	12 / 72
9BC122	12-1/2	320	426.0	12 / 36



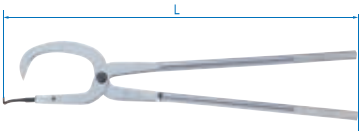


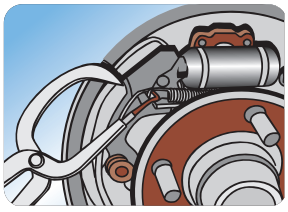
HGV Drum Brake Spring Pliers

9BC124

- Designed to remove and replace brake retaining spring on drum brakes
- Extra strong version for HGV air or hydraulic drum brakes

KT NO.	L inch	L mm	kg	
9BC124	20-5/8	525	1.25	3 / 6





Disc Brake Piston Separator

9BC21

- Heavy duty drop forged construction
- Fits in brake caliper to push back pistons for new brake pads installation





KT NO.	Max capacity inch	mm	Kg	
9BC21	2-7/8	75	1.13	1 / 20

Universal Disc Brake Wind-Back Tool Set

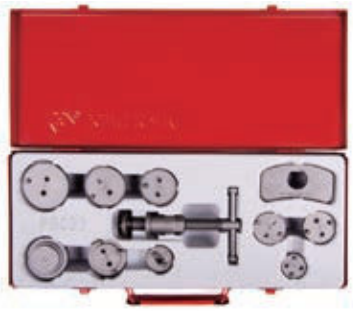
9BC22

11 PC.

- Magnetic socket adapter
- Including 9 adapters for brake assemblage
- For rotating pistons back into caliper to provide clearance for new pads
- Prevents damage to the piston and boot
- Suitable for V.W.-audi, Ford, Nissan, Alfa romeo, Rover, Saab, Subaru, Toyota, Jaguar, and most of the general motors



Kg 3.00 1 / 6



Universal Disc Brake Wind-Back Tool Set

9BC23

31 PC.

- For rotating pistons back into caliper to provide clearance for new pads
- Prevents damage to the piston and boot
- Suitable for Bmw, Ford, Vw, Audi, Porsche, Saab, Opel, Volvo, Jaguar, Citroen, Peugeot, Renault, Lauxhall, Lancia, Alfa romeo, Fiat, Nissan, Honda, Subaru, Toyota, Mitsubishi
- Contents:
  21 PC. Adapters for brake assemblage
  3 PC. Backing pads
  2 PC. Rotating caliper with 3/8"DR (right/left side threaded)
  2 PC. Hex key: 7, 8mm
  2 PC. Pin punch : Ø 5.5, 6mm
  1 PC. 3/8"DR x 12mm hex key socket



Kg 4.76 1 / 4





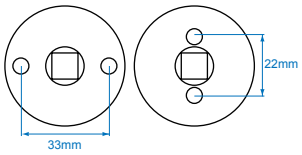




Brake Caliper Piston Tool

9BC24A new

- For rotating pistons back into caliper to provide clearance for new pads
- Fast and easy to use, prevents damage to the piston and boot
- Fits most European and Japanest vehicles



KT NO.	Capacity A(mm)	B(mm)	g	
9BC24A	22	33	700	5 / 30



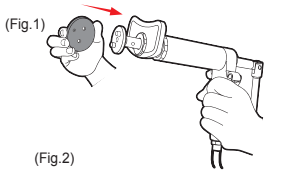
Pneumatic Disc Brake Wind-back Tool Set

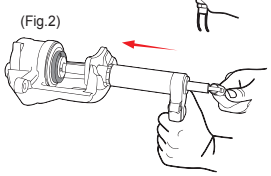
9BC25

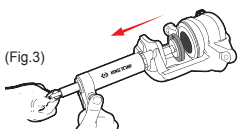
- Air operated ram applies pressure to caliper piston, while the handle is rotated by hand
- Easy to use- works on standard workshop air supply
- Reversible- works on both RH and LH applications
- Can be used on wind back and push back piston
- Supplied with adaptor, which covers a wide range of popular vehicles
- Full range of additional specialist adaptors available
- Suitable for Mercedes-Benz, Bmw, Audi, Vw, Opel, Volvo, Jaguar, Citroen, Fiat, Peugeot, Alfa romeo, Saab, Lancia, Toyota, Honda, Nissan, Mitsubishi, Isuzu, Mazda, Subaru, Gm, Ford, Rover

Kg 3.20 1 / 5

18 PC.







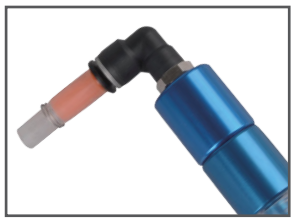


Brake Bleeder Valve Collection Bottle

9BC31

- Easy to operate and inspect the brake bleeder valve by one person
- Capacity : 800 ml
- Use for separating the air in the brake oil and replace the brake fluid

g 280 1 / 4





CAUTION

Always keep the tool clean after using

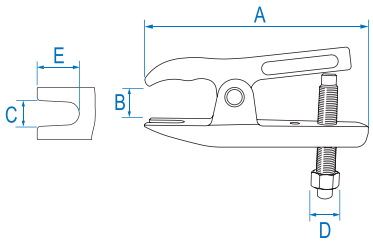


Ball Joint Extractor

9BE11

- Drop forged steel body



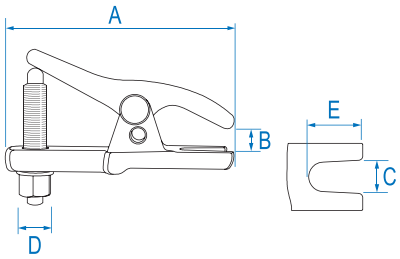


KT NO.	A mm	B(mm) Max	B(mm) Min	C mm	D mm	E mm	Kg	
9BE11	160	50	12	19	19	25	1.08	1 / 12

9BE21

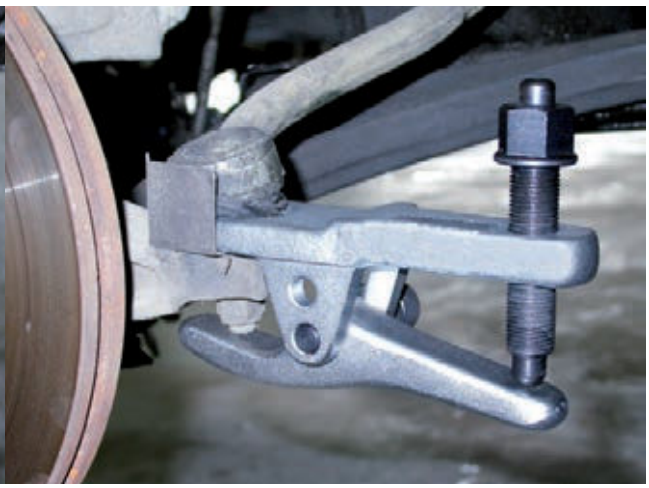
- Special design 2 stage operation, suits most cars and light trucks ball joints in steering & suspension
- Suitable for most European and Japancese vehicles





KT NO.	A mm	B(mm) Max	B(mm) Min	C mm	D mm	E mm	Kg	
9BE21	160	50	12	20	22	32	1.27	1 / 12





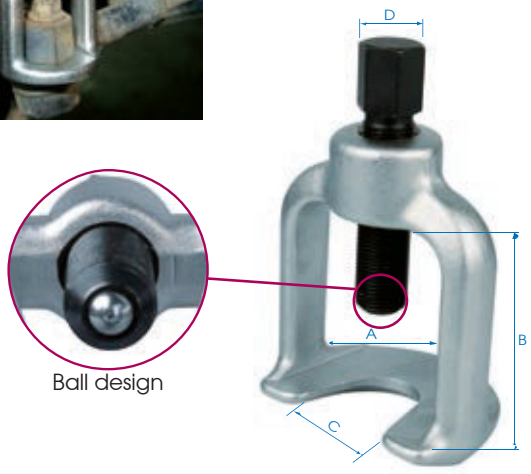
Ball Joint Extractor

9BE4

- For quick and easy separation of ball joint pivots of pitman arms, steering tie rods, ball joints, etc
- Suitable for general trucks and vehicles
- For better safety operation & avoid damage

KT NO.	A mm	B mm	C mm	D mm	g	
9BE41	36	40	18	17	363.9	1 / 36
9BE42	46	48	23	17	558.3	1 / 36
9BE43	62	62	29	19	925.0	1 / 12
9BE44	64	76	40	24	1658.3	1 / 12
9BE45	77	100	46	24	1858.3	1 / 12





Ball design

Impact Ball Joint Separator

9HBE4

- For quick separation of ball joint for heavy goods vehicle
- Extra deep design for tight space
- Use with impact tools







KT NO.	A mm	B mm	Kg	
9HBE4-30	30	95	2.32	1 / 6
9HBE4-39	39	95	2.32	1 / 6
9HBE4-47	47	95	2.32	1 / 6

KT NO.	A mm	B mm	Kg	
9HBE4-58	58	120	4.20	1 / 6
9HBE4-62	62	120	4.20	1 / 6
9HBE4-67	67	120	4.20	1 / 6

Heavy Goods Vehicle Ball Joint Separator

Size (mm)	Application
30	BMW (E39), Benz(W203/W210/W211/W220/W221), Mitsubishi Delica, Canter, Toyota Dyna etc…
39	"4 tons and European truck: Scania, Benz, MAN 414 drag link and Hino etc..."
47	"8.8 tons~10.5 tons truck: Hino, Isuzu, Nissan, UD,Fuso etc..."
58	Scania etc…
62	"15 tons~35 tons: Hino, Isuzu, Nissan, Fuso truck and bus etc…"
67	MAN(FE410A) etc…





Hydraulic HGV Ball Joint Separator & Set

9HBE81

- Use for separating ball joint for heavy goods vehicles
- Design for operating manually or by 12 tons hydraulic ram
- Strengthen fork and lever for greater force to be applied

7.0 kg | 1 / 2

	capacity
Jaw opening	70mm
Jaw width	36mm



9HBE083

- Use for separating ball joint for heavy goods vehicles
- Design for operating manually or by 12 tons hydraulic ram
- Interchangeable jaws width : 30 / 34 / 40mm

8.5 kg | 1 / 2



Jaw Opening size : 30, 34, 40 mm









Inner Tie Rod Tool

9BE52

- Removes and replaces the axial joint
- Hex part on the end of tool: works with 27 mm wrench or 1/2" DR. ratchet

KT NO.	L inch	L mm	Ø Capacity mm	kg	
9BE52	15-3/4	400	35~45	2.14	1 / 10





Multi-Purpose Inner Tie Rod Tool

9BE62 9BE63

- Use for replace inner tie rod ends without removing the rack and pinion
- Internal serrated design to make grip tight
- Use with ratchets and extensions by 1/2" sq drive
- Suitable for most vehicles & trucks







KT NO.	L inch	L mm	Ø Capacity mm	kg	
9BE62	3-1/4	81.50	33~42	370.2	20
9BE63	3-7/16	87.56	42~50	403.6	20

Universal Adjustable Wheel Bearing Lock Nut Wrench

9HBN01

- For disassemble and assemble vario nut and cap
- Extra slim design suitable to reach narrow space for special nut
- Use with 3/4" square drive tools and suggest to lock by torque wrench
- Application for 6PT, 8PT and round nut
- Adjustable open jaw 50~150mm

Contents:
3 pairs round adapter for round nut: 6mm, 8mm ,10mm
3 pairs square adapter for round nut: 1/4", 5/16", 3/8"

3.68 1 / 5



Drop Forged Coil Spring Compressor Set

9BF11 9BF21

- Drop forged SCM435 jaws & leaded screws
- Both 21mm 6-point sockets and 1/2" wrench are available
- Suitable for limited space under wheel arch

6 PC.





KT NO.	L mm	⬡	⬢ mm	Kg	
9BF11	85 / 370	1/2"	21	3.51	1 / 6
9BF21	85 / 270	1/2"	21	3.36	1 / 6



9BF11



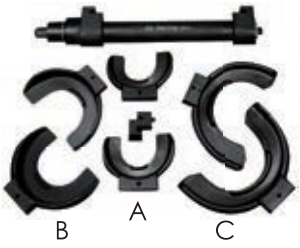
9BF21

Coil Spring Compressor Set

9BF31

- Developed for "Macpherson" suspensions, using a range of 3 sets interchangeable monobloc forks
- Spring specification / use:
  A:Ø80~115mm
  B:Ø110~150mm
  C:Ø140~195mm
- Suitable for : BMW, Ford, VW, Audi, Porsche, Saab, Opel, Volvo, Nissan, Honda, Mitsubishi, Subaru, Toyota

8 PC.









KT NO.	L mm	Capacity mm	Kg	
9BF31	460	40~300	15.00	1 / 1

Steering Wheel Puller Set

9BG11

18 PC.

- Easy to remove and install steering wheel for cars and trucks
- 2 sets 17mm hex head puller with pointed and flat cups
- 4 sets side bolts
- Small plate Dia.:
  1"~3-11/16" 25~95mm
- Large plate Dia.:
  1-1/8"~5" 28~125mm
- Side bolts size:
  3 PC. 5/16" UNC x 3-1/2" lon g puller bolts
  3 PC. 5/16" UNF x 3" long puller bolts
  3 PC. 3/8" UNC x 3" long puller bolts
  3 PC. 3/8" UNF x 3" long puller bolts

4.10 / 1 / 6





Multi-Steering Knuckle Spreader Tool Set

9BJ11

15 PC.

- Used to spread the steering knuckle to enable the removal and fitting of shock absorbers without the risk of damaging the aluminum or cast iron knuckle
- The tool is adjustable and suitable for steering knuckles with either a centralized slot or a non centralized slot
- Wide range of vehicle applications
- Designed for twin ball joints as fitted to Audi and VW control arms
- Suitable for strut clamping bores on Audi, VW, BMW, Ford, Peugeot, Citroen, Renault, Seat, Skoda

1.05 / 1 / 12









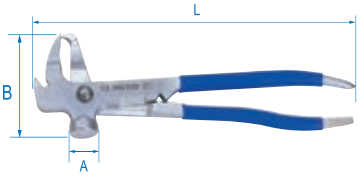
Wheel Balancing Weight Tool

9BK11

- Ideal for fitting and removing wheel balance weights

KT NO.	L inch	L mm	A mm	B mm	g	
9BK11	10	250	22	86	420.0	10 / 50

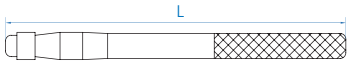




Wheel Stud Alignment Guide Tool Set

9BK2008

- Easy to remove and install wheels with lug bolts
- 4 pairs of metric threaded pin allow to hang wheel safety
- Suitable for BMW, Mercedes, Renault, VW, Audi...



KT NO.	L mm	g
9BK2008	150	990







8 PC.

CONTENTS :
- 2PC. M12 x 1.25
- 2PC. M12 x 1.5
- 2PC. M14 x 1.25
- 2PC. M14 x 1.5

Tire Valve Installer

9BK31

- Use for replacement and fitting tire valves
- Composite body prevents damage onto alloy wheel
- 180 degree pivoting head
- 310mm plastic handle





- For removal & installing valve cores

9BK32



9BK31

118.0 / 12 / 144



9BK32

353.0 / 6 / 48

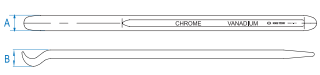


Tire Lever

9BK41

- Straight pattern with profiled shank







KT NO.	L inch	L mm	A mm	B mm	g	
9BK41-20	8	200	21.6	11	104.4	10 / 50
9BK41-28	11	280	22.7	13.5	239.4	10 / 50
9BK41-38	15	380	24.5	13.5	358.0	10 / 50
9BK41-53	21	530	28	12	928.0	10 / 20

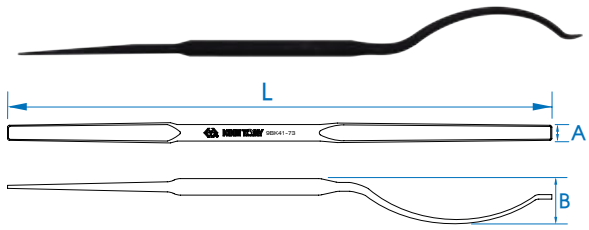


Tire Lever

9BK41-73

- To install and remove the tire from wheel rim
- Precision forged with greater leverage design
- Special design for 17" to 22.5" tire

KT NO.	L inch	L mm	A (mm)	B (mm)	g	
9BK41-73	28-3/4	730	22	64.4	1618	1 / 10



TPMS Torque Assist Tool Set



9BK51

- Use to install/change TPMS sensor and tyre valve
- Rotary slide bar design avoids tightening with overloaded torque
- Torque screwdriver with ±5% tolerance
- Quality meets DIN ISO 6789 & ASME B107.300-2010

CAUTION
Correct instruction should take the manual as reference

11 PC.



• Contents:

2033
1/4"DR x T10, T15, T20 torx bit socket
2235M
1/4"DR x 11, 12, 13mm deep socket
2221-02
1/4"DR x 2" extension bar
2752-45G
1/4"DR. T handle swivel head reversible ratchet
34101-040M
Valve core torque tool (0.45N.m)
341214M
1/4"DR. Preset torque T-DRIVER (1.4 N.m)
34211-3DG
1/4"DR. Torque Screwdriver (4~9 N.m)

Kg 1.53 1 / 10

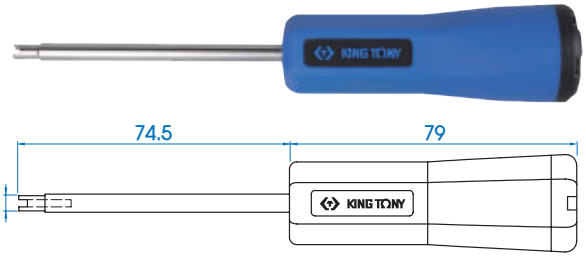
Tire Valve Core Remover / Installer Torque Screwdriver

34101-040M

- Preset torque setting in order to remove & install valve cores correctly
- Prevent overloaded torque to cause damage on valves sensor cores
- Preset torque is 0.45 N.m (4.0 Inch/lbs)
- Ergonomics design with TPR handle

g 82.2 24 / 96





Digital Tire Gauge

9BM120

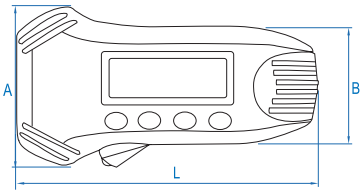
- Tyre pressure gauge specification:
  Unit range:
  0-100 psi / 0~7.0 bar / 0~7.0 Kgf-cm² / 0~700 kpa
  Display resolution:
  0.1 psi / 0.01 bar / 0.01 Kgf-cm² / 0.01 kpa
- Tread depth gauge specification :
  Unit range: 0-22mm/.8"(Gauge: mm/inch)
  Display resolution: 0.01mm/.001"
  Accuracy: ±1%

KT NO.	A mm	B mm	L mm	g	
9BM120	53	38	101	53.0	12 / 96







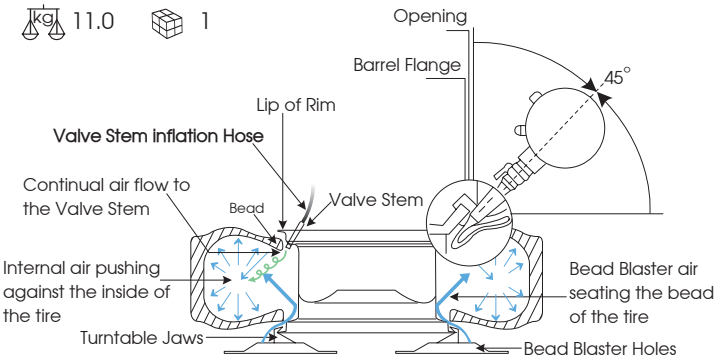


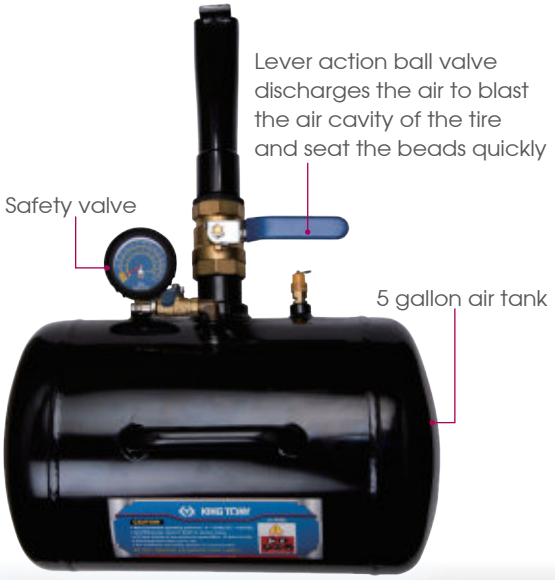
Tire Air Bead Seater

9HBL new

- Capacity: 5 Gallon
- Used for seating tires for cars, trucks, ATVs, tractors
- Air gauge for easy and accurate air volume readings
- Can be used for tire sizes up to 24.5"

kg 11.0 1





KT NO.	Type	Capacity	Max. pressure
9HBL11-05	America	5 gallon(20 L)	145PSI(10bar)
9HBL12-05	Europe		



3-In-1 Inflator

9BM

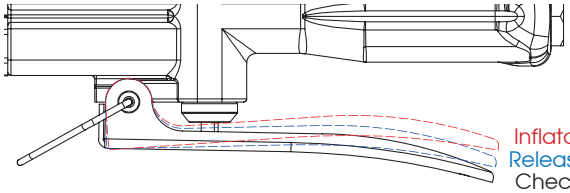
- Diaphragm pressure gauge
- Accuracy: ANSI B40.100 ±3% ~ ±2% ~ ±3%
- Special rubber housing protects manometer against light impacts
- 3 functions(check, release, inflator) all together on the press handle
- Variable trigger, two control position inflate/ deflate leve
- Flexible 400MM high pressure rubber hose with clip-on air tire chuck
- Pressure range: 0-160 PSI (9BM21) / 0-220 PSI (9BM22)
- Built in hang-up hook allows easy storage



9BM2110
9BM2111
9BM2210
9BM2211



9BM2210A
9BM2211A







9BM2-01



9BM2-02

KT NO.	Pressure range (Psi)	Air Inlet (BSPT/NPT)	L (mm) L1	L2	Air hose (ID)	g	
9BM2110	160	1/4" BSPT	Ø13 x 400	180	3/8"	500	1 / 12
9BM2111	160	1/4" NPT	Ø13 x 400	180	3/8"	500	1 / 12
9BM2210	220	1/4" BSPT	Ø13 x 400	180	3/8"	520	1 / 12
9BM2211	220	1/4" NPT	Ø13 x 400	180	3/8"	520	1 / 12
9BM2210A	220	1/4" BSPT	Ø13 x 400	180	3/8"	600	1 / 12
9BM2211A	220	1/4" NPT	Ø13 x 400	180	3/8"	600	1 / 12
9BM2-01	(included in all 9BM series)		20		-	25	-
9BM2-02	(included in 9BM2210A & 11A only)		185		-	105	-



Wheel Lock Screw Socket Set

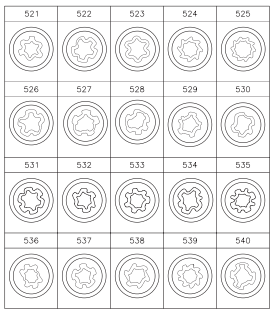
9BW0120 VW

- Used to permit servicing of customer vehicles, even lose the key
- Applicable for installing and removing locks of most VW models
- Chrome molybdenum, alloy steel chrome plated
- Work with 17mm hex tool
- Contents:
  #521,#522,#523,#524,#525,#526,#527,#528,#529,#530,#531,#532,#533,#534,#535,#536,#537,#538,#539,#540

2.9 | 1 / 5

20 PC.





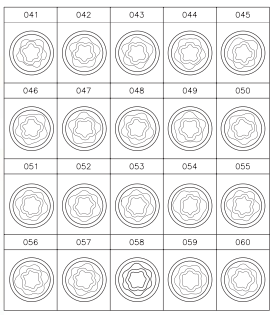
9BW0220 BMW

- Used to permit servicing of customer vehicles, even lose the key
- Applicable for installing and removing locks of most BMW models
- Chrome molybdenum, alloy steel chrome plated
- Work with 17mm hex tool
- Contents:
  #041,#042,#043,#044,#045,#046,#047,#048,#049,#050,#051,#052,#053,#054,#055,#056,#057,#058,#059,#060

1.94 | 1 / 5

20 PC.





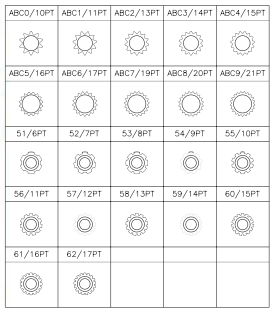
9BW0123 VW

- Used to permit servicing of customer vehicles, even lose the key
- Applicable for installing and removing locks of most VW models
- Chrome molybdenum, alloy steel chrome plated
- Contents:
  #51/6PT, #52/7PT, #53/8PT, #54/9PT, #55/10PT, #56/11PT, #57/18PT, #58/13PT, #59/14PT, #60/15PT, #61/16P, #62/17PTT, #ABC0/10PT, ABC1/11PT, ABC2/13PT, ABC3/14PT, ABC4/15PT, ABC5/16PT, #ABC6/17PT, ABC7/19PTABC8/20PT, ABC9/21PT, #494517M (1/2"DR. x 17mm)

1.57 | 1 / 10

23 PC.





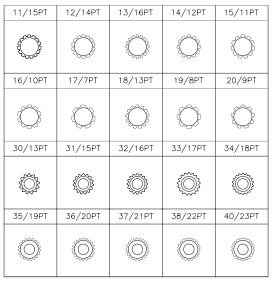
9BW0221 BMW

- Used to permit servicing of customer vehicles, even lose the key
- Applicable for installing and removing locks of most BMW models
- Chrome molybdenum, alloy steel chrome plated
- Contents:
  #30/13PT, #31/15PT, #32/16PT, #33/17PT, #34/18PT, #35/19PT, #36/20PT, #37/21PT, #38/22PT, #40/23PT, #13/16PT, #12/14PT, #11/15PT, #16/10PT, #15/11PT, #14/12PT, #19/8PT, #18/13PT, #17/7PT, #20/9PT, #494517M (1/2"DR. x 17mm)

1.48 | 1 / 10

21 PC.





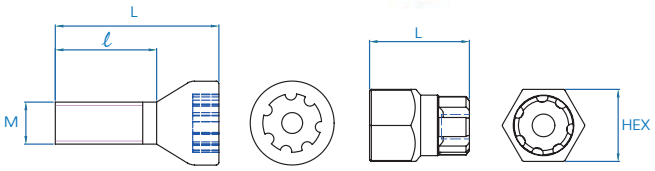
Locking Nuts & Bolt

WSB01 new

- Long Bolt

KT NO.		HEX	Thread M	ℓ mm	L mm
WSB012802-5		-	M12 x 1.5	28	47
		13/16	-	-	29
WSB013006-5		-	M14 x 1.5	30	49
		13/16	-	-	29



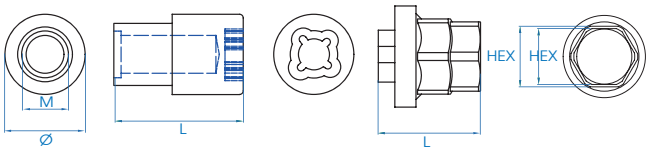


WSN14 new

- Lock Nut

KT NO.		HEX	Ø	Thread M	L mm
WSN143601-5		-	23	M12 x 1.25	36
		19 x 13/16	-	-	28
WSN143602-5		-	23	M12 x 1.5	36
		19 x 13/16	-	-	28



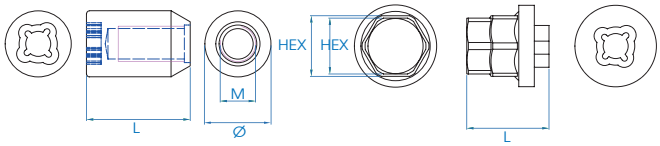


WSN04 new

- Long Lock Nut

KT NO.		HEX	Ø	Thread M	L mm
WSN043601-5		-	23	M12 x 1.25	36
		19 x 13/16	-	-	28
WSN043602-5		-	23	M12 x 1.5	36
		19 x 13/16	-	-	28



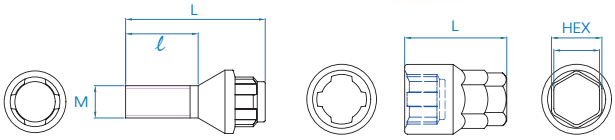


WSB02 new

- Cone Seat Bolt Lock

KT NO.		HEX	Thread M	ℓ mm	L mm
WSB022701-5		-	M12 x 1.25	27.5	52.5
		17 x 3/4	-	-	38





Impact Socket For Hybrid Wheel Bolts Mercedes-Benz

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

9BW4501 new — 1/2"

- Durable outer sleeve protects polished wheels and lug nut
- Suitable for Hybrid wheel bolts on e.g. MERCEDES-BENZ C-Class type 204, 204X E-Class type 211, 212, 207 SLK type 172 M-Class type 164, 166 S-Class type 221, 222 CL-Class type 216



KT NO.	Size mm	D1 mm	D2 mm	ℓ mm	L mm	g	
9BW4501	17	26.4	30	26	85.5	229	5 / 60

Impact socket for special profile Wheel Bolts

9BW4502 new — 1/2"

- Durable outer sleeve protects polished wheels and lug nut
- Suitable for Wheel nuts with special profile 21 mm on HYUNDAI i30, Tucson and KIA

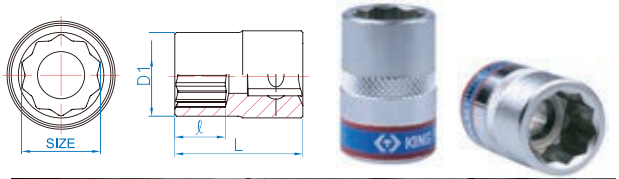


KT NO.	Size mm	D1 mm	D2 mm	ℓ mm	L mm	g	
9BW4502	21	28.5	30	26	85.5	252	5 / 60

10 Point Socket 20MM

9BW4801 — 1/2"

- 1/2"drive
- 10 points
- Use for replacing and removing retaining screw on rear trailing arm on HONDA CR-V





KT NO.	mm	D1 mm	ℓ mm	L mm	g	
9BW4801	20	25	15	38	88.0	10 / 160

Wheel Nut Impact Socket Set

4405MX — 1/2"

3 PC.

- Thin wall impact socket set with plastic sleeve
- 6 points
- Durable outer sleeve protects polished wheels and lug nuts



Blow case size (mm) : 149 x 132 x 45

Contents	kg 0.83	1 / 16
494517MX	17 mm	
494519MX	19 mm	
494521MX	21 mm	

Wheel Nut Impact Socket Set

4406MX 1/2"

- 3 PC. Plastic sleeve thin wall impact socket
- 3 PC. Torque extension bar

6 PC.

Contents		2.13 kg	1 / 10
○	494517MX	17 mm	
○	494519MX	19 mm	
○	494521MX	21 mm	
	4269-08-90	90 Nm	
	4269-08-B0	110 Nm	
	4269-08-D5	135 Nm	



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

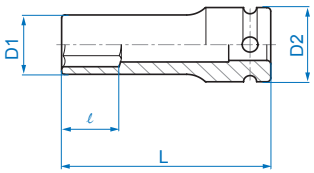
4415M ○ 1/2"

- 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	171.0	6 / 96
441519M	19	25.8	30	20	80	209.0	6 / 96
441521M	21	27.8	30	22	80	219.0	6 / 96
441522M	22	29.5	30	24	80	237.0	6 / 96



Thin walled design (D1)



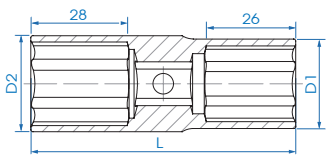
Double - Ended Impact Socket

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk

4915M new

4915S new ○ 1/2"

KT NO.	○ mm / inch	D1 mm	D2 mm	L mm	g	
49151719M	17 x 19	26	28	77	210	6 / 96
49151921M	19 x 21	26	28	77	200	5 / 60
49152122M	21 x 22	30	32	77	310	5 / 60
49152123M	21 x 23	30	32	77	310	6 / 96
49152426S	3/4" x 13 / 16"	26	28	77	200	6 / 96



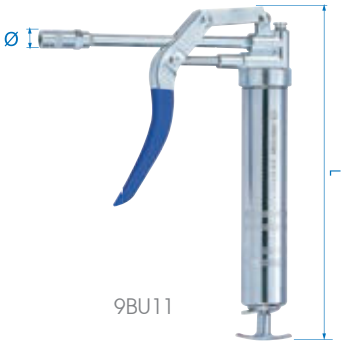


Lubrication-Grease Gun

9BU11 9BU14 9BU15

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.







KT NO.	L inch	L mm	Ø Screw thread	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz	Kg	
9BU111	10-5/8	267	1/8" x 28 PT	2900	200	4000	275	120	3	0.61	1 / 30
9BU112	10-5/8	267	10 x 1.0 Metric	2900	200	4000	275	120	3	0.61	1 / 30
9BU141	10-5/8	267	1/8" x 28 PT	4500	310	7000	490	400	14	1.29	1 / 12
9BU142	10-5/8	267	10 x 1.0 Metric	4500	310	7000	490	400	14	1.29	1 / 12
9BU151	10-5/8	267	1/8" x 28 PT	4500	310	7000	490	500	16	1.51	1 / 12
9BU152	10-5/8	267	10 x 1.0 Metric	4500	310	7000	490	500	16	1.51	1 / 12

9BU111 / 9BU141 / 9BU151 For general market except North America, Germany, South Africa, Egypt
9BU112 / 9BU142 / 9BU152 For Germany, South Africa, Egypt, etc.

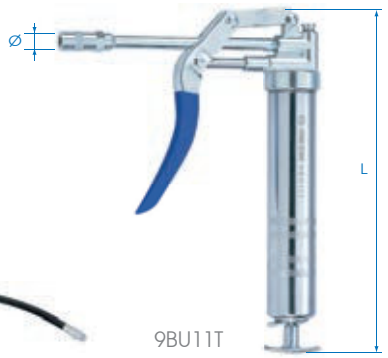
Lubrication-Grease Gun with 12" Tube

9BU11T 9BU14T 9BU15T

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.









KT NO.	L inch	L mm	Ø Screw thread	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz	Kg	
9BU111T	10-5/8	267	1/8" x 28 PT	2900	200	4000	275	120	3	0.68	1 / 30
9BU112T	10-5/8	267	10 x 1.0 Metric	2900	200	4000	275	120	3	0.68	1 / 30
9BU141T	10-5/8	267	1/8" x 28 PT	4500	310	7000	490	400	14	1.36	1 / 12
9BU142T	10-5/8	267	10 x 1.0 Metric	4500	310	7000	490	400	14	1.36	1 / 12
9BU151T	10-5/8	267	1/8" x 28 PT	4500	310	7000	490	500	16	1.58	1 / 12
9BU152T	10-5/8	267	10 x 1.0 Metric	4500	310	7000	490	500	16	1.58	1 / 12

9BU111T / 9BU141T / 9BU151T For general market except North America, Germany, South Africa, Egypt
9BU112T / 9BU142T / 9BU152T For Germany, South Africa, Egypt, etc.

Lubrication-Grease Gun

9BU2

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.





KT NO.	L inch	L mm	Screw thread Ø	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz	Kg	
9BU241	14	360	1/8" x 28 PT	4500	310	10000	700	400	14	1.18	1 / 16
9BU242	14	360	10 x 10 Metric	4500	310	10000	700	400	14	1.18	1 / 16
9BU251	14.2	365	1/8" x 28 PT	4500	310	10000	700	500	16	1.52	1 / 16
9BU252	14.2	365	10 x 10 Metric	4500	310	10000	700	500	16	1.52	1 / 16

9BU241 / 9BU251 For general market except North America, Germany, South Africa, Egypt
9BU242 / 9BU252 For Germany, South Africa, Egypt, etc.

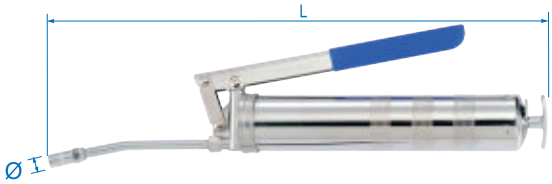
Lubrication-Grease Gun with 12" Tube

9BU2T

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.



9BU8109
9BU8209
9BU8112
9BU8212



KT NO.	L inch	L mm	Screw thread Ø	Working pressure psi	Working pressure bar	Burst pressure		Capacity c.c.	Capacity oz	Kg	
9BU241T	14	360	1/8" x 28 PT	4500	310	10000	700	400	14	1.24	1 / 16
9BU242T	14	360	10 x 10 Metric	4500	310	10000	700	400	14	1.24	1 / 16
9BU251T	14.2	365	1/8" x 28 PT	4500	310	10000	700	500	16	1.63	1 / 16
9BU252T	14.2	365	10 x 10 Metric	4500	310	10000	700	500	16	1.63	1 / 16
new 9BU8109	9	229	1/8" x 28 PT								
new 9BU8209	9	229	10 x 10 Metric								
new 9BU8112	12	305	1/8" x 28 PT								
new 9BU8212	12	305	10 x 10 Metric								

9BU241T / 9BU251T For general market except North America, Germany, South Africa, Egypt
9BU242T / 9BU252T For Germany, South Africa, Egypt, etc.

Portable Bearing Packer

9BU41

- Quick and easy way to pack bearings with less mess
- Suitable for bearing diameter up to 89 mm
- Press the cap until old grease forced out and replaced by fresh grease

505.2 1 / 36





Oil Suction Gun

9BT250

- Designed for all purpose, quickly draining and filling oil and other fluids for clutches, agricultural, and industrial chemical, additives, transmission on differentials, brake master cylinders, oil filters or other type of sumps or sampling engine oil
- Features 11" flexible plastic hose

KT NO.	L inch	L mm	Capacity c.c.	Capacity oz	g	
9BT250	13.4	340	500	16	770.0	1 / 20



Slide Hammer Puller Set

9BQ01

- 5 lbs / 2.2 kgs slide hammer with 500 mm shaft make more powerful
- Three types to use : internal/external puller, plate puller, dent puller
- Use for remove vehicle Hub, rear axle, bearing or repair dent, etc…

7.5 kg 1/2

CONTENTS:

- 1 PC. 500 mm T handle shaft
- 1 PC. 5 lbs / 2.2 kgs hammer
- 1 PC. Axle puller
- 1 PC. Hub puller
- 1 PC. Hook
- 1 PC. Locking pliers puller
- 1 PC. Dent puller
- 1 PC. Central bolt
  - Hex 19mm x 5/8" x 18UNF x L140mm
- 1 PC. Twin head
- 1 PC. Tripe head
- 1 PC. Adjustable nut
- 3 PC. 3.5" leg
- 3 set nut & bolt







Axle Puller With Slide Hammer

9BQ11

- 5 lbs / 2.2 kgs slide hammer
- 500 mm T handle shaft

4 kg 1/4

CONTENTS:

- 1PC. 500 mm T handle shaft
- 1PC. 5 lbs / 2.2 kgs hammer
- 1PC. Axle puller



Auto Body Repair Tool



9CF110

▪ Bumping hammer - rough

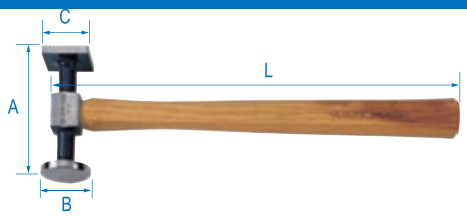
KT NO.	A mm	B mm	C mm	L mm	g	
9CF110	98.5	38	40	325	440.0	6 / 36



9CF120

▪ Light shrinking hammer - smooth

KT NO.	A mm	B mm	C mm	L mm	g	
9CF120	98	40	38	325	467.0	6 / 36



9CF130

▪ Straight pick & finishing hammer

KT NO.	A mm	B mm	L mm	g	
9CF130	138	40	325	467.0	6 / 36



9CF131

▪ Curved pein & finishing hammer

KT NO.	A mm	B mm	L mm	g	
9CF131	140	40	325	467.0	6 / 36



9CF132

▪ Stright pein & finishing hammer



KT NO.	A mm	B mm	L mm	g	
9CF132	141	40	325	460.0	6 / 36

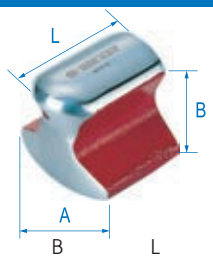


Auto Body Repair Tool & Set



9CF210

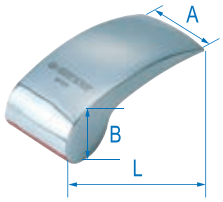
▪ Utility dolly



KT NO.	A mm	B mm	L mm	Kg	
9CF210	69	64	42.3	1.38	6 / 12

9CF220

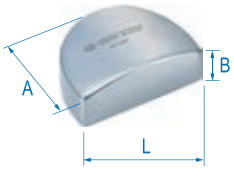
▪ Curved dolly



KT NO.	A mm	B mm	L mm	Kg	
9CF220	58.6	45	133	1.63	6 / 12

9CF230

▪ Heel dolly



KT NO.	A mm	B mm	L mm	Kg	
9CF230	60	30	79.3	1.13	6 / 12

9CF241

▪ Thin toe dolly

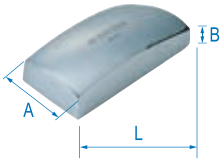


KT NO.	A mm	B mm	L mm	Kg	
9CF241	55	24	118	0.96	6 / 12

9CF240

▪ Toe dolly

KT NO.	A mm	B mm	L mm	Kg	
9CF240	58.5	29.1	121	1.40	6 / 12



9CF-107 9CF-207 9CF-307

▪ All drop forged medium(SAE/AISI 1045,1055) carbon steel
▪ Hammers are hardened and tempered, including 3 hardwood handled hammers and 4 dollies

7 PC.


9CF-107


9CF-207


9CF-307

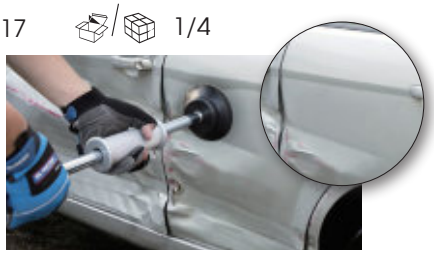
KT NO.	Contents			Kg	
9CF-107	 9CF130	 9CF240	 9CF110  9CF120  9CF220  9CF230  9CF210	7.5	1 / 2
9CF-207	 9CF131	 9CF241		7.1	
9CF-307	 9CF132			7.1	

Pneumatic Dent Puller

9CH212 new

- With 3 LB (1.36 kgs) sliding hammer
- With brass valve and 1/4" air plug
- With 13" length inlet hose
- With 2 PC. pads (120mm , 150mm)
- Air exhaust from the handle

17 1/4





Bodywork File & Set

9CM2 new

- Used for sheet-metal working
- Suitable for flat and curved surfaces
- Double-sides file with radial shape
- For 9CM11



KT NO.	Version	Teeth inch	Length mm		
9CM209	rough	8	355	0.33	1 / 50
9CM212	fine	12	355	0.33	1 / 50

9CM01 new

- Used for sheet-metal working
- Suitable for flat and curved surfaces
- Double-sides file with radial shape
- Lightweight aluminium body
- 1 PC. file included



9CM11



9CM209



KT NO.	Version	Teeth inch	Length mm		
9CM01	rough	8	355	1.58	1 / 20

Slide Hammer Bodywork Puller Set

9CH01

- 6 lbs / 2.7 kgs slide hammer with 540 mm shaft make more powerful
- Variety attachment adaptor suitable for different situation
- Use for vehicle body panel and chassis or other metal distortion etc…

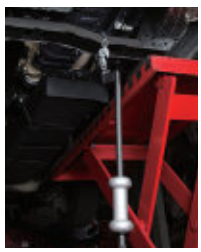
8.5 1/2

CONTENTS:

- 1 PC. 540 mm handle shaft
- 1 PC. 6 lbs / 2.7 kgs hammer
- 1 PC. Large curve hook
- 1 PC. Small curve hook
- 1 PC. Large 90° hook
- 1 PC. Small 90° hook
- 1 PC. Flat squashed attachment
- 1 PC. Straight attachment
- 1 PC. Double attachment
- 1 PC. Tapping screw
- 1 PC. Hook attachment with chain









Putty Knife

9CJ1112 1-1/4"



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ1112	1-1/4	32	8-1/2	218	60.0	24 / 144

9CJ1120 2"



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ1120	2	50	8-1/2	218	70.0	24 / 144

9CJ1130 3"



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ1130	3	76	8-1/2	218	82.0	24 / 144

Stainless Steel Putty Knife Set

9CJ013



3 PC.

Contents 0.2 10 / 40



9CJ1112 9CJ1120 9CJ1130

Bolstered Scraper

9CJ2112 1-1/4"



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ2112	1-1/4	32	8-1/2	218	120.0	24 / 144

9CJ2212 1-1/4"



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ2212	1-1/4	32	8-1/2	218	120.0	24 / 144

9CJ2120 2"



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ2120	2	50	8-1/2	218	140.0	24 / 144

Stainless Steel Bolstered Scraper Set

9CJ023



3 PC.

Contents 0.4 10 / 40



9CJ2112 9CJ2212 9CJ2120

Pinch Weld Scraper

9CJ3104 1/2"



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ3104	1/2	12	6-1/2	168	75.0	24 / 144

9CJ3105 5/8"



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ3105	5/8	15	8-1/2	218	108.0	24 / 144

9CJ3106 3/4"



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ3106	3/7	19	6-1/2	168	75.0	24 / 144

Multi Purpose Single Edge Razor Scraper

9CJ61-40

- Ideal for scraping labels and decals
- Comfortable TPR handle for maximum grip
- Accepts all standard single edge razor blades



KT NO.	A inch	A mm	L inch	L mm	g	
9CJ61-40	1-1/2	40	9	235	145.0	6 / 72

Stainless Steel Pinch Weld Scraper Set

9CJ033

Contents — kg 0.3 — 10 / 40


9CJ3104


9CJ3105


9CJ3106



3 PC.

Mini Panel Removal Set

9CI1101



KT NO.	L inch	L mm		
9CI1101	8	202	14.0	30 / 360

9CI1201



KT NO.	L inch	L mm		
9CI1201	8	202	43.0	24 / 192

9CI1102



KT NO.	L inch	L mm		
9CI1102	8	202	13.0	30 / 360

9CI1202



KT NO.	L inch	L mm		
9CI1202	8	202	28.3	40 / 320

9CI1103



KT NO.	L inch	L mm		
9CI1103	8	202	16.0	30 / 360

9CI1203



KT NO.	L inch	L mm		
9CI1203	8	202	20.8	24 / 228

9CI016

- Easy to remove small trim items and panels with slim profile
- Made from impact resistant high quality nylon
- Applicable: Air vents, door panels, door locks, dash trim, internal fittings, etc…

0.3 kg | 12 / 48

6 PC.







Windscreen Remove Tool Set

9CW01

- Use for removing glued of vehicle windows
- Use A with C to pierce the wire through the adhesive beads
- Use the cutting wire with B to remove adhesive beads

KT NO.	Wire L m	T Handle L mm	g	
9CW01	22	330	456	8 / 32







CONTENTS :
- A - Wire feeder tool
- B - Wire pull handle - pair
- C - Triangle cutting wire - 22 meters

Double Suction Pad Holder

9CW21

- Lifting up to 65 kg in horizontal position
- Adjustable handle designed for curved surface
- Ø 120mm rubber vacuum cup can prevent from the damage of surface and grip tightly
- Use for holding glass, tiles, sheet metal, etc…



KT NO.	Ø mm	Load capacity kg	g	
9CW21	120	65	805	4 / 8





Single Suction Pad Holder

9CW22

- Lifting up to 40 kg in horizontal position
- Ø 120mm rubber vacuum cup can prevent from the damage of surface and grip tightly
- Use for holding glass, tiles, sheet metal…



KT NO.	Ø mm	Load capacity kg	g	
9CW22	120	40	351	6 / 48





Alternator Tool & Set

- Specialized in removing & installing freewheel pulleys on alternator.
- Ideal for dismantling and assembling the free wheel pulley while changing the alternator or pulley.
- The pulley shaft is held in place with the bit on 1/2"DR. socket whilst the nut is undone using the 33 teeth union nut with 19mm spanner
- Suitable generator brand: Bosch, Valeo, Magetic Marelli,Denso, etc.
- It's also interchangeable and comprehensive components to work on VW, Audi, Citroen/ Peugeot, Mercedes, Renault, BMW, Flat, Ford, Toyota, etc

9DA103 1/2"

M10 spline



KT NO.	Size	Overall length mm	g	
9DA103	M10	113	151	10 / 120

9DA104 1/2"

T50 Star



KT NO.	Size	Overall length mm	g	
9DA104	T50	113	151	10 / 120

9DA022

22 PC.

- Specialized in removing & installing freewheel pulleys on alternator
- Suitable generator brand : Bosch, Valeo, Magetic Marelli, Denso, etc.
- It's also interchangeable and comprehensive components to work on VW, Audi, Citroen/Peugeot, Mercedes, Renault, BMW, Fiat, Ford, Toyota, etc.

CONTENTS:

- 3 PC. Combined bit socket –
- 3/8"DR. x M10 x 90mmL / 1/2"DR. x T50 x 113mmL / 1/2"DR. x M10 x 113mmL
- 1 PC. Spline bit socket 1/2"DR x M10 x 110mmL
- 3 PC. 33 teeth socket –15mm HEX x19mm / 15mm Hex x17.5mm / 22mm Hex
- 2 PC. Hex nut –22mm x 30mmL (Ø12.0mm) / 17mm x 35mmL (Ø14.7mm)
- 1 PC. - 35mm Round x 17mm hex (four pin)
- 1 PC. - 38mm Hex adaptor (three pin)
- 1 PC. - 28.6mm Round x H28 x H22 x 32mmL
- 2 PC. - Hexagon head nut –28H x H19 x 35mmL / 28H x H21 x 36mmL
- 1 PC. - M10 x H12 bit 64mmL
- 6 PC. - 10mm shank head bits 75mmL –T40 / T50 / M8 / M10 / H8 / H10
- 1 PC. - 1/2"DR. Bit holder

2.57 kg / 1 / 5







Spark Plug Boot Pliers

9DB201

- Remove spark plug cables safely and prevent cable damge
- Pliers' handles and jaws are coated with a heavy-duty plastic for sure grip

KT NO.	L mm	Ø mm	L1 mm	g	
9DB201	260	14~18	20	266	12 / 48

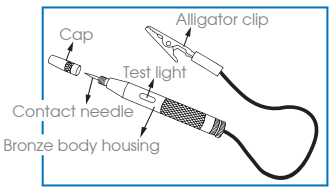


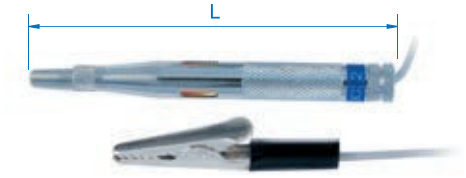


Circuit Tester

9DC22

- Bronze body housing
- Cover cap for contact needle
- Bulb of 24V/3W interchangeable
- Test voltage 6~24V
- For application of D.C. circuits only





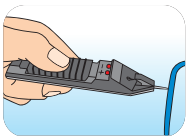


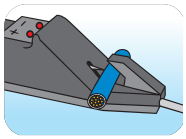
KT NO.	L mm	Test range	g	pcs / box
9DC22	107	6~24V	50.0	20 / 200

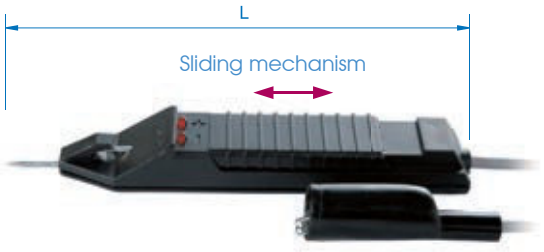
Automotive Voltage Tester

9DC23

- Insulated alligator clip with 150 cm cable
- 2 LEDs indicate positive(+)/negative(-) polarity
- Test voltage 3~48V
- For application of D.C. circuits only
- Two testing methods as illustration







KT NO.	L mm	Test range	g	pcs / box
9DC23	150	3~48V	52.0	10 / 100





Digital Display Circuit Tester

9DC242



- For 6/12/24V DC systems
- For application of DC circuits only
- Check if the circuit is electrified or not by stainless steel stylus
- Bigger heavy duty insulated alligator ground clip
- 3M long retractable cable
- LCD display easy to read digital voltage display
- Powered from the power source being measured, no batteries required
- CE approval EN 61000-6-3(2007) , EN 61000-6-1(2007)
- Do not use on air bags
- Ultra-V will burn circuit board

Specification	
Measured valtage	5~28V
Testing current	<10mA
Operating temp	-10~50° C
Operating humidity	<80%

KT NO.	Test Range		
9DC242	6, 12, 24	225	10 / 60





Positive (+) polarity



Negative (-) polarity

Circuit Tester with Nixie Display

9DC243



- For 12/24/48V DC systems
- For application of DC circuits only
- Check if the circuit is electrified or not by stainless steel stylus
- Test by car battery or negative ground conversion
- 3M long retractable cable
- 1M extension cable
- Powered from the power source being measured, no batteries required
- Nixie display easy to read digital voltage display
- CE approval EN 61000-6-3(2007) , EN 61000-6-1(2007)
- Do not use on air bags
- Ultra-V will burn circuit board

Specification	
Measured valtage	0.3~60V
Testing current	<10mA
Operating temp	0~50° C
Operating humidity	≦ 80%

KT NO.	Test range		
9DC243	12, 24, 48	277	10 / 60





Positive (+) polarity



Negative (-) polarity

Battery Tester

9DD21

- Test battery hydrometer quickly
- Use to check battery condition and charge state
- Detects hot or cold overcharge accurately
- Tests all 6, 12, 24 volt system

85 g / 10 / 100





Mechanic's Stethoscoper

9DH11

- Ears covered with plastic, effective to separate from outside noise
- 210mm extension probe can expand the space while operating or using in narrow space
- Quickly to find and detect the abnormal noise with the probe
- Use for detecting various vehicles parts or machine equipment

147 g / 12 / 72





Digital Glow Plug Tester

9DM1A1 new

- Suitable for steel and ceramic glow plugs
- LCD Display
- Short circuit protection & reverse charging protection
- Auto power off: 110 seconds
- 9V battery*1 (included)
- CE approval







KT NO.	Glow Plug(V)	Size(mm) L x W x H	g	
9DM1A1	3.5-4.4-5-7-8.5 10-11-24	135x78x33	356	6 / 36



Gasoline Engine Injection Pressure Tester Kit

9DP1101 new

- Used to identify and diagnose low fuel pressure
- Shockproof gauge with dual reading of 0~120 PSI and 0~8 bar
- Various kit of adapters for most injection systems of European, Japanese and American vehicles, includes Bosch CIS, GM TBI and MFI system

5.0 kg 1 / 4





No.	Dedcription	No.	Dedcription
1	1PC. (0-120 psi/0-8bar)	20	1PC. Adapter (M14 male-female)
2	1PC. Connector Hose	21	1PC. Adapter (M10 male-M12 male)
3	1PC. Connector Hose	22	1PC. Adapter (M10 female-M12 male)
4	1PC. Connector Hose	23	1PC. Adapter (M8 female-M12 male)
5	1PC. Connector Hose	24	2PC. Adapter (M8 male-M12 male)
6	1PC. Connector Hose	25	1PC. Adapter (M14 male-M12 male)
7	1PC. Connector Hose	26	1PC. Adapter (M16 male-M12 male)
8	1PC. Connector Hose	27	1PC. Adapter (Banjo bolt M12)
9	2PC. Connector Tube (5/8"-18 male nut)	28	1PC. Adapter (Banjo bolt M12)
10	2PC. Connector Tube (5/8"-18 invert flare nut)	29	1PC. Adapter (Banjo bolt M10)
11	2PC. Adapter (M16 female~5/8")	30	1PC. Adapter (Banjo bolt M8)
12	2PC. Adapter (M14 female~3/8")	31	1PC. Adapter (Banjo bolt M6)
13	2PC. Adapter (M16 female~3/8")	32	1PC. Adapter
14	2PC. Adapter (M14 female~3/8")	33	1PC. Adapter (M8 male-M12 male)
15	2PC. Adapter (M16 ar-10mm)	34	1PC. Adapter (M16 female-M12 male)
16	1PC. Adapter	35	1PC. Adapter (M14 female-M12 male)
17	1PC. Manifold Adapter	36	1PC. Gauge Hook
18	1PC. Manifold Adapter	37	1PC. Repair Pack
19	1PC. Adapter (90 degrees)		

Gasoline Compression Tester Kit

9DP130 new

- Suitable for petrol engines on lawn mowers, motorbikes, cars, trucks and so on.
- Quickly diagnose problems with pistons, rings, and valves
- Gauge has dual color scale with 0-300 PSI, 0-20 Kpa
- Easy pressure release button on side of tester
- Brass corrosion resistant fittings

KT NO.	Max Pressure	kg	
9DP1301	300PSI/20Kpa	1206	1 / 10
9DP1302	300PSI/20Kpa	1100	1 / 10



9DP1301



9DP1302

Diesel Engine Compression Tester Kit

9DP2301 new

- Suitable for testing cars and light commercial vehicles with direct or indirect injection on diesel engine
- Gauge reading range from 0-1000 psi (0-70 bar)
- Includes a pressure gauge, various connect adapter and replacement seal & washer

2.58 1 / 6

11 PC.





No.	Dedcription
A	1PC. 2-1/2" gauge with 420mm hose
B	1PC. Glow plug adapter (73.5mm*M10*1.25)
C	1PC. Glow plug adapter (54mm*M12*1.25)
D	1PC. Glow plug adapter (72mm*M14*1.25)
E	1PC. Dummy injector (114mm)
F	1PC. Dummy injector (64mm*M24*2.0)
G	1PC. Stanadyne dummy (112mm)
H	1PC. Glow plug adapter (114mm*M10*1.25)
I	1PC. Glow plug adapter (119mm*M10*1.0)
J	1PC. Dummy injector (75mm*M20*1.5)
K	1 Set Seal & washer
L	1PC. 90° Elbow
M	1PC. Clamp plate

Oil Pressure Tester Kit

9DP3201 new

- Suitable for testing engine oil pressure and transmission pressure
- Applicable to both gasoline and diesel engines, also suitable for passenger cars and light trucks
- Gauge reading range from 0-150 PSI (0-10 bar)
- Provided with an oil filter clamp for piercing through oil filter canister when oil pressure switch is hard to access

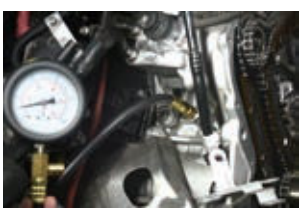
2.1 1 / 5

13 PC.



Adapter

Black (Imperial threads)	Silver (Metric threads)
1/2" x 20 UNF	M10 x P1.0
3/8" x 20 UNF	M12 x P1.5
1/4" x 18 NPTF	M14 x P1.5
1/8" x 27 UPT	M16 x P1.5
R 1/8" DIN	M18 x P1.5



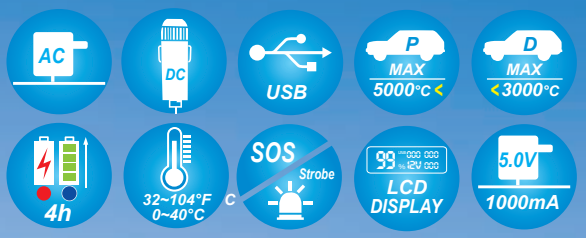




Multi-function Jump Starter

9DS11-16

- Lithium battery LiCo02 16000mAh / 59.2 WH
- Easy to check voltage and power from the screen
- Three-function LED torch : normal, flashing , SOS
- Two 5V USB output ports (mobile phones, MP3, etc...)
- 12V/16V/19V output ports
- 15V/1A input port (in-car charger)
- User-friendly design: Micro USB input port
- Intelligent battery clamp, prevent improper operation by buzzer sound











KT NO.	Capacity mAh	Cranking amp	Peak amp	L x I x E mm	Suitable country		
9DS11-16A					Europe	485	1 / 20
9DS11-16B	16000	300	600	185 x 75 x 33	America & Asia	485	1 / 20
9DS11-16D					Australia & New Zealand	485	1 / 20

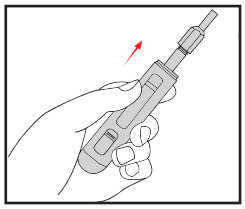
Universal Terminal Release Tool Set

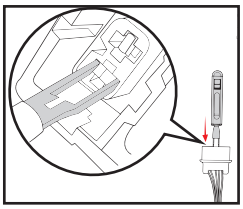
9DT11

- Suitable for most of the vehicles, VW Group, BMW, Opel, Renault, Ford, Daimlerchrysler, Fiat, Toyota and Saab
- Use to loose contacts easily or carry out other applications in the field of car electricity

A	9DT11-1	ABS 4.0mm round terminal
B	9DT11-2	3.5mm round terminal
C	9DT11-3	1.5mm round terminal
D	9DT11-4	Maxi power timer
E	9DT11-5	Pit pod / Faston 6.3mm
F	9DT11-6	JPT / SPT
G	9DT11-7	Micro timer 11
H	9DT11-8	Standard tool
I	9DT11-9	Standard 2.72mm
J	9DT11-10	Standard 1.48mm
K	9DT11-11	Standard 1.89mm
L	9DT11-12	Micro standard

850.0 1 / 10







11 PC.

Extra Option for Packing with EVA



9DT11E

- Quick and professional repair of malfunctions due to loose contacts
- Use on universal application in the field of the car electricity
- Application for most of vehicles , VW Group , BMW , Opel , Renault , Ford , Daimlerchrysler , Fiat , Toyota , Saab

1023.0 1 / 10





11 PC.

Safety Goggles

9CK

- Soft PVC frame & lens high impact clear polycarbonate
- Anti-dust and anti-impact vents

KT NO.	L1 inch	L1 mm	L2 inch	L2 mm		
9CK-101	2-7/8	74	6	153	70.0	20 / 200
new 9CK-102	2-1/2	63	6-1/4	170	38.0	6 / 60

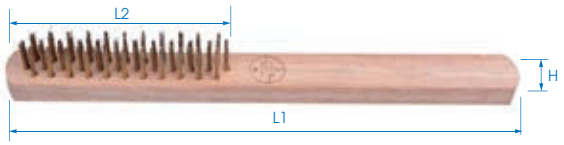


Steel Wire Brush

9CZ101

- Material : wood handle / steel wire
- Wire brush with three rows

KT NO.	H mm	L1 mm	L2 mm	g	
9CZ101	22	258	105	65.0	24 / 144



Pressure Oil Can

9TB225

9TB500

- Material: Plastic body (9BT225)
- Material: Metal body (9BT500)

KT NO.	Capacity c.c.	g	
9TB225	225	103.0	1 / 160
9TB500	500	302.0	10 / 60



Flexible A/C Detective Light

9TQ31 new

KT NO.	L1 mm	L2 mm	L3 mm	g	
9TQ31	34	400	140	107	1 / 5



A/C Leak Detector UV Light & Safety Glasses

9TQ03 new

- Universal tube(40cm) designed to reach into narrow space
- 3-UV light bulb with safety glasses
- Works with two LR3 AA batteries (not include)

KT NO.	Contents			g	
9TQ03	9TQ31	1PC		263	1 / 18
	9CK-102	1PC			



Refillable Pressure Sprayer

9TBA650

- Suitable for lubrication, cleaning brake systems, removing dust and being anti-rust
- Two-position folding nozzle for a standard or long stream spray pattern for narrow and areas which are difficult to reach
- Aluminum canister
- Do not use with strong chemical or corrosive fluid



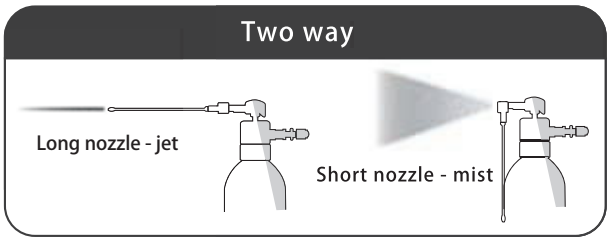




CAUTION

Always wear eye protection while using this tool

KT NO.	L inch	L mm	g	
9TBA650	11	287	290	1 / 12



Clip Removal Pliers

9TC101

- For removal of door inner-linings and other trim items held in place by plastic rivets

KT NO.	L inch	L mm	g	
9TC101	9	230	241.0	12 / 48

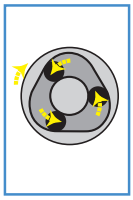


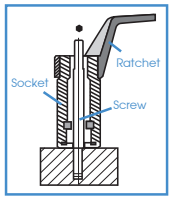


Roller Stud Extractor Socket & Set

9TD401 1/2"

- Turned by means of the hexagonal drive or a 1/2" - 12.7 mm ratchet which has a through-hole for a bar
- For tightening or loosening studs







KT NO.	mm	D1 mm	D2 mm	L mm	g	
9TD401-06M	6	24.5	21	60.0	150.0	10 / 180
9TD401-08M	8	24.5	21	60.0	150.0	10 / 180
9TD401-10M	10	27.5	21	69.5	190.0	12 / 120
9TD401-12M	12	27.5	21	69.5	190.0	12 / 120

9TD014MR 1/2"

- Roller stud extractor socket set

4 PC.







Blow case size (mm) : 210 x 111 x 49 (0.04CUFT)

Contents	Kg 1.10	1 / 25
9TD401	M6, M8, M10, M12	

Nut Splitter Set

9TD064

1895 | 1 / 12

KT NO.	Capacity inch	Capacity mm	Hex (mm)
9TD601	5/16"~1/2"	9~12	12
9TD602	1/2"~5/8"	12~16	14
9TD603	5/8"~7/8"	16~22	19
9TD604	7/8"~1-1/8"	22~27	21





4 PC.

Blow case size (mm) :
260 x 175 x 60 (0.096CUFT)

9TD062

- For removing stubborn nuts or over tightened bolts without damaging the bolt thread
- Suitable for nuts to a tensile class 6
- Do not overtighten to prevent damage to the threads under the nut

609.4 | 12 / 36

KT NO.	Capacity inch	Capacity mm	Hex (mm)
9TD602	1/2"~5/8"	12~16	14
9TD603	5/8"~7/8"	16~22	19



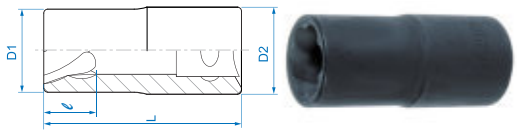
2 PC.

Hex

Damaged Nuts Remover Socket & Set

9TD403 1/2"

- Made of top quality SNCM alloy steel, provide good wear resistance and durability
- Ideal for the removal of rounded, damaged or corroded nuts, bolts, oil drain plugs, marine nuts and bolts, exhaust manifold nuts, pipe nozzele, and studs
- No need for pounding, chisels or torches



KT NO.	D1 mm	D2 mm	ℓ mm	L mm		
new 9TD403-10M	16.0	22	8	50	70	10 / 180
9TD403-12M	18.0	22	11	50	77	10 / 180
9TD403-13M	20.0	22	11	50	84	10 / 180
9TD403-14M	21.0	22	11	50	85	10 / 180
9TD403-17M	24.5	25	15	50	117	10 / 180
9TD403-19M	27.0	27	15	50	135	8 / 80
9TD403-21M	29.4	27	16	50	138	8 / 80
9TD403-22M	30.5	27	17	50	140	8 / 80
new 9TD403-23M	31.8	27	17	50	136	8 / 80
new 9TD403-27M	36.0	27	18	50	146	6 / 120

9TD 1/2"



9TD034MR — 4 PC.



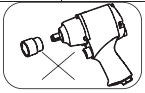
9TD035MR — 5 PC.



9TD036MR — 6 PC.



KT NO.	Contents				
new 9TD034MR	9TD403	21, 22, 23 27	8740705	0.58	4/36
9TD035MR	9TD403	12, 13, 14, 17, 19	8740705	0.52	4/36
new 9TD036MR	9TD403	10, 12, 13 14, 17, 19	8740706	0.60	4/36



CAUTION

Can't be used with pneumatic wrench

Pry Bar & Set

- Grip material - PP+TPR
- Chrome vanadium alloy steel

9TK1

- Packaged in plastic tray
- Pry bars are for prying and levering
- Sturdy blade minimizing lever spring effect
- It's hardened and tempered for maximum durability



KT NO.	L mm	g	
9TK108	204	140.4	6 / 72
9TK112	312	286.0	6 / 48
9TK118	458	547.0	6 / 48
9TK124	608	677.2	6 /36

9TK014

4 PC.



Contents | Kg 1.87 | 5 / 10



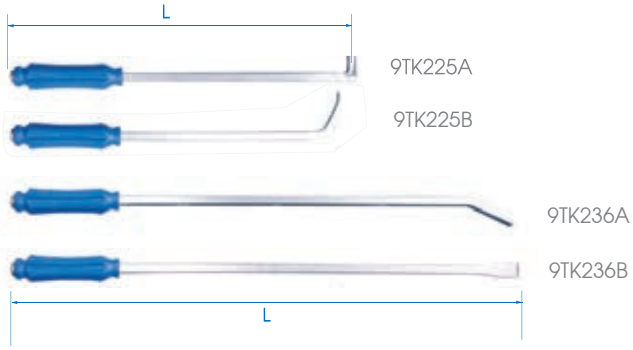
9TK108
9TK112
9TK118
9TK124

Jumbo Pry Bar & Set

9TK2

- For heavy-duty application
- Includes straight, 90, 45, 30 degree tip for variety situation to use
- Extra long pry bar makes more powerful for prying and levering

KT NO.	L inch	L mm	Type	kg	
9TK225A	25	625	90°	1.62	1 / 6
9TK225B	25	625	45°	1.51	1 / 6
9TK236A	36	920	30°	2.07	1 / 12
9TK236B	36	920	Straight	2.06	1 / 12



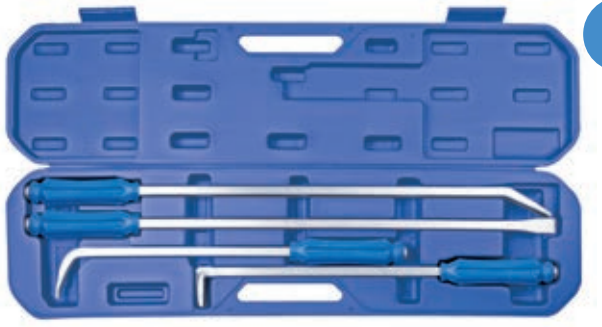
9TK024

4 PC.

Contents | Kg 9.34 | 1 / 10



9TK225A
9TK225B
9TK236A
9TK236B



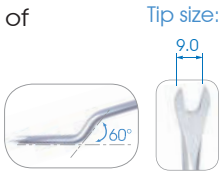
Door Upholstery Remover

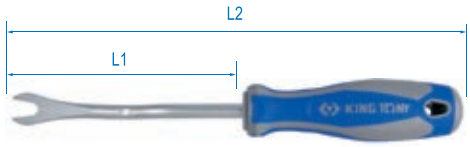
43280212

- Special tool to remove the lining and clip of the car

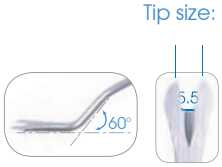


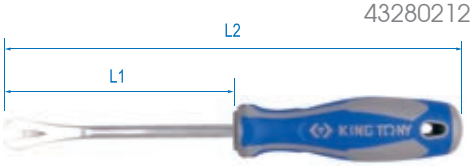
48280180





43280212





48280180

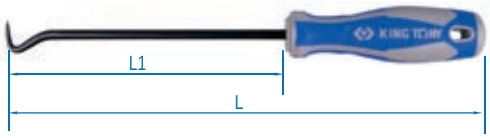
KT NO.	Tip mm	Dia x length(mm) L1	L2	g	
43280212	9	8 x 120	240	140.0	12 / 144
48280180	5.5	6.35 x 100	210	92.6	12 / 144

Hook & Pick Set

- Grip material - PP+TPR
- Chrome vanadium alloy steel

43250115Y

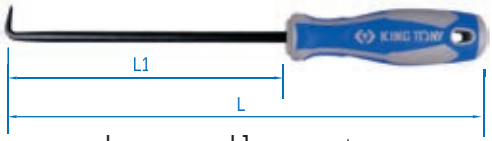
- 10" Bent-pick



KT NO.	L mm	L1 mm	g	
43250115Y	260	150	93.8	12 / 144

43270115Y

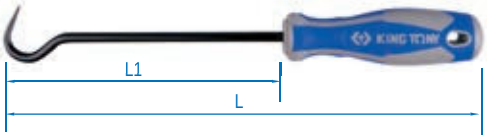
- 10" 90L-pick



KT NO.	L mm	L1 mm	g	
43270115Y	260	150	94.4	12 / 144

43260115Y

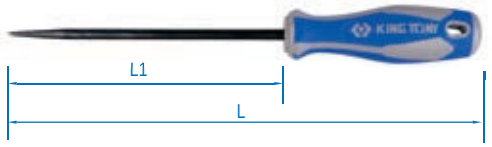
- 10" Hook-pick



KT NO.	L mm	L1 mm	g	
43260115Y	260	150	95.0	12 / 144

43290115Y

- 10" Straight-pick



KT NO.	L mm	L1 mm	g	
43290115Y	260	150	90.0	12 / 144

9-30904AY

- Use for scribing, alignment, installing and removing O rings, seals, cotter pins and washers







4 PC.

Contents	g	
43250115Y	425.4	1 / 8
43260115Y		
43270115Y		
43290115Y		

Radiator Hose Removal Tools

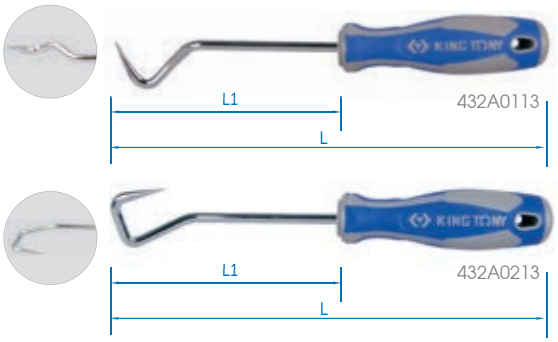
- Grip material - PP+TPR
- Chrome vanadium alloy steel

432A0113

432A0213

- 9-1/2" Lightning type removal tools
- 9-1/2" U type removal tools

KT NO.	L mm	L1 mm		
432A0113	240	130	93.2	12 / 96
432A0213	240	130	100.8	12 / 96

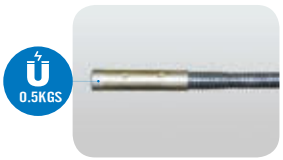


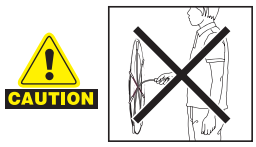
Magnetic Flexible Handle

2121

- Grip Material-PP+TPR
- Enhanced flexible conduit for perfect shaping
- More powerful magnetic force

KT NO.	Size	Dia x length(mm) L1	L2	Magnetic power(kg)		
2121-12	12"	Ø 5 x 305	415	0.5	100.0	1 / 100
2121-18	18"	Ø 5 x 455	565	0.5	120.0	1 / 80





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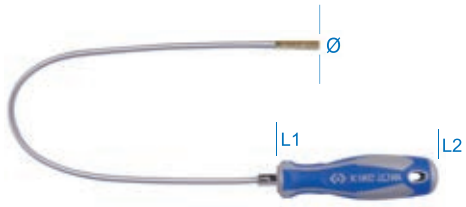
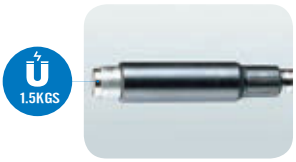


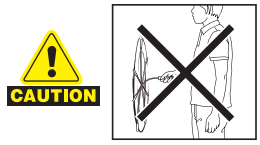


Magnetic Pickup Tool

2124

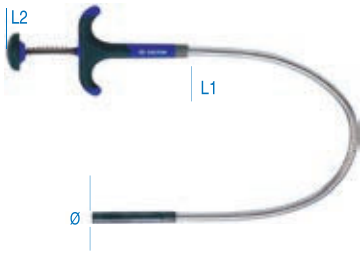
- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- More powerful magnetic force
- Comfortable pushing strength





For longer life, please don't shake or wave it.

KT NO.	Size	Dia x length(mm) L1	L2	Magnetic power(kg)	g	
2124-18	18"	Ø 13.5 x 450	610	1.5	181.0	1 / 36

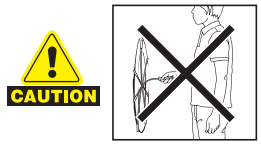


Claw Pickup Tool

2126

- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- Maximum claw width 1-1/4"
- Comfortable pushing strength





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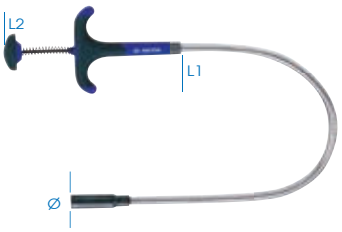
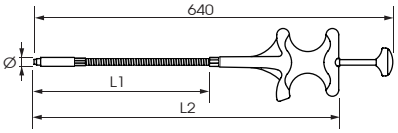
KT NO.	Size	Dia x length(mm) L1	L2		g	
2126-18	18"	Ø11 x 450	610	1-1/4"	181.0	1 / 36



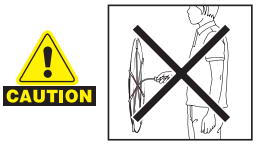
3 in 1 Pickup Tool

2129-24

- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- More powerful magnetic force
- Hook type claw
- Clamp light
- Comfortable pushing strength
- Lithium cell: LR521 x 3







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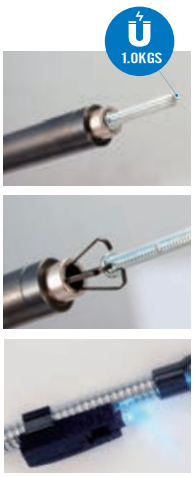


KT NO.	Size	Dia x length(mm) L1	L2	Magnetic power(kg)		g	
2129-24	24"	Ø13 x 470	570	1.0	1-1/4"	280.0	12 / 48

Telescoping Magnetic Pick-Up Bar

2128-26

▪ Pen style for carring conveniently



KT NO.	Exlendable Length mm	Magnetic Power	g	
2128-26	130~640	3.5LBS/1.6KGS	45.6	50 / 200

Auto Inspection Tool Set

9TQ01

• Contents:

9TQ01-1
Stainless steel telescopic bar
9TQ01-2
3.5 lbs. magnet pick-up with LED light
9TQ01-3
Strong 8.0 lbs. magnet pick-up
2126-18
1/4"DR. T handle swivel head reversible ratchet
9TQ01-4
Round magnetic dish Dia. 100mm
9TQ01-5
Round inspection mirror-Dia. 50mm
9TQ01-6
Rectangular inspection mirror 89 x 50mm

Kg 1.52 1 / 5



7 PC.



10-1/2" Heavy Duty Replaceable Tip Circlip Pliers Set

45115PP

- Ideal for internal-external circlip removal and replacment
- Ratcheting locking action handles

Contents

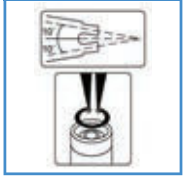
68GS-11	1 PC. Internal straight circlip pliers
68RS-11	1 PC. External straight circlip pliers
68GR-01	2 PC. 15° Internal interchangeable
68GQ-01	2 PC. 45° Internal interchangeable
68GB-01	2 PC. 90° Internal interchangeable
68RR-01	2 PC. 15° External interchangeable
68RQ-01	2 PC. 45° External interchangeable
68RB-01	2 PC. 90° External interchangeable
68ZZ-01	6 PC. Screw(M5x0.8)

15 PC.

External Use



Internal Use





KT NO.	L inch	L mm	Spread inch	Spread mm	Ø mm	Ø mm	kg	
45115PP	10-1/2	267	2	50	-	-	1.30	1 / 10
68GS-11	10-1/2	267	2	50	85~100	3	0.31	25 / 50
68RS-11	10-1/2	267	2	50	40~100	2.75	0.32	25 / 50

16" Internal-External Heavy Duty Circlip Pliers Set

45211PP

- Ideal for Internal-External circlip removing and replacment
- Ratcheting locking action handles

Contents

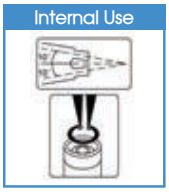
68GS-16	1 PC. Internal straight circlip pliers
68RS-16	1 PC. External straight circlip pliers
68GQ-02	2 PC. 45° Internal interchangeable
68GB-02	2 PC. 90° Internal interchangeable
68RQ-02	2 PC. 45° External interchangeable
68RB-02	2 PC. 90° External interchangeable
68ZZ-02	6 PC. Screw(M6x1.0)

11 PC.

External Use



Internal Use





KT NO.	L inch	L mm	Spread inch	Spread mm	Ø mm	Ø mm	kg	
45211PP	16	406	3-1/4	85	-	-	3.32	1 / 6
68GS-16	16	406	3-1/4	85	82~175	3	0.93	1 / 25
68RS-16	16	406	3-1/4	85	82~165	3	0.97	1 / 25

Kneeling Mat

9TG11

- Kneeling mat makes working more comfortable during repairing wheels, brakes and exhausts
- Resistant to most of the chemicals and oil
- Easily clean surface
- Light and small, easy to carry and available to hang it

KT NO.	L mm	A mm	B mm	g	
9TG11	455	214	30	125.7	1 / 18



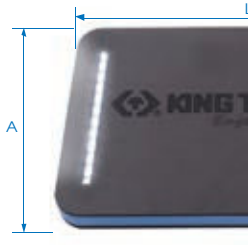


LED Kneeling Mat

9TG12

- Kneeling mat with work lights for under car repair or useful as a head protector
- 24 SMD LED lights
- Brightness: 600 Lumen(lm)
- 3 x AA batteries not included
- Resistant to most of the chemicals and oil

KT NO.	L mm	A mm	B mm	g	
9TG12	460	270	30	320	1 / 25







LED Folding Mat

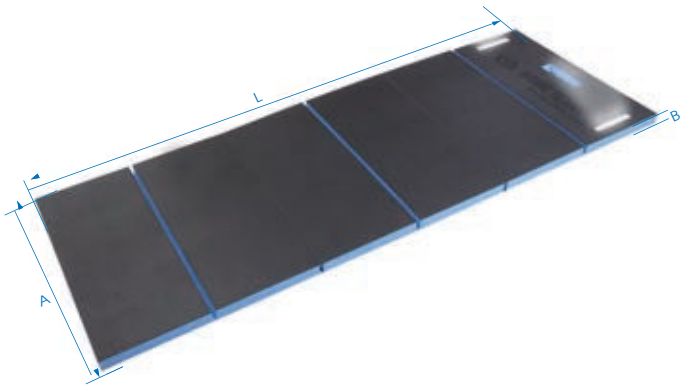
9TG21

- Folding mechanics mat for mechanics sit /kneel and lie on it
- 24 SMD LED lights
- Brightness: 600 Lumen(lm)
- 3 x AA batteries not included
- Folds for easy storage
- Resistant to most of the chemicals and oil





KT NO.	L mm	A mm	B mm	g	
9TG21	1150	420	24	991.6	1 / 10



Wing Protector

9TP11

- Protection from unwanted scratches, dents and dirt
- Magnetic attachment keeps paintwork safe from damage
- Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area

KT NO.	Size mm		
9TP11	1050 x 650	649.0	1 / 8



9TP12 new

- Protection from unwanted scratches, dents and dirt
- Magnetic attachment keeps paintwork safe from damage
- Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area

KT NO.	Size mm		
9TP12	1050 x 650	649.0	1 / 8



9TP22 new

- Protection from unwanted scratches, dents and dirt
- Magnetic attachment keeps paintwork safe from damage
- Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area
- 3 suckers attached

KT NO.	Size mm		
9TP22	1050 x 650	650.0	1 / 8



- Sucker can be strongly adsorbed on the aluminum alloy material





Wheel Axle Oil Drain

9TT21-03 new

- When the professional technician reaches for an oil drainer pan it has to be light yet strong, a convenient size for the task in hand and easily cleaned
- The wheel Axle Oil Drain is designed for HGVs, features a 3 litre capacity and is fits snugly into the dish of the wheel to catch the waste oil as it is drained from the axle. It is also stable on the workshop floor and easy to handle

KT NO.	L mm	W mm	H mm	g	
9TT21-03	316	246	156	390	20



CONTENTS :
- Wheel axle oil drain pan with pouring lip
- Manufactured from PE plastic
- 3 litre capacity

Oil Drain Pan

9TT11-18 new

- This 18 litre Oil Drain Pan includes easy grip, large carrying handles and integral spout for pouring waste oil or fluids into a recycling container. The anti-splash lip prevents spillage. Ideal for draining antifreeze or oil. (Not suitable for spray gun cleaner)

KT NO.	L mm	W mm	H mm	g	
9TT11-18	681	570	130	920	15





CONTENTS :
- 18 litre capacity
- Anti-splash lip
- Integral spout
- Ideal for draining antifreeze or oil
- Meets PAHS regulations

Pneumatic Brake Bleeder

9TV12-02 new

- Air operated, handle trigger and noise-reduction design, easy and quick to use
- Replace the old brake fluid without leakage
- With 1m silicon hose and universal rubber adapter







KT NO.	Type	Max. Capacity	Working pressure (Psi)	Temperature range	Air inlet	g	
9TV12-020	European	2 L	40~170	-19°C~60°C	1/4"	1050	1 / 12
9TV12-021	American	2 L	40~170	-19°C~60°C	1/4"	1050	1 / 12

10L Pneumatic Oil(Atf) & Liquid Despenser

9TV13 new

- Use to extract, transfer and dispense fluid quickly, safety and cleanly
- Non-spark, one man in same step can operate
- Provide with the safety valve, pre-setting 43 psi (3 Bar), the exceed pressure will be relief automatically
- Provide with the pressure gauge, can be read & control the pressure in the tank more easily
- Provide 2 way control valve for dispensing more safety
- 8 PC. one touch transportation adapter









KT NO.	Max. Capacity	Working pressure (Psi)	Temperature range	Air inlet	g	
9TV13-100	10 L	90	-19°C~140°C	1/4"	4.75	1

Manual Fluid Extractor

9TV21-09 new

- Capacity : 9 litre
- Use for extracting all types of engines oil, transmission fluid and lubricants of cars, marine, stationary, motorbikes engines etc...





KT NO.	Max. Capacity	Temperature range	g	
9TV21-09	9 L	-19°C~90°C	4750	1 / 2

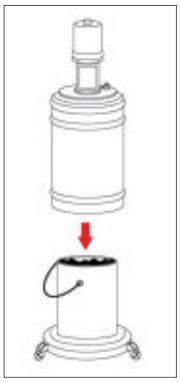


- Silicon hose x 1.2 m
- Nylon hose x 1.1 m
- Nylon hose x 1.0 m

Pneumatic Grease Pump 20L

9TU11 new

- The barrel body is made of high-grade steel plate. It can contain 5 gallons of barrel packed grease from all nations around the world
- Suitable for all sorts of machinery, vehicles, airplanes, ships, etc. The efficient instrument for infusing grease powerfully for lubrication & maintenance purpose
- Pump of separate type: utilize the principle of liquid getting pumped & driven by air compressor to draw in liquid. There are two independent & separate cycle systems of pump out there, which prevents air- compressor-exhaust moisture from getting to the grease inside the barrel and deteriorating its quality





KT NO.	Capacity	Air Input Pressure (bar)	Air Input Pressure (psi)	Pressure Ratio	Grease Output Pressure (bar)	Grease Output Pressure (psi)	Deliver Rate (cc/sec)	Hose Length (ft)	kg	CUFT
9TU11-20	20 L	4-9	60-130	45:1	180-405	2700-5850	30	10	21.0	6.4

Hand Grease Pump 20L

9TU21 new

- 20L tank for 5 gallons grease oil
- Suitable for #00,#0,#1,#2 grease oil
- Included 1.8m length hose & pistol sprayer
- 1/4" High pressure 10,000 psi W.P oilfield hose
- Portable equipment with single pull handle
- Suitable for all sorts of machineries, vehicles, airplanes, ships, etc







KT NO.	Capacity	Transmission rate	Hose Length	N.W.	G.W.	CUFT
9TU21-20	20 L	4 cc/stroke	1.8 m	7 Kg	9.5 Kg	2.2'

Oil Transfer Bucket Pump 20L

9TW21 new

- Lever pump 20 L tank for oil
- Suitable for diesel fuel, lubricating oils up to SAE90 and
- Non-corrosive fluids.
- Included 1.8m length hose & sprayer
- Portable equipment with single pull handle





KT NO.	Capacity	Deliver Rate	Hose Length	Outlet tube	N.W.	G.W.	CUFT
9TW21-20	20 L	65 cc/stroke	1.8m	3/8"	7 Kg	9.5Kg	2.2'

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



9 PC.

Spec.	Contents	0.30 kg / 6 / 48
Standard arm	1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

ST20213MR new



13 PC.

Spec.	Contents	1.88 kg / 2 / 8
Standard arm hex-head key	1145MR	H2, H2.5, H3, H4, H5, H6, H7, H8, H10, H12, H14, H17, H19

ST20219MY



9 PC.

Spec.	Contents	0.30 kg / 6 / 48
Standard arm	1145MY	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

ST20219MY1



9 PC.

Spec.	Contents	0.28 kg / 10 / 80
Standard arm	1145MY	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

ST20219SY



9 PC.

Spec.	Contents	0.28 kg / 10 / 80
Standard arm	1145SY	5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8

ST20209MR



9 PC.

Spec.	Contents	0.48 kg / 8 / 48
Extra long arm	1125MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

ST20207MY



7 PC.

Spec.	Contents	0.54 kg / 8 / 48
Extra long arm	1125MY	H3, H4, H5, H6, H7, H8, H10

ST20208MY



8 PC.

Spec.	Contents	0.48 kg / 8 / 48
Extra long arm	1125MR	H2, H2.5, H3, H4, H5, H6, H8, H10

Hex Key Set

ST20139SY



9 PC.

Spec.	Contents	0.39 / 8 / 64
long arm / ball	1130SY	5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8

ST20139MY



9 PC.

Spec.	Contents	0.37 / 8 / 64
long arm / ball	1130MY	H1.5, H2, H2.5, H3, H4.5, H6, H8, H10

ST20109MR



9 PC.

Spec.	Contents	0.48 / 8 / 48
Extra long arm / ball	1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

ST20407PR



7 PC.

Spec.	Contents	0.13 / 15 / 120
Standard arm / Tamper resistant	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H

ST20120MR



10 PC.

Spec.	Contents	0.35 / 6 / 60
long arm / ball	1130MR	H1.27, H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

ST20419PR



9 PC.

Spec.	Contents	0.47 / 8 / 48
Extra long arm / Tamper resistant	1127R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

ST20220MR



10 PC.

Spec.	Contents	0.48 / 8 / 48
Extra long arm / ball	1120MR	H1.27, H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10

Socket Set

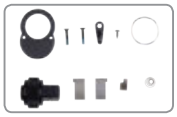
ST2346MR — 1/4"

Blow case size (mm) :
254 x 147 x 46 (0.16 cuft)

46 PC.

Contents		1.06	1 / 12
2335M		4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	
2033		T8, T10, T15, T20, T25, T30, T40	
2035		H3, H4, H5, H6, H7, H8	
2031		PH1, PH2, PH3	
2032		4, 5.5, 7	
2038		PZ1, PZ2, PZ3	
1115-14		H1.27, H1.5, H2, H2.5	
2766-55G	2791	2222-02 2222-04	
2571-45	2312-06	2179	





2766DK

ST4028MR — 1/2"

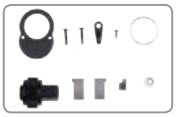
ST4028SR — 1/2"

ST4528MR — 1/2"

ST4528SR — 1/2"

Blow case size (mm) :
387 x 223 x 58 (0.18 cuft)

24 PC.



4766DK



ST4028MR/ST4528MR

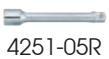


ST4028SR/ST4528SR

KT NO.		Contents		1.06	1 / 4
ST4028MR	4330MRC	8, 9, 10, 11, 12, 13, 14, 15, 16 17, 18, 19, 21, 22, 24, 27, 30, 32	463021HC		
ST4028SR	4330SRC	5/16", 3/8", 7/16", 15/32" 1/2",9/16", 19/32", 5/8", 11/16" 3/4", 25/32", 13/16", 7/8" 15/16",1", 1-1/16", 1-3/16", 1-1/4"			
ST4528MR	4335MRC	8, 9, 10, 11, 12, 13, 14, 15, 16 17, 18, 19, 21, 22, 24, 27, 30, 32	463521HC		
ST4528SR	4335SRC	5/16", 3/8", 7/16", 15/32" 1/2",9/16", 19/32", 5/8", 11/16" 3/4", 25/32", 13/16", 7/8" 15/16",1", 1-1/16", 1-3/16", 1-1/4"			



4766-10G



4251-05R
4251-10R



4572-12



4791

Socket & Wrench Set

SC7083MR

SC7583MR 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)





83 PC.

5.65 1 / 4

KT NO.	Contents
SC7083MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 4330MRC 14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32 463016R 463021R
SC7583MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 4335MRC 14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32 463516HC 463521HC

1060 8, 10, 11, 12, 13, 14, 17, 19

2031 PH1, PH2

2032 4, 5.5, 6.5

2033 T8, T10, T15, T20, T25, T27, T30

2035 H3, H4, H5, H6

2038 PZ1, PZ2

1836P PH3, PH4

1836S 8x1.2, 10x1.6, 12x2.0

1836T T40, T45, T50, T55

1836H H8, H10, H12, H14

1836Z PZ3, PZ4

2791
4791RH

2766-55G

4766-10G

79831

2179DF

4251-05RH

2222-02
2222-04

2312-06

4222-10

2571-45

7702-25

3824

414810S

Socket & Wrench Set

SC7096MR new

SC7596MR 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)



96 PC.

6.22 1 / 4

KT NO.	Contents	
new SC7096MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2031 PH1, PH2
	2230M 6, 7, 8, 9, 10, 11, 12, 13	2032 4, 5.5, 6.5
	4230MC 14, 15, 17, 19, 22	2033 T8, T10, T15, T20, T25, T27, T30
	4330MRC 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	2035 H3, H4, H5, H6
	463016R	2038 PZ1, PZ2
	463021R	1836P PH3, PH4
SC7596MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1836S 8x1.2, 10x1.6, 12x2.0
	2235M 6, 7, 8, 9, 10, 11, 12, 13	1836T T40, T45, T50, T55
	4235MC 14, 15, 17, 19, 22	1836h H7, H8, H10, H12, H14
	4335MRC 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	1836Z PZ3, PZ4
	463516HC	1115-03 1.5, 2, 2.5
	463521HC	

2766-55G
4766-10G
2179DF
4222-10
2222-02
2222-04
4251-05RH
2571-45
3824
2791
4791RH
7702-25
414810S
2745

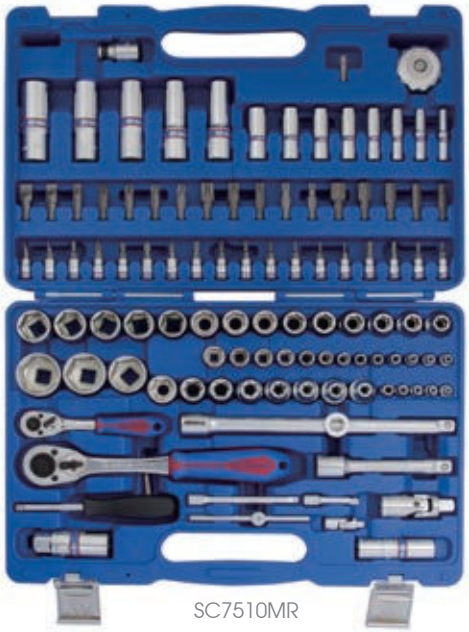
Socket & Wrench Set

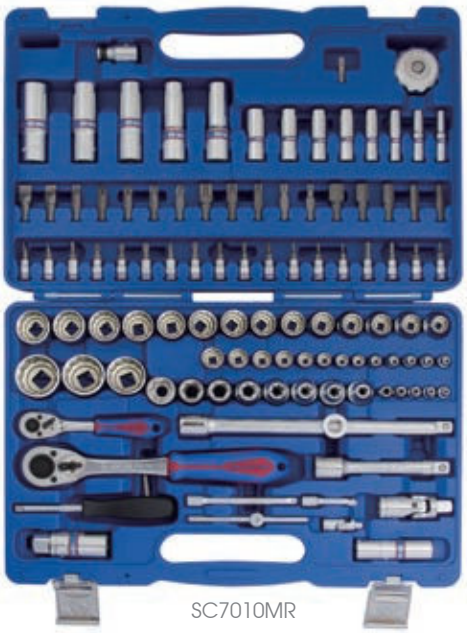
SC7010MR new

SC7510MR 1/4"+1/2"

Blow case size (mm) :
422 x 275 x 85 (0.35 cuft)

110 PC.


SC7510MR


SC7010MR

KT NO. | Contents | 6.90 | 1 / 4

SC7010MR

- 2330M: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
- 2230M: 6, 7, 8, 9, 10, 11, 12, 13
- 4230MC: 14, 15, 17, 19, 22
- 4330M: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32
- 463016R
- 463021R

SC7510MR

- 2335M: 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
- 2235M: 6, 7, 8, 9, 10, 11, 12, 13
- 4235MC: 14, 15, 17, 19, 22
- 4335M: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32
- 463516HC
- 463521HC

Shared contents

- 2375M: E4, E5, E6, E7, E8
- 4375M: E10, E11, E12, E14, E16, E18, E20, E24
- 2031: PH1, PH2
- 2032: 4, 5.5, 6.5
- 2033: T8, T10, T15, T20, T25, T27, T30
- 2035: H3, H4, H5, H6
- 2038: PZ1, PZ2
- 1836P: PH3, PH4
- 1836S: 8x1.2, 10x1.6, 12x2.0
- 1836T: T40, T45, T50, T55, T60
- 1836H: H7, H8, H10, H12, H14
- 1836Z: PZ3, PZ4
- 1115-03: 1.5, 2, 2.5
- 2766-55G
- 4766-10G
- 2179DF
- 4222-10
- 2571-45
- 2222-02
- 2222-04
- 4251-05RH
- 3824
- 2791
- 4791RH
- 7702-25
- 414810S
- 2745

Socket & Wrench Set

SC9043MR new

SC9043MR01 new 1/4"+3/8"+1/2"

Blow case size (mm) :
560 x 400 x 110 (0.87 cuft)

143 PC.





13.7 kg | 1 / 2

KT NO.		Contents	
SC9043MR	79093-03M	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10
		2375M	E4, E5, E6, E7, E8
		3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22
		4330M	8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32
		4375MC	E10, E12, E14, E16, E20
		1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
		1930	8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19
		1145MR	H1.5, H2.0, H2.5, H3.0, H4.0, H5.0, H6.0, H8.0, H10
		1025P	PH0, PH1, PH2, PH3
		1025S	4, 5.5, 7
		1025U	T10, T15, T20, T25, T27, T30, T40
SC9043MR01	79094-03M	1025H	H2, H3, H4, H5, H6, H7, H8, H10
		1025Z	PZ0, PZ1, PZ2, PZ3
		1421	PH2 x 38, PH1 x 80
		1461	PH2 x 100
		1422	6.5 x 38, 5.5 x 75
		1462	6.5 x 150
		463016R	463021R
		2222-02 2222-04 2222-06	3221-03 3221-06 4251-03R 4222-10
		3824	2179DF 2312-06 3781-11F
		2791 3792 4791R	79831 6111-07 2141 6011-10R
		4452-18FR	4581-10 7821-30 3812
		4766-10G	2766-55G

Socket & Wrench Set

SC9543MR

SC9543MR01 1/4"+3/8"+1/2"

Blow case size (mm) :
560 x 400 x 110 (0.87 cuft)





143 PC.

13.7 1 / 2

KT NO.		Contents	
SC9543MR		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10
		2375M	E4, E5, E6, E7, E8
		3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22
		4335MRC	8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32
		4375MC	E10, E12, E14, E16, E20
	79093-03M	1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
		1930	8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19
		1145MR	H1.5, H2.0, H2.5, H3.0, H4.0, H5.0, H6.0, H8.0, H10
		1025P	PH0, PH1, PH2, PH3
		1025S	4, 5.5, 7
		1025U	T10, T15, T20, T25, T27, T30, T40
SC9543MR01		1025H	H2, H3, H4, H5, H6, H7, H8, H10
		1025Z	PZ0, PZ1, PZ2, PZ3
		1421	PH2 x 38, PH1 x 80
		1461	PH2 x 100
		1422	6.5 x 38, 5.5 x 75
		1462	6.5 x 150
		463516HC	463521HC
	79094-03M	2222-02 2222-04 2222-06	3221-03 3221-06 / 4251-03R / 4222-10
		3824	2179DF / 2312-06 / 3781-11F
		2791 3792 4791R	79831 / 6111-07 / 2141 / 6011-10R
		4452-18FR	4581-10 / 7821-30 / 3812
		4766-10G	2766-55G

Tool Trolley

ST87432-5B

ST87434-7B

5 Drawer & 7 Drawer Tool Trolley

- Heavy duty ball bearing slides
- 5"x1-1/4" casters with locking break
- One piece wall constructed and powder coating
- Central locking system
- Oil can holder / optional side pull handle bar
- 2mm anti-slipping rubber top mat
- Overall size: W670 x D460 x H812 mm

ST87432-5B 52
ST87434-7B 60 CUFT 12.64



ST87432-5B



ST87434-7B

Sign List & Index

Internal hexagon	External hexagon	Bi-hexagon	Spline head	Spline head - tamper resistant	Internal torx	External torx	External torx - tamper resistant	Double square
torx plus-tamper resistant	torx plus	Ribe bit socket	Phillips head	Slotted head	Pozidriv	Internal square	External square	Ball hex
External square	Ribe socket 12 mm	Ribe socket 10 mm	Axial lock nut	Square	Crowfoot	Hook wrench	Center cut	External circlip
Internal circlip	Max torque	Air inlet	Free speed	Air pressure	Std. bolt size	Air hose	Anvil type	Avg. air consumption
Sound	Vibration level	Thin serrated	Coarse serrated	With opening spring	Round jaws	Half-round jaws	Flat & point jaws	Diameter
(mm) Capacity of open jaw	Soft wire	Medium hard wire	Hard wire	Piano wire	Europe	America & Asia	Australia & New Zealand	English
Australia	Changeable blade	Guide rollers	Cutter wheel	Outside diameter (O.D.)	Wall thickness	Inside diameter (I.D.)		
With bevel	With small bevel	With very small bevel	Without bevel	Diesel engine	Petrol engine	Timing belt	Timing chain	
HGV	Small commercial vehicles	Construction vehicles	Buses	Chassis	Passenger cars	Factory	Engine series	Agricultural machinery
Agricultural machinery-tiller	Motorcycles	Steel construction	Assembly line	410 lumen	15 watt	Adjustment button	11 mm thickness	Magnetic
USB cable	USB changer 5V, 1000mA	3.7V-2200mAh Li-ion battery	Charging time for 4 hours	Lighting for 2.5 hours				
Q'ty / Carton	Q'ty / Box	Q'ty / Blister card	Weight	ISO	CE certificate	VDE certificate	G.S. approval	TUV certificate
1000V	ESD							

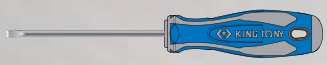
Information-General Safety Recommendations





- Please wear proper safety gear while working.





It all fits together

DIN screwdrivers

Slotted screws

Size	2x0.4	2.5x0.4	3x0.5	3.5x0.6	4x0.8	5.5x1	6.5x1.2	8x1.2	10x1.6
Metric screws									
Flat head 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
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					
erchangeable ratchet Screwdriver	32810	32810		32810				
Two-way screwdriver	2411 1317 2431	2411 1317 2431	1317	1317 2433			1317	32810
Torque Screwdriver							3411	

Internal Torx													
			For torx head screw										
			T5	T6	T7	T8	T9	T10	T15	T20	T25	T27	T30	T40
		mm	1.42	1.70	1.99	2.31	2.50	2.74	3.27	3.86	4.43	4.99	5.52	6.65
Metric screws														
Cheese head M	ISO 4762	DIN 912	*	2	*	2.5		3		4	5	**	6	
Flat head M	ISO 4760	DIN 963 965	*	*	*	2.5		3	3.5	4	5	**	6	8
Oval head M	ISO 7047 2010	DIN 964 966	*	2	*	2.5		3	3.5	4	5	**	6	
Cheese head M		DIN 7984 6912	*	*	*	2.5		3		4	5	**	6	
Oval head M	ISO 7045	DIN 7985	*	2	*	2.5		3	3.5	4	5	**	6	
Flat head M	ISO 10642	DIN 7991	*	*	*	2.5		3		4	5	6	**	8
Self tapping screws														
Pan head B	ISO 7049	DIN 7981 7982	*	2.2	*	2.9		3.5	3.9	4.2 5.5	4.8	**	6.3	
Flat head B	ISO 7050	DIN 7972 7983	*	2.2	*	2.9		3.5	3.9	4.2	4.8 5.5	**	6.3	
Oval head B	ISO 7051	DIN 7973	*	2.2	*			3.5	3.9	4.2	4.8 5.5	**	6.3	8

* Screws for tungsten carbide inserts ** Special screws

Index	
ISO International standard	
DIN German standard	
M Metric screws	Thread diameter
M Set screw metric	Thread diameter
M Metric nut	Thread diameter
B Self tapping screw	Thread diameter
	Symbols
Tool drive = screwdriver socket	
for screws with internal drive	
Took drive = Nutdriver socket	
for screws with head drive	



Bits / Sockets for S size

TORX internal screw										
	T5	T6	T7	T8	T9	T10	T15	T20	T25	T27
S(ref.mm)	1.42	1.7	2	2.32	2.5	2.74	3.28	3.86	4.43	4.99
Screws(ref)	M1.5	M2	M2.5	M2.5	M3	M3/M3.5	M3.5/M4	M4/M5	M4.5/M5	M4.5/M5/M6
	T30	T40	T45	T50	T55	T60	T70	T80	T90	T100
S(ref.mm)	5.52	6.65	7.82	8.84	11.23	13.26	15.54	17.58	19.95	22.16
Screws(ref)	M6/M7	M7/M8	M8/M10	M10	M12	M14	M16	M18	M20	M22

SPLINE										
	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20
S(ref.mm)	3.6	4.8	6	7.2	9.6	11.41	13.22	15.63	16.85	19.25
Screws(ref)	M4	M5	M6	M8	M10	M12	M14	M16	M18	M20

RIBLE										
	M5	M6	M7	M8	M9	M10	M12	M13	M14	M16
S(ref.mm)	5	6	7	8	9	10	12	13	14	16
W(ref.mm)	1.1	1.3	1.4	1.7	1.9	2.2	2.6	3	3.1	3.5
Screws(ref)	M6	M8		M10	M10	M12				

BIT												
	IPR8	IPR9	IPR10	IPR15	IPR20	IPR25	IPR27	IPR30	IPR40	IPR45	IPR50	IPR55
S(ref.mm)	2.19	2.6	2.58	3.1	3.64	4.12	4.71	5.23	6.3	7.38	8.35	10.63

TORX external screw												
	E4	E5	E6	E7	E8	E10	E11	E12	E14	E16	E18	E20
S(ref.mm)	3.83	4.72	5.69	6.17	7.47	9.37	10.03	11.12	12.85	14.71	16.64	18.41
Screws(ref)	M3	M4	M5	M6	M6/M7	M8	M8/M10	M10	M12	M12	M14	M16
	E22	E24	E26	E28	E30	E32	E34	E36	E38	E40	E42	E44
S(ref.mm)	20.24	22.1	23.85	25.65	27.38	29.16	30.96	32.82	34.67	36.37	38.2	39.98
Screws(ref)	M18	M18/M20										

SQUARE					
	0	1	2	3
S(ref.mm)	1.73	2.26	2.84	3.32



Torque Data

mm	mm	mm	Bolts and nuts classes (Metric threads, triangular shape, high pitch,0.15 coefficient)					
			4.8 Torque Nm	5.8 Torque Nm	6.8 Torque Nm	8.8 Torque Nm	10.9 Torque Nm	12.9 Torque Nm
M3	5.5	2.5	0.64	0.8	0.91	1.21	1.79	2.09
M4	7	3	1.48	1.83	2.09	2.78	4.09	4.79
M5	8	4	2.93	3.62	4.14	5.5	8.1	9.5
M6	10	5	5	6.2	7.1	9.5	14	16.4
M8	13	6	12.3	15.2	17.4	23	34	40
M10	16	8	24	30	34	46	67	79
M12	18	10	42	52	59	79	116	136
M14	21	12	67	83	94	127	187	219
M16	24	14	105	130	148	198	291	341
M18	27	14	145	179	205	283	402	471
M20	30	17	206	254	291	402	570	667
M22	34	17	283	350	400	552	783	917
M24	36	19	354	438	500	691	981	1148
M27	41	19	525	649	741	1022	1452	1700
M30	46	22	712	880	1005	1387	1969	2305
M33	50	24	968	1195	1366	1884	2676	3132
M36	55	27	1242	1534	1754	2418	3435	4020
M39	60		1614	1994	2279	3139	4463	5223
M42	65	32	1995	2464	2816	3872	5515	6453
M45	70		2497	3085	3525	4847	6903	8079
M48	75	36	3013	3722	4254	5849	8330	9748
M52	80		3882	4795	5480	7535	10731	12558
M56	85	41	4839	5978	6832	9394	13379	15656
M60	90		6013	7428	8490	11673	16625	19455
M64	95	46	7233	8935	10212	14041	19998	23402

* In order not over-tighten the fastener, please refer manufacturer's service manual, or TORQUE DATA for tightening torque information.
* Torque tightening is refer to "thread dimension" of screw, which is M3~M64 size mention above table.



Torque Conversion

Units to be	Corresponding unit					
	lbf.in	lbf.ft	kgf.cm	kgf.m	cN.m	N.m
1 lbf.in	1	0.083	1.152	0.0115	11.3	0.113
1 lbf.ft	12	1	13.83	0.138	135.6	1.356
1 kgf.cm	0.868	0.072	1	0.01	9.807	0.098
1 kgf.m	86.8	7.233	100	1	980.7	9.807
1 cN.m	0.088	0.007	0.102	0.001	1	0.01
1 N.m	8.851	0.738	10.20	0.102	100	1

1 Nm = 0.738 ft.lb. = 8.85 In.lb. = 0.10 Kgf.m = 10.20 Kgf.cm

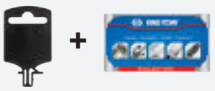
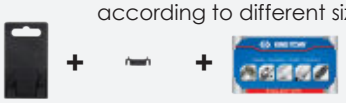
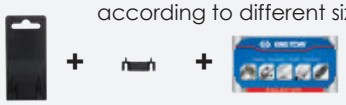
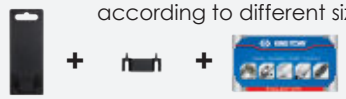
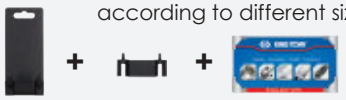
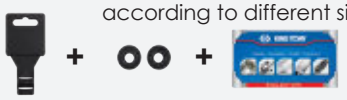


Torque Data

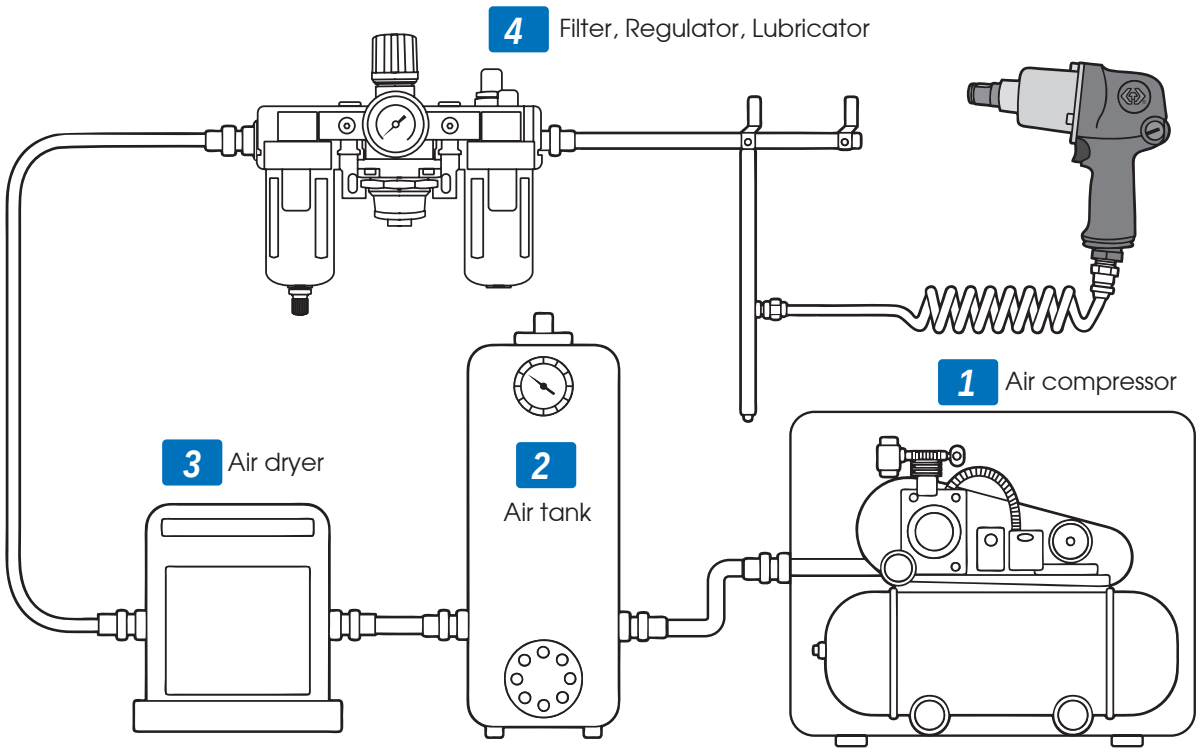
inch	threads per inch	Bolts and nuts classes (SAE threads, triangular shape, high pitch 0.15 coefficient)			
		307A A Torque Ft·lb	5 Torque Ft·lb	8 Torque Nm	9 Torque Nm
Coarse Thread Series					
1/4	20	32 in-lbs	76 in-lbs	107 in-lbs	126 in-lbs
5/16	18	66 in-lbs	157 in-lbs	221 in-lbs	259 in-lbs
3/8	16	10	23	33	38
7/16	14	16	37	52	61
1/2	13	24	57	80	94
9/16	12	35	82	115	135
5/8	11	48	113	159	186
3/4	10	85	200	282	331
7/8	9	136	322	455	533
1	8	204	483	681	799
1-1/4	7	409	840	1363	1597
1-1/2	6	711	1462	2371	2779
Fine Thread Series					
1/4	28	37 in-lbs	87 in-lbs	123 in-lbs	144 in-lbs
5/16	24	73 in-lbs	174 in-lbs	245 in-lbs	287 in-lbs
3/8	24	11	26	37	43
7/16	20	18	41	58	68
1/2	20	27	64	90	105
9/16	18	39	91	128	151
5/8	18	54	127	180	211
3/4	16	94	223	315	369
7/8	14	150	355	502	588
1	14	229	542	765	896
1-1/4	12	453	930	1509	1768
1-1/2	12	800	1645	2668	3127

* note: Torque-Tension relationship for ASTM A307 Grade A(SAE J2), SAE J429 Grade 5, SAE J429 Grade 8 & FNL Grade 9 Bolts.
* note: Torque values for 1/4" and 5/16" are in inch-pounds. All other torque values are in foot-pounds.

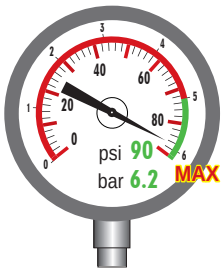
Hanger No. List

	Hanger No.	Suitable Size	Hanger No. (with product)
Socket Hanger for 1/4" DR. Socket	08782100 	1/4"DR. Socket	 KT No. & D1
Socket Hanger for 3/8" DR. Socket	08783100 	3/8"DR. Socket	 KT No. & D1
Socket Hanger for 1/2" DR. Socket	08784100 	1/2"DR. Socket	 KT No. & D1
Socket Hanger for 3/4" DR. Socket	08786100 	3/4"DR. Socket	 KT No. & D1
Hanger for 1/4" DR. Accessories	08782102 	1/4"DR. Ratchet, sliding T-handle, flexible handle	 KT No. & D1
Hanger for 3/8" DR. Accessories	08783102 	3/8"DR. Ratchet, sliding T-handle, flexible handle	 KT No. & D1
Hanger for 1/2" DR. Accessories	08784102 	1/2"DR. Ratchet, sliding T-handle, flexible handle	 KT No. & D1
Hanger for Wrench	8781103 choose suitable hangers according to different sizes 	For example,1060 6~9mm	 KT No. & D1
Hanger for Wrench & Nut Spinner	8781100 choose suitable hangers according to different sizes 	For example,1060 10~19mm & nut spinner	 KT No. & D1
Hanger for Wrench	8781101 choose suitable hangers according to different sizes 	For example,1060 20~23mm	 KT No. & D1
Hanger for Wrench	8781102 choose suitable hangers according to different sizes 	For example,1060 24~32mm	 KT No. & D1
Hanger for Speed Wrench	087837(size)KT 	Speed wrench, open-side speed wrench size, 8~24mm	 KT No. & D1
Hanger for Screwdriver	8785100 choose suitable rubber rings according to different sizes 	Screwdriver, hex key, spline L-wrench, star L-wrench, L-type wrench, T-type wrench	 KT No. & D1
Hanger for Power Driving	8785001 	Power driving 9.5mm groove	 KT No. & D1

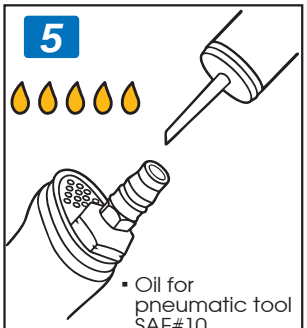
Air supply system :



Preparation

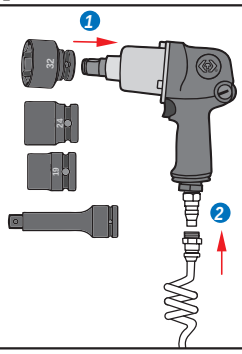


▪ Set the air pressure



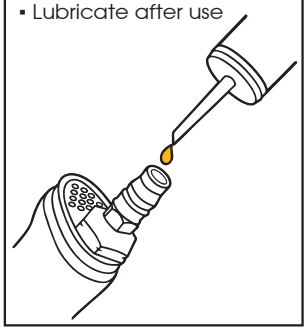
▪ Oil for pneumatic tool SAE#10

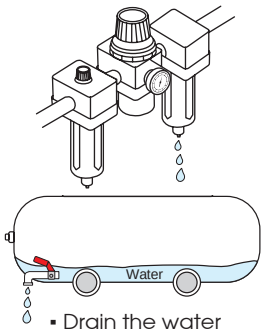
Operation



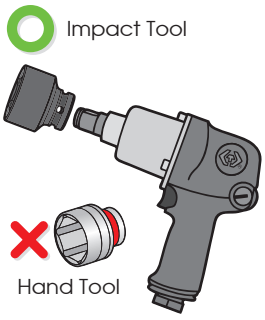
Maintenance

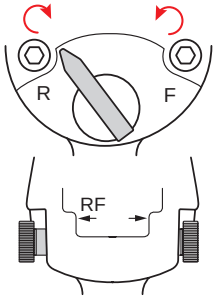
▪ Lubricate after use





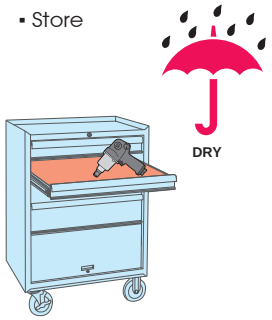
▪ Drain the water

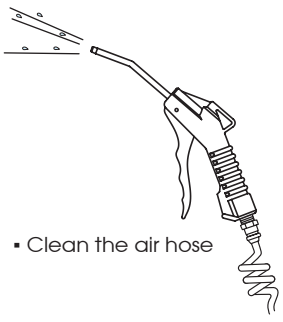




▪ Select the direction

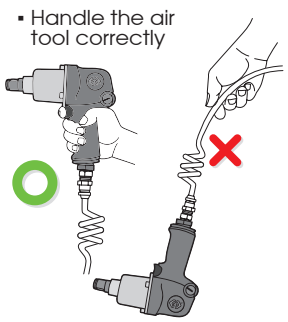
▪ Store

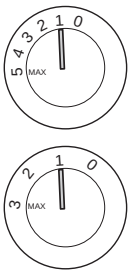




▪ Clean the air hose

▪ Handle the air tool correctly





▪ Adjust the torque

▪ Dispose



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KING TONY Tools Corporation

Gree Space for The Mind

The tall rich green grasses around us grow and give us a sense of a fresh, free feeling, as the gentle winds blow. As the tall grasses grow to reach the blue sky, so do our desires, minds, and work to reach the highest quality of service.

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