



KING TONY

Enjoy your work

2019/20 CATALOGUE

| Quality | Innovation | Health | Enjoyment



Tools Category



Object-Oriented Organization & Tools Storage & Tools System Sets

Hand Sockets & Accessories

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

Impact Sockets & Accessories

(1/4", 3/8", 1/2", 3/4", 1", 1- 1/2", 2- 1/2", 3- 1/2" Drive)

Pneumatic Tools

Torque Control & Multipliers

Wrenches

Pliers

Pipe Tools

Screwdrivers & Hex Key & Bits

Electronic & Electrical

Hammers & Striking Tools

Workshop Tools

(Puller, Riveter, Measuring tool, Cutting)

Lighting

Automotive Tools

(Engine, Undercar, Body, General Series)

ST Series Tools

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



KING TONY

Enjoy your work



Company Profile

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

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

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

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

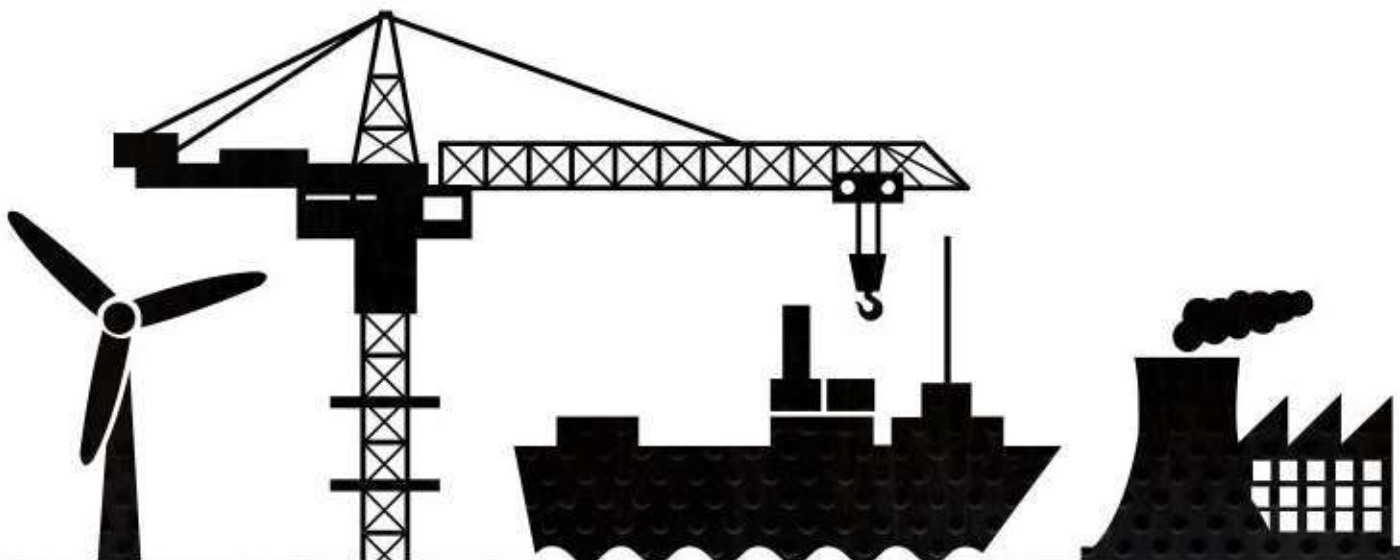


KING TONY

Enjoy your work

VISION

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



BEINSPIRED & MILESTONES

1984 Hot Forge



1989 Tougher Design



1990 Color Code Stripe



1993 Super Standard



1996 Close Tolerance



1999 VDE Safety Grip



2007 Masters of Torque



2012 Dual Colors Stripe



2015 Trustworthy Brand



2018 World Distribution



Branches :

- **France :**
3 Rue des imprimeurs, ZI République Nord,
86000 Poitiers, France
- **Spain :**
Calle de la Alcarria, 7 Bajo 4, 28823 Coslada
- **Belgium :**
16 Boulevard Paepsem, 1070 Anderlecht Belgium

- **Mexico :**
Av San Jose No. 15-A, Col. , Zona Industrial La
Presa, C.P. 54187 Tiainepantia, Edo. De Mexico
- **China :**
No. 3 Building, No.285 Jingmao Rd.,
Industrial Park of Suzhou, Suzhou, Jiangsu, China

KING TONY Distribution





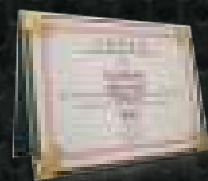
TAIWAN SUPERIOR BRANDS



NATIONAL BRAND YUSHAN AWARD



iF DESIGN AWARD 2016



TAIWAN EXCELLENCE

ISO 14001



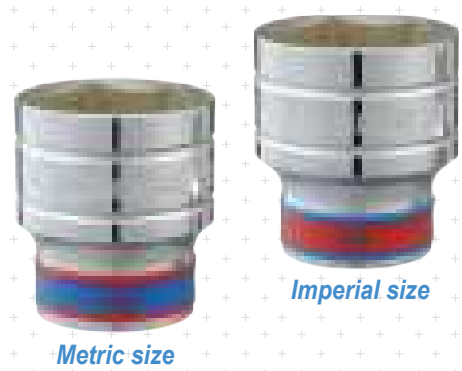
Create to improve, protect where we live, balance environment and human.

Intellectual Property



New Registered Trademark

Please recognize KING TONY's official registered trademark.



Trademark Worldwide Registration

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



15



Torque wrench tester

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



16



Micro-torque tester

Test products with smaller torque such as bits for their durability



17



Vision measuring machine

Measure parts for difficult angle or in the narrow space



Inspection Equipment

03

Rockwell hardness tester

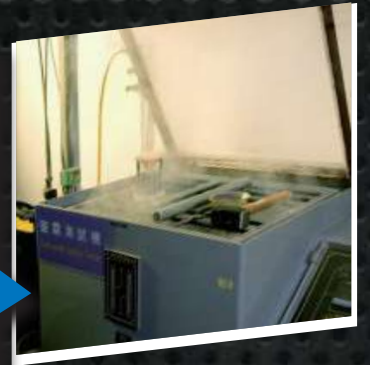
Test the product's hardness to meet KING TONY quality standard



04

Salt-water spray tester

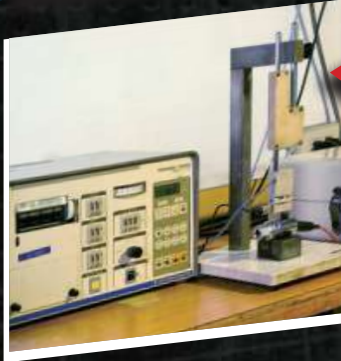
48 HRs environmental simulation test to check product's durability from being rusty



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 tester

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 tester

Ensure products are insulated under the voltage 1000V



01



Hot forge

Heat to take shape and complete fibers to improve durability

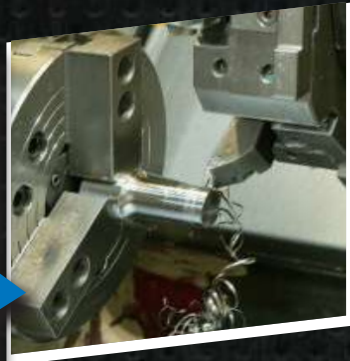


02



Lathing

Control sockets external diameter and the roundness



08



Heat treatment

Enhance product performance to achieve max. hardness



07



Marking

Stamp dimensions, material and manufacturer

09



Vibrating

Remove oxide layer and burrs for surface coating



10



Sand blast

Remove oxide layer and burrs for surface coating



15



Rubber stripe assembly

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



Production Process

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

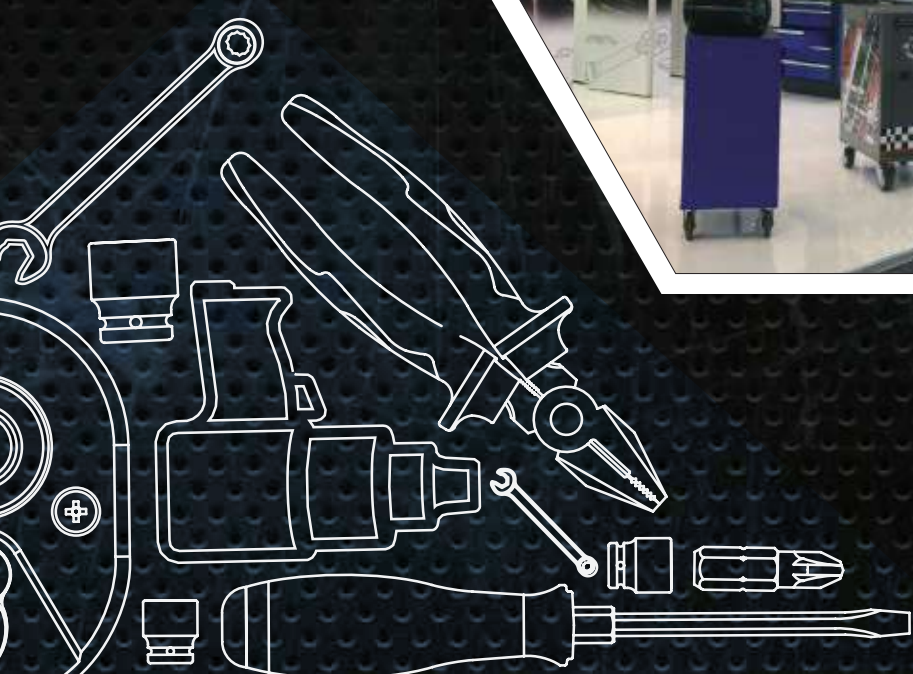
Phosphate sunk

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



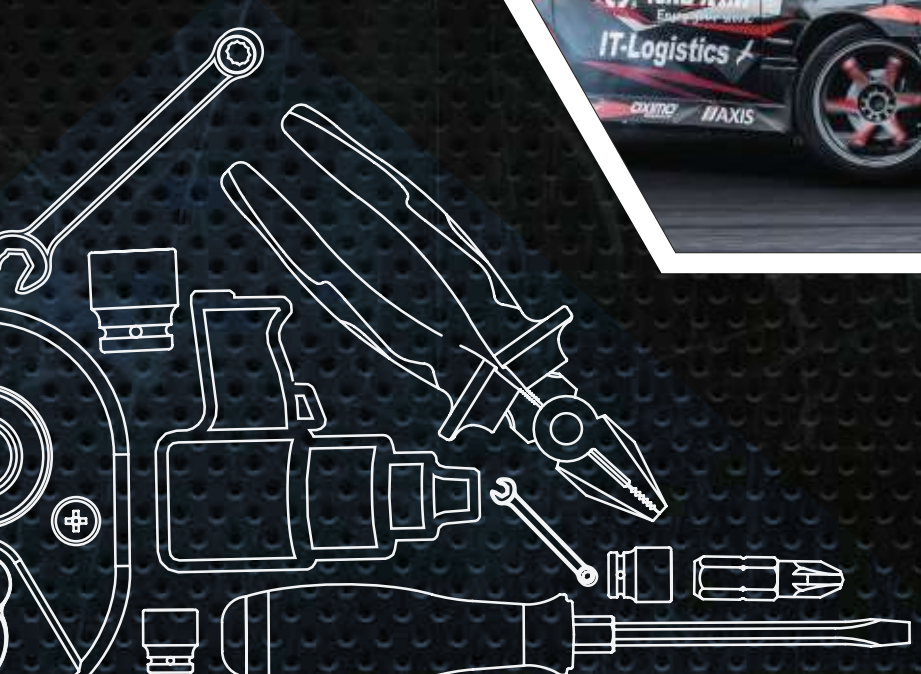
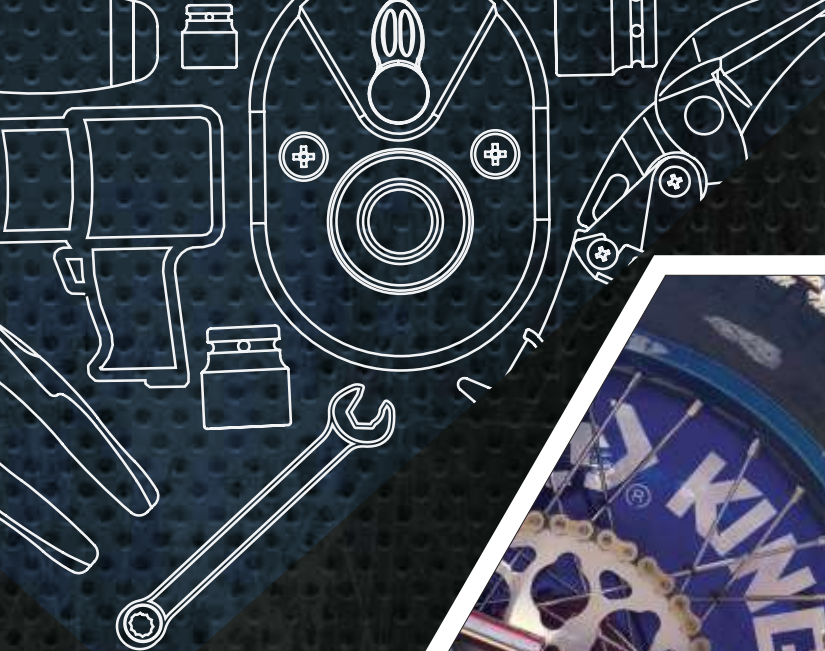
E Exhibitions



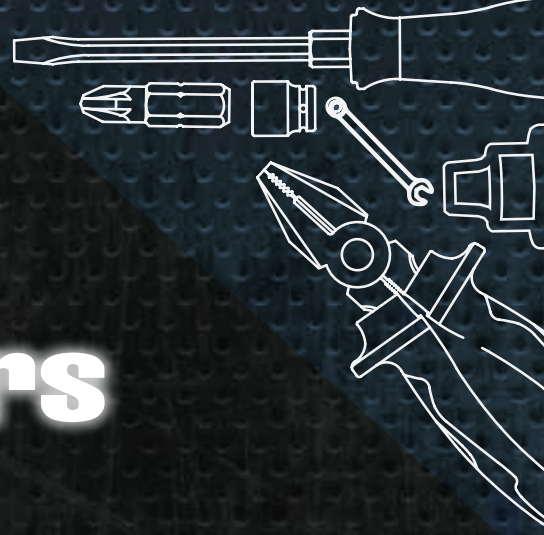


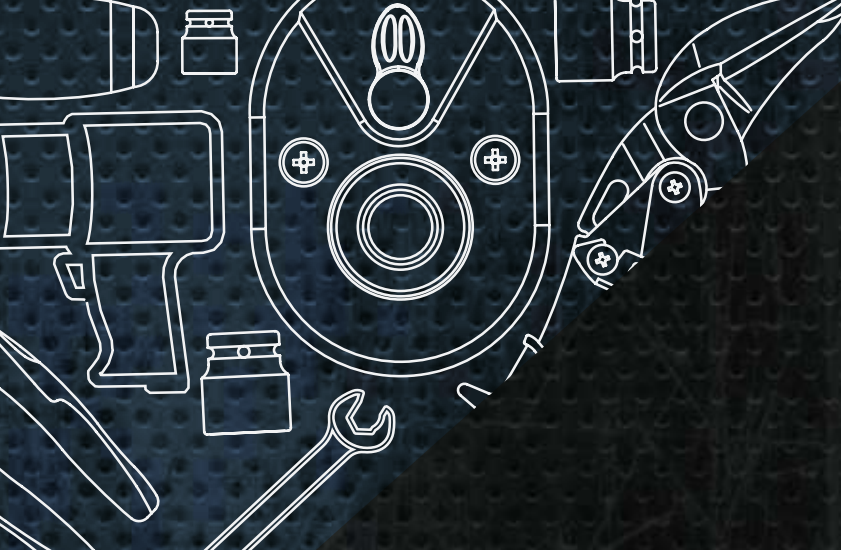
Sponsor & Partnership





Branding to B Target Users

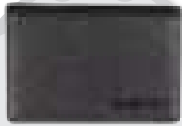




Advertising Materials



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

Windbreaker Jacket



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

Work Clothing

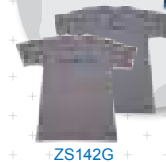
Overall	Shoulder width (inch)	Chest girth (inch)
ZS111A - S	14"	36"
ZS111A - M	15"	37"
ZS111A - L	16"	39"
ZS111A - XL	17"	41"
ZS111A - 2L	18"	42"
ZS111A - 3L	19"	44"

Polo Shirt



ZS142W

ZS142B



ZS142G

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

new T-shirt



ZS108
Leather Belt (Male)



ZS110
Work Hat



ZS116
Size: 68x8K
Golf Umbrella



ZS120-S
Personal Cooler Bag



ZS516
Corkscrew



ZS539
Opener



ZS511
Paper Cup



ZS119
Handbag



ZS540 **new**
Mini multi-tool



ZS522
Key Ring



ZS524
Key Ring



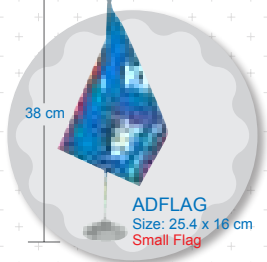
ZS530
Key Ring



ZS533
Key Ring



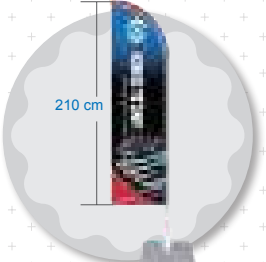
ZS307 **new**
Expanding holder stand



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

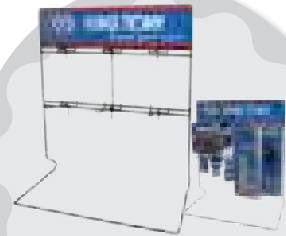


Display Hook
 87301- 494A 4" x Ø 4 mm
 87301- 496A 6" x Ø 5.2 mm
 87301- 498A 8" x Ø 5.2 mm
 87301- 499A 9" x Ø 8 mm

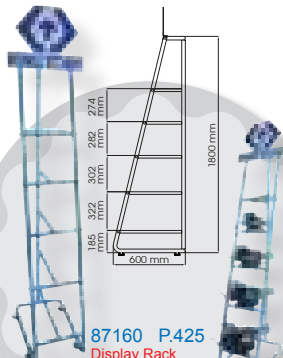
87301
Display Stand
 Overall Size -
 W 950 x D 500 x H 2230 mm
 Attachment-
 1 PC. lamp case
 2 PC. angled steel frame
 2 PC. shelve
 4 PC. steel plate with hole
 40 PC. hooks
 Weight - 50.32 Kg / Cuft - 8.4



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



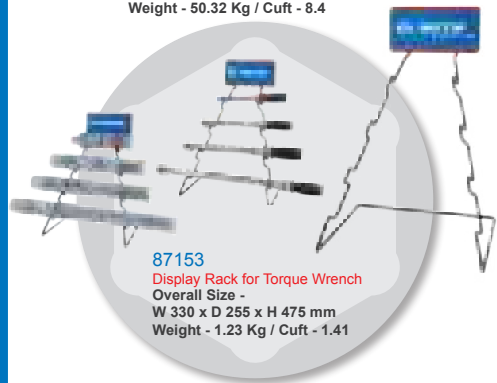
87152
Display Stand
 Overall Size -W400 x D230 x H470 mm
 Weight - 1.20 Kg / Cuft - 1.53



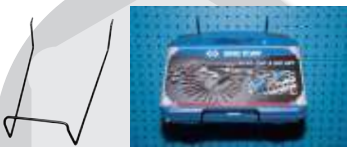
87160 P.425
Display Rack
 Overall Size -
 W 400 x D 600 x H 2070 mm
 Weight - - 15.5Kg / Cuft - 1.6



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



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



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



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



Hangers
 Individual pack
 Housing material - PP
 Lock pin is optional



87105 / 87107 / 87110 / 87111
Screwdriver Shelf
 Overall Size -
 87105-W 595 x D 240 x H 210 mm
 Weight - 3.40 Kg Cuft - 1.97
 87107-W 383 x D 136 x H 130 mm
 Weight - 0.86 Kg
 87110-W 420 x D 240 x H 210 mm
 Weight - 2.50 Kg Cuft - 1.5
 87111-W 655 x D 240 x H 210 mm
 Weight - 3.80 Kg Cuft - 2.2
 Reference:
 87105 (31416MR P.350)
 (31516MR P.350)
 87107 (31419MR P.389)
 87110 (31512MR P.350)
 87111 (31519MR P.350)



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



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



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



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



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



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



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



87108 P.414
Metal Holder for Flat Chisel



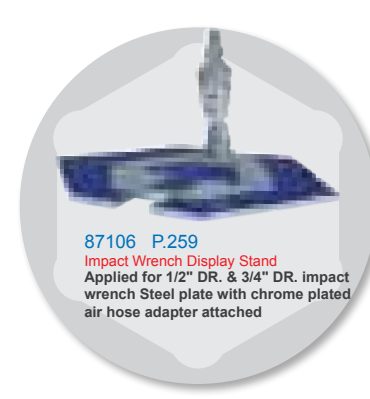
9TE31 P.259
Magnetic Holder for Impact Wrench
 Overall Size -
 W 101 x D 101.5 x H 394 mm
 Weight -1.30 Kg



87102 / 87103
Socket Shelf
 Width can be adjustable to display multiple socket series
 Single serial socket size tab attached
 Overall Size -
 W 415 x D 336 x H 320 mm
 Weight - 6.85 Kg(87102) / 6.37 kg(87103) Cuft - 0.67
 Reference:
 3568MR P.153
 4072MR / 4572MR P.155
 4072SR / 4572SR P.155
 4066MR / 4566MR P.157
 4066SR P.157
 4472MP/4472SP P.206
 4466MP/4466SP P.208



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



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



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

TOOLS STORAGE & TOOLS SYSTEM SETS

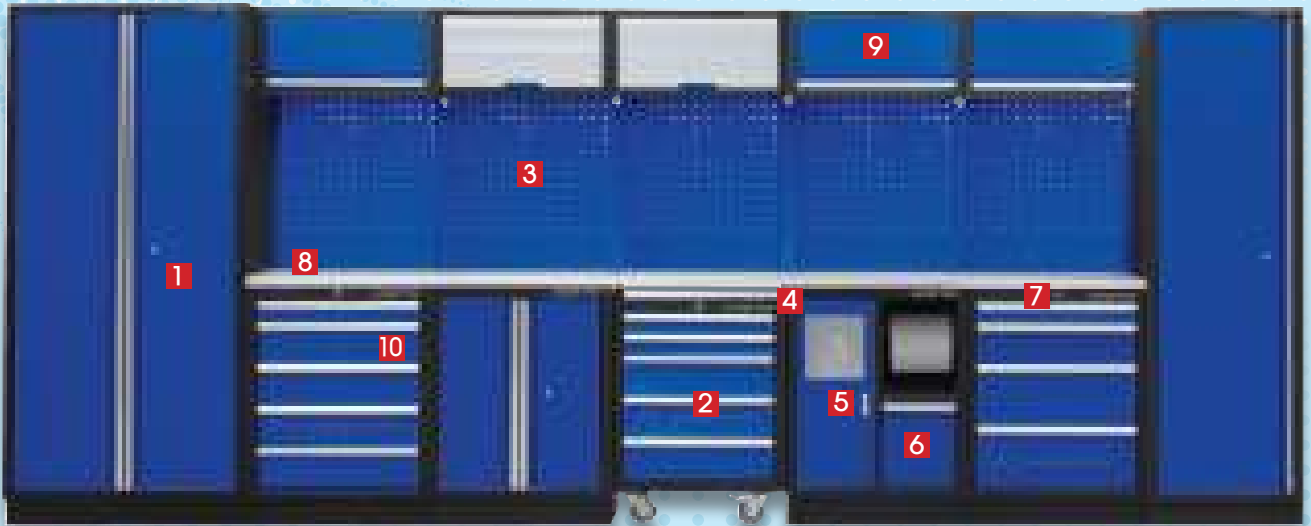
- Object-Oriented Organization
- Tools Trolley
- Workbench
- Tools Chest
- Tools Box
- Handy Case
- Work Chair & Storage Case
- Tools Trolley Set
- Tools Chest Set
- Tools Box Set
- Tools Set Content







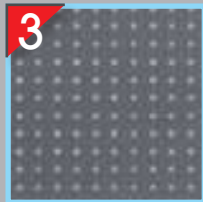
OBJECT-ORIENTED ORGANIZATION



1 5 Flexible / adjustable shelves



2 Ball bearing slides



3 Steel panel for tool storage



4 Concealed handle



5 Hidden knob



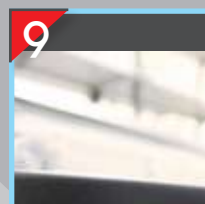
6 Double volume



7 Front centralized locks



8 Stainless steel work surface



9 Cupboard with gas spring



10 The drawer with capacity 30kg



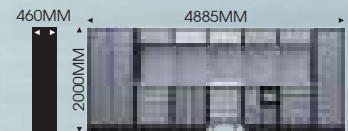
OBJECT-ORIENTED ORGANIZATION

87D11X01SA-KG

Overall: 4885 x 460 x 2000 mm

445.25 CUFT 116.75

Stainless Steel

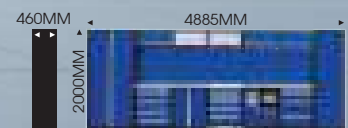


87D11X01SA-KB

Overall: 4885 x 460 x 2000 mm

445.25 CUFT 116.75

Stainless Steel



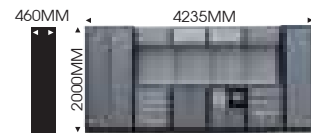


OBJECT-ORIENTED ORGANIZATION

87D11X02SA-KG

Overall: 4235 x 460 x 2000 mm

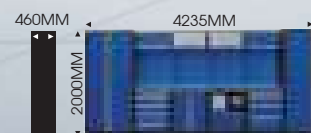
376.20 CUFT 100.30



87D11X02SA-KB

Overall: 4235 x 460 x 2000 mm

376.20 CUFT 100.30





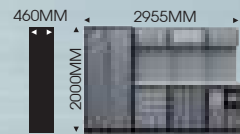
OBJECT-ORIENTED ORGANIZATION

87D11X03A-KG

Overall: 2955 x 460 x 2000 mm

⚖️ 257.65 CUFT 71.39

Wooden Top

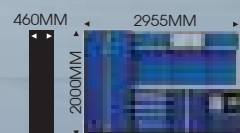


87D11X03A-KB

Overall: 2955 x 460 x 2000 mm

⚖️ 257.65 CUFT 71.39

Wooden Top





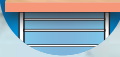
OBJECT-ORIENTED ORGANIZATION

87D11X04A-KG

Overall: 2640 x 460 x 2000 mm

⚖️ 244.65 CUFT 64.91

Wooden Top

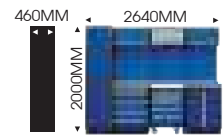
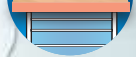


87D11X04A-KB

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

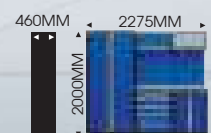


87D11X05A-KB

Overall: 2275 x 460 x 2000 mm

⚖️ 197.60 CUFT 51.90

Wooden Top



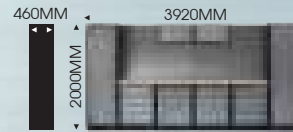


OBJECT-ORIENTED ORGANIZATION

87D11A-KG

Overall: 3920 x 460 x 2000 mm

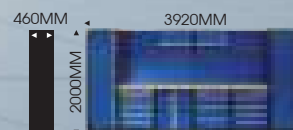
343.2 KG CUFT 89.42



87D11A-KB

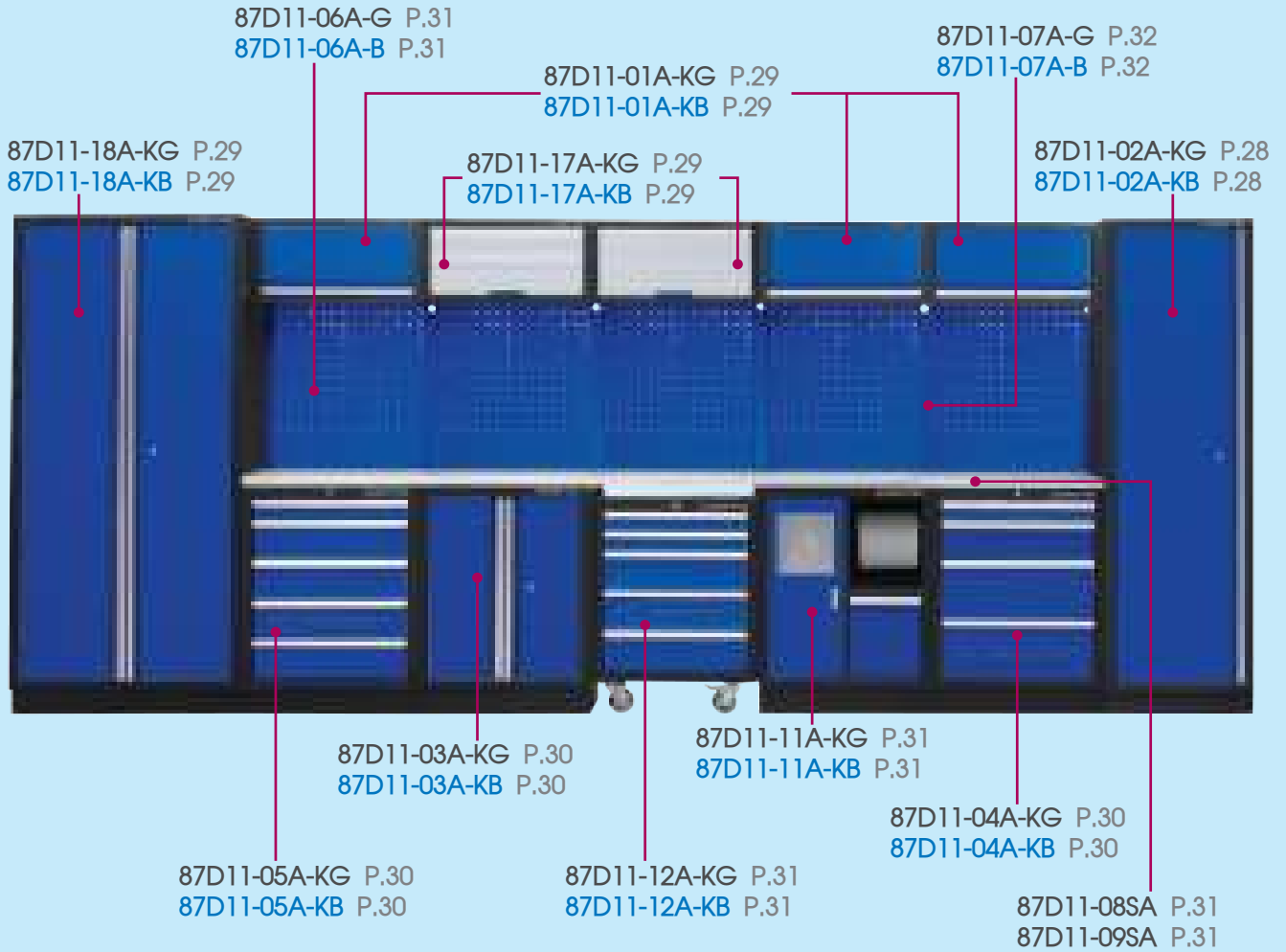
Overall: 3920 x 460 x 2000 mm

343.2 KG CUFT 89.42





OBJECT-ORIENTED ORGANIZATION ACCESSORIES



Tall Cabinet

87D11-02A-KG

87D11-02A-KB



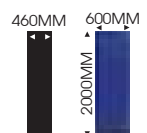
87D11-02A-KG



87D11-02A-KB

87D11-02A-KB

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



Tall Cabinet

87D11-18A-KG


87D11-18A-KB

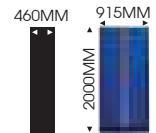


87D11-18A-KG



87D11-18A-KB

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



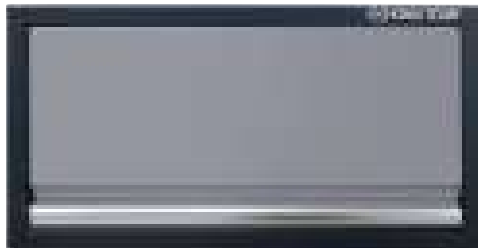
Wall Cabinet

87D11-01A-KG

87D11-01A-KB

87D11-17A-KG

87D11-17A-KB



87D11-01A-KG




87D11-01A-KB

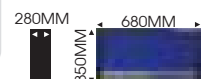


87D11-17A-KG



87D11-17A-KB

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



Opened Door Cabinet

87D11-03A-KG



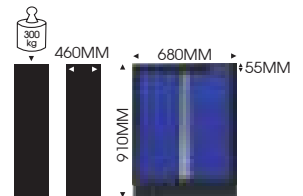
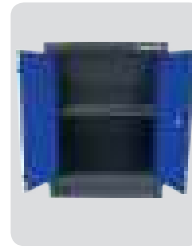
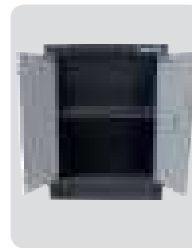
87D11-03A-KG



87D11-03A-KB

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

87D11-03A-KB



Drawer Cabinet

87D11-04A-KG



87D11-04A-KG



87D11-04A-KB

87D11-05A-KG



87D11-05A-KG

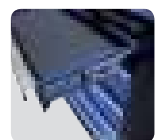
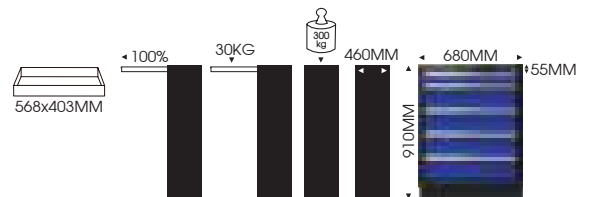


87D11-05A-KB

87D11-04A-KB

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				



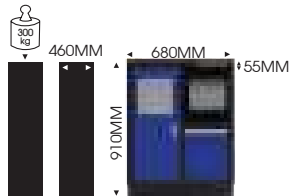
Trash Bin With Paper Holder

87D11-11A-KG

87D11-11A-KB



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



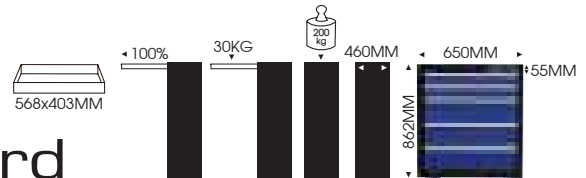
5 Drawers Cabinet

87D11-12A-KG

87D11-12A-KB



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



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 465 x 38	18.75	2.39

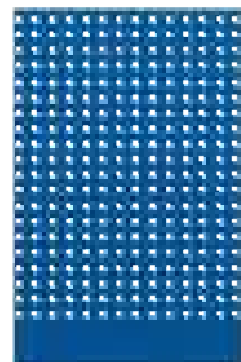
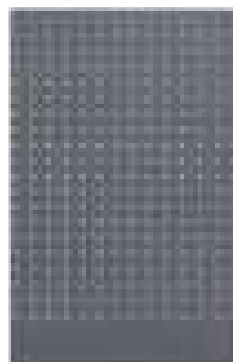


Back Panel

87D11-06A-G

87D11-06A-B

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



87D11-06A-G

87D11-06A-B


Pillar

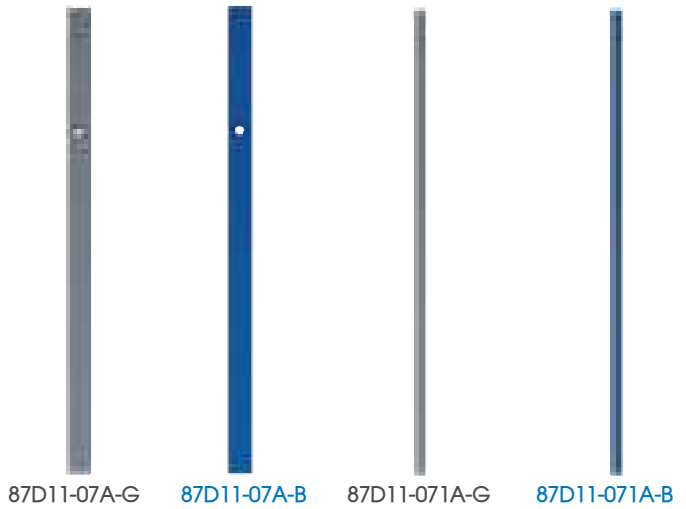
87D11-07A-G

87D11-071A-G

87D11-07A-B

87D11-071A-B

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



OPTIONAL ACCESSORIES

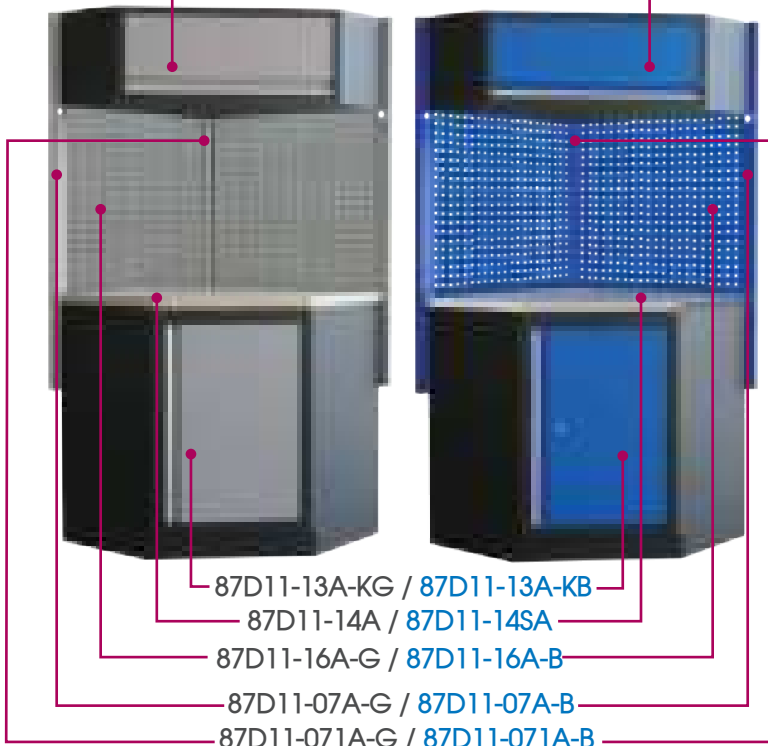
87D11X06SA-KG

87D11X06A-KG

87D11X06SA-KB

87D11X06A-KB

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



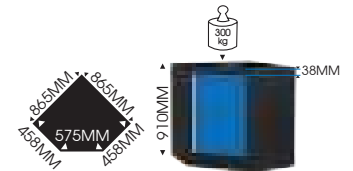
Corner Bottom Cabinet

87D11-13A-KG

87D11-13A-KB



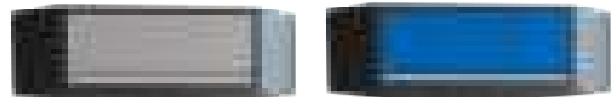
KT NO.	Overall (mm)	KG	CUFT
87D11-13A-KG	865 x 865 x 910	42	7.02
87D11-13A-KB			



Corner Wall Cabinet

87D11-15A-KG

87D11-15A-KB



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



Stainless Steel Board

87D11-14SA



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

Pressed Wooden Board

87D11-14A

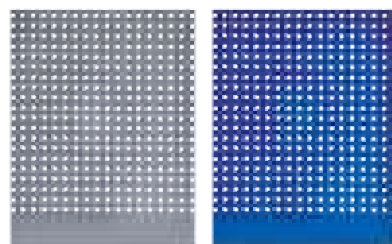


KT NO.	Overall (mm)	KG	CUFT
87D11-14A	680 x 465 x 38	12.5	1.61

Corner Back Panel

87D11-16A-G

87D11-16A-B



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

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



(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



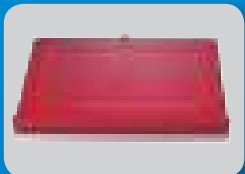
- One piece steel body



75 mm



154 mm



- Embossed & hammed edge drawer increase strength



- Industrial TPR floor brake carters

Accessory

87432-15

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



84087637BKT new

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



87432-23



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

87432-31

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



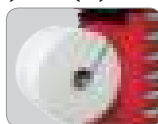
87432-32

- Can holder



87432-52

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



87432-33

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



87432-34

- Bottle side holder



87432-17

- Flat side panel
- Size : 456 x 370mm

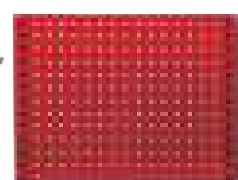


87432-41

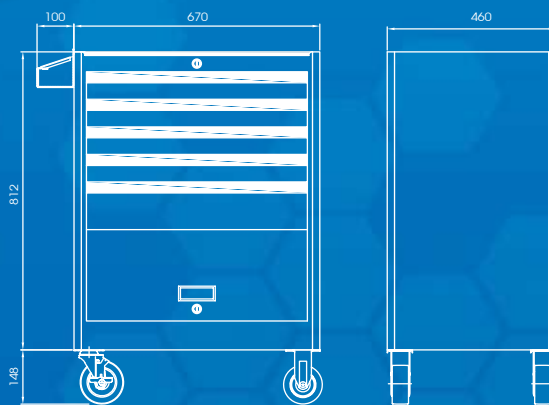
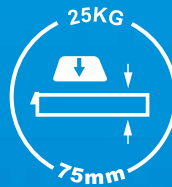
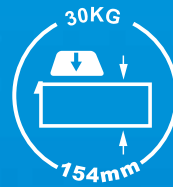
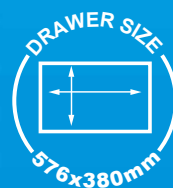
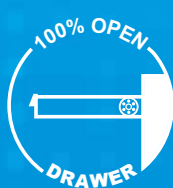
- Work panel
- Size : 656(W) x 500(H) x 30(D) mm



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



Tool Trolley



Tool Trolley Set



P.58-62
P.81-86

EVA Foam



P.65-79

Plastic Tray



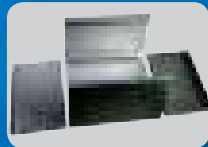
P.96-119



Selective colors:



(Other colors are optional, produce with minimum quantity)



• One piece steel body



• Embossed & hammed edge drawer increase strength




• Central locking system + 10mm top mat



• Add strength and safety

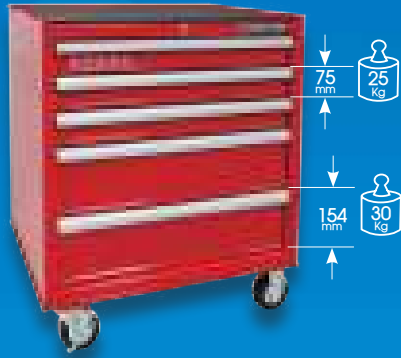


• Industrial TPR floor brake casters

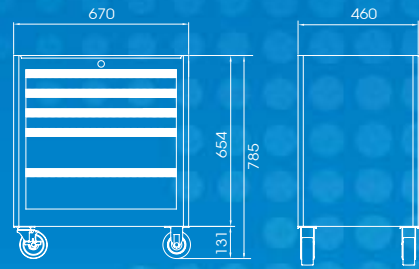
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load	 Kg	CUFT
87432-5B	4 Drawer	576 x 380 x 75	5"x1-1/4"	360 Kg	56	12.24
	1 Drawer	576 x 380 x 154				
	Bulk Drawer	603 x 404 x 234				
87434-7B	5 Drawer	576 x 380 x 75			64	
	2 Drawer	576 x 380 x 154				
87437-8B	7 Drawer	576 x 380 x 75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

Tool Trolley

• Specifically collocate with workbench



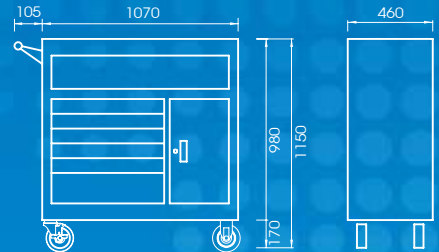
87431-5BE



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



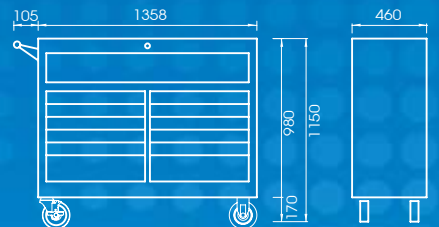
87439-7B



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

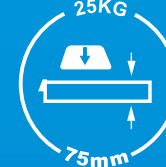
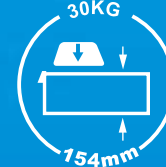


87435-13B



KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Casters	Static load		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



75 mm



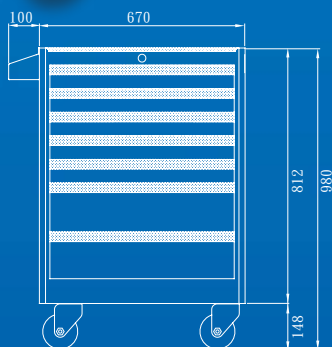
154 mm



Selective colors:

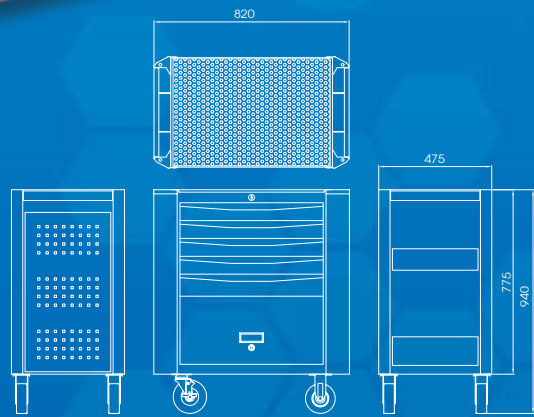
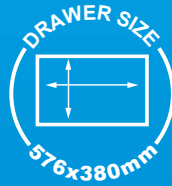
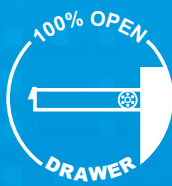


(Other colors are optional, produce with minimum quantity)



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

Classic Bumper Type Tool Trolley



Tool Trolley Set



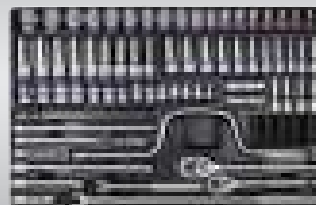
P.58-62
P.81-86

EVA Foam



P.65-79

Plastic Tray



P.96-119



BUMPER



87632-5B

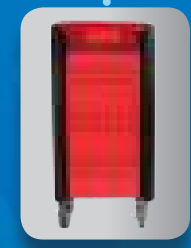
87634-7B

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

Selective colors:



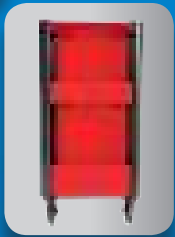
(Other colors are optional, produce with minimum quantity)



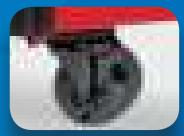
- With bottle tray and side tray



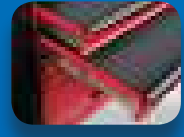
- Embossed & hammed edge drawer increase strength



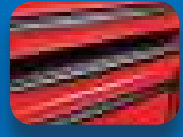
- Multipole space bar to hold other tools



- Industrial TPR floor brake casters



- Ball bearing drawer



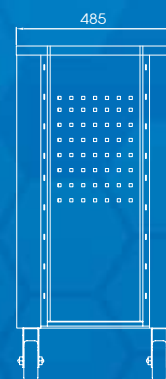
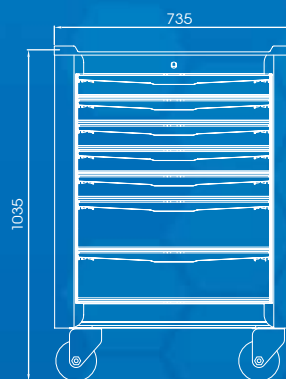
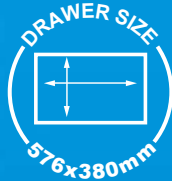
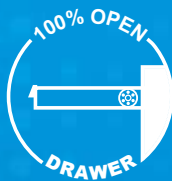
- Black anodized aluminum strip



- Soft bumpers side advioding damage vehicle

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

Risk-Free Bumper Type Tool Trolley



Tool Trolley Set



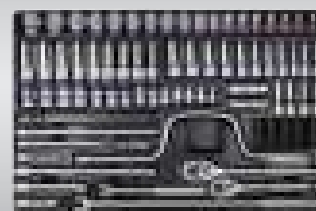
P.58-62
P.81-86

EVA Foam



P.65-79

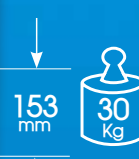
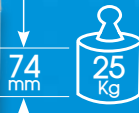
Plastic Tray



P.96-119



JUMPER

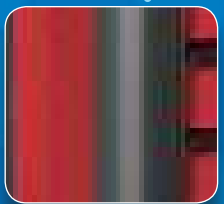


- Smooth to slip with 2 steps safety lock casters
- 5*2"TPR high-performance wheels on roller bearings ,w/brake
- Patent crane hook lock drawer prevent tilting risk
- More space for bottles & hanging
- 100% pull out ball bearing drawer
- Double-wall construction for dust free storage
- Central locking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

Selective colors:



(Other colors are optional, produce with minimum quantity)



• Soft bumpers side avoids damage vehicle



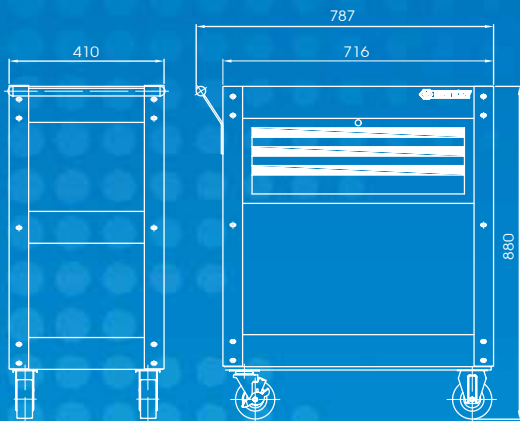
• Black anodized aluminum strip



• Industrial TPR floor brake casters

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

Tool Trolley



87441-1B

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




87441-3B

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

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

3 Reversible Drawers Ball Bearing Type Shelf Trolley



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

Evolution Roller

Evolution
Roller

E.V.O.R



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

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



Optional accessory for evolution roller

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



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



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



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



87502-050
U Shape hook



87502-051
1" Shape hook



87502-061
1" Double hook



9TE11
Magnetic round holder
for parts



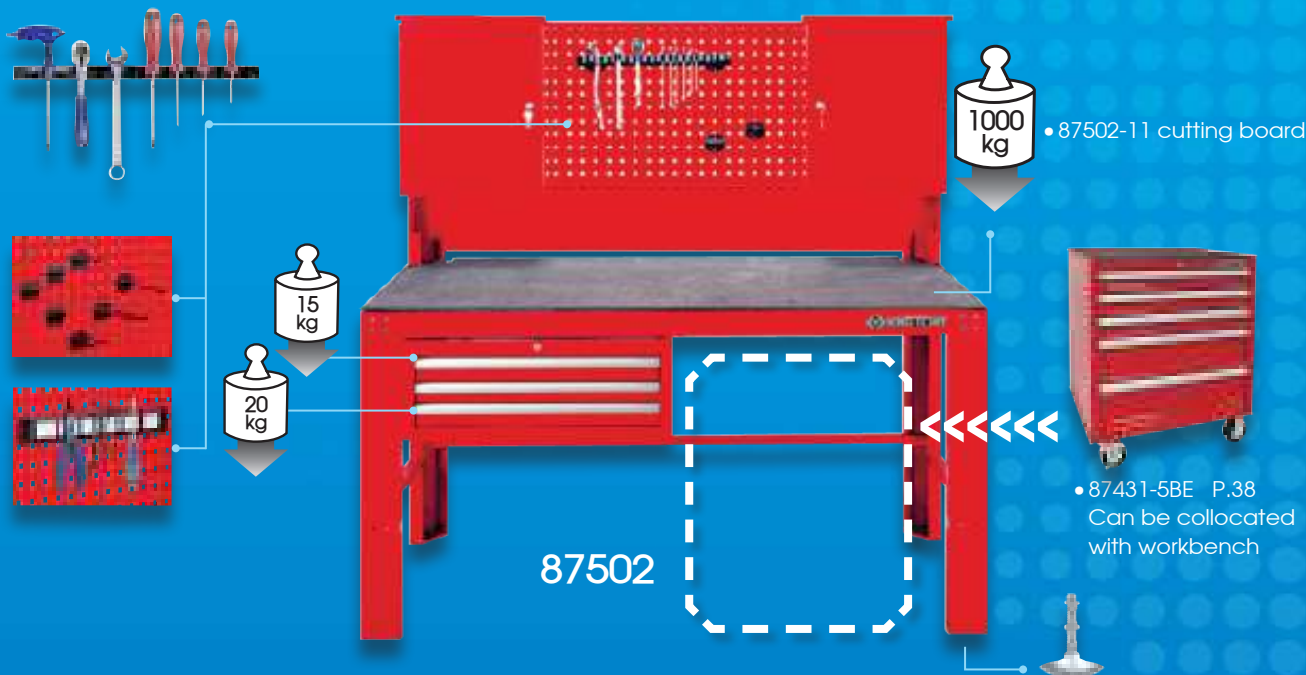
9TE21
Magnetic foldable
holder for T handle



9TE31
Magnetic holder for
impact wrench



Workbench



87502-01

- Tool holder 500mmL



87502-02

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



87502-05

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



87502-06

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



87502-11

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



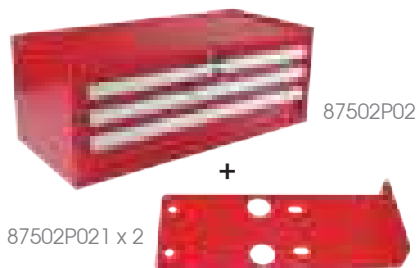
87502-12

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



87502P02

- Drawer chest for workbench



87502P03

- 2 PC. wall cabinets



KT NO.	Spec.	Dimension(mm)		Kg	CUFT
		Width x Depth x Height			
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			

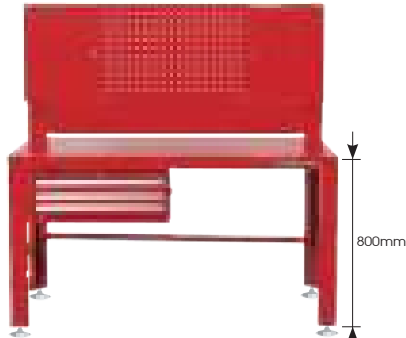
KT NO.	Spec.	Dimension(mm)		Kg	CUFT
		Width x Depth x Height			
87502P03	Overall	400 x 200 x 500		14.00	4.5

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

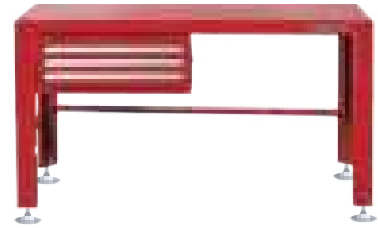
- 2 wall cabinets



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 x 200 x 500	14.00	4.5

87502P91

- 3 drawer chest-ball bearing slide



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

87502P011

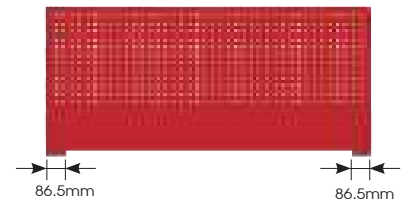
- Workbench



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

87502P012

- Back panel

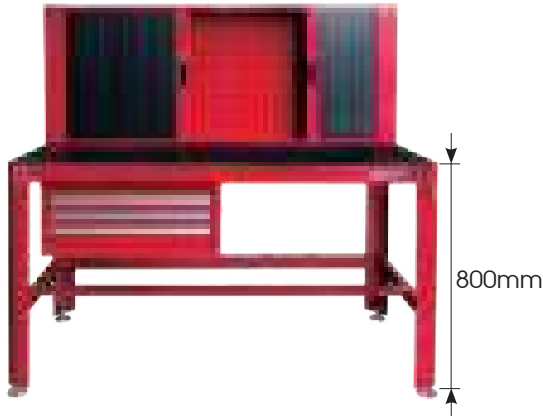


KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87502P012	Overall	1525 x 20 x 700	13.50	2.7

Workbench

87512

- 3 drawer chest ball bearing slide
- 1 wall cabinet



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

87512P01

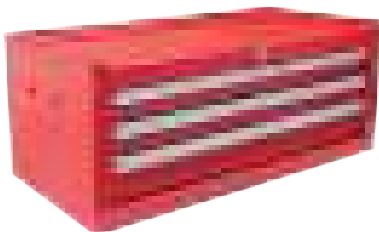
- Workbench



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

87512P02

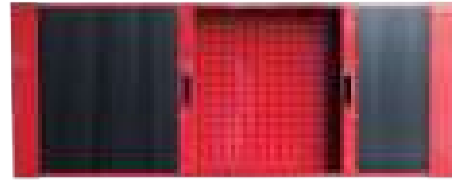
- Drawer chest for workbench



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

87512P03

- Back panel

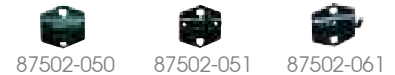


KT NO.	Spec.	Dimension(mm) Width x Depth x Height	kg	CUFT
87512P03	Overall	1559 x 203 x 603	43.30	10.10

Workbench Cabinet with Hooks

87201

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



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



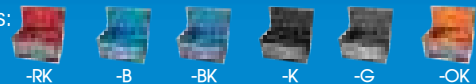
87412-6B



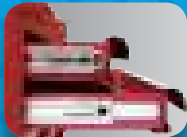
87417-10B
(Extra deep)

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

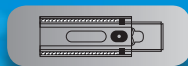
Selective colors:



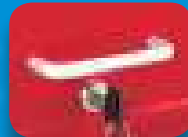
(Produce with minimum quantity)



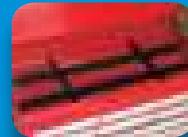
• Ball bearing slides



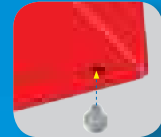
• Steel ball



• 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		

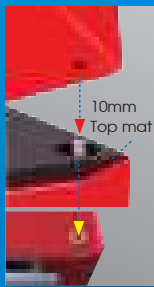
KT NO.	Spec.	Dimension(mm) Width x Depth x Height	Kg	CUFT
87412-4B	Overall	660 x 307 x 374	21.00	3.97
	Top	646 x 290 x 60		
	3 Drawer	569 x 275 x 50		
	1 Drawer	569 x 275 x 75		
87412-6B	Overall	660 x 307 x 374	23.30	3.97
	Top	646 x 290 x 60		
	3 Drawer	170 x 275 x 50		
	2 Drawer	569 x 275 x 50		
87417-10B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

Tool Chest

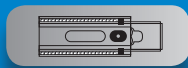
87421-3B



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



• Ball bearing slides



• Steel ball

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

Selective colors:



(Produce with minimum quantity)

Portable Tool Chest



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



87401-2



87401-3



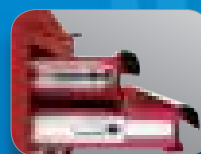
87401-3H

Only 87401-3H:

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	



• 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)		Kg	CUFT
		Width	Depth x Height		
87402	5	470	220 x 260	5.60	1.22
87408	compartments	530	220 x 260	6.70	1.3

87A05 new

87A05-KB new

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



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



87A05



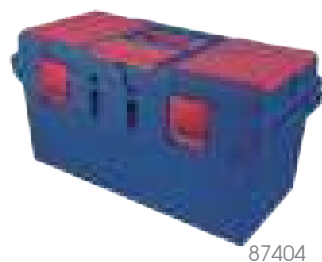
87A05-KB

87404

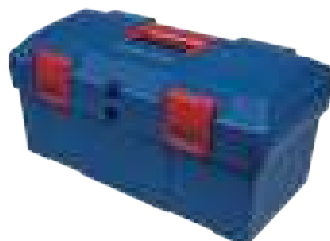
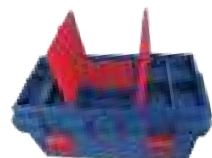
87407

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

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



87404



87407



Fabric Tool Box

87137

- Material : PP
- Parts box

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



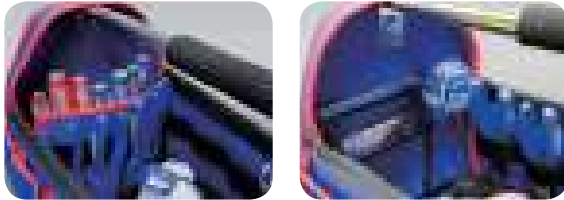
Fabric Tool Bag

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)		Kg	Icon
	Width x Depth x Height			
87711C	550 x 285 x 370		3.00	1 / 1



87721B

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

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



87722B

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

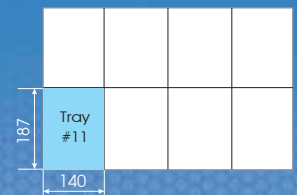
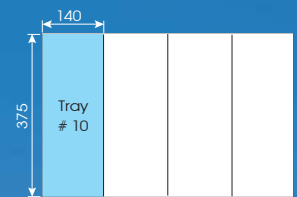
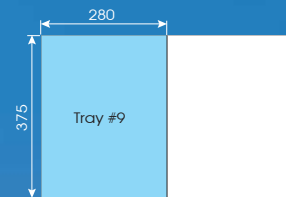
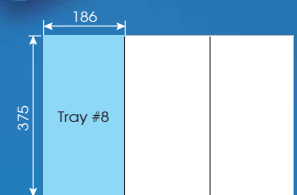
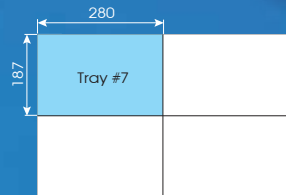
KT NO.	Dimension(mm)		Kg	Icon
	Width x Depth x Height			
87722B	390 x 210 x 320		1.8	1 / 5





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.



Handy Case

820011

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

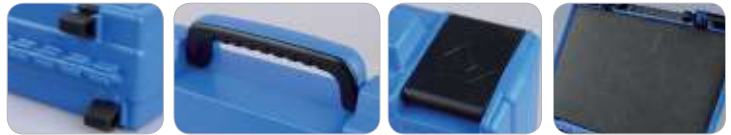
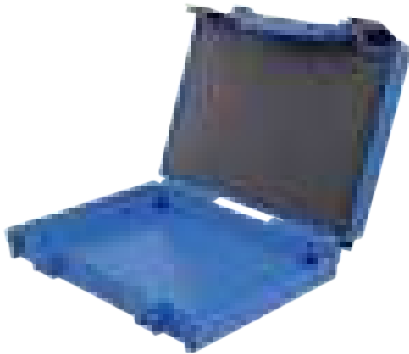


- Steel buckle provides security & strength
- Foam protection against collisions
- Hexagon overlap in 4 corners, easy to file up
- Extra space for thumb taking out

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

82000

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



- Plastic padding for better stable storage
- The hinge construction makes box more durable
- 180° swivel handle easy to carry
- Easy and quick to lock
- Foam protection against collisions



- Hexagon overlap in 4 corners, easy to file up



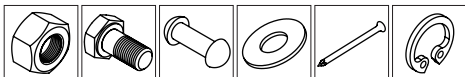
- Extra space for thumb taking out

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

Multi-Storage Case

827011

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



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

KT NO.	Contents		
827011	84700011B	2.19	1 / 4

Plastic Tray

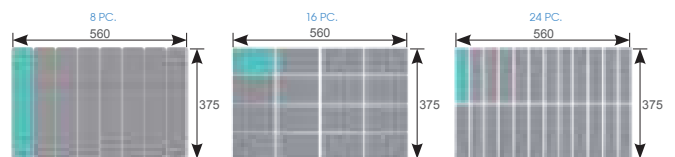
847000

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

84700011B

84700002B

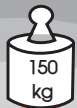
84700003B



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

Mobile Work Chair

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



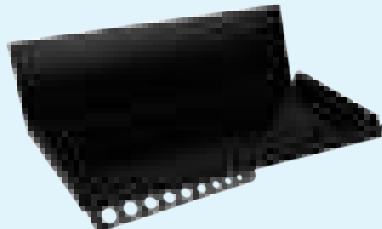
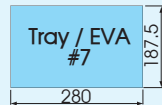
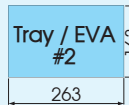
- Four 360° Rotation Spherical Casters



Drawer

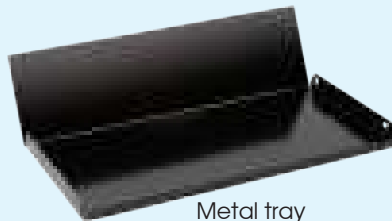
Size : 345 x 195 x 65mm

87452A-B



Metal tray with rack function

87452B-B



Metal tray

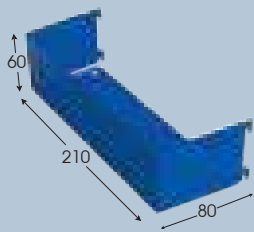
87452C-B



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

- Optional Accessory

87452A1-B





Tools Control & Security Storage System

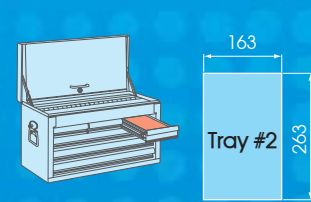
How to complete your tool trolley set and tool chest set



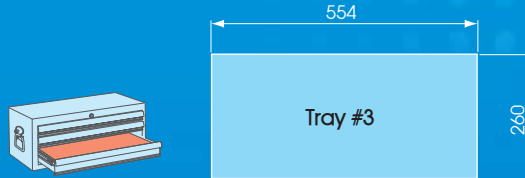
Drawer (646x290 mm)



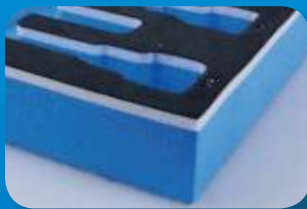
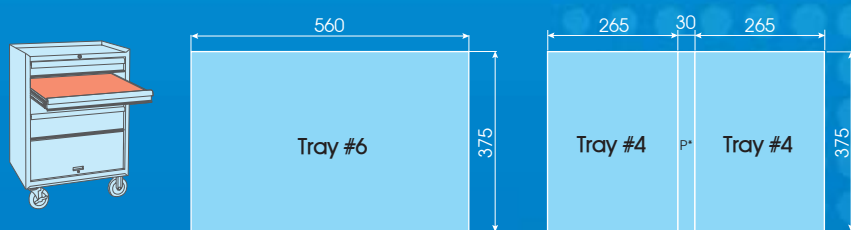
Drawer (172x275 mm)



Drawer (572x275 mm)



Drawer (579x380 mm)



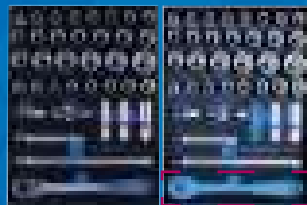
Three-colors fabrication



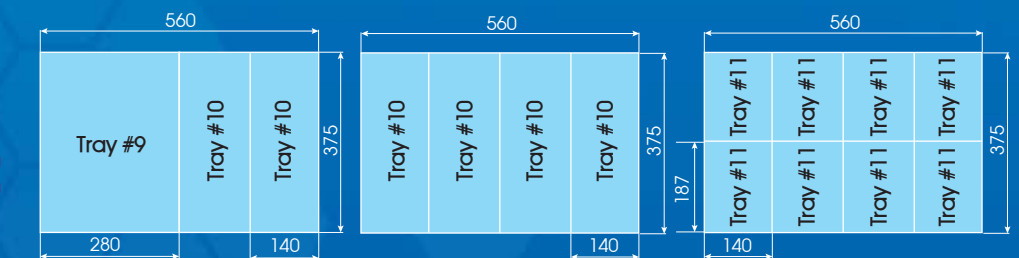
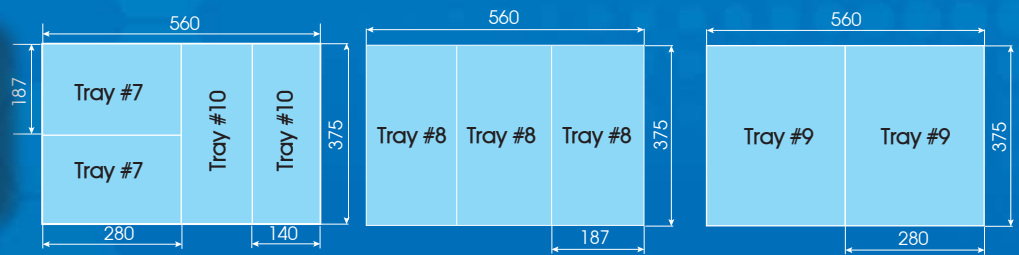
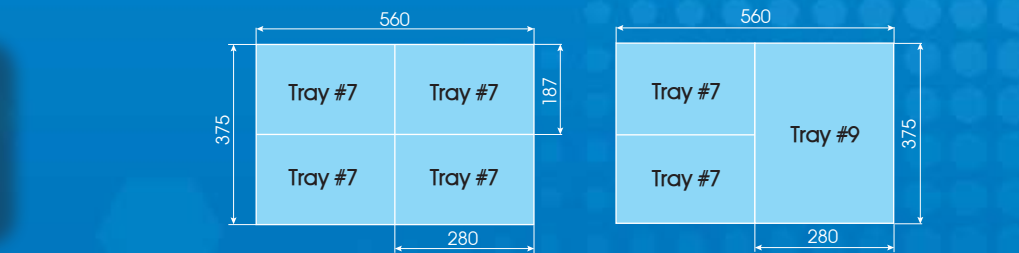
waterproof



Laser marking



Missing tools detected



Security:

Separate spaces for each tools to prevent them being left in dangerous areas

Benefit:

Tools are quickly located and immediately returned after use to avoid loss

3 colors EVA foam offers convenient identification of use with sustained sizes and mark

Efficiency:

A quick glance helps for missing tools

Durable material prevents being dirty for easy maintenance

235
PC.

Tool Trolley Contents



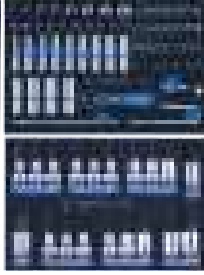
Contents No. 934-235MRVD

24.15 CUFT 2.97

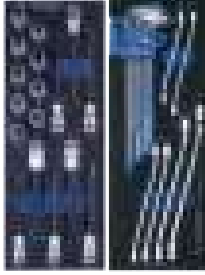
- Special tool set for Automobile, suitable for VOLKSWAGEN-GROUP, MERCEDES-BENZ, OPEL, BMW & Japanese passenger car



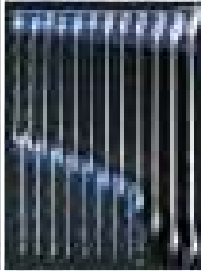
9-4537MRV #9 P.73



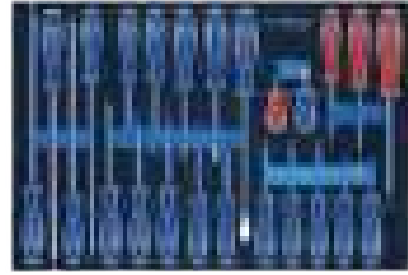
9-2565MRV #7 P.71
9-4129PRV #7 P.71



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



9-1220MRV #9 P.74



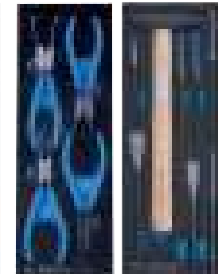
9-31124MRV #6 P.70



9-90119MRV #9 P.74



9-40104GPV #10 P.78
9-40113GPV #10 P.78



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



235
PC.

Tool Trolley Set



88.15
CUFT 15.21



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



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



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



90.29
CUFT 18.61



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



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



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



99.15
CUFT 15.67



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



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



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

286
PC.

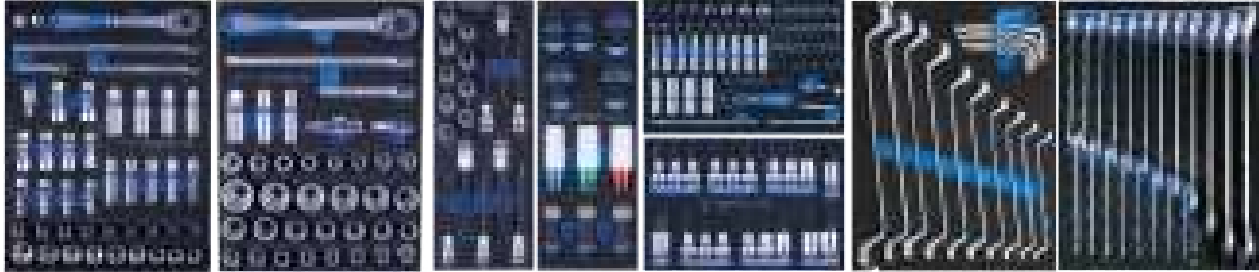
Tool Trolley Contents



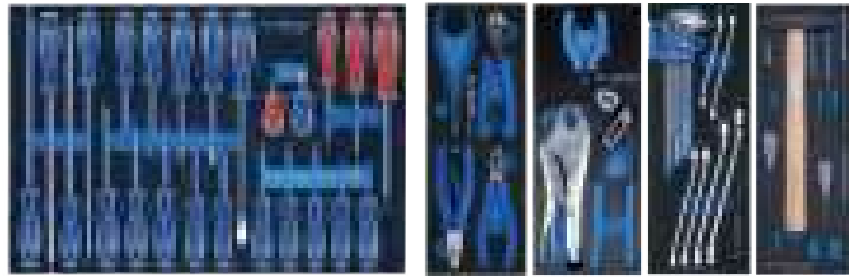
Contents No. 934-010MRVD

KG 28.8 CUFT 2.97

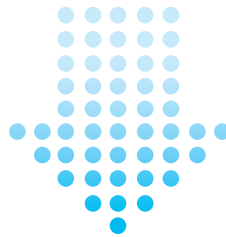
- Special tool set for automobile, suitable for VOLKSWAGEN-GROUP, MERCEDES-BENZ, OPEL, BMW & Japanese passenger car



9-3544MRV #9 P.72 | 9-4537MRV #9 P.73 | 9-4147PRV #10 P.77 | 9-4401MPV #10 P.77 | 9-2565MRV #7 P.71 | 9-4129PRV #7 P.71 | 9-90119MRV #9 P.74 | 9-1220MRV #9 P.74



9-31124MRV #6 P.70 | 9-40104GPV #10 P.78 | 9-40113GPV #10 P.78 | 9-90135MRV #10 P.78 | 9-90118PRV #10 P.79



286
PC.

Tool Trolley Set



KG 92.8
CUFT 15.21



934-010MRV
(87434-7B P.37)



934-010MRV-G
(87434-7B-G P.37)



934-010MRV-B
(87434-7B-B P.37)



KG 94.94
CUFT 18.61



9634-010MRV
(87634-7B P.41)



9634-010MRV-G
(87634-7B-G P.41)



9634-010MRV-B
(87634-7B-B P.41)



KG 103.8
CUFT 15.67



9934F-010MRV
(87934-7BF P.43)



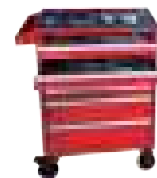
9934F-010MRV-G
(87934-7BF-G P.43)



9934F-010MRV-B
(87934-7BF-B P.43)

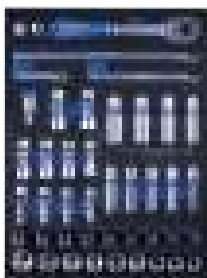
325
PC.

Tool Trolley Contents



Contents No. 934-011MRVD

33.35 CUFT 3.73



9-3544MRV #9 P.72



9-4537MRV #9 P.73



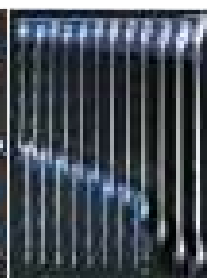
9-2565MRV #7 P.71
9-4143FRV #7 P.71



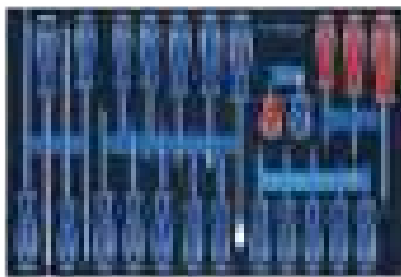
9-1112MRV #9 P.74



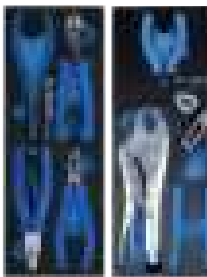
9-90119MRV #9 P.74



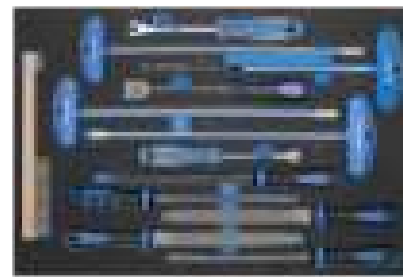
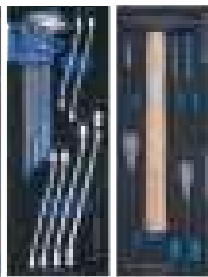
9-1220MRV #9 P.74



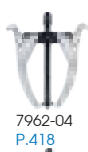
9-31124MRV #6 P.70



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



9-90413TQV #6 P.70

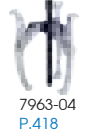


7962-04
P.418



9DC23
P.526

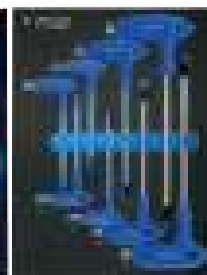
2121-18 P.535



7963-04
P.418



14210212 P.342
14226512 P.342



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



325
PC.

Tool Trolley Set



97.35
CUFT 15.97



934-011MRV
(87434-7B P.37)



934-011MRV-G
(87434-7B-G P.37)



934-011MRV-B
(87434-7B-B P.37)



99.49
CUFT 19.37



9634-011MRV
(87634-7B P.41)



9634-011MRV-G
(87634-7B-G P.41)



9634-011MRV-B
(87634-7B-B P.41)



108.35
CUFT 16.43



9934F-011MRV
(87934-7BF P.43)



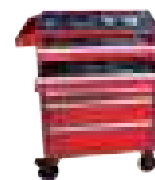
9934F-011MRV-G
(87934-7BF-G P.43)



9934F-011MRV-B
(87934-7BF-B P.43)

327
PC.

Tool Trolley Contents



Contents No. 934-019MRVD **new**

57.2 CUFT 5.44



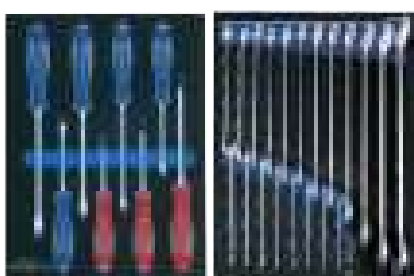
9-9003MRV01 #6 P.68



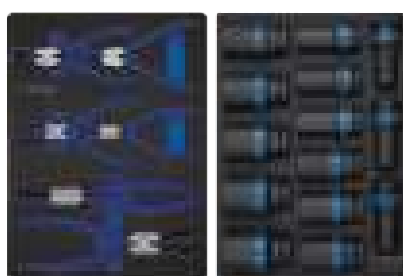
9-6314MRV #6 P.68



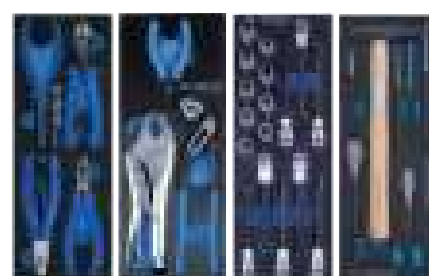
9-99430MFV #6 P.68



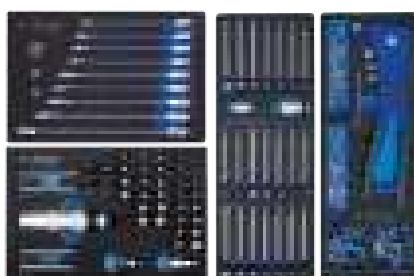
9-30208MRV #9 P.75 | 9-1220MRV #9 P.74



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



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



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



327
PC.

Tool Trolley Set



121.2
CUFT 17.68



934-019MRV
(87434-7B P.37)



934-019MRV-G
(87434-7B-G P.37)



934-019MRV-B
(87434-7B-B P.37)



123.3
CUFT 21.08



9634-019MRV
(87634-7B P.41)



9634-019MRV-G
(87634-7B-G P.41)



9634-019MRV-B
(87634-7B-B P.41)



132.2
CUFT 18.14



9934F-019MRV
(87934-7BF P.43)



9934F-019MRV-G
(87934-7BF-G P.43)



9934F-019MRV-B
(87934-7BF-B P.43)

525
PC.

Tool Trolley Contents



Contents No. 935-525CRVD

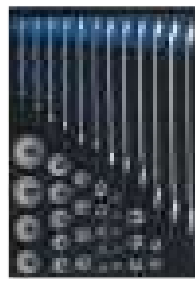
73.49 CUFT 6.51



9-9003MRV01 #6 P.68



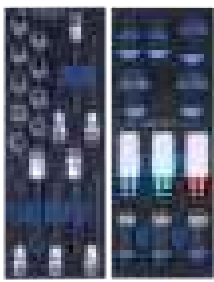
9-6314MRV #6 P.68



9-9040SRV #9 P.73



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



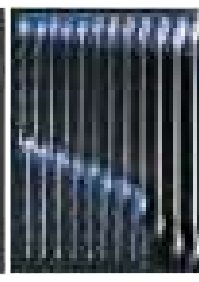
9-4147PRV #10 P.77



9-4401MPV #10 P.77



9-1112MRV #9 P.74



9-1220MRV #9 P.74



9-90119MRV #9 P.74



9-91190CRV #9 P.75



9-91124MRV #6 P.70



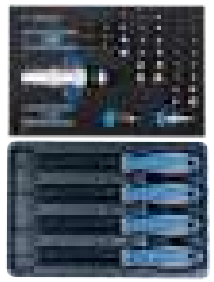
9-90217GRV #6 P.69



9-31124MRV #6 P.70



9-22108MRV #9 P.75



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



9-90413TQV #6 P.70



74010 P.428
74020 P.428
74060 P.428
7861-16 P.410
7811-12 P.410
7851-16 P.411
7911-12 P.429
21-20-101 P.421
6532-14 P.336
79094-08C P.422



525
PC.

Tool Trolley Set



13

239.49
CUFT 38.05

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

187
PC.

Tool Chest Set

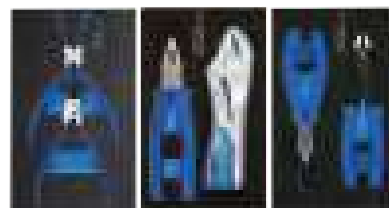


911-004CRV

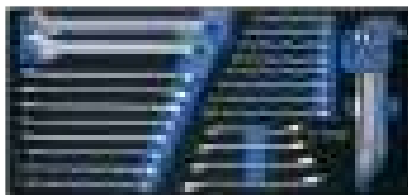
47.38 CUFT 6.51



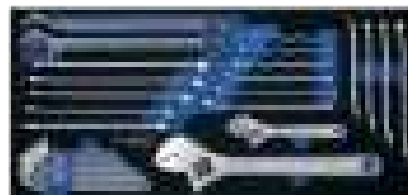
9-9077CRV #1 P.65



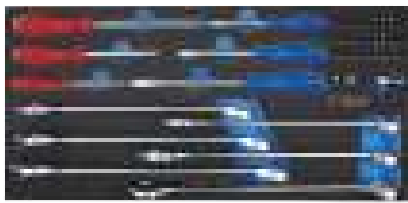
9-42102GPV #2 P.66 | 9-40122GPV #2 P.66 | 9-40112GPV #2 P.66



9-91131MRV #3 P.67



9-91126SRV #3 P.67



9-90145CRV #3 P.67



79093-05C P.422

7811-16 P.410



87411-6B P.50

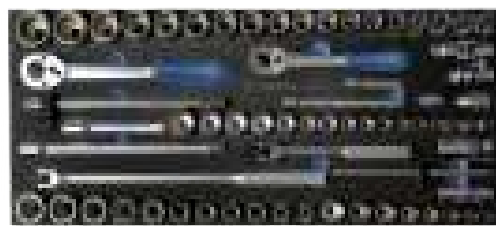
219
PC.

Tool Chest Set



911-000CRV

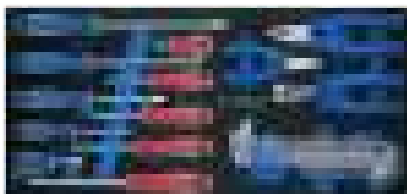
48.27 CUFT 6.10



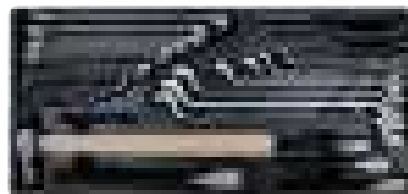
9-7069CRV #1 P.65



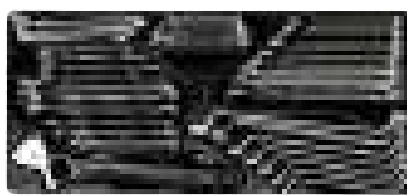
9-42114GPV #2 P.66 | 9-40102GPV #2 P.66 | 9-2548CRV #2 P.66



9-90129CRV #3 P.67



9-90128SR #3 P.97



9-90138CR #3 P.98



87411-6B P.50

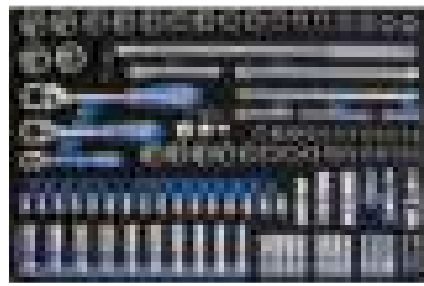
306
PC.

Tool Chest Set

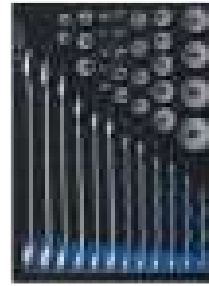


919-001CRV

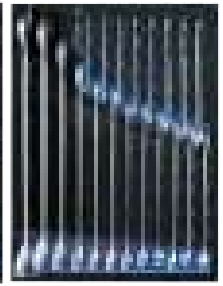
66.01 CUFT 11.05



9-9003MRV01 #6 P.68



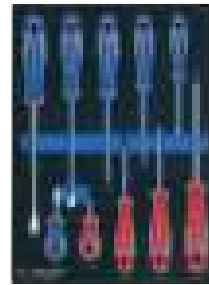
9-9040SRV #9 P.73



9-1220MRV #9 P.74



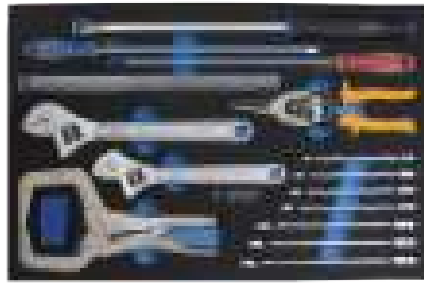
9-90217GRV #6 P.69



9-31110MRV #9 P.76



9-91190CRV #9 P.75



9-91124MRV #6 P.70



79094-08C
P.422

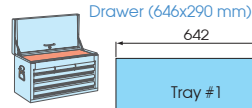
7911-12
P.429



87419-5B P.50



Tool Set Content



9-7069CRV

Tray category #1 (642 x 286mm)

Contents

7.5 kg 1/2

70 PC.

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)

Contents

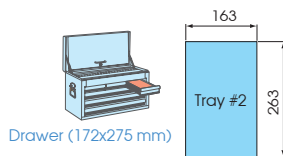
7.95 kg 1/2

77 PC.

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			

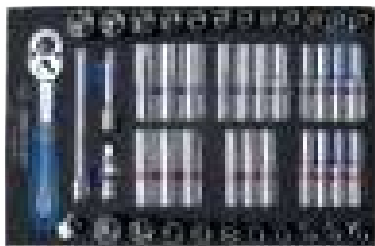


Tool Set Content



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

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
	2221-02	
	2221-04	

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

2
PC.



Contents

1.0 kg 1 / 10

	6011-10R		6511-10
--	----------	--	---------

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

2
PC.



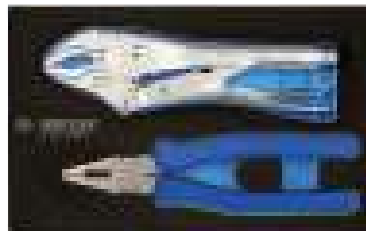
Contents

0.69 kg 1 / 10

	6231-08		6311-08
--	---------	--	---------

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

2
PC.



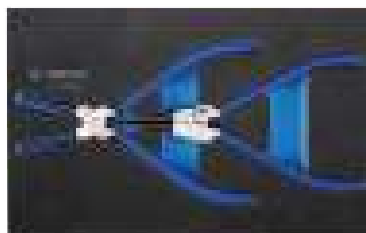
Contents

0.95 kg 1 / 10

	6111-08		6011-10R
--	---------	--	----------

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

2
PC.



Contents

0.32 kg 1 / 10

	68HS-07		68SS-07
--	---------	--	---------

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

4
PC.

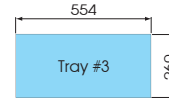
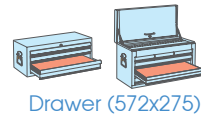


Contents

0.6 kg 1 / 10

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

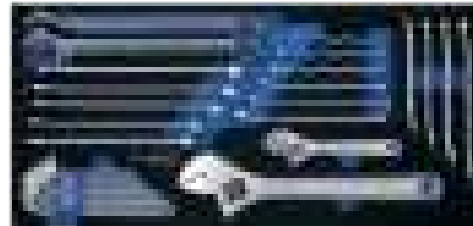
Tool Set Content



9-91126SRV

Tray category #3 (554 x 260mm)

Contents		kg 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		

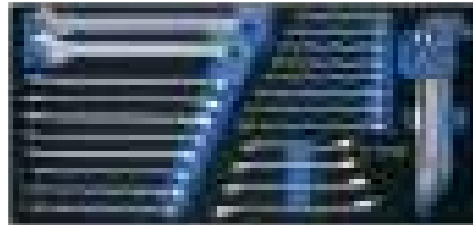


26 PC.

9-91131MRV

Tray category #3 (554 x 260mm)

Contents		kg 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		

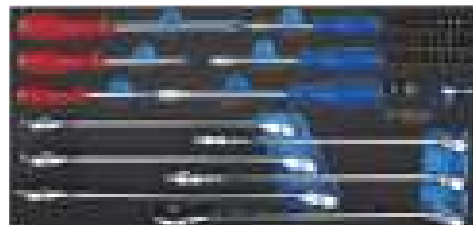


31 PC.

9-90145CRV

Tray category #3 (554 x 260mm)

Contents		kg 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	

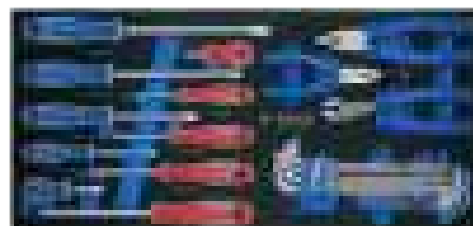


45 PC.

9-90129CRV

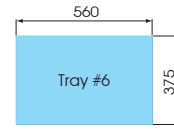
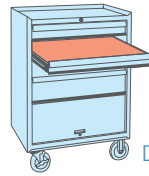
Tray category #3 (554 x 260mm)

Contents		kg 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)



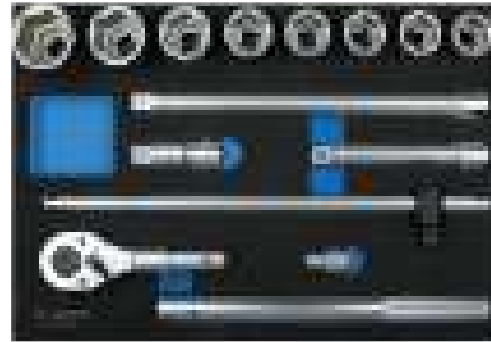
Tray category #6 (560 x 375mm)

9-6314MRV

Contents

9.96 kg 1 / 2

○		6335M	33, 34, 35, 36, 38, 41, 46, 50
+		6572-20	6779-20F
		6251-04	
		6251-08	
		6251-16	6814



14 PC.

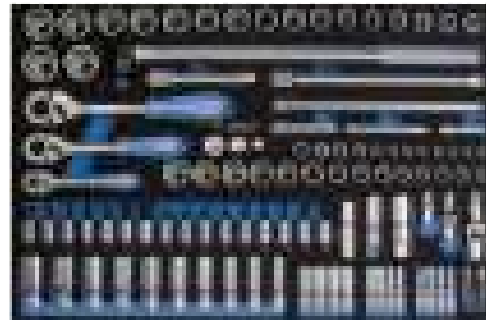
9-9003MRV01

Tray category #6 (560 x 375mm)

Contents

7.30 kg 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	3221-03 4251-05R
		2221-04	3221-10 4251-10R
		2813	3812 4813
		2771-55G	3771-08G
		4771-10GR	4462-18F



103 PC.

9-99430MFV new

Tray category #6 (560 x 375mm)

Contents

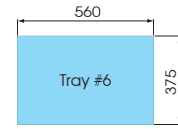
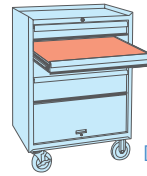
12.38 kg 1 / 2

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



30 PC.

Tool Set Content



Drawer (579 x 380 mm)



9-94437MRV new Tray category #6 (560 x 375mm)

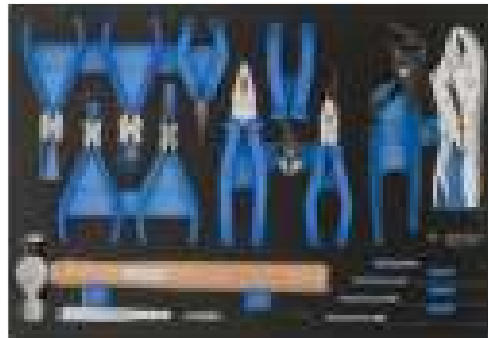
Contents		Kg 4.61	1 / 2
1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24		
3731M	8, 10, 11, 12, 13, 14, 15		
4435M	17, 19, 21		
1836P	PH2, PH3		
1836S	9, 11		
1880P	PH2, PH3		
1880S	8, 10		
4112	414810S		



37
PC.

9-90217GRV Tray category #6 (560 x 375mm)

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



17
PC.

9-91122MRV Tray category #6 (560 x 375mm)

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



22
PC.

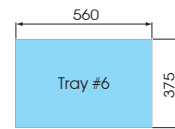
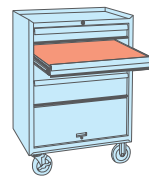
9-22124MRV50 new Tray category #6 (560 x 375mm)

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



24
PC.

Tool Set Content



Drawer (579 x 380 mm)



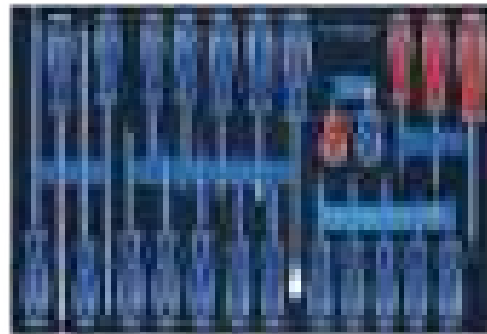
9-31124MRV

Tray category #6 (560 x 375mm)

Contents

2.41 kg 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.

9-91124MRV

Tray category #6 (560 x 375mm)

Contents

4.12 kg 1 / 5

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



24 PC.



9-90413TQV

Tray category #6 (560 x 375mm)

Contents

2.49 kg 1 / 5

⊙		115HM	8, 10, 13
		9CZ101	115345R
		48280180	43280212
		43240115Y	75102-08G
		75202-08G	75302-08G
		75402-08G	75502-08G



13 PC.

9-91217MRV

Tray category #6 (560 x 375mm)

Contents

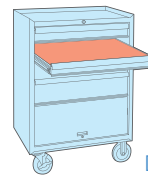
6.11 kg 1 / 2

⊕		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)



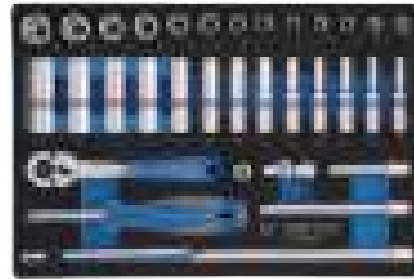
9-2534MRV new

Tray category #7 (280 x 187mm)

Contents

1.11 1 / 10

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



34 PC.

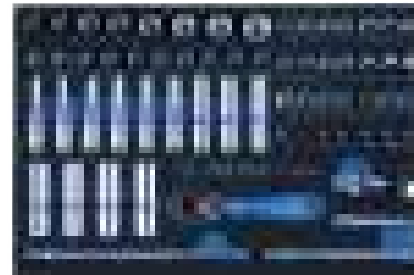
9-2565MRV

Tray category #7 (280 x 187mm)

Contents

1.38 1 / 10

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



65 PC.

Contents

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

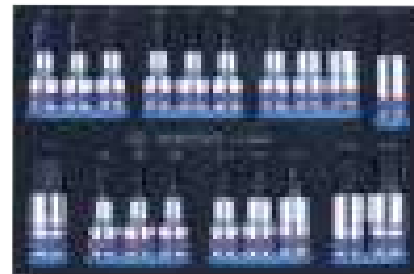
9-4129PRV

Tray category #7 (280 x 187mm)

Contents

2.07 1 / 10

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



19 PC.

9-10112MRV new

Tray category #7 (280 x 187mm)

Contents

1.13 1 / 10

	3731	10, 11, 12, 13, 14, 15, 16, 17, 19
	373202R	373203R 373204R



12 PC.

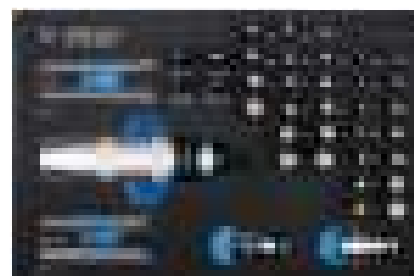
9-4143FRV

Tray category #7 (280 x 187mm)

Contents

1.63 1 / 8

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

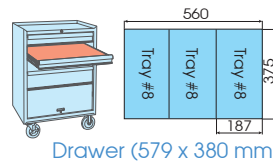


43 PC.

Contents

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

Tool Set Content



Drawer (579 x 380 mm)



9-2550MRV

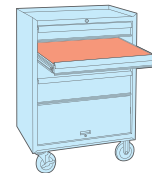
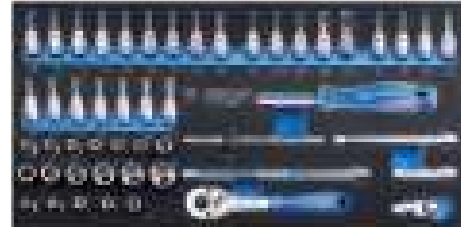
Tray category #8 (375 x 187mm)

Contents

1.37 kg / 1 / 15

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

50
PC.



Drawer (579 x 380 mm)

9-3544MRV

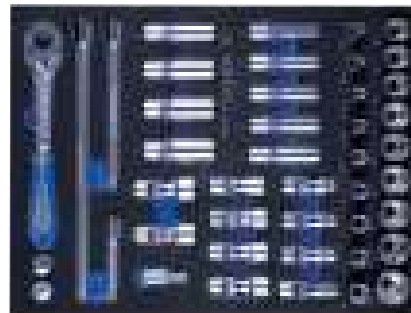
Tray category #9 (375 x 280mm)

Contents

3.19 kg / 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

Tray category #9 (375 x 280mm)

Contents

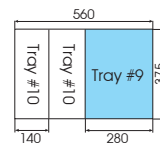
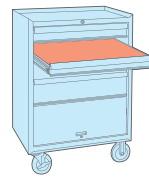
4.72 kg / 1 / 5

○		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.



Tool Set Content



Drawer (579 x 380 mm)



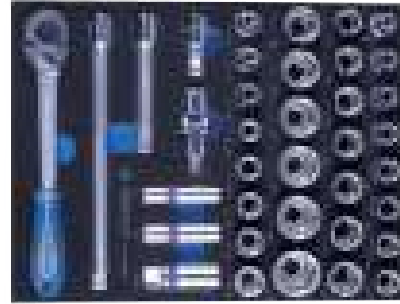
9-4537MRV

Tray category #9 (375 x 280mm)

Contents

4.39 1 / 5

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



37 PC.

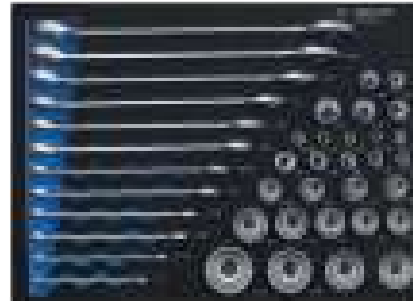
9-9040SRV

Tray category #9 (375 x 280mm)

Contents

3.02 1 / 5

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



40 PC.

9-7560MRV01

Tray category #9 (375 x 280mm)

Contents

6.24 1 / 2

	2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14			
	4335MR	10, 11, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32			
	1025S	3, 4.5, 5, 6.5, 8			
	1025P	PH0, PH1, PH2, PH3			
	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H			
	1025Z	PZ1, PZ2, PZ3			
	276A-04G	4771-10GR	4452-15FR	4572-12	
	213312DF	2792	4791R	2813	2745
	2223-02	4251-05R			
	2223-04	4251-10R			



60 PC.

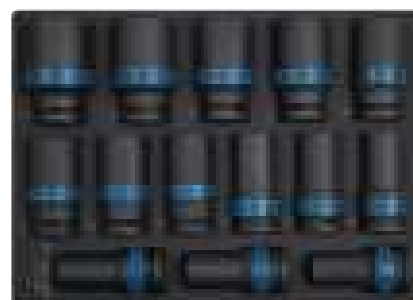
9-6414MPV new

Tray category #9 (375 x 280mm)

Contents

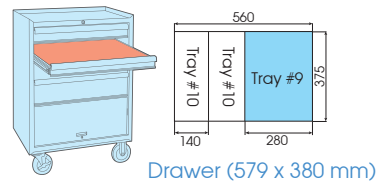
10.08 1 / 2

	6435M	19, 21, 22, 24, 26, 27, 29, 30, 32, 33, 35, 36, 38, 41
--	-------	--



14 PC.

Tool Set Content



9-12A1MRV new

Tray category #9 (375 x 280mm)

Contents

1.75 1 / 10

1061 8, 10, 12, 13, 14, 16, 17, 18, 19, 22, 24



11
PC.

9-1112MRV

Tray category #9 (375 x 280mm)

Contents

2.34 1 / 4

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



12
PC.

9-90119MRV

Tray category #9 (375 x 280mm)

Contents

3.04 1 / 4

1970 6x7, 8x9, 10x11, 12x13, 14x15,
16x17, 18x19, 20x22, 24x27, 30x32

1143 T10, T15, T20, T25, T27, T30, T40, T45,
T50



19
PC.

9-1220MRV

Tray category #9 (375 x 280mm)

Contents

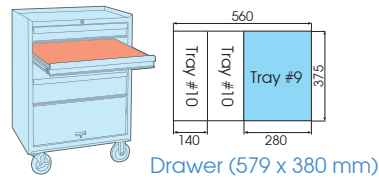
3.49 1 / 4

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



20
PC.

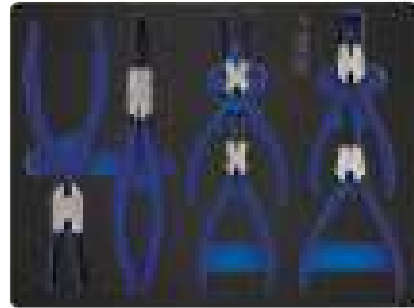
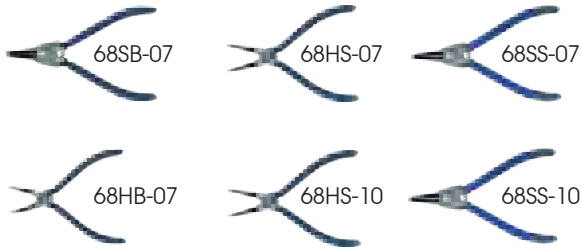
Tool Set Content



9-42116GPV new Tray category #9 (375 x 280mm)

Contents

1.54 1 / 5



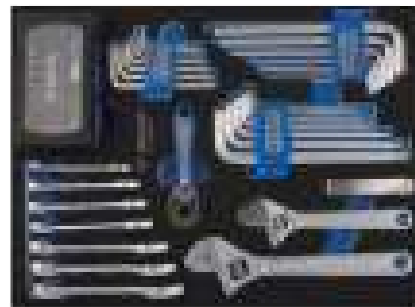
6
PC.

9-91190CRV Tray category #9 (375 x 280mm)

Contents

2.22 1 / 10

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



90
PC.

Contents

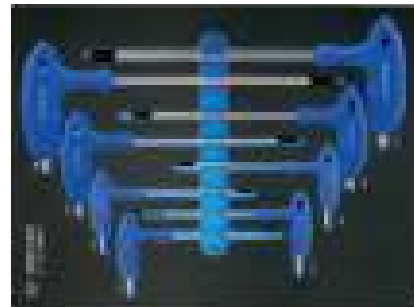
	1130SR	3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8
	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H
	3611-06R	77328-26
	3611-08R	
	276A-04G	

9-22108MRV Tray category #9 (375 x 280mm)

Contents

0.89 1 / 5

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



8
PC.

9-30208MRV Tray category #9 (375 x 280mm)

Contents

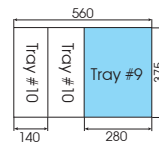
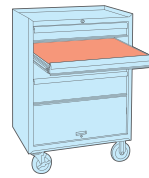
1.41 1 / 5

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



8
PC.

Tool Set Content



Drawer (579 x 380 mm)



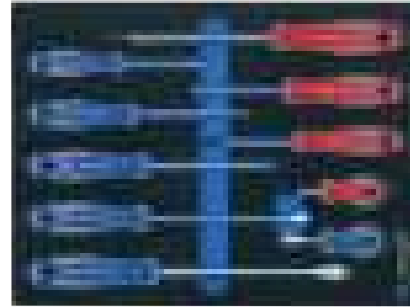
9-3110MRV

Tray category #9 (375 x 280mm)

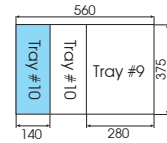
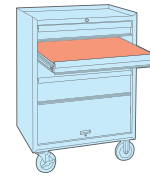
Contents

kg 2.46 1 / 4

⊕		1421	PH1 x 80, PH2 x 100, PH3 x 150, PH2 x 38
⊖		1422	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 38, 6.5 x 150, 8 x 175



10 PC.

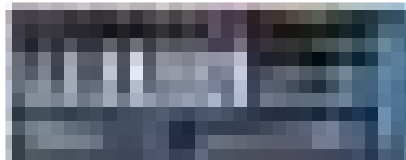


Drawer (579 x 380 mm)

9-2544SRV

9-2044SRV

Tray category #10 (375 x 140mm)



9-2544SRV



9-2044SRV

44 PC.

KT NO.

Contents

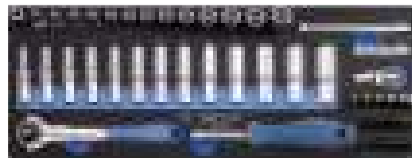
kg 0.92 1 / 6

9-2544SRV		5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 3, 4.5, 5, 6.5, 8	
9-2044SRV		5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2	PH0, PH1, PH2, PH3 H3/64, H1/16, H5/64, H3/32, H7/64, H1/8, H9/64, H5/32	

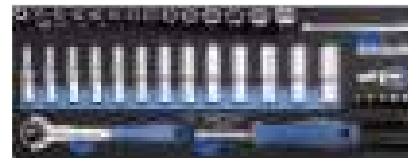
9-2548MRV

9-2048MRV

Tray category #10 (375 x 140mm)



9-2548MRV



9-2048MRV

48 PC.

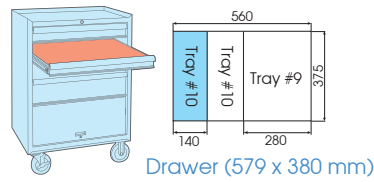
KT NO.

Contents

kg 1.09 1 / 6

9-2548MRV		4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 3, 4.5, 5, 6.5, 8	
9-2048MRV		4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	PH0, PH1, PH2, PH3 H3, H4, H5, H6, H7, H8, H10	

Tool Set Content



9-2553MRV

Tray category #10 (375 x 140mm)

Contents		0.98 kg	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		



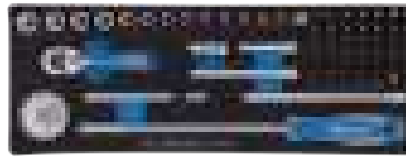
53 PC.

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

9-2553MRV01 new

Tray category #10 (375 x 140mm)

Contents		0.97 kg	1 / 6
	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
	1025H H3, H4, H5, H6, H7, H8, H10		
	1025T T10, T15, T20, T25, T27, T30, T40		
	1025U T10H, T15H, T20H, T25H, T27H, T30H, T40H		
	1025P PH1, PH2, PH3		
	1025Z PZ1, PZ2, PZ3		
	1025S 3, 4.5, 5, 6.5, 8		



55 PC.

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

9-3523MRV10

Tray category #10 (375 x 140mm)

Contents		1.73 kg	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		



23 PC.

9-4147PRV

Tray category #10 (375 x 140mm)

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

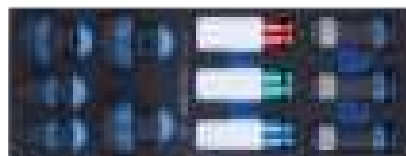


17 PC.

9-4401MPV

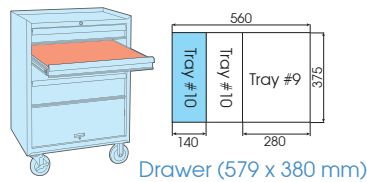
Tray category #10 (375 x 140mm)

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



11 PC.

Tool Set Content



9-90135MRV

Tray category #10 (375 x 140mm)

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	

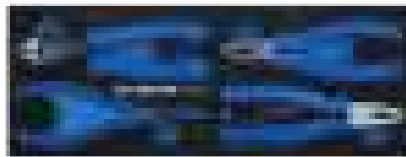


15 PC.

9-40104GPV

Tray category #10 (375 x 140mm)

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



4 PC.

9-40113GPV

Tray category #10 (375 x 140mm)

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

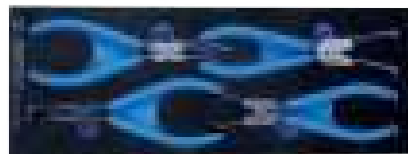


3 PC.

9-44214GPV

Tray category #10 (375 x 140mm)

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



4 PC.

9-30216MRV

Tray category #10 (375 x 140mm)

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

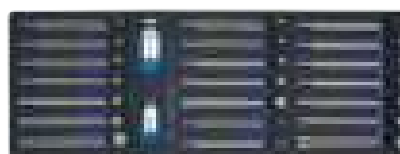


6 PC.

9-1044CQV new

Tray category #10 (375 x 140mm)

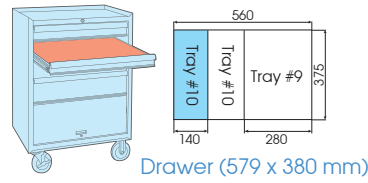
Contents		kg 1.75	1 / 6
	1636H	H4, H5, H6, H7, H8, H10, H12	
	1680H	H4, H5, H6, H7, H8, H10, H12	
	1636M	M5, M6, M8, M10, M12	
	1680M	M5, M6, M8, M10, M12	
	1636T	T20, T25, T27, T30, T40, T45, T50, T55, T60	



44 PC.

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

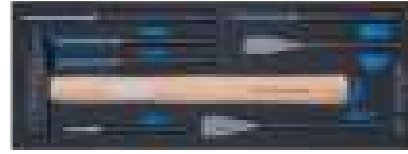
Tool Set Content



9-90118PRV

Tray category #10 (375 x 140mm)

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



8 PC.

9-90305TQV

Tray category #10 (375 x 140mm)

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

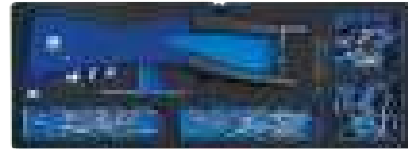


5 PC.

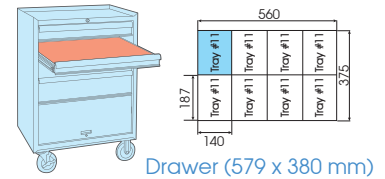
9-21-20-07MRV **new**

Tray category #10 (375 x 140mm)

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



121 PC.



9-2516MRV03 **new**

Tray category #11 (187 x 140mm)

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



17 PC.

9-2524MRV **new**

Tray category #11 (187 x 140mm)

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



21 PC.

9-2528MRV **new**

Tray category #11 (187 x 140mm)

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



29 PC.

Contents

276A-04G	2792
2221-06	2142

The Way To Fill Your Drawer

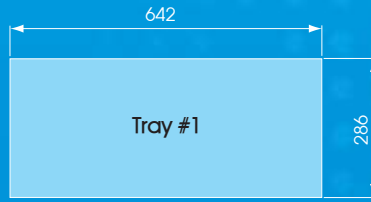
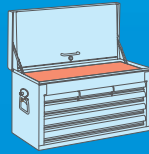
How to complete your tool trolley set and tool chest set

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

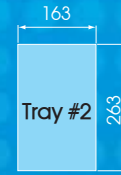
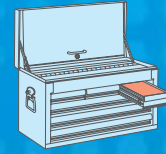


- Do not move the box / trolley unit unless you have closed the cover and locked the drawers
- Never open more than one loaded drawer at the same time
- Watch for sharp edges, we suggest to put on gloves before you lift the unit

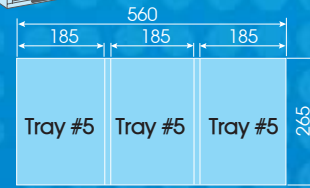
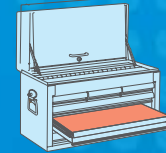
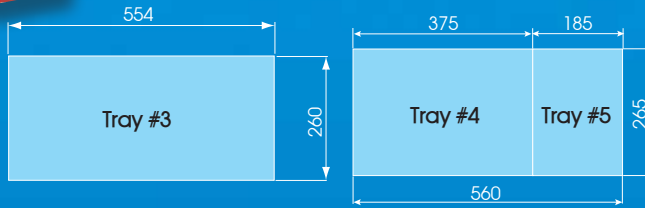
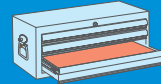
Drawer (646x290 mm)



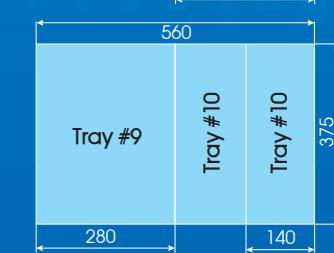
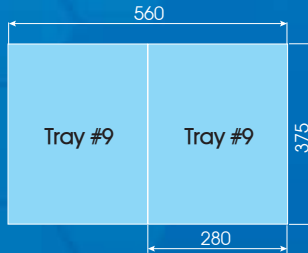
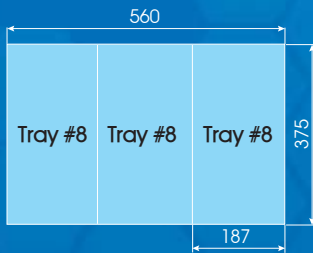
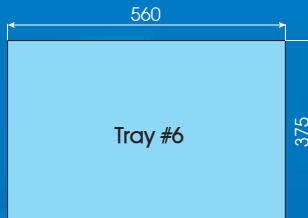
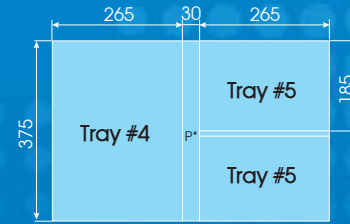
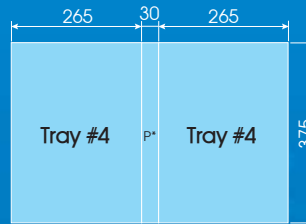
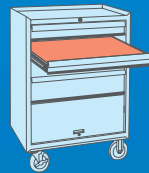
Drawer (172x275 mm)



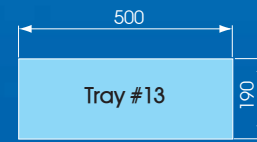
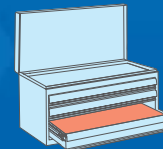
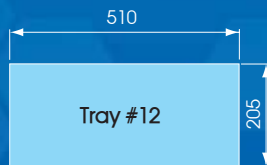
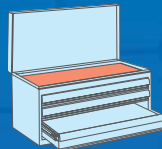
Drawer (572x275 mm)



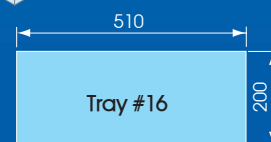
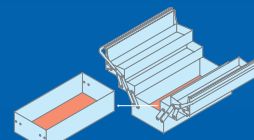
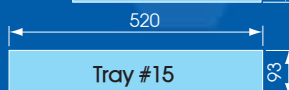
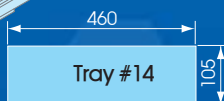
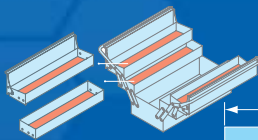
Drawer (579x380 mm)



Drawer (504 x 195 mm)



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



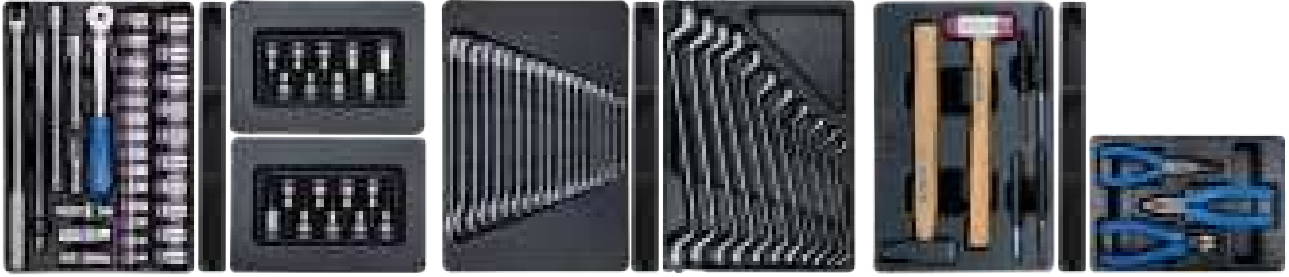
101
PC.

Tool Trolley Contents



Contents No. 932-009MRD

19.8 CUFT 2.41



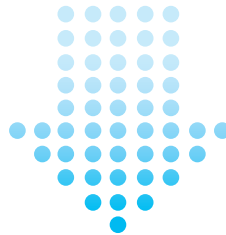
9-4333MR #4 P.100 9-4120PR #5 P.109 9-1219MR01 #4 P.102 9-1711MR #4 P.104 9-90106SR #4 P.107 9-40103GP #5 P.110
84700612B P* 84700612B P*



1110MR P.294



34423-1A P.273



101
PC.

Tool Trolley Set



75.8
CUFT 14.65



932-009MR
(87432-5B P.37)



932-009MR-G
(87432-5B-G P.37)



932-009MR-B
(87432-5B-B P.37)



78.8
CUFT 18.05



9632-009MR
(87632-5B P.41)



9632-009MR-G
(87632-5B-G P.41)



9632-009MR-B
(87632-5B-B P.41)



85.94
CUFT 18.05



9634-009MR
(87634-7B P.41)



9634-009MR-G
(87634-7B-G P.41)



9634-009MR-B
(87634-7B-B P.41)



94.8
CUFT 15.11



9934F-009MR
(87934-7BF P.43)



9934F-009MR-G
(87934-7BF-G P.43)



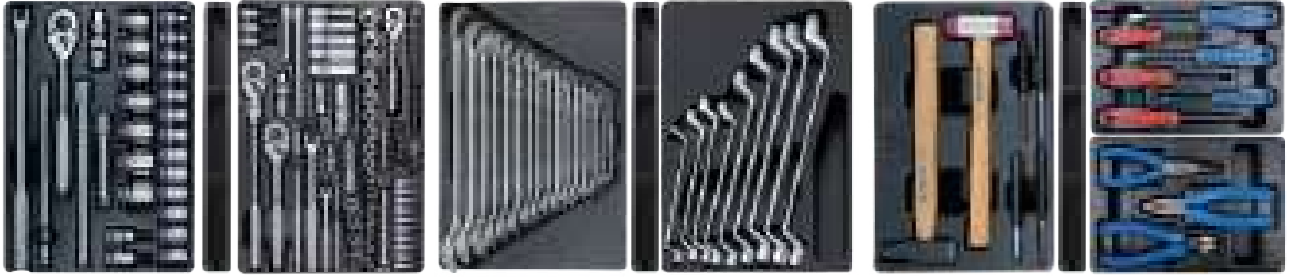
9934F-009MR-B
(87934-7BF-B P.43)

144 PC. Tool Trolley Contents



Contents No. 932-010MRD

17.5 CUFT 1.86



9-4328MR #4 P.100 9-5575MR #4 P.101 9-1216MR01 #4 P.102 9-1709MR #4 P.103 9-90106SR #4 P.107 9-31106MR #5 P.110
84700612B P* 84700612B P* 84700612B P*



34423-1A P.273



144 PC. Tool Trolley Set



73.5
CUFT 14.1



932-010MR
(87432-5B P.37)



932-010MR-G
(87432-5B-G P.37)



932-010MR-B
(87432-5B-B P.37)



76.5
CUFT 17.5



9632-010MR
(87632-5B P.41)



9632-010MR-G
(87632-5B-G P.41)



9632-010MR-B
(87632-5B-B P.41)



83.64
CUFT 17.5



9634-010MR
(87634-7B P.41)



9634-010MR-G
(87634-7B-G P.41)



9634-010MR-B
(87634-7B-B P.41)



92.5
CUFT 14.56



9934F-010MR
(87934-7BF P.43)



9934F-010MR-G
(87934-7BF-G P.43)



9934F-010MR-B
(87934-7BF-B P.43)

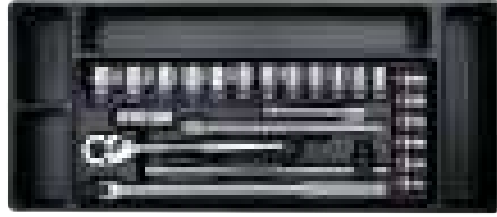
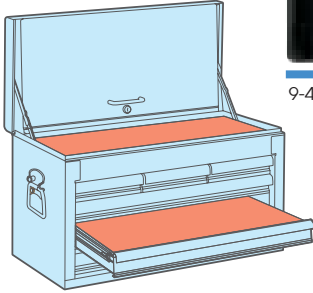
170
PC.

Tool Trolley Contents

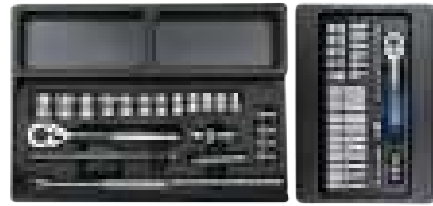


Contents No. 941-101MRD

19.24.8 CUFT 2.54

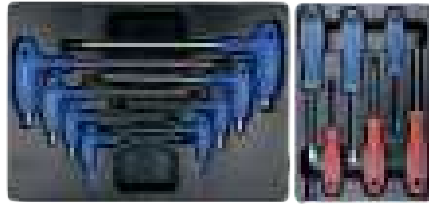


9-4026MR02 #1 P.96



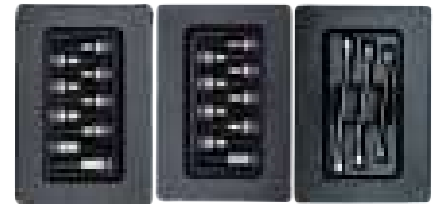
9-3023MR01 #4 P.100

9-2526MR
#5 P.109



9-22308PR #4 P.107

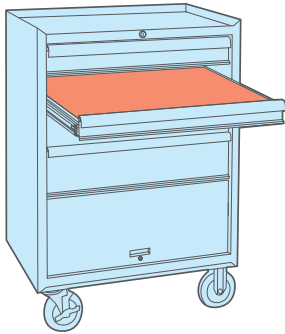
9-31106MR
#5 P.110



9-4120PR
#5 P.109

9-4119PR
#5 P.109

9-1303MR
#5 P.109



9-1711MR #4 P.104

9-1216MR #4 P.102

84700612B P*



9-90103RR #4 P.107

9-20110MR #5 P.110

9-40103GP #5 P.110

84700612B P*



9-4128FR #5 P.110



1010PR P.413



170
PC.

Tool Trolley Set



106.2
CUFT 18.31



109.2
CUFT 22.15



125.2
CUFT 19.21



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



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



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

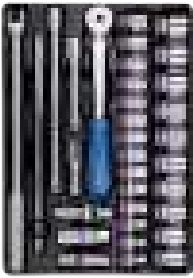
173
PC.

Tool Trolley Contents

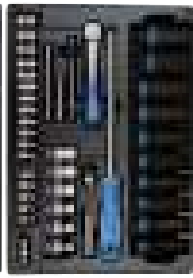


Contents No. 932-000MRD

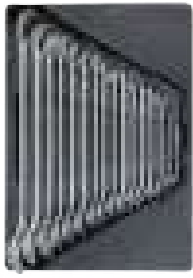
24.7 CUFT 2.10



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



9-7540MR #4 P.101



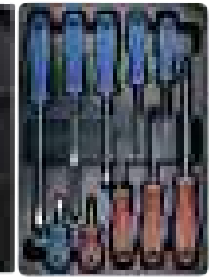
9-1216MR01 #4 P.102
84700612B P*



9-1711MR #4 P.104



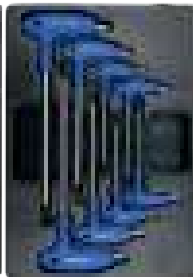
9-90131MR #4 P.102
84700612B P*



9-31110MR #4 P.108



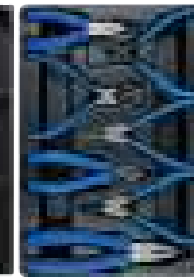
9-22108MR #4 P.75
84700612B P*



9-22308PR #4 P.107



9-90103PP #4 P.107
84700612B P*



9-40207GP #4 P.106



1006PR #4 P.413



173
PC.

Tool Trolley Set



80.70
CUFT 14.34



932-000MR
(87432-5B P.37)



932-000MR-G
(87432-5B-G P.37)



932-000MR-B
(87432-5B-B P.37)



83.7
CUFT 17.74



9632-000MR
(87632-5B P.41)



9632-000MR-G
(87632-5B-G P.41)



9632-000MR-B
(87632-5B-B P.41)



90.84
CUFT 17.74



9634-000MR
(87634-7B P.41)



9634-000MR-G
(87634-7B-G P.41)



9634-000MR-B
(87634-7B-B P.41)



99.7
CUFT 14.8



9934F-000MR
(87934-7BF P.43)



9934F-000MR-G
(87934-7BF-G P.43)



9934F-000MR-B
(87934-7BF-B P.43)

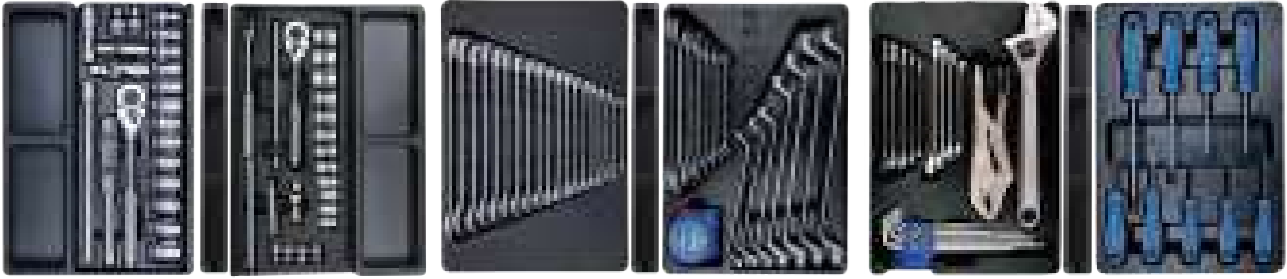
179
PC.

Tool Trolley Contents



Contents No. 932-008MRD

20.52 CUFT 2.41



9-4522MR #4 P.99 84700612B P* 9-3523MR #4 P.100 9-1219MR01 #4 P.102 84700612B P* 9-90315MR #4 P.104 9-91120MR #4 P.105 84700612B P* 9-31909PR #4 P.108



9-90103PP01 #4 P.107 84700612B P* 9-40207GP #4 P.106 9-4120PR #5 P.109 9-31106MR #5 P.110 9-4119PR #5 P.109 9-2526MR #5 P.109 84700612B P* 1010PR #4 P.413 9DC23 P.526



179
PC.

Tool Trolley Set



76.52
CUFT 14.65



932-008MR
(87432-5B P.37)



932-008MR-G
(87432-5B-G P.37)



932-008MR-B
(87432-5B-B P.37)



79.52
CUFT 18.05



9632-008MR
(87632-5B P.41)



9632-008MR-G
(87632-5B-G P.41)



9632-008MR-B
(87632-5B-B P.41)



86.66
CUFT 18.05



9634-008MR
(87634-7B P.41)



9634-008MR-G
(87634-7B-G P.41)



9634-008MR-B
(87634-7B-B P.41)



95.52
CUFT 15.11



9934F-008MR
(87934-7BF P.43)



9934F-008MR-G
(87934-7BF-G P.43)



9934F-008MR-B
(87934-7BF-B P.43)

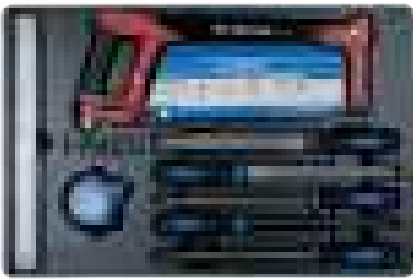
197
PC.

Tool Trolley Contents

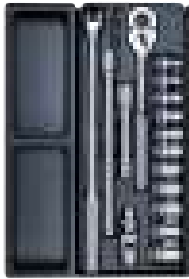


Contents No. 934-001MRD

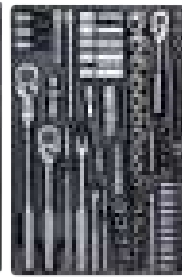
28.7 CUFT 3.7



9-90408TQ #6 P.111



9-4516MR #4 P.99



9-5575MR #4 P.101



9-1711MR #4 P.104



9-1218MR #4 P.102

84700612B P*

84700612B P*



9-22108MR #4 P.107



9-31909PR #4 P.108

84700612B P*

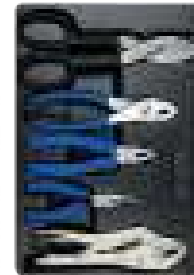


9-90310MR #4 P.108



9-90106SR #4 P.107

84700612B P*

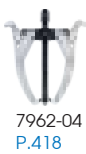


9-90205GN01 #4 P.106



9-4128FR #5 P.110

9-40103GP #5 P.110
84700612B P*



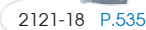
7962-04 P.418



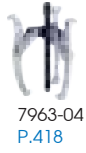
9DC23 P.526



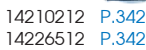
42114GP P.326



2121-18 P.535



7963-04 P.418



14210212 P.342
14226512 P.342



1108MR P.294



197
PC.

Tool Trolley Set



92.7
CUFT 15.94



934-001MR
(87434-7B P.37)



934-001MR-G
(87434-7B-G P.37)



934-001MR-B
(87434-7B-B P.37)



94.84
CUFT 15.94



9634-001MR
(87634-7B P.41)



9634-001MR-G
(87634-7B-G P.41)



9634-001MR-B
(87634-7B-B P.41)



103.7
CUFT 16.4



9934F-001MR
(87934-7BF P.43)



9934F-001MR-G
(87934-7BF-G P.43)

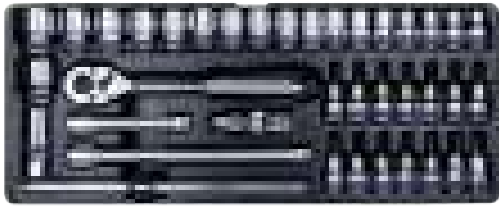


9934F-001MR-B
(87934-7BF-B P.43)

69 PC. Tool Chest Set

901-068MR  18.8 CUFT 2.05

901-069MR  18.4 CUFT 2.05



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



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



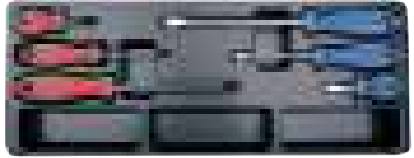
9-90121MR #12 P.116



9-90104GP #12 P.116



87401-3 P.51



9-31006MR #12 P.116

74 PC. Tool Chest Set

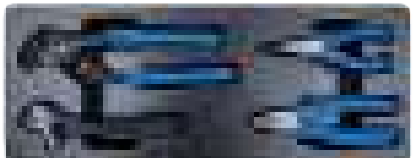
901-073MR  19.5 CUFT 2.05



9-4338MR03 #11 P.115



9-90126MR #12 P.116



9-90104GP #12 P.116



87401-3 P.51



9-31006MR #12 P.116



219
PC.

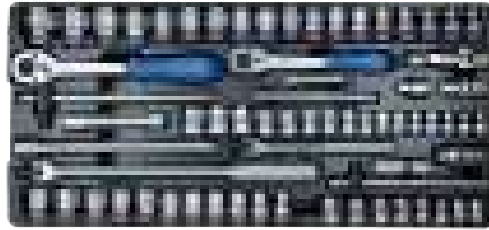
Tool Chest Set

911-000CR

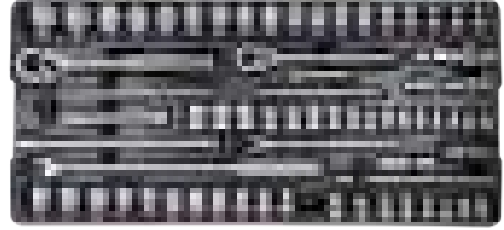
50.5 CUFT 6.10

911-000CR02

50.8 CUFT 6.10



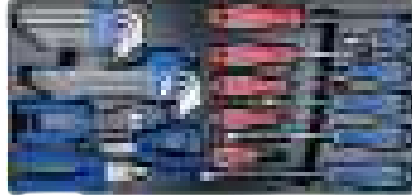
9-7069CR #1 P.96 (911-000CR use)



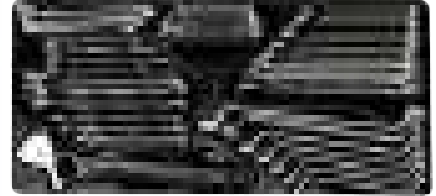
9-7069CR01 #1 P.96 (911-000CR02 use)



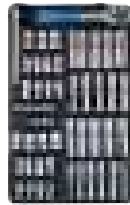
87411-6B P.50



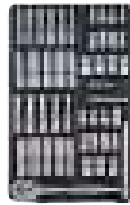
9-90129CR #3 P.98



9-90138CR #3 P.98



9-2548CR #2 P.97



9-2548CR01 #2 P.97



9-42114GP #2 P.97



9-40102GP #2 P.97

(911-000CR use); (911-000CR02 use)



9-90128SR #3 P.97

107
PC.

Tool Chest Set

911-002CR

40.5 CUFT 5.12



87411-6B P.50



4042CR #476 x 282mm P.174



20107SR P.374 20109MR P.374



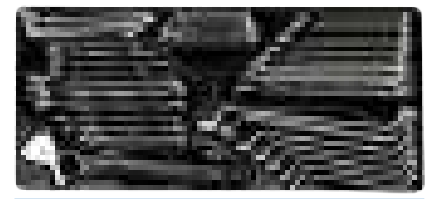
9-42144GP #4 P.106



9-31106MR #5 P.110



7811-16 P.410



9-90138CR #3 P.98

235
PC.

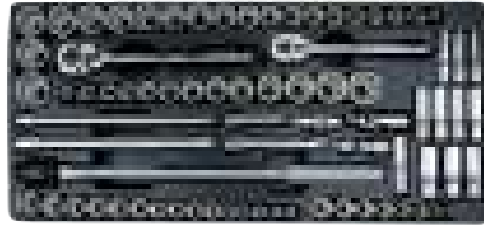
Tool Chest Set

911-003CR

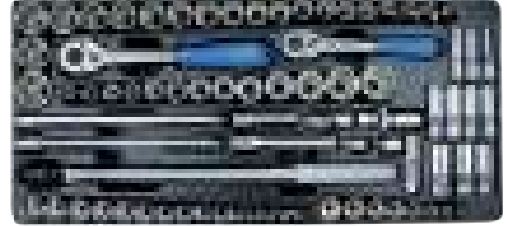
46.16 CUFT 6.10

911-003CR01

46.16 CUFT 6.10



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



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



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



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



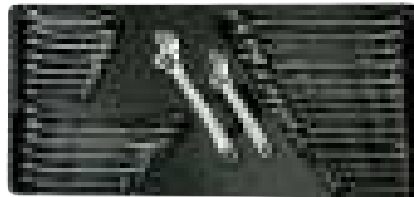
9-90154CR #3 P.99 (911-003CR use)



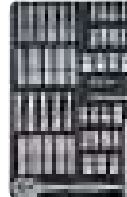
9-90154CR01 #3 P.99 (911-003CR01 use)



87411-6B P.50



9-90329CR #3 P.98



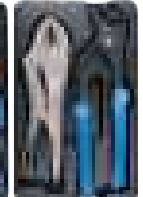
9-2548CR01 #2 P.97 (911-003CR use)



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



9-42114GP #2 P.97



9-40102GP #2 P.97



62
PC.

Tool Box Contents



Contents No. 902-062MRD

8.8 CUFT 1.22



9-4116FR #14 P.117



9-30206MR #14 P.118



9-1217MR #14 P.118



9-4319MR #14 P.117



9-90120MR #14 P.118



9-40203GP #14 P.118

62
PC.

Tool Box Set



14.4
CUFT 1.22



902-062MR
(87402 P.52)

13.9
CUFT 1.22



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



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

new

new

63
PC.

Tool Box Contents



Contents No. 902-164MRD





10.2 CUFT 1.22














9-4116FR #14 P.117



9-4219MR #14 P.117

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

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

63
PC.

Tool Box Set



15.8
CUFT 1.22



902-164MR
(87402 P.52)

15.3
CUFT 1.22



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



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

new

new

65
PC.

Tool Box Contents



Contents No. 902-065MRD

9.1 CUFT 1.22



9-4116FR #14 P.117



9-4319MR #14 P.117



9-90115MR #14 P.118



9-1716MR #14 P.118

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

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

65
PC.

Tool Box Set



14.7
CUFT 1.22



902-065MR
(87402 P.52)

14.2
CUFT 1.22



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



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

68
PC.

Tool Box Contents



Contents No. 902-068MRD

10.3 CUFT 1.22



9-4116FR #14 P.117



9-4319MR01 #14 P.117

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

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

68
PC.

Tool Box Set



15.9
CUFT 1.22



902-068MR
(87402 P.52)

15.4
CUFT 1.22



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



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

81
PC.

Tool Box Contents



Contents No. 902-084MR01D

13.6 CUFT 1.22



9-4116FR03 #14 P.110



9-4219MR07 #14 P.110



1215MR P.291

- 4230M P.155 16, 17, 18, 19, 20, 21, 22, 24, 25, 26
- 1421 P.342 PH1 x 100, PH2 x 150, PH3 x 150
- 1422 P.342 6.5 x 100, 6.5 x 150, 8 x 150
- 6231-07 P.321 6311-06 P.322
- 6463-08C P.323 6516-10C P.323

- 6031-07R P.328 76104-05 P.411
- 3611-08R P.311 76105-06 P.411
- 3611-12R P.311 76213-04 P.412
- 20218MR P.373 76215-05 P.412
- 7851-16 P.411 76220-07 P.412
- 7811-16 P.410 76306-05 P.412
- 76403-05 P.412
- 76404-06 P.412

81
PC.

Tool Box Set



19.24
CUFT 1.22



902-084MR01
(87402 P.52)

18.74
CUFT 1.22



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



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

new

new

84
PC.

Tool Box Contents



Contents No. 902-084SRD

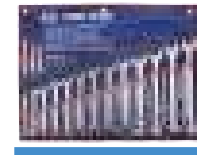
15.9 CUFT 1.22



9-4116FR03 #14 P.117



9-4219SR08 #14 P.117



1216SR P.291

- 4230S P.155 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4
- 1421 P.342 PH1 x 100, PH2 x 150, PH3 x 150
- 1422 P.342 6.5 x 100, 6.5 x 150, 8 x 150
- 6231-07 P.321 6311-06 P.322
- 6463-08C P.323 6516-10C P.323
- 20107SR P.374 6031-07R P.328

- 3611-08R P.311 76104-05 P.411
- 3611-12R P.311 76105-06 P.411
- 7811-16 P.410 76213-04 P.412
- 7851-16 P.411 76215-05 P.412
- 76220-07 P.412
- 76306-05 P.412
- 76403-05 P.412
- 76404-06 P.412

84
PC.

Tool Box Set



21.55
CUFT 1.22



902-084SR
(87402 P.52)

21.0
CUFT 1.22



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

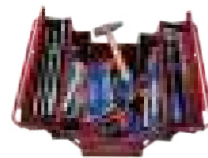


9A05-084SR-KB
(87A05-KB P.52)

new

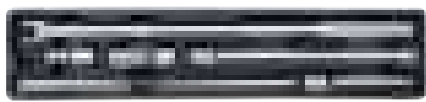
new

88 PC. Tool Box Contents



Contents No. 902-089MR01D

13.9 CUFT 1.22















9-4116FR #14 P.117



9-4319MR01 #14 P.117



1812MR P.311

- | | | | |
|--|--|---|--|
|  1060 P.462 | 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24 |  1421 P.462 | PH2 x 38, PH3 x 150 |
|  1900 P.462 | 6 x 7, 8 x 10, 11 x 13, 12 x 13, 17x19, 22 x 24 |  1422 P.462 | 3 x 75, 5 x 100 |
|  1120MR P.462 | H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 |  6111-07 P.462 |  3611-08R P.462 |
|  1147R P.462 | T10H, T15H, T20H, T25H, T27H, T30H, T40H |  6311-06 P.462 |  7911-12 P.462 |
| | |  6516-10C P.462 |  7821-80 P.462 |

88 PC. Tool Box Set



 19.5 CUFT 1.22		902-089MR01 (87402 P.52)	 19.0 CUFT 1.22		9A05-089MR01 (87A05 P.52)	 19.2 CUFT 1.22		9A05-089MR01-KB (87A05-KB P.52)
---	--	------------------------------------	---	--	-------------------------------------	---	--	---

103 PC. Tool Box Contents



Contents No. 902-103MRD

19.2 CUFT 1.22




























9-4116FR #14 P.117



9-4319MR01 #14 P.117



1812MR P.311

- | | | | |
|--|--|--|--|
|  1060 P.290 | 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32 |  6111-07 P.321 |  7911-12 P.429 |
|  1120MR P.374 | H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10 |  6311-06 P.322 |  7821-80 P.410 |
|  1147R P.375 | T10H, T15H, T20H, T25H, T27H, T30H, T40H |  6516-10C P.323 |  76220-07 P.412 |
|  1421 P.342 | PH0 x 60, PH1 x 100, PH2 x 100, PH3 x 150 |  6231-08 P.321 |  76226-12 P.412 |
|  1422 P.342 | 3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175 |  6431-10 P.323 |  76402-45 P.412 |
| | |  6011-10R P.328 |  76403-05 P.412 |
| | |  3611-12R P.311 |  76404-06 P.412 |
| | |  79093-03C P.422 |  76405-65 P.412 |
| | | |  76406-07 P.412 |
| | | |  76408-08 P.412 |
| | | |  76412-09 P.412 |
| | | |  76414-10 P.412 |

103 PC. Tool Box Set



 24.8 CUFT 1.22		902-103MR (87402 P.52)	 24.3 CUFT 1.22		9A05-103MR (87A05 P.52)	 19.2 CUFT 1.22		9A05-103MR-KB (87A05-KB P.52)
---	---	----------------------------------	---	---	-----------------------------------	---	---	---

109 PC. Tool Box Contents



Contents No. 902-109MRD

19.4 CUFT 1.22



9-4116FR #14 P.117



9-4319MR01 #14 P.117



1812MR P.311



1306MR P.301

- | | | |
|---|--|---|
| <p>1060 P.290 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32</p> <p>1120MR P.374 H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10</p> <p>1147R P.375 T10H, T15H, T20H, T25H, T27H, T30H, T40H</p> <p>1421 P.342 PH0 x 60, PH1 x 100, PH2 x 100, PH3 x 150</p> <p>1422 P.342 3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175</p> | <p>6111-07 P.321</p> <p>6311-06 P.322</p> <p>6516-10C P.323</p> <p>6231-08 P.321</p> <p>6431-10 P.323</p> <p>6011-10R P.328</p> <p>3611-12R P.311</p> <p>79093-05C P.422</p> | <p>7911-12 P.429</p> <p>7811-16 P.410</p> <p>76220-07 P.412</p> <p>76226-12 P.412</p> <p>76402-45 P.412</p> <p>76403-05 P.412</p> <p>76404-06 P.412</p> <p>76405-65 P.412</p> <p>76406-07 P.412</p> <p>76408-08 P.412</p> <p>76412-09 P.412</p> <p>76414-10 P.412</p> |
|---|--|---|

109 PC. Tool Box Set



24.99 CUFT 1.22



902-109MR
(87402 P.52)

24.5 CUFT 1.22



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



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

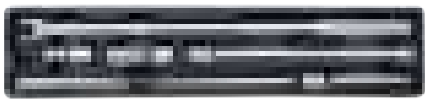
132 PC. Tool Box Contents



Contents No. 902-132CRD

new

24.5 CUFT 1.51



9-4116FR #14 P.117



9-4319MR01 #14 P.117



1812MR P.311



1226MR P.291

- | | | |
|--|---|--|
| <p>1005GQ P.430</p> <p>30617MR P.354</p> <p>20208MR01 P.373</p> <p>20208SR01 P.373</p> <p>11205SQ P.426</p> <p>1421 P.342 PH0 x 60, PH1 x 100, PH2 x 100, PH3 x 150</p> <p>1422 P.342 3 x 75, 4 x 100, 5 x 75, 5.5 x 125, 6.5 x 150, 8 x 175</p> | <p>6111-07 P.321</p> <p>6311-06 P.322</p> <p>6516-10C P.323</p> <p>6231-07 P.321</p> <p>6721-10 P.406</p> <p>6711-06 P.323</p> <p>3611-08P P.311</p> <p>3611-12P P.311</p> <p>20419PR P.376</p> | <p>7911-12 P.429</p> <p>7811-12 P.410</p> <p>76104-05 P.411</p> <p>76220-07 P.412</p> <p>6011-10R P.328</p> <p>2121-18 P.535</p> <p>7971-07 P.400</p> <p>79093-03C P.422</p> |
|--|---|--|

132 PC. Tool Box Set



30.1 CUFT 2.73



902-132CR
(87402 P.52)

29.1 CUFT 2.92



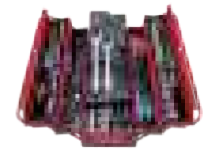
9A05-132CR
(87A05 P.52)



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

77
PC.

Tool Box Contents



Contents No. 908-077CRD

19.8 CUFT 0.99



9-4029CR #15 P.119



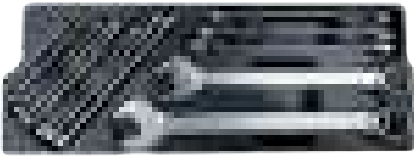
9-90111MR #15 P.119



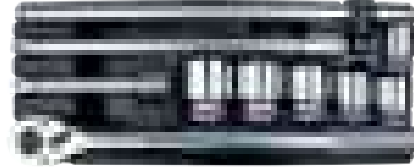
9-4156PR #15 P.119



9-30206MR #14 P.118



9-1215MR03 #16 P.119



9-6010MR #16 P.119

77
PC.

Tool Box Set

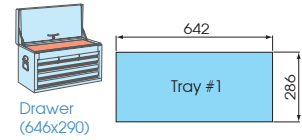


26.52
CUFT 2.29



908-077CR
(87408 P.52)

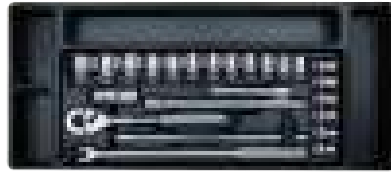
Tool Set Content



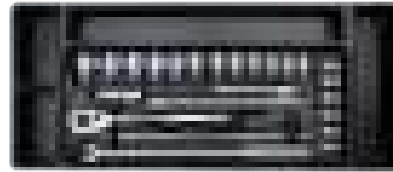
9-4526MR

9-4026MR02

Tray category #1 (642 x 286mm)



9-4526MR



9-4026MR02

24
PC.

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

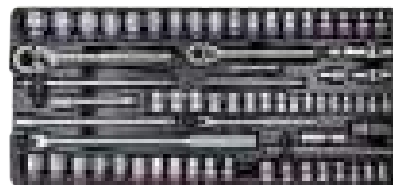
9-7069CR

9-7069CR01

Tray category #1 (642 x 286mm)



9-7069CR



9-7069CR01

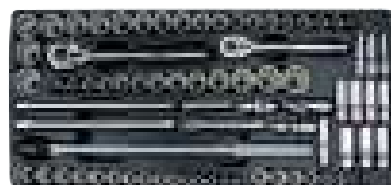
70
PC.

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

9-7078CR

9-7078CR01

Tray category #1 (642 x 286mm)



9-7078CR

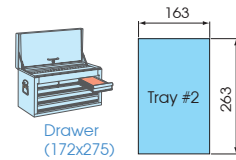


9-7078CR01

78
PC.

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

Tool Set Content



9-2548CR

9-2548CR01

Tray category #2 (263 x 163mm)



48
PC.

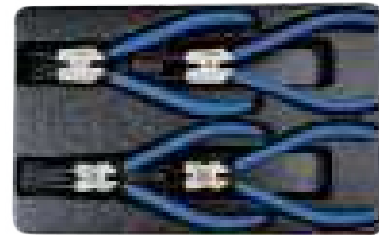
KT NO.	Contents		kg 1.28	1 / 10
9-2548CR	2779-55G	<ul style="list-style-type: none"> 2235M 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 2235S 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 	<ul style="list-style-type: none"> 2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 2335S 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 	
9-2548CR01	2769-55P	<ul style="list-style-type: none"> 2792 2813 2221-02 2221-04 		

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

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



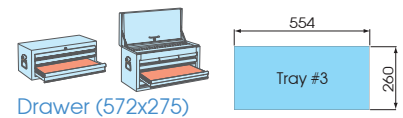
2
PC.



4
PC.

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

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



9-90128SR

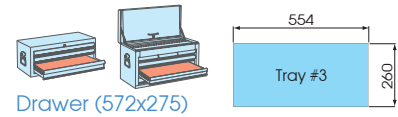
Tray category #3 (554 x 260mm)

Contents	kg 4.8	1 / 4
5060	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 1	
5970	1/4 x 5/16, 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 3/4 x 7/8, 15/16 x 1, 1-1/16 x 1-1/8	
76105-06	7811-16	
<ul style="list-style-type: none"> 76215-05 76217-06 76220-07 76224-10 	<ul style="list-style-type: none"> 76404-06 76406-07 76408-08 	



28
PC.

Tool Set Content



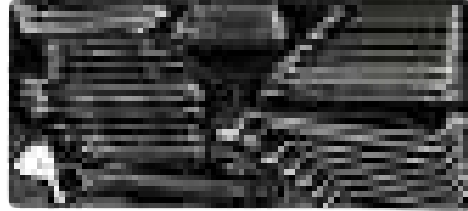
9-90138CR

Tray category #3 (554 x 260mm)

Contents

4.8 kg 1/4

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



38 PC.

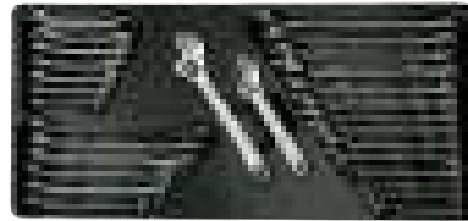
9-90329CR

Tray category #3 (554 x 260mm)

Contents

3.37 kg 1/4

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



29 PC.

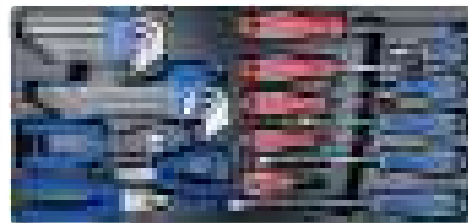
9-90129CR

Tray category #3 (554 x 260mm)

Contents

2.5 kg 1/4

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

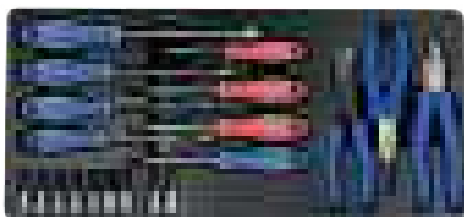


29 PC.

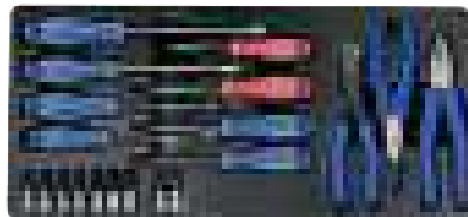
9-90220MR

9-90220MR01

Tray category #3 (554 x 260mm)



9-90220MR



9-90220MR01

20 PC.

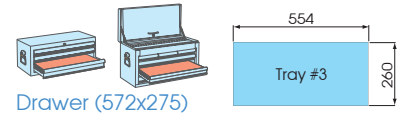
KT NO.

Contents

2.51 kg 1/4

9-90220MR	14280204 14240204	3025 3023 6111-08 6231-08 6311-08	H3, H4, H5, H6, H8, H10, H12 T30, T40	1421 1422	PH1x80, PH2x100 4x100, 5.5x125, 6.5x150, 8x175
9-90220MR01	14232004 14232504				

Tool Set Content

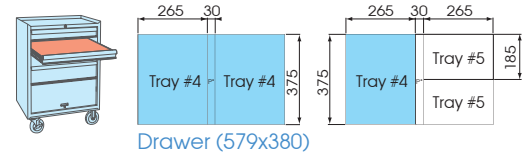
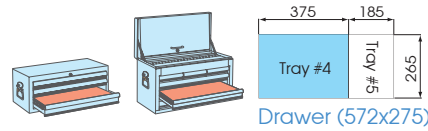


9-90154CR

9-90154CR01

Tray category #3 (554 x 260mm)

KT NO.	PC.	Contents	kg 2.86	1 / 4
9-90154CR	54	1032CQ01	<ul style="list-style-type: none"> 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	53	1032CQ	<ul style="list-style-type: none"> 7811-16 74030 76717-05 761 Ø 4 x 120 764 Ø 3 x 125 Ø 4 x 150 Ø 5 x 165 	



9-4516MR

Tray category #4 (375 x 265mm)

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



16 PC.

9-4522MR

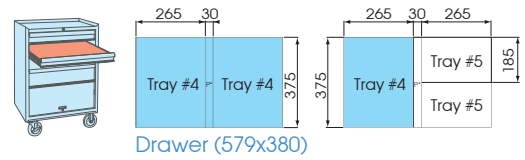
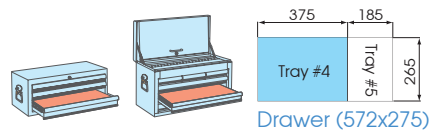
Tray category #4 (375 x 265mm)

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



22 PC.

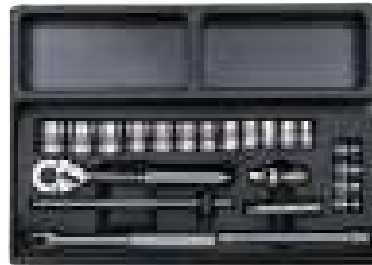
Tool Set Content



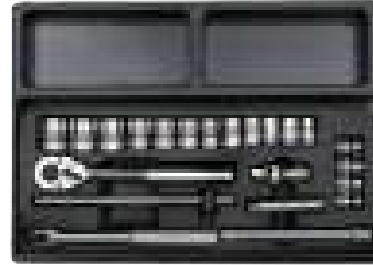
9-3523MR

9-3023MR01

Tray category #4 (375 x 265mm)



9-3523MR



9-3023MR01

22
PC.

KT NO.	Contents	kg	1 / 10
9-3523MR	3335M 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22	1.38	1 / 10
9-3023MR01	3330M 3769-08F, 3221-03, 3221-06, 3452-08F, 3769-08P, 3792, 3571-08		

9-4328MR

Tray category #4 (375 x 265mm)

Contents	kg	1 / 6
4335MR 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 29, 32	4.6	1 / 6
4027 T55H, T60H		
4791R 4768-10F 4452-15FR 4572-10 4251-05R 4251-10R		

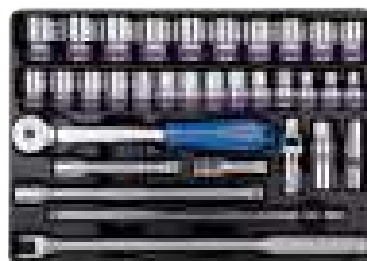


28
PC.

9-4333MR

9-4333MR03

Tray category #4 (375 x 265mm)



9-4333MR

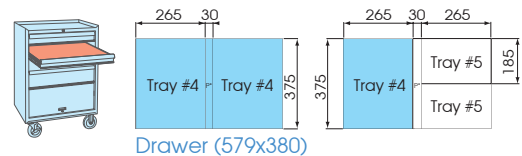
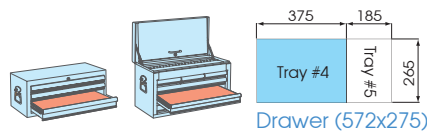


9-4333MR03

33
PC.

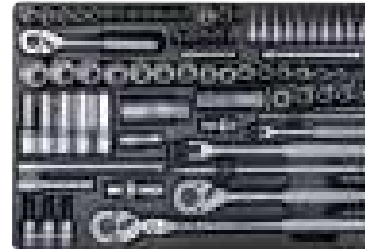
KT NO.	Contents	kg	1 / 6
9-4333MR	4755-10G 4335MR 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	5.4	1 / 6
9-4333MR03	4779-10GR 463521R 463516R 4791R 4572-12 4452-15FR 4251-03R, 4251-05R, 4251-10R		

Tool Set Content



9-5575MR Tray category #4 (375 x 265mm)

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

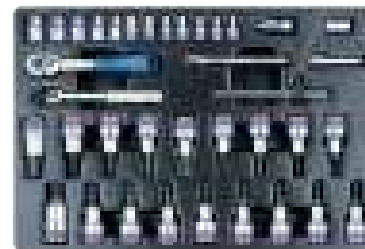


75 PC.

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

9-7537MR Tray category #4 (375 x 265mm)

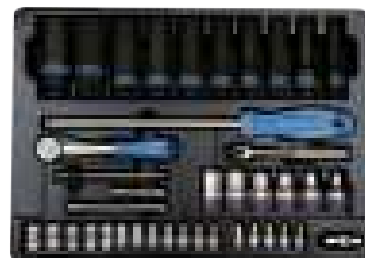
Contents		2.28	1 / 6
○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
★	4023	T20, T25, T27, T30, T40, T45, T50, T55, T60	
●	4025	H3, H4, H5, H6, H7, H8, H10, H12, H14	
—	2779-55G	2571-45	2792
—	2452-05F	2221-02	2221-04
—		2141	



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	2177DF	2452-05F
—	2221-04		



40 PC.

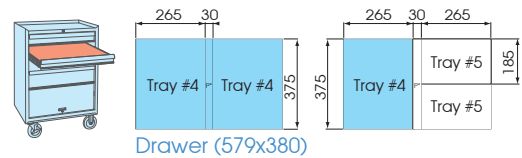
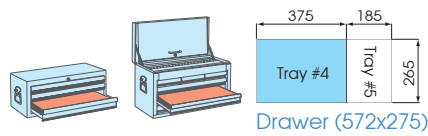
9-93523MR Tray category #4 (375 x 265mm)

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



9-90131MR

Tray category #4 (375 x 265mm)

Contents

3.1 1 / 10

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



31 PC.

9-1205MR

Tray category #4 (375 x 265mm)

KT NO.

Contents

2.70 1 / 6

1060	27, 28, 29, 30, 32
------	--------------------



5 PC.

9-1216MR

9-1216MR01

9-1216MR03

Tray category #4 (375 x 265mm)

KT NO.

Contents

3.20 1 / 6

9-1216MR		6, 8, 10, 12, 13, 14, 16, 17, 19, 21, 22, 24, 26, 27, 29, 32
9-1216MR01	1060	6, 8, 10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32
9-1216MR03		8, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32



16 PC.

9-1218MR

Tray category #4 (375 x 265mm)

KT NO.

Contents

2.12 1 / 6

1060	6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24
1930	8 x 10, 9 x 11



18 PC.

9-1219MR01

Tray category #4 (375 x 265mm)

KT NO.

Contents

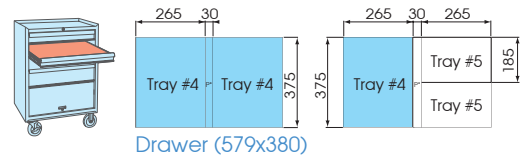
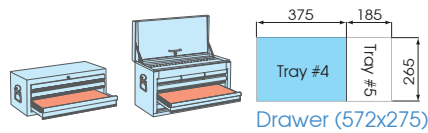
2.25 1 / 6

1060	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24
------	--



19 PC.

Tool Set Content



9-1272MR

Tray category #4 (375 x 265mm)

KT NO. Contents 1.45 1 / 5

1067 6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22



12
PC.

9-1282MR

Tray category #4 (375 x 265mm)

KT NO. Contents 1.05 1 / 10

10D0 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19



12
PC.

9-1608MR

Tray category #4 (375 x 265mm)

KT NO. Contents 1.5 1 / 6

1960 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22



8
PC.

9-1609MR

Tray category #4 (375 x 265mm)

KT NO. Contents 1.93 1 / 6

1960 8 x 9, 10 x 12, 11 x 13, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 22 x 24, 23 x 26



9
PC.

9-1709MR

Tray category #4 (375 x 265mm)

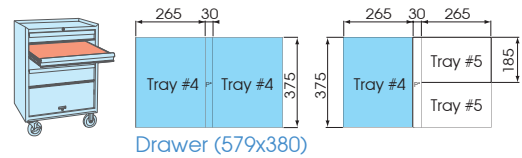
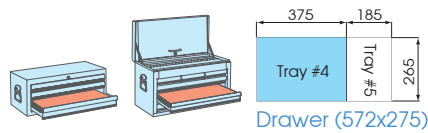
KT NO. Contents 2.38 1 / 6

1970 8 x 9, 10 x 12, 11 x 13, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 22 x 24, 23 x 26



9
PC.

Tool Set Content



9-1711MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	kg 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	kg 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			



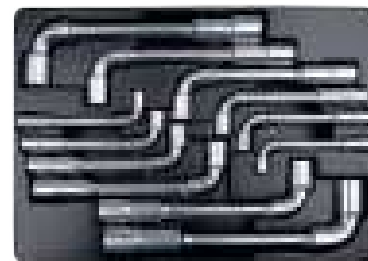
15
PC.

9-1812MR

9-1912MR

Tray category #4 (375 x 265mm)

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

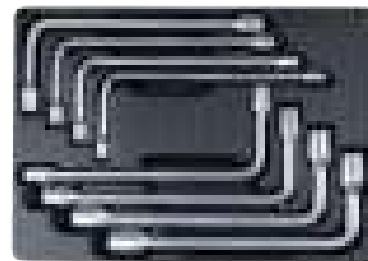


12
PC.

9-1838MR

Tray category #4 (375 x 265mm)

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



8
PC.

9-1905MR

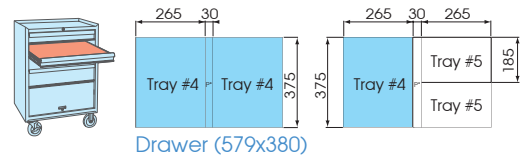
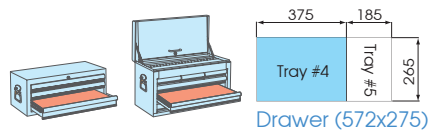
Tray category #4 (375 x 265mm)

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



5
PC.

Tool Set Content



9-1C08MR

Tray category #4 (375 x 265mm)

KT NO.	Contents	kg	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	0.91	1 / 10



8 PC.

9-10115MR

9-10215MR

Tray category #4 (375 x 265mm)

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



15 PC.

9-12120MR

Tray category #4 (375 x 265mm)

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



10 PC.

9-90109MN

Tray category #4 (375 x 265mm)

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



8 PC.

9-91120MR

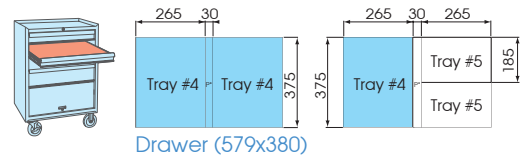
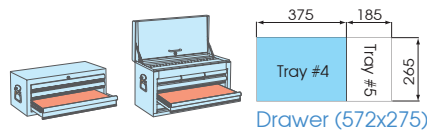
Tray category #4 (375 x 265mm)

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



20 PC.

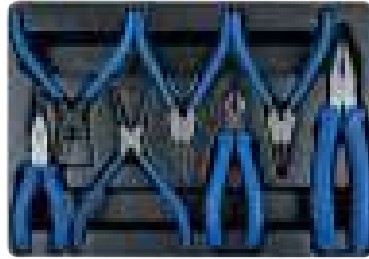
Tool Set Content



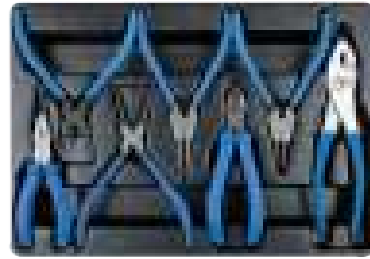
9-40207GP

9-40207GP01

Tray category #4 (375 x 265mm)



9-40207GP



9-40207GP01

7
PC.

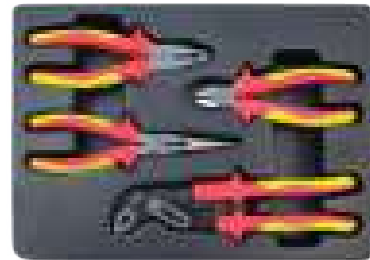
KT NO.	Contents	kg	1/6
9-40207GP	6111-08 6211-06 6311-06 68HS-07 68HB-07 68SS-07 68SB-07	1.5	1 / 10
9-40207GP01	6463-08C 6211-06 6311-06 67HS-07 67HB-07 67SS-07 67SB-07	1.5	1 / 6

9-40604GP

Tray category #4 (375 x 265mm)

Contents 1.98

6116-07A	6216-06A
6318-08A	6516-10A



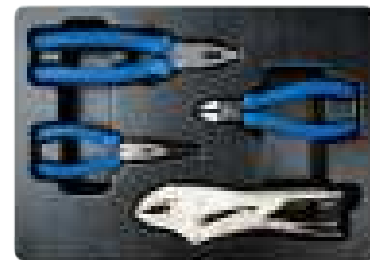
4
PC.

9-42144GP

Tray category #4 (375 x 265mm)

Contents 1.63

6011-10N	6111-08
6211-06	6311-06



4
PC.

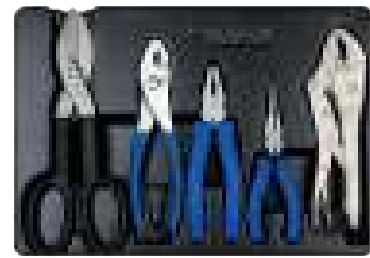
9-90205GN

9-90205GN01

Tray category #4 (375 x 265mm)



9-90205GN



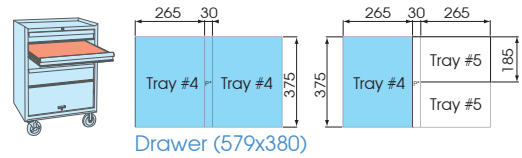
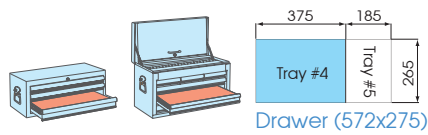
9-90205GN01

5
PC.

Contents 1.98

9-90205GN	6313-06	6011-10N	6111-07	6463-08C	74410
9-90205GN01	6311-06				

Tool Set Content



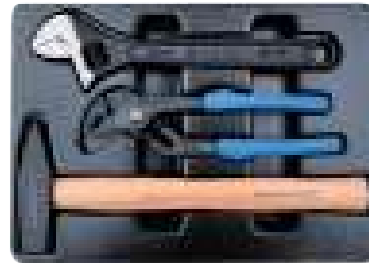
9-90103PP | 9-90103PP01 | 9-90103PP02 Tray category #4 (375 x 265mm)



9-90103PP



9-90103PP01



9-90103PP02

3
PC.

KT NO.	Contents	kg	Box
9-90103PP			
9-90103PP01	3611-12P	2.3	1 / 5
9-90103PP02	6511-10	2.51	1 / 10

9-90103RR Tray category #4 (375 x 265mm)

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



3
PC.

9-90106SR Tray category #4 (375 x 265mm)

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



6
PC.

9-22108MR Tray category #4 (375 x 265mm)

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



8
PC.

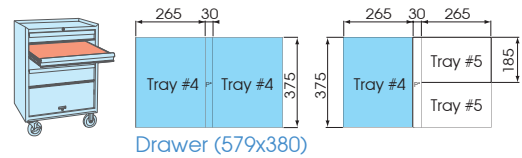
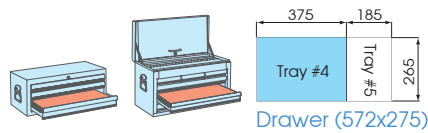
9-22308PR Tray category #4 (375 x 265mm)

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



8
PC.

Tool Set Content



9-30110CR

Tray category #4 (375 x 265mm)

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

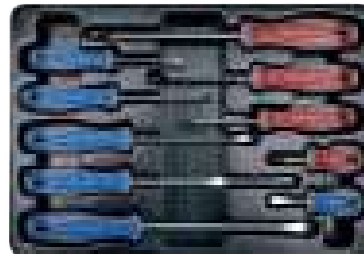


10 PC.

9-31110MR

Tray category #4 (375 x 265mm)

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



10 PC.

9-31909PR

Tray category #4 (375 x 265mm)

KT NO.	Contents	kg	1/6
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	0.65	1 / 6



9 PC.

9-90310MR

Tray category #4 (375 x 265mm)

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



10 PC.

9-34128FR

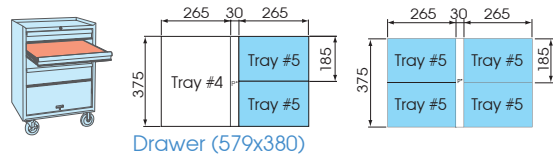
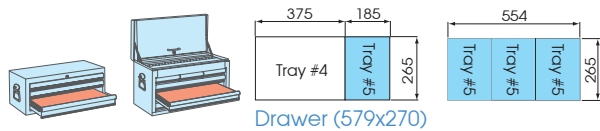
Tray category #4 (375 x 265mm)

Contents	kg	1/6
1836P PH2, PH3	1.98	1 / 6
1836S 9, 11		
1880P PH2, PH3		
1880S 8, 10		
1930 8 x 10, 11 x 13, 12 x 14		
4112 414810S 3204		



14 PC.

Tool Set Content



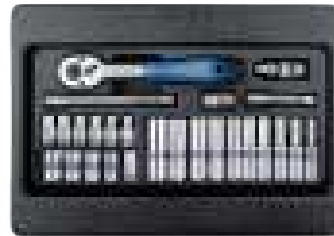
9-2526MR

Tray category #5 (265 x 185mm)

Contents

0.90 kg / 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	2792
—	2221-04	



26 PC.

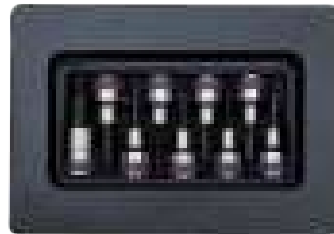
9-4119PR

Tray category #5 (265 x 185mm)

Contents

1.10 kg / 1 / 10

⊙	4033	T20, T25, T27, T30, T40, T45, T50, T55, T60
---	------	---



9 PC.

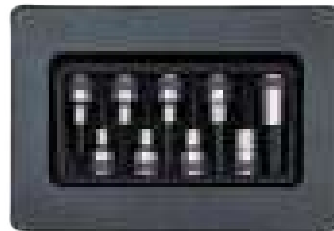
9-4120PR

Tray category #5 (265 x 185mm)

Contents

1.30 kg / 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 kg / 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

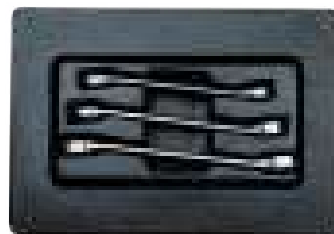
Tray category #5 (265 x 185mm)

KT NO.

Contents

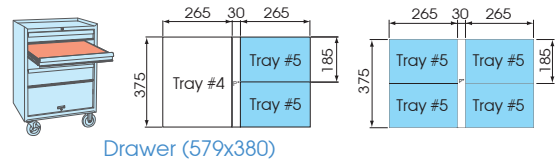
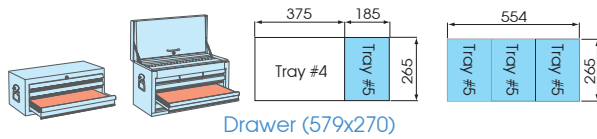
0.50 kg / 1 / 10

—	1930	10 x 11, 12 x 14, 14 x 17
---	------	---------------------------



3 PC.

Tool Set Content

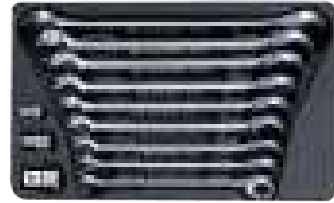


9-10112MR

9-10212MR

Tray category #5 (265 x 185mm)

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



12 PC.

9-40103GP

Tray category #5 (265 x 185mm)

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



3 PC.

9-31106MR

Tray category #5 (265 x 185mm)

KT NO.	Contents	kg 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		

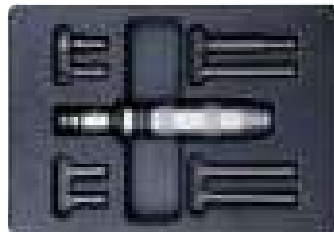


6 PC.

9-4128FR

Tray category #5 (265 x 185mm)

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



10 PC.

9-20110MR

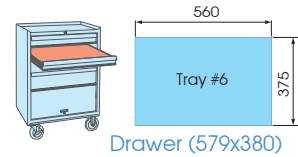
Tray category #5 (265 x 185mm)

KT NO.	Contents	kg 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

7.69 kg / 1 / 3

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



76 PC.

Contents

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

9-94435MP

Tray category #6 (560 x 375mm)

Contents

6.49 kg / 1 / 3

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



35 PC.

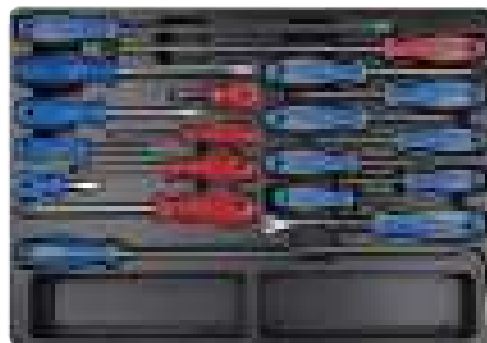
9-31919MR

Tray category #6 (560 x 375mm)

Contents

2.67 kg / 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 x 150
⊗		1427	T8H x 75, T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125
		43280212	
		2121-18	



19 PC.

9-90408TQ

Tray category #6 (560 x 375mm)

Contents

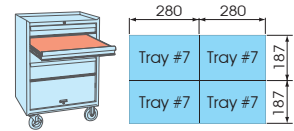
2.06 kg / 1 / 5

■		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.

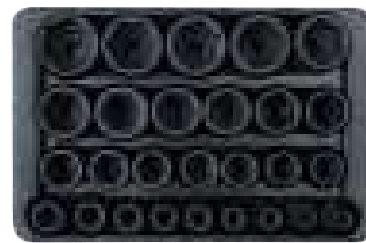
9-4427MP

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

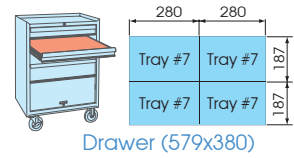
4.09 1 / 4

- 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



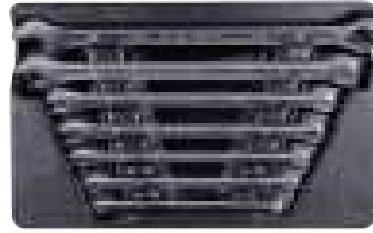
9-12C7MR new

Tray category #7 (280 x 187mm)

Contents

0.78 1 / 10

1061 8, 10, 11, 13, 14, 17, 19



7
PC.

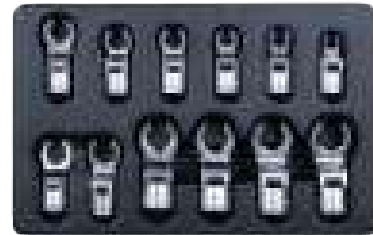
9-3612MR

Tray category #7 (280 x 187mm)

Contents

1.27 1 / 10

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



12
PC.

9-30904AY

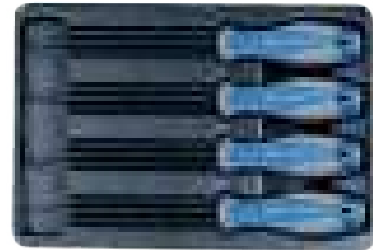
Tray category #7 (280 x 187mm)

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

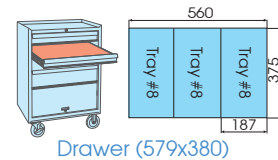
Contents

0.43 1 / 8

43250115Y 43270115Y
 43260115Y 43290115Y



4
PC.



9-12110MR

Tray category #8 (375 x 187mm)

Contents

1.89 1 / 12

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



10
PC.

9-90114MR

Tray category #8 (375 x 187mm)

Contents

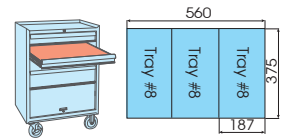
1.75 1 / 12

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



14
PC.

Tool Set Content



Drawer (579x380)

9-40618GP new

Tray category #8 (375 x 187mm)

Contents

1.89 1 / 12

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



8
PC.

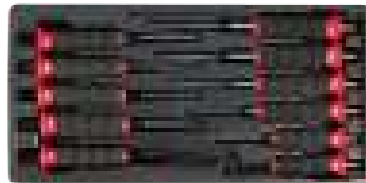
9-1011GP

Tray category #8 (375 x 187mm)

Contents

1.15 1 / 12

	761G	6x185mm
	763G	4x185mm, 5x185mm, 6x185mm, 8x185mm
	764G	2x140mm, 3x150mm, 4x180mm, 5x200mm, 6x210mm, 8x220mm



11
PC.

9-91016MR

Tray category #8 (375 x 187mm)

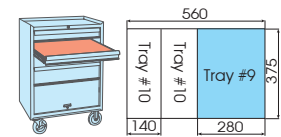
Contents

1.15 1 / 12

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



16
PC.



Drawer (579x380)

9-4335MR

9-4235MR

Tray category #9 (375 x 280mm)

KT NO.

Contents

5.01 1 / 2

9-4335MR	4235M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 36
9-4235MR	4230M	



25
PC.

9-4435MP

Tray category #9 (375 x 280mm)

Contents

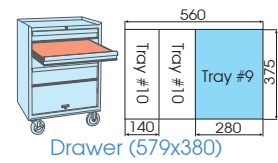
7.3 1 / 2

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



25
PC.

Tool Set Content



9-6414MP 9-6414SP Tray category #9 (375 x 280mm)



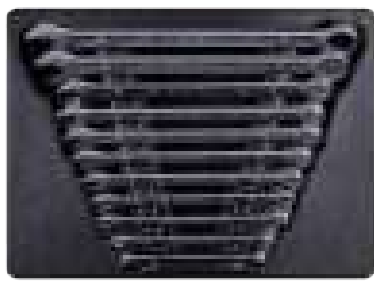
14 PC.

9-6414MP 9-6414SP

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

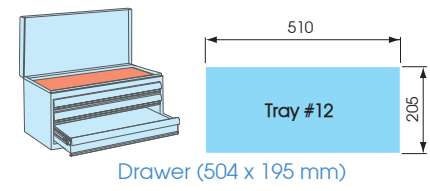
9-12A1MR new Tray category #9 (375 x 280mm)

Contents	Weight (Kg)	Volume (1/4)
1061 8, 10, 12, 13, 14, 16, 17, 18, 19, 22, 24	1.91	1 / 4



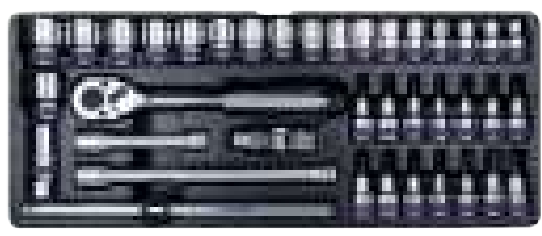
11 PC.

Tool Chest Set Content

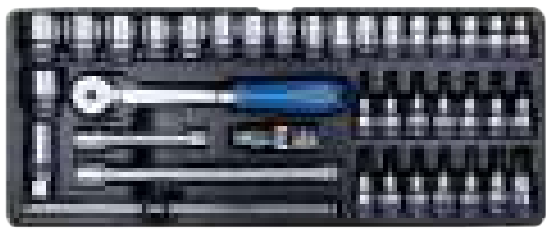


9-4338MR 9-4338MR01 9-4338MR03 Tray category #12 (510 x 205mm)

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



9-4338MR



9-4338MR01 / 9-4338MR03

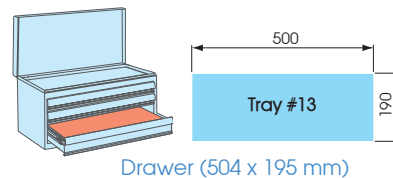
38 PC.

KT NO.	Contents	Weight (Kg)	Volume (1/5)
9-4338MR	4335MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	5.96	1 / 5
9-4338MR01			
9-4338MR03			

4768-10F	PH2, PH3 4021	4251-05R
4755-10G	8, 10 4022	4572-12
4755-10G	T25, T27, T30, T40 4023	4791R
	H4, H5, H6, H8, H10, H12 4025	463521R

Tool Chest Set Content

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



9-90121MR

Tray category #13 (500 x 190mm)

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

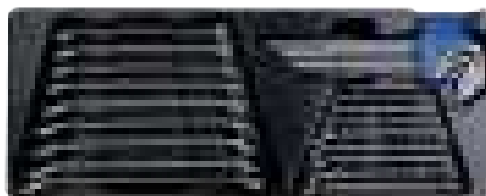


21
PC.

9-90126MR

Tray category #13 (500 x 190mm)

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



26
PC.

9-90104GP

Tray category #13 (500 x 190mm)

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

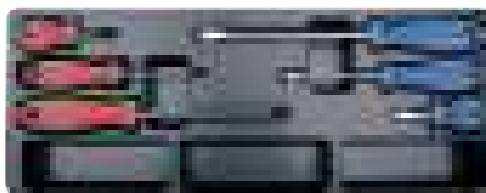


4
PC.

9-31006MR

Tray category #13 (500 x 190mm)

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



6
PC.

9-90113MA

Tray category #13 (500 x 190mm)

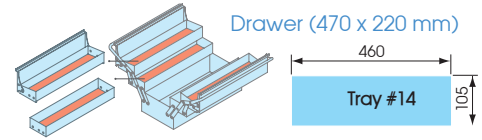
Contents		kg 2.98	1 / 5
4023	T45		
4025	H8, H12		
402B	M16		
3204	401408M	9AE42	
112005MR 112006MR	9AE2-6606 9AE2-7608 9AE2-7614 9AE2-9315		



13
PC.

Tool Box Set Content

• For 87402 only P.52



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

20 PC.



9-4219MR



9-4219MR07



9-4219SR08



9-4319MR/9-4319MR05



9-4319MR02



9-4319MR01

KT NO.	Contents	Weight	Volume
9-4219MR	4768-10F 4330MR	2.5	1/8
9-4219MR07	4762-10F 4330MR		
9-4219SR08	4330SR		
9-4319MR	4768-10F		
9-4319MR01	4755-10G 4335MR		
9-4319MR02	4779-10FR		
9-4319MR05	4768-10F		

Contents details:

- 9-4219MR: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
- 9-4219MR07: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27
- 9-4219SR08: 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
- 9-4319MR01: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32
- 9-4319MR02: 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32

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



6 PC.

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



6 PC.

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

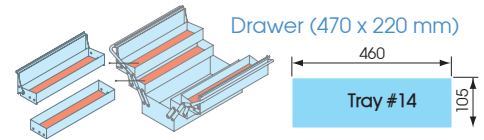
KT NO.	Contents	Weight	Volume
9-1606MR	1960	1.1	1/8
9-1606MR01	1960		

Contents details:

- 9-1606MR: 10 x 12, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 23 x 26
- 9-1606MR01: 8 x 10, 10 x 12, 12 x 14, 14 x 17, 17 x 19, 22 x 24

Tool Box Set Content

▪ For 87402 only P.52



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



7
PC.

Contents

1.5 kg 1 / 8

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

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



6
PC.

Contents

1.1 kg 1 / 8

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

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



15
PC.

Contents

1.2 kg 1 / 8

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

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



3
PC.

Contents

0.8 kg 1 / 8

6111-07 6211-06
6311-06

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



20
PC.

Contents

1.5 kg 1 / 8

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

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



6
PC.

Contents

0.8 kg 1 / 8

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

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



15
PC.

Contents

1.2 kg 1 / 8

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

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



6
PC.

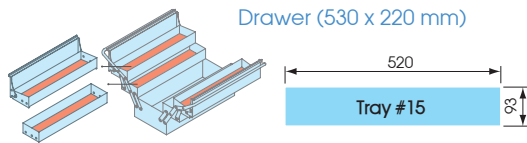
Contents

1.18 kg 1 / 8

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

Tool Box Set Content

• For 87408 only P.52



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

29
PC.



Contents 2.67 1 / 5

KT NO.	Contents	Weight (kg)	Boxes (1/5)
4025	H5, H6, H8, H10, H12, H14		
4330MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24, 26, 27, 28, 30, 32		
4330SR	7/16, 9/16, 7/8		
463521R			

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

6
PC.



Contents 1.99 1 / 5

KT NO.	Contents	Weight (kg)	Boxes (1/5)
4779-10GR	4572-12		
4251-03R			
4251-05R	4791R		
4251-10R			

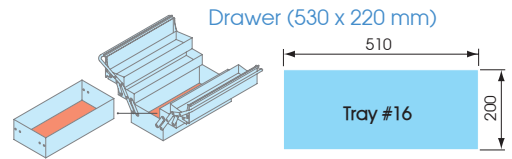
9-90111MR Tray category #15 (520 x 93mm)

11
PC.



Contents 1.25 1 / 5

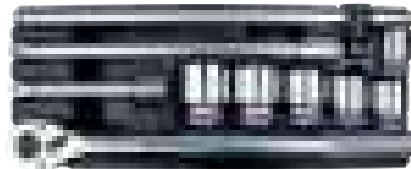
KT NO.	Contents	Weight (kg)	Boxes (1/5)
1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		
3611-10P	6511-10C		



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

9-6010MR01

10
PC.



KT NO. Contents 1 / 2

KT NO.	Contents	Weight (kg)	Boxes (1/2)
9-6010MR	33, 36, 38, 41, 46, 50	9.70	1 / 2
	6779-20F		
9-6010MR01	30, 32, 36, 41, 46, 50	9.50	
	6251-08 6251-16 6572-20		

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

15
PC.



Contents 3.12 1 / 2

KT NO.	Contents	Weight (kg)	Boxes (1/2)
1060	8, 10, 11, 12, 13, 14, 17, 18, 19, 21, 22, 24, 27, 30, 32		

HAND SOCKETS & ACCESSORIES

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





Socket Made

01 Hot forge



02 Lathing



03 Marking



04 Heat treatment



05 Sand blast



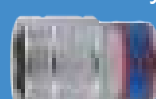
06 Grinding



07 Plating



08 Rubber stripe assembly



Precision forging Technology



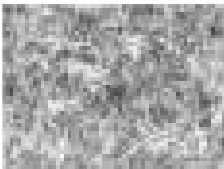
Other brand (not good)



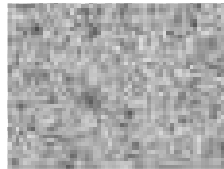
King Tony brand (good)

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

Conventional heat treatment and microstructural



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



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

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

Professional production & quality control

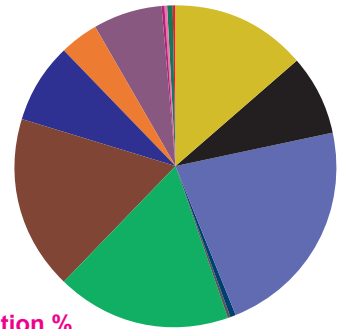
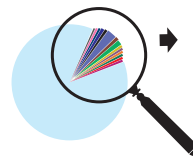


DIN 30%

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

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

Finest material for tools

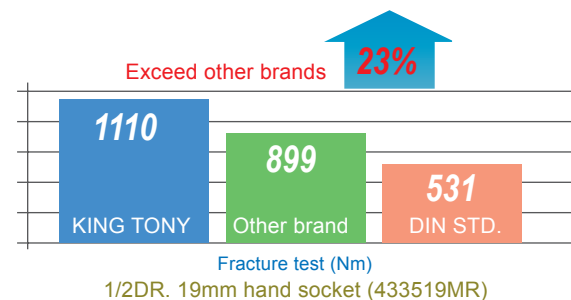
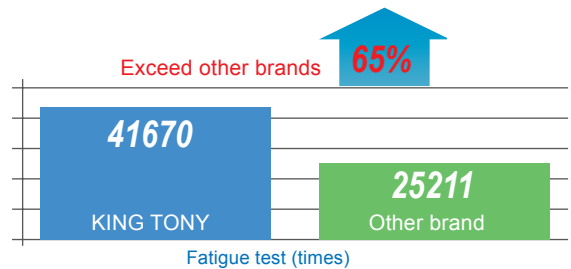


Element composition %

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

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

Extremely hard-wearing performance



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

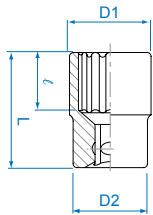
Standard Socket



KT No. & DT

2330M 2330S 1/4"

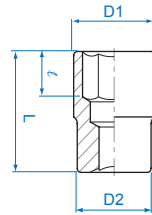
- Metric-DIN 3124, ISO 2725-1
- Inch-ANSI/ASME B107.1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
233004M	4	6.8	11.8	4	24	10	20 / 600
233045M	4.5	7.4	11.8	5	24	10	20 / 600
233005M	5	8.0	11.8	6	24	11	20 / 600
233055M	5.5	8.7	11.8	6	24	11	20 / 600
233006M	6	9.2	11.8	7	24	11	20 / 600
233007M	7	10.3	11.8	7	24	11	20 / 600
233008M	8	11.4	11.8	8	24	11	20 / 600
233009M	9	12.8	12.0	8	24	15	20 / 600
233010M	10	14.3	13.0	9	24	14	12 / 360
233011M	11	15.8	14.2	9	24	20	12 / 360
233012M	12	16.8	15.5	9	24	22	12 / 360
233013M	13	17.8	16.5	9	24	24	12 / 360
233014M	14	19.6	18.5	9	24	30	10 / 300
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
233005S	5/32	6.8	11.8	4	24	10	20 / 600
233006S	3/16	7.9	11.8	6	24	10	20 / 600
233007S	7/32	8.7	11.8	6	24	11	20 / 600
233008S	1/4	9.5	11.8	7	24	11	20 / 600
233009S	9/32	10.3	11.8	7	24	11	20 / 600
233010S	5/16	11.4	11.8	8	24	11	20 / 600
233011S	11/32	13.7	12.2	8	24	13	20 / 600
233012S	3/8	14.2	13.0	8	24	14	12 / 360
233014S	7/16	15.8	14.2	9	24	19	12 / 360
233015S	15/32	16.8	15.5	9	24	22	12 / 360
233016S	1/2	17.6	16.5	9	24	24	12 / 360

2335M 2335S 1/4"

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

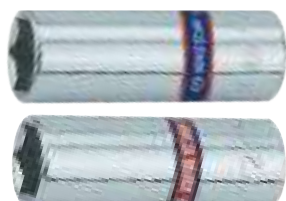
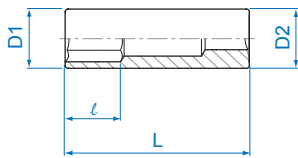


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
233532M	3.2	5.7	11.8	3.5	24	9	20 / 600
233504M	4	6.8	11.8	4	24	10	20 / 600
233545M	4.5	7.4	11.8	5	24	10	20 / 600
233505M	5	8.0	11.8	6	24	11	20 / 600
233555M	5.5	8.7	11.8	6	24	11	20 / 600
233506M	6	9.2	11.8	7	24	11	20 / 600
233507M	7	10.3	11.8	7	24	11	20 / 600
233508M	8	11.4	11.8	8	24	11	20 / 600
233509M	9	12.8	12.0	8	24	15	20 / 600
233510M	10	14.3	13.0	9	24	14	12 / 360
233511M	11	15.8	14.2	9	24	20	12 / 360
233512M	12	16.8	15.5	9	24	22	12 / 360
233513M	13	17.8	16.5	9	24	24	12 / 360
233514M	14	19.6	18.5	9	24	30	10 / 300
233515M	15	20.9	19.3	12	24	40	10 / 300
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
233505S	5/32	6.8	11.8	4	24	10	20 / 600
233506S	3/16	7.9	11.8	6	24	10	20 / 600
233507S	7/32	8.7	11.8	6	24	11	20 / 600
233508S	1/4	9.5	11.8	7	24	11	20 / 600
233509S	9/32	10.3	11.8	7	24	11	20 / 600
233510S	5/16	11.4	11.8	8	24	11	20 / 600
233511S	11/32	13.7	12.2	8	24	13	20 / 600
233512S	3/8	14.2	13.0	8	24	14	12 / 360
233514S	7/16	15.8	14.2	9	24	19	12 / 360
233515S	15/32	16.8	15.5	9	24	22	12 / 360
233516S	1/2	17.6	16.5	9	24	24	12 / 360
233518S	9/16	19.6	18.5	9	24	25.2	10 / 300

Deep Socket

2235M

- 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

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
223512M	12	16.8	16.8	21	50	53	15 / 240
223513M	13	17.8	17.8	21	50	51	15 / 240
223514M	14	19.8	19.8	21	50	68	15 / 240
223515M	15	20.9	20.9	25	50	79	12 / 240
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
223505S	5/32	6.8	11.8	6	50	24	20 / 320
223506S	3/16	7.9	11.8	7	50	24	20 / 320
223507S	7/32	8.7	11.8	9	50	25	20 / 320
223508S	1/4	9.5	11.8	9	50	25	20 / 320
223509S	9/32	10.3	11.8	15	50	25	20 / 320
223510S	5/16	11.8	11.8	15	50	24	20 / 320
223511S	11/32	13.0	13.0	15	50	31	15 / 240
223512S	3/8	14.5	14.5	15	50	34	15 / 240
223514S	7/16	15.8	15.8	21	50	46	15 / 240
223516S	1/2	17.6	17.6	21	50	56	15 / 300
223518S	9/16	19.6	19.6	21	50	52.2	15 / 270

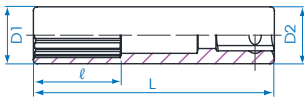


Deep Socket

2230M



- 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

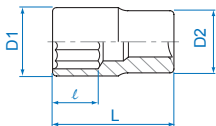
Double Square Socket

2310M

2310S



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



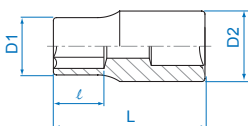
KT NO.	mm	D1 mm	D2 mm	l mm	L mm		
231008M	8	14.3	13.0	9	24	14	12 / 360
231010M	10	17.6	16.5	9	24	14	12 / 360
KT NO.	inch	D1 mm	D2 mm	l mm	L mm		
231010S	5/16	14.3	13.0	9	24	14	12 / 360
231012S	3/8	17.6	16.5	9	24	14	12 / 360

Star Socket

2375M



- 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

Star Socket

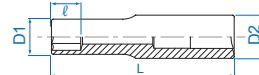


KT No. & D1

2275M



- 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

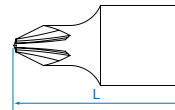


CAUTION In order to get normal life of bit socket, always use within limited torque to bit.

2011X



- Phillips head
- DIN ISO 8764-1

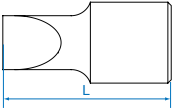


KT NO.	No.	L mm		
201101X	PH1	25	9	20 / 600
201102X	PH2	25	10	20 / 600
201103X	PH3	25	10	20 / 600
201104X	PH4	25	12	20 / 600

2012X



- Slotted head
- DIN ISO 2380-1

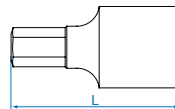


KT NO.	Tip width mm	Tip thickness mm	L mm		
201235X	3.5	0.6	25	8	20 / 600
201255X	5.5	1.0	25	9	20 / 600
201208X	8	1.2	25	10	20 / 600

2015X



- 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

Bit Socket

KT No. & D1

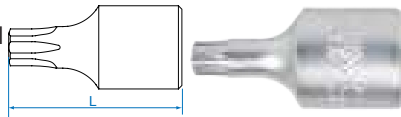


In order to get normal life of bit socket, always use within limited torque to bit.

2013X

1/4"

- For torx internal screw

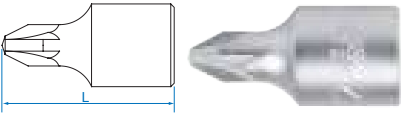


KT NO.	Size	L mm	Weight	Box
201308X	T8	25	8	20 / 600
201309X	T9	25	8	20 / 600
201310X	T10	25	8	20 / 600
201315X	T15	25	8	20 / 600
201320X	T20	25	8	20 / 600
201325X	T25	25	9	20 / 600
201327X	T27	25	9	20 / 600
201330X	T30	25	9	20 / 600
201340X	T40	25	10	20 / 600

2018X

1/4"

- Pozidriv head
- DIN ISO 8764-1

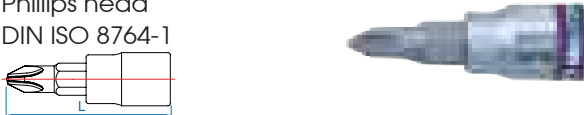


KT NO.	No.	L mm	Weight	Box
201801X	PZ1	25	8.5	20 / 600
201802X	PZ2	25	9.5	20 / 600
201803X	PZ3	25	10	20 / 600
201804X	PZ4	25	12	20 / 600

2031

1/4"

- Phillips head
- DIN ISO 8764-1



KT NO.	No.	L mm	Weight	Box
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	Weight	Box
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.	Size mm	L mm	Weight	Box
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	Weight	Box
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	Weight	Box
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		Scales	Boxes
	inch	mm		
2725-55F	5-1/2	140	144	5 / 90
2725-55G	5-1/2	140	171	5 / 90
2725DK	renewal kits		-	-



2725DK



2725-55G



2725-55F

2755

FINE GEAR

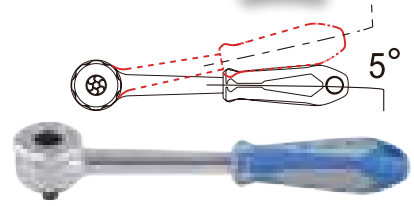
1/4"

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

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



2755DK



2756

QUICK RELEASE

FINE GEAR

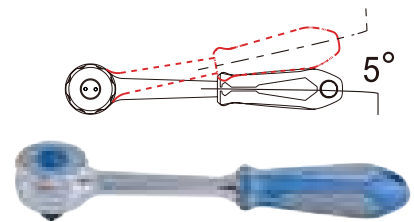
1/4"

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

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



2756DK



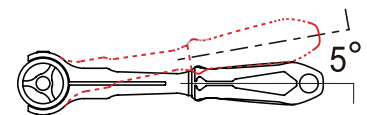
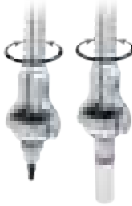
2752

QUICK RELEASE

FINE GEAR

1/4"

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



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



2752DK



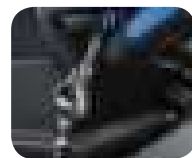
2752-45G

QUICK RELEASE

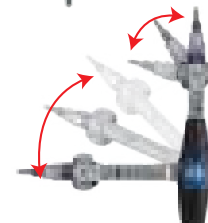
FINE GEAR

1/4"

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



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



Ratchet

- Material
 - chrome vanadium alloy steel handle
 - chrome molybdenum steel (gear) driver


- Finishing
 - polished, chrome plated
 - black driver by phosphate sunk

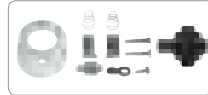
KT No. & D1 

2761

QUICK RELEASE 1/4"

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

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



2761DK



2761-55F





2761-55P

2769

1/4"

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

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



2769DK



2769-55F



2769-55P

2771

QUICK RELEASE 1/4"

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

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



2771DK



2771-55F




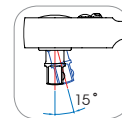
2771-55G

2774 **new**

1/4"

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

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



2774DK



2774-55F





2774-55G

2779

1/4"

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

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



2779DK



2779-55F

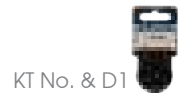


2779-55G

Ratchet

- Material
 - chrome vanadium alloy steel handle
 - chrome molybdenum steel (gear) driver

- Finishing
 - polished, chrome plated
 - black driver by phosphate sunk



KT No. & D1

2781

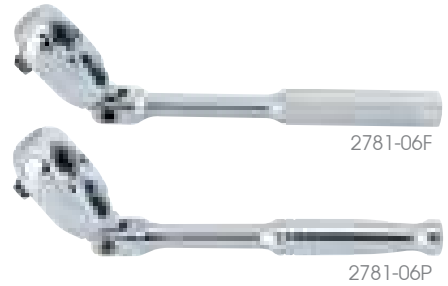
QUICK RELEASE 1/4"

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

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



2781DK



2781-06F

2781-06P

2789

1/4"

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

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



2789DK



2760

MINI RATCHET 1/4"

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

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



2760DK



2765

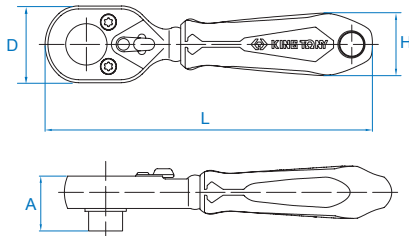
276A

FINE GEAR

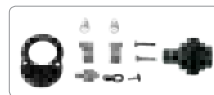
MINI RATCHET

1/4"

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



2765DK



276ADK

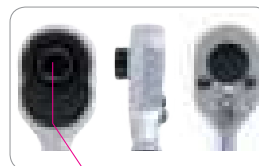


2765-04G



276A-04G

KT NO.	A mm	D mm	L mm	H mm		
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					



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

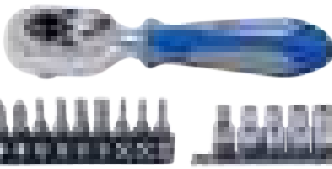
	2335M	4, 5, 6, 7, 8, 9, 10, 11, 12, 13
	1025P	PH1, PH2, PH3
	1025T	T10, T20, T30
	1025H	H4, H6
	1025S	5.5x1.0, 6.5x1.2
	276A-04G	

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	6 / 36
2745	46	26.5	103	12 / 144

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



2221

1/4"

- Extension bar
- DIN 3122



KT NO.	Overall length		g	6 / 36
	inch	mm		
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



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

2223

1/4"

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



KT NO.	Overall length		g	6 / 36
	inch	mm		
2223-02	2	55	23	30 / 480
2223-04	4	100	45	15 / 240

Accessory

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



KT No. & D1

2293

1/4"

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



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

KT No. & D1

2311

1/4"

- Flexible extension bar



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

KT No. & D1

2312

1/4"

- Flexible extension bar



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

2792

1/4"

- Universal joint
- DIN 3123



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

2813

1/4"

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



3/8" drive (M) ← 1/4" drive (F)

KT NO.	Spec.	Scales	Cubes

213312DF

1/4"

- Magnetic screwdriver driver handle
- DIN 3126



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

2177DF

1/4"

- Spinner handle
- DIN 3122



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

2178DF

- Spinner handle
- DIN 3122

2179DF new

1/4"



2178DF (PP + TPR)



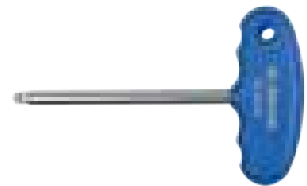
2179DF (PP)

KT NO.	Overall length		Scales	Cubes
	inch	mm		
2178DF	6	150	75	6 / 120
2179DF	6	150	90	12 / 192

2178TG

1/4"

- Spinner handle
- DIN 3122



KT NO.	Scales	Overall length		Scales	Cubes
		inch	mm		
2178TG	1/4	115	154	100	6 / 96

KT No. & D1

2452

1/4"

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

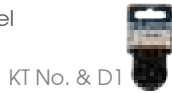


2452DK

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

Accessory

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



2453 1/4"

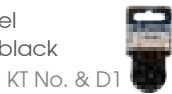
- Flexible handle
- Action degree -180°
- New pattern design added in firm and powerful elements
- New forge technologies I-Beam shank offers 15% lightweight
- DIN 3122



2452DK

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

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



2571 1/4"

- Sliding T-handle
- DIN 3122



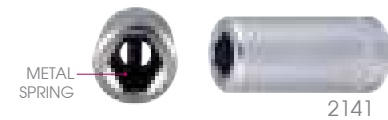
KT NO.	Overall length		Scales	Cubes
	Inch	mm		
2571-45	4-1/2	115	41	12 / 192



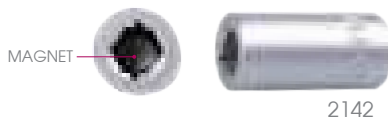
KT No. & D1

2141 2142 1/4"

- Bit holder
- DIN 3122



2141



2142

KT NO.	Size	Overall length	Scales	Cubes
2141	1/4	25	14	20 / 320
2142	1/4	25	14.2	20 / 320

Socket Rail Set

2509MR 1/4"

- Socket rail 150mmL

9 PC.



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

2513MR 1/4" new

- Socket rail 150 mmL

13 PC.



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

2513MRD1 1/4" new

- Socket rail 508 mmL

13 PC.



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

2509SR 1/4"

- Socket rail 150mmL

9 PC.



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

2311MR 1/4" new

- Socket rail 240 mmL

13 PC.



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

2127PR 1/4"

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

7 PC.



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

Socket Rail Set

2109PR 1/4"

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

9
PC.



Contents 0.12 50

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

2107PR 1/4"

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

7
PC.



Contents 0.12 50

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

2119PR 1/4"

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

9
PC.



Contents 0.12 50

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

872 1/4"

- Rail length from 160 mm to 560 mm



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

Extension Bar Set

2104PR 1/4"

4
PC.



Contents 0.17 1 / 80

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

Socket & Set

2313MR new 1/4"

13
PC.



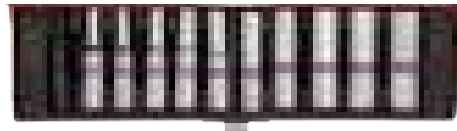
Contents 0.42 20

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

2510SR 1/4"

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

10
PC.



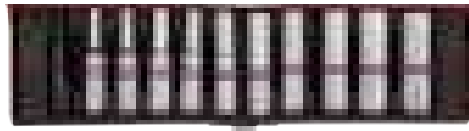
Contents 0.62 1 / 30

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 1 / 30

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

Socket Set

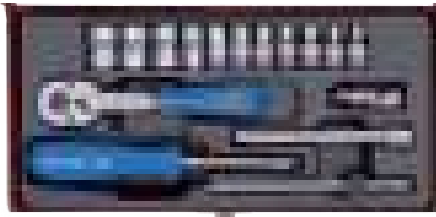
2516MR

2516SR

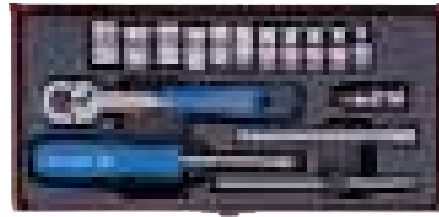
1/4"

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

**16
PC.**



2516MR



2516SR

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

2518MR

2518SR

2518MR01

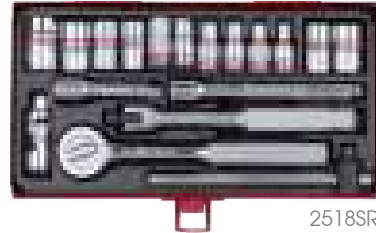
1/4"

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

**18
PC.**



2518MR/2518MR01



2518SR

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

2019MR

2019SR

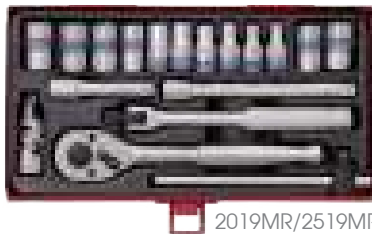
2519MR

2519SR

1/4"

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

**18
PC.**



2019MR/2519MR



2019SR/2519SR

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

Socket Set

2021MR



2521MR

1/4"

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

19
PC.

KT NO. Contents  0.87  1 / 20

KT NO.	Contents	Weight (kg)	Box Qty
2021MR	 2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	0.87	1 / 20
2521MR	 2335M		



2025MRE01








1/4"

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

26
PC.



Contents  0.6  1 / 20

KT NO.	Contents	Weight (kg)	Box Qty
2025MRE01	 2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 13, 14	0.6	1 / 20
	 1025P PH1, PH2		
	 1025H H3, H4, H5		
	 1025T T10, T15, T20, T25, T30, T40		
	 2221-04  276A-04G  2792		

2525MRE








1/4"

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

25
PC.



Contents  0.56  1 / 20

KT NO.	Contents	Weight (kg)	Box Qty
2525MRE	 2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	0.56	1 / 20
	 1025P PH2 x 2		
	 1025H H5, H6		
	 1025T T10, T15, T20, T25, T30, T40		
	 2771-55G  2221-04  2142		

2526MR

2526SR

1/4"

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

26
PC.





2526MR



2526SR

KT NO. Contents  1.30  1 / 18

KT NO.	Contents	Weight (kg)	Box Qty
2526MR	 2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13	1.30	1 / 18
	 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		

Socket Set

2526CR

1/4"

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

26
PC.



Contents 1.30 1 / 10

○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
○	2335S	1/4, 3/8, 1/2
⊛	2033	T20, T25, T30, T40
	2779-55G	
	2452-05F	
	2571-45	
	2221-02	
	2221-04	
	2792	

2030CR

2530CR

1/4"

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

30
PC.



KT NO. Contents 1.30 1 / 18

2030CR	○	2330M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12	⊛	2310M	8, 10
	○	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
2530CR	○	2335M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12		2769-55F	2792
	○	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2		2571-45	
					2452-05F	
					2221-02	
					2221-04	

2031MR

2531MR

1/4"

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

31
PC.



KT NO. Contents 1.60 1 / 15

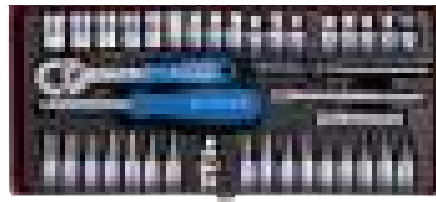
2031MR	○	2330M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12, 13	⊛	T8, T9, T10, T15, T20, T25, T27, T30
				⊛	H3, H4, H5, H6, H8, H10
2531MR	○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		2779-55G
					2221-03
					2221-06
					2179DF
					2571-45
					2792

2539MR

1/4"

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

39
PC.



Contents 1.61 1 / 15

○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
⊛	2375	E4, E5, E6, E7, E8
⊛	2033	T8, T9, T10, T15, T20, T25, T27, T30, T40
⊛	2035	H3, H4, H5, H6, H7, H8, H10
	2779-55G	
	2179DF	
	2571-45	
	2221-02	
	2221-04	
	2792	

2540MR

1/4"

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

39
PC.



Contents 1.52 1 / 12

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

2575MR

1/4"

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

45
PC.



Contents 1.24 1 / 18

○	2335M	4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
⊖	1025S	4, 6.5, 7, 8
⊕	1025P	PH1, PH2, PH3
⊛	1025H	H2.5, H3, H4, H5, H6, H7, H8, H10
⊛	1025U	T8H, T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H
⊛	1025Z	PZ1, PZ2, PZ3
	2755-55G	
	2223-02	
	2792	
	2311-06	
	2179DF	
	2142	



Socket Set

2551MR

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



2551MR

2551MR01



2551MR01

1/4"

51
PC.

KT NO.

Contents



1.30



1 / 18

2551MR	2755-55G	2235M 4, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1025U T10H, T15H, T20H, T25H, T27H, T30H, T40H	2813	2142	2792
		1025S 3, 4, 5, 6	1025Z PZ1, PZ2 x 2, PZ3	7702-25	753-63	
2551MR01	2761-55F	1025P PH1, PH2 x 2, PH3	1025T T10, T15, T20, T25, T27, T30, T40	2223-02	2178DF	2223-04
		1025H H3, H4, H5, H6				

2516MRV03

new

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

Contents



0.75



1/16

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

Tray category #11 (187 x 140mm)

1/4"

17
PC.



2524MRV

new

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

Contents



0.9



1/16

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

Tray category #11 (187 x 140mm)

1/4"

21
PC.



2528MRV

new

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

Contents



0.76



1/16

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

Tray category #11 (187 x 140mm)

1/4"

29
PC.



2534MRV

new

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

Contents



1.76



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
2771-55G	2571-45
2142	
2221-02	2792
2221-04	2178DF
2221-06	

Tray category #7 (280 x 187mm)

1/4"

34
PC.



Socket Set

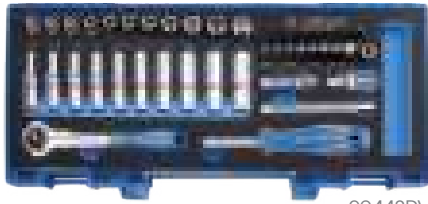
2044SRV

2544SRV

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

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

44
PC.



2044SRV



2544SRV

KT NO.	Contents		kg 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	2142 2792 2223-02 2223-04 2752-06G 2178DF
2544SRV	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2	1025S	1025P 5025H 2178DF 2752-06G

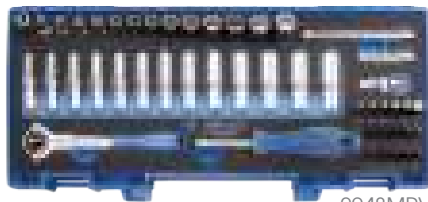
2048MRV

2548MRV

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

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

48
PC.



2048MRV



2548MRV

KT NO.	Contents		kg 1.79	1 / 10
2048MRV	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2235M	2142 2792 2223-02 2223-04 2178DF 2752-06G
2548MRV	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1025S	1025P 1025H

2550MRV

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

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

50
PC.

Contents		kg 2.2	1 / 6
2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14		
2375M	E4, E5, E6, E7, E8		
2031	PH1, PH2, PH3, PH4		
2032	4, 5.5, 6.5, 8, 10		
2033	T8, T9, T10, T15, T20, T25, T27, T30, T40		
2035	H3, H4, H5, H6, H7, H8, H10		
2771-55G	2178DF		
2792	2571-45		
2293-04	2221-02		
2293-06			



Socket Set

2553MRV

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

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

53
PC.



Contents

1.67 1 / 10

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

Contents

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

2553MRV01 new

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

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

55
PC.



Contents

1.87 1 / 10

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

Contents

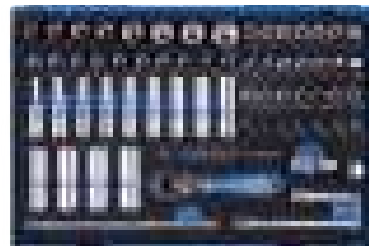
7702-25	276A-04G
2571-45	213312DF
2221-02	2745
2221-04	2792
2221-06	2142

2565MRV

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

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

65
PC.



Contents

2.67 1 / 6

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

Contents

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

Standard Socket

KT No. & D1

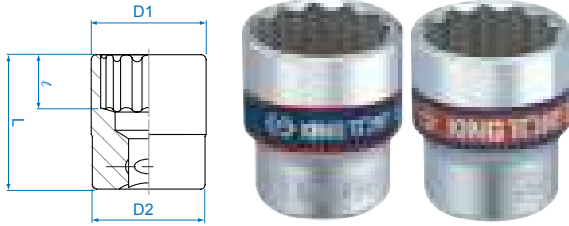


3330M

3330S

3/8"

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



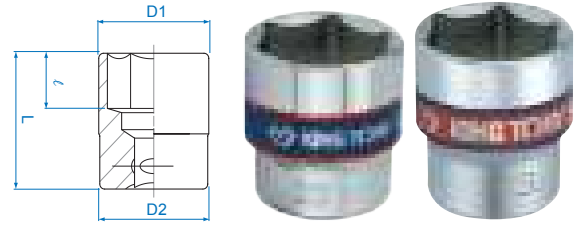
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	kg	box
333006M	6	9.9	17.8	7.0	27	24	12	360
333007M	7	10.8	17.8	7.0	27	24	12	360
333008M	8	12.0	17.8	7.0	27	25	12	360
333009M	9	13.2	17.8	7.0	27	25	12	360
333010M	10	14.5	17.8	9.0	27	26	12	360
333011M	11	15.8	17.8	9.0	27	27	12	360
333012M	12	16.8	17.8	9.0	27	27	12	360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

3335M

3335S

3/8"

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



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

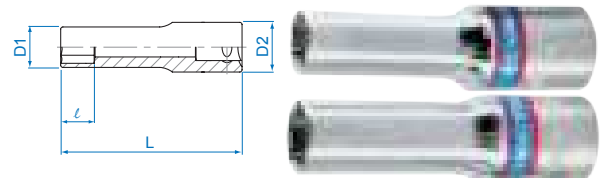
Thin Wall Deep Socket

3215M

3/8"

- Specifically for heat plug, glow plug

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



Thin walled design (D1)

Deep Socket

KT No. & D1

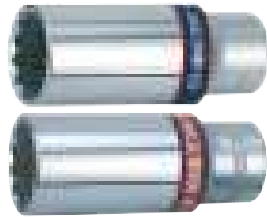
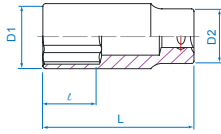


3230M

3230S

3/8"

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



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

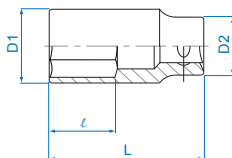
KT NO.	inch	D1 mm	D2 mm	l mm	L mm	g	kg
323008S	1/4	10.0	16.8	10.0	63	50	20 / 320
323010S	5/16	12.0	17.8	12.0	63	52	18 / 288
323012S	3/8	14.0	17.8	12.0	63	60	15 / 240
323014S	7/16	15.8	17.8	15.0	63	68	15 / 240
323016S	1/2	17.8	16.8	15.0	63	68	15 / 240
323018S	9/16	19.7	18.0	16.0	63	72	12 / 192
323020S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

3235M

3235S

3/8"

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



KT NO.	mm	D1 mm	D2 mm	l mm	L mm	g	kg
new 323506M	6	9.9	17.8	10.0	63	50	20 / 320
323507M	7	10.8	17.8	10.0	63	52	20 / 320
323508M	8	12.0	17.8	12.0	63	52	18 / 288
323509M	9	13.2	17.8	12.0	63	56	18 / 288
323510M	10	14.5	17.8	12.0	63	60	15 / 240
323511M	11	15.8	17.8	15.0	63	68	15 / 240
323512M	12	16.8	17.8	15.0	63	68	15 / 240
323513M	13	17.8	16.8	15.0	63	64	15 / 240

323514M	14	19.7	18.0	16.0	63	72	12 / 192
323515M	15	20.8	18.0	18.0	63	88	10 / 160
323516M	16	21.8	19.0	18.0	63	88	8 / 128
323517M	17	23.8	20.0	18.0	63	112	8 / 128
323518M	18	24.7	21.0	20.0	63	126	6 / 96
323519M	19	25.8	21.0	20.0	63	124	6 / 96
323521M	21	27.8	25.0	20.0	63	126	6 / 96
323522M	22	29.7	26.0	20.0	63	128	6 / 96
323524M	24	31.8	26.0	25.0	63	155	6 / 120

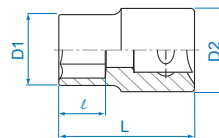
KT NO.	inch	D1 mm	D2 mm	l mm	L mm	g	kg
323508S	1/4	10.0	16.8	10.0	63	50	20 / 320
323510S	5/16	12.0	17.8	12.0	63	52	18 / 288
323512S	3/8	14.0	17.8	12.0	63	60	15 / 240
323514S	7/16	15.8	17.8	15.0	63	68	15 / 240
323516S	1/2	17.8	16.8	15.0	63	68	15 / 240
323518S	9/16	19.7	18.0	16.0	63	72	12 / 192
323520S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

Star Socket

3375M

3/8"

- DIN 3120

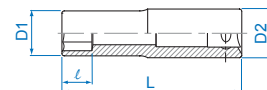


KT NO.	Size	D1 mm	D2 mm	l mm	L mm	g	kg
337504M	E4	6.0	16.8	3.6	28	18	12 / 360
337505M	E5	7.0	16.8	4.0	28	19	12 / 360
337506M	E6	8.0	16.8	5.0	28	20	12 / 360
337507M	E7	8.9	16.8	6.0	28	21	12 / 360
337508M	E8	10.0	16.8	6.5	28	21	12 / 360
337510M	E10	12.0	16.8	7.0	28	22	12 / 360
337511M	E11	12.8	16.8	8.0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





3275M

3/8"

- DIN 3120



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




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

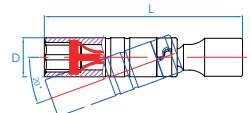
Metal Clip Universal Joint Spark Plug Socket

3650 new 3/8"

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





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

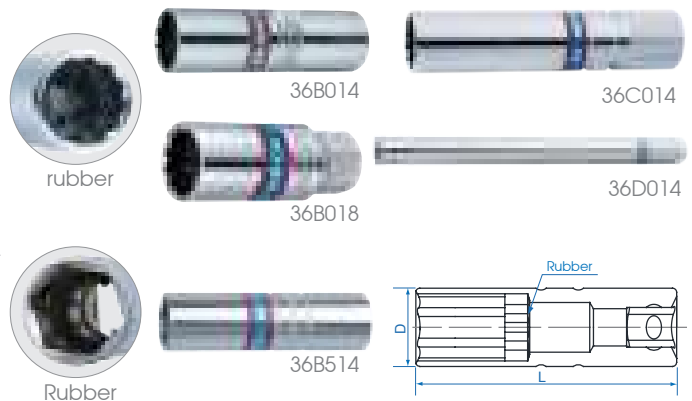


36B5 3/8"

36B0 36C0 36D0 3/8"

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

KT NO.	Type	Size mm	D mm	L mm		
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



Spark Plug Socket



KT No. & D1

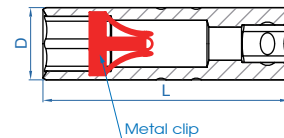
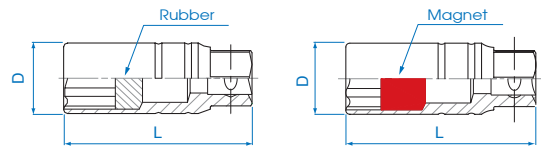
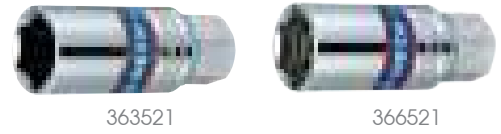
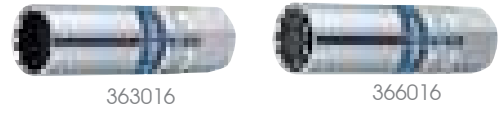


3630		3660		3635		3665		3/8"
3670		3675						3/8"

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



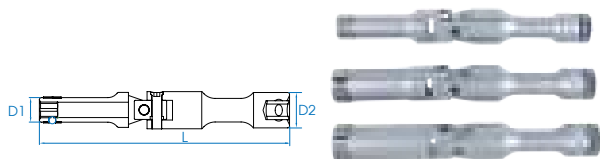
KT NO.	Type	Size Inch	mm	D mm	L mm		
363016	12 points Rubber	5/8	16.0	21	70	100	10 / 200
366016	12 points Magnet	5/8	16.0	21	70	105	10 / 200
363021	12 points Rubber	13/16	20.8	27.7	70	150	12 / 120
366021	12 points Magnet	13/16	20.8	27.7	70	155	12 / 120
363516	6 points Rubber	5/8	16.0	21	70	100	10 / 200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



Glow Plug Socket & Set

3785M

- 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.		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

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



6
PC.

Contents

1.23 1 / 10

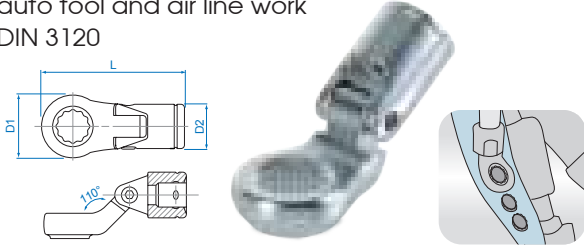
3785M 8, 9, 10, 12, 14, 16

Flexible Ring Socket Wrench & Set

3350M

3/8"

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



KT NO.	mm	D1 mm	D2 mm	L mm	kg	1/10
335008M	8	15.0	18.8	45.0	44	12 / 360
335009M	9	18.0	18.8	49.0	49	12 / 360
335010M	10	18.0	18.8	49.0	48	12 / 360
335011M	11	22.0	18.8	53.0	58	12 / 360
335012M	12	22.0	18.8	53.0	58	12 / 360
335013M	13	26.0	18.8	60.0	83	12 / 240
335014M	14	26.0	18.8	60.0	80	12 / 240
335015M	15	27.0	18.8	60.0	77	12 / 240
335016M	16	32.0	24.7	73.5	160	6 / 96
335017M	17	33.0	24.7	73.5	159	6 / 96
335018M	18	33.0	24.7	73.5	155	6 / 96
335019M	19	32.0	24.7	73.5	154	6 / 96

3602MR

3/8"

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

12 PC.



Contents

1.89 kg 1 / 10

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

Universal Socket

- Chrome vanadium alloy steel

3750M

- DIN 3120

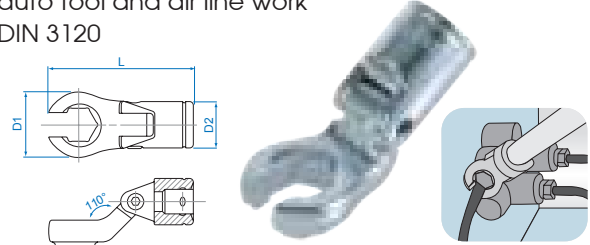
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	kg	1/10
375010M	10	14.5	18.8	9.0	48.0	59	15 / 240
375011M	11	15.8	18.8	10.0	48.0	57	15 / 240
375012M	12	17.0	18.8	10.0	48.0	56	15 / 240
375013M	13	18.3	18.8	11.0	48.0	56	15 / 240
375014M	14	19.8	18.8	11.0	49.5	58	12 / 192
375015M	15	21.6	18.8	13.0	49.5	64	10 / 160
375016M	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

Flexible Crowfoot Socket Wrench & Set

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	kg	1/10
335108M	8	15.0	18.8	45.0	44	12 / 360
335109M	9	18.0	18.8	49.0	47	12 / 360
335110M	10	18.0	18.8	49.0	47	12 / 360
335111M	11	22.0	18.8	53.0	56	12 / 360
335112M	12	22.0	18.8	53.0	55	12 / 360
335113M	13	26.0	18.8	60.0	77	12 / 240
335114M	14	26.0	18.8	60.0	75	12 / 240
335115M	15	27.0	18.8	60.0	75	12 / 240
335116M	16	32.0	24.7	73.5	152	6 / 96
335117M	17	33.0	24.7	73.5	149	6 / 96
335118M	18	33.0	24.7	73.5	155	6 / 96
335119M	19	33.3	24.7	73.5	152	6 / 96

3612MR

3/8"

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

12 PC.



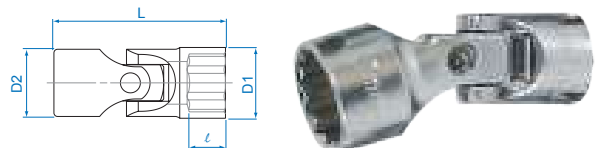
Contents

1.89 kg 1 / 10

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

3750S

3/8"



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	kg	1/10
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 **CAUTION**
- Bit made by silicon alloy steel (S2)
- Polished, chrome plated

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

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

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

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	20 / 400
302D60	IPR60	50	51	15 / 300

Ratchet

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

KT No. & D1



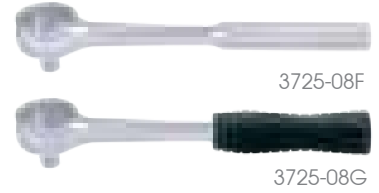
3725

FINE GEAR

3/8"

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

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



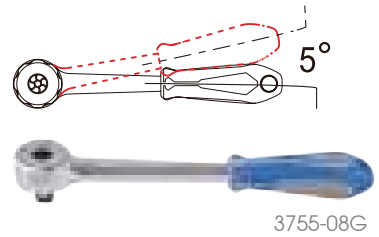
3755

FINE GEAR

3/8"

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

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



3756

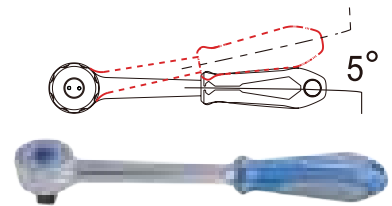
QUICK RELEASE

FINE GEAR

3/8"

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

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



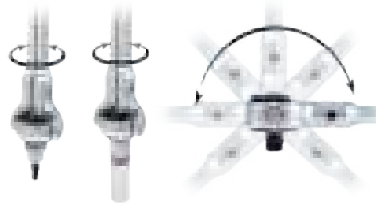
3752

QUICK RELEASE

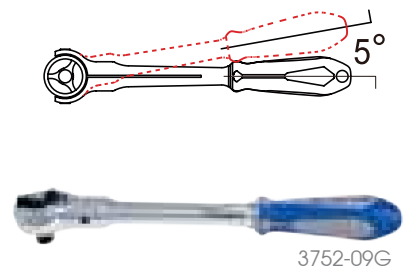
FINE GEAR

3/8"

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



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



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		
3760-45	4-3/8	110	120	6 / 108
3760DK	renewal kits		-	-



Ratchet

- Material
 - chrome vanadium alloy steel handle
 - chrome molybdenum steel (gear) driver


- Finishing
 - polished, chrome plated
 - black driver by phosphate sunk

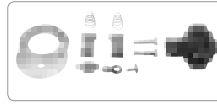
KT No. & D1 

3761

QUICK RELEASE 3/8"

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

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



3761DK



3761-08F





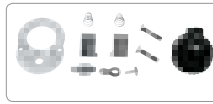
3761-08P

3769

3/8"

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

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



3769DK



3769-08F





3769-08P

3771

QUICK RELEASE 3/8"

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

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



3771DK



3771-08F

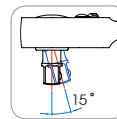




3771-08G

3774 new

3/8"

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



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



3774DK



3774-08F





3774-08G

3779

3/8"

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

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



3779DK



3779-08F



3779-08G

Ratchet

KT No. & D1



3781

QUICK RELEASE 3/8"

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

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



3781DK



3781-11F



3781-11P

Accessory

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

KT No. & D1



3221

3/8"

- Extension bar
- DIN 3123



KT NO.	Overall length			
	inch	mm		
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

3311

3/8"

- Flexible extension bar
- DIN 3120



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

3223

3/8"

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



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

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

3452

KT No. & D1



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



3452DK



3452-08F
3452-10F



3452-08G
3452-10G

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

3571

3/8"

- Sliding T-handle
- DIN 3122

KT No. & D1



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

Accessory

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

3792

3/8"

- Universal joint
- DIN 3123

KT No. & D1 



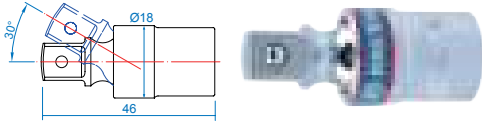
KT NO.	Overall length			
	inch	mm		
3792	2	50	67	15 / 300


3794

3/8"

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

KT No. & D1 



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

3812

3814

3/8"



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

KT No. & D1 

1/4" drive (M) 3/8" drive (F)
1/2" drive (M)



3812 / 3814



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

3148

3/8"

- Bit holder
- DIN 3120 / 3126



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

Socket Rail Set

3013MR

3013SR 3/8"



3513MR

13 PC.

- Socket rail 290mmL



KT NO. Contents  0.52  35

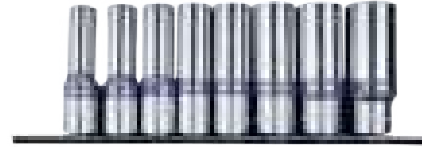
3013MR	 3330M	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	8731213
3013SR	 3330S	1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16	
3513MR	 3335M	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	

3508MR10


3/8"

- Socket rail 210mmL

8 PC.



Contents  0.65  24

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

3106PR


3/8"

- Socket rail 150mmL

6 PC.



Contents  0.28  40

 3375M	E8, E10, E12, E14, E16, E18
8730606	

3116PR


3/8"

- Socket rail 150mmL

6 PC.



Contents  0.39  50

 3275M	E4, E5, E8, E10, E12, E14
8730606	

3129PR


3/8"

- Socket rail 210mmL

9 PC.



Contents  0.27  40

 3375M	E4, E5, E6, E7, E8, E10, E12, E14, E16
8730809	

Socket Rail Set

Packing



3109PR8 / 3119PR8 / 3149PR8 / 3131PR8

3121PR 3/8"

- Socket rail 290mmL

11 PC.



Contents 0.32 35

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

8731213

3108PR8 3/8"

- Socket rail 210mmL
- For hex head screw
- H : 50mm

8 PC.



Contents 0.34 50

3025 H3, H4, H5, H6, H7, H8 H10, H12

8730808

3118PR 3/8"

- Socket rail 210mmL
- For torx head screw
- H : 50mm

8 PC.



Contents 0.34 50

3023 T15, T20, T25, T27, T30, T40, T45, T50

8730808

3109PR8 3/8"

- Socket rail 210mmL
- For torx head screw
- H : 50mm

9 PC.



Contents 0.36 50

3023 T10, T15, T20, T25, T27, T30, T40, T45, T50

8730809

3119PR8 3/8"

- Socket rail 210mmL
- For tamper resistant torx head screw
- H : 50mm

9 PC.



Contents 0.36 50

3027 T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

8730809

3131PR8 3/8"

- Socket rail 210mmL
- For tamper resistant torx head screw
- H : 50mm

11 PC.



Contents 0.4 48

3027 T8H, T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H

8730811

3146PR 3/8"

- Socket rail 150mmL
- For torx plus tamper resistant head screw
- H : 50mm

6 PC.



Contents 0.36 50

302D IPR10, IPR15, IPR20, IPR25, IPR27, IPR30

8730606

3149PR8 3/8"

- Socket rail 210mmL
- For torx plus tamper resistant head screw
- H : 50mm

9 PC.



Contents 0.36 50

302D IPR10, IPR15, IPR20, IPR25, IPR27, IPR30, IPR40, IPR45, IPR50

8730809

3105PR 3/8"

- 3/8" + 1/2" drive ribe bit socket set
- Socket rail 150mmL
- For ribe head screw
- H : 100mm

5 PC.



Contents 0.75 30

3039 M7, M8

4049 M10, M12, M13

8740606

Socket Rail

873 **3/8"**

- Rail length from 160 mm to 560 mm



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

Extension Bar Set

3113PR **3/8"**

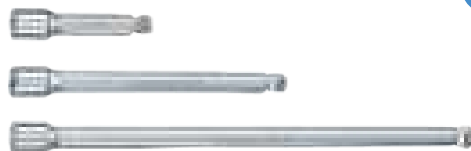
3
PC.



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

3103PR **3/8"**

3
PC.



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

Socket Set

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

3007MR01 **3/8"**

5
PC.



Contents	kg	PC
366516 3781-11F	0.98	20
366021 3221-06 3221-16		

Socket Set

3213MR **3/8"** new

13
PC.



Contents	kg	PC
3330M 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19	0.81	20
3755-08G 3221-06		

3508MR **3/8"**

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

8
PC.



Contents	kg	PC
3235M 10, 11, 12, 13, 14, 16, 17, 19	1.0	20

3508SR **3/8"**

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

8
PC.



Contents	kg	PC
3235S 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16	1.0	20

Socket Set

3020MR **3020SR** **3020MR02** **3/8"**

3020SR02 **3520MR** **3520MR02** **3/8"**

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

20
PC.



3020MR / 3520MR



3020MR02 / 3520MR02



3020SR



3020SR02

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

3023MR

3523MR **3/8"**

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

22
PC.

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



3023MR / 3523MR

3523MRV10 Tray category #10 (375 x 140mm) **3/8"**

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

23
PC.

Contents		Kg		Cubes	
3335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 23, 24	3792	2.43	1 / 10	
3771-08G	3571-08 3452-08G				
3293-03 3293-06					



Socket Set

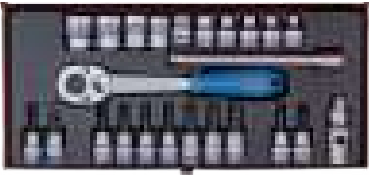

3024MR

3024SR

3524MR

3/8"

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

KT NO.	Contents		Kg 2.2	1 / 10
3024MR	3330M	6, 7, 8, 9, 10, 11, 13, 14, 17, 19	⊕ 3021 PH2, PH3	 3024MR/3524MR
3524MR	3335M		⊖ 3022 5,8	
3024SR	3330S	1/4, 5/16, 11/32, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	● 3025 H3, H4, H5, H6, H7, H8, H10	 3024SR
			3779-08G 3221-06	
			3792	

24 PC.



3027MR

3027SR

3527MR

3/8"

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

KT NO.	Contents		Kg 2.6	1 / 10
3027MR	3330M	7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	○ 3235M	 3027MR/3527MR
3527MR	3335M		8, 10, 11, 12, 13, 14, 16, 17, 19	
3027SR	3330S	1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16	3779-08G	 3027SR
	3235S	5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16	3221-03	
			3812	
			3792	

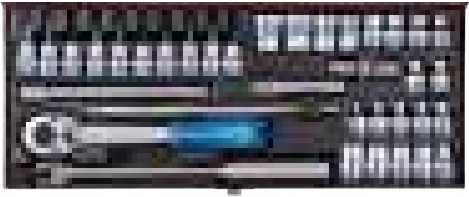
26 PC.

3034MR

3534MR

3/8"

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


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

36 PC.

3036CR

3/8"

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

Contents		Kg 3.27	1 / 6
3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 20, 21, 22		
3330S	1/4, 5/16, 11/32, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 13/16, 7/8		
3769-08F	3452-08F	3571-08	3221-03 3221-06
		3792	

36 PC.

Socket Set

3537MR

3/8"

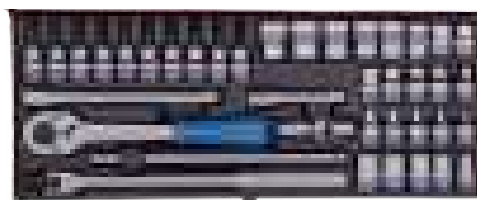
Metal case size (mm) :
372 x 153 x 40 (0.08 cuft)

39
PC.

Contents

3.17 1 / 6

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



3054MR

new

3/8"

Blow case size (mm) :
340 x 263 x 80 (0.25cuft)

54
PC.



Contents

3.85 1 / 3

		3330M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22
		3235M	8, 10, 12, 13, 14
		1025T	T10, T15, T20, T25, T30, T40, T45 T50
		3670	16, 21
		1145MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10
		14A1	PH2 x 100
		14A2	5.5 x 100
		1060	8, 10, 12, 13, 14, 17, 19
		3771-08G	3792
		3221-03	3221-06
		314808S	6111-06

3568MR

3/8"

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

268
PC.



Contents

Each Q'ty

		3335M	8,9,10,11,12,13	10
		3235M	14,15,16,17,18,19	8
			21,22,23,24	6
		3235M	7,8,9,10,11,12,13	10
			14,15,16,17,18,19	8
			21,22,24	6

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



Standard Socket



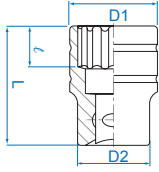
KT No. & D1

4330MR

4330SR

1/2"

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



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

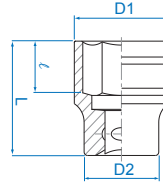
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	⚖	📦
433010SR	5/16	13.2	21.8	7.0	38	55	10 / 200
433012SR	3/8	15.0	21.8	7.0	38	59	10 / 200
433013SR	13/32	15.0	23.3	7.0	38	58	10 / 200
433014SR	7/16	16.4	23.3	8.0	38	60	10 / 200
433015SR	15/32	18.0	23.3	8.0	38	62	10 / 200
433016SR	1/2	19.0	23.3	10.0	38	62	10 / 200
433018SR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

4335MR

4335SR

1/2"

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



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

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

Socket Set

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

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



4072MR / 4572MR

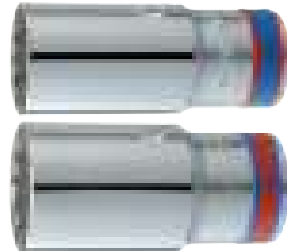
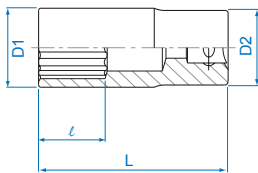
KT NO.		Contents	Each Q'ty	KT NO.	Spec.		Cuft
4072MR		4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18	8	4072MR -A 4572MR	87103	6.37
			19, 20, 21, 22, 23, 24, 25	7			
4572MR		4335MR	26, 27, 28, 29, 30,	6	4072MR -D 4572MR	172 PC. socket content	17.73
			32	5			
4072SR		4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16	8	4072SR -A 4572SR	87103	6.37
			3/4, 25/32, 13/16, 7/8, 15/16	7			
4572SR		4335SR	1, 1-1/16, 1-1/8, 1-3/16	6	4072SR -D 4572SR	136 PC. socket content	13.0
			1-1/4	5			

Deep Socket

KT No. & D1

4230M
4230S
1/2"

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



KT NO.		D1 mm	D2 mm	l mm	L mm		
423008M	8	13.2	22.0	16	77	107	6 / 120
423009M	9	14.0	22.0	16	77	112	6 / 120
423010M	10	15.2	23.7	24	77	116	6 / 120
423011M	11	16.3	23.7	24	77	119	6 / 120
423012M	12	17.7	23.7	24	77	123	6 / 120
423013M	13	18.7	23.7	24	77	125	6 / 120
423014M	14	20.2	23.7	35	77	138	6 / 120
423015M	15	21.3	23.7	35	77	138	6 / 120
423016M	16	22.6	23.7	35	77	147	6 / 96
423017M	17	23.7	23.2	35	77	151	6 / 96
423018M	18	25.5	23.2	35	77	182	6 / 96
423019M	19	25.7	23.2	35	77	176	6 / 96
423020M	20	27.7	24.0	35	77	201	6 / 96
423021M	21	27.7	25.0	35	77	220	6 / 96
423022M	22	29.8	26.0	35	77	205	6 / 96

KT NO.		D1 mm	D2 mm	l mm	L mm		
423023M	23	31.2	27.5	35	77	207	5 / 60
423024M	24	31.8	28.5	35	77	195	5 / 60
423025M	25	33.4	29.5	35	77	227	5 / 60
423026M	26	34.8	30.5	35	77	252	5 / 60
423027M	27	36.6	31.5	34	77	304	5 / 60
423028M	28	37.8	32.5	34	77	304	5 / 50
423029M	29	38.8	33.5	34	77	308	5 / 50
423030M	30	39.8	34.5	34	77	319	5 / 50
423032M	32	41.8	36.0	34	77	334	5 / 50
423033M	33	43.8	38.5	35	77	360	5 / 50
new 423034M	34	44.8	38.5	35	77	380	5 / 50
423036M	36	46.8	40.5	36	77	443	2 / 40

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

Deep Socket



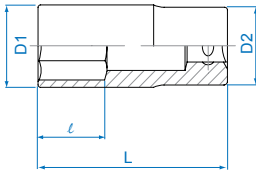
KT No. & D1

4235M

4235S

1/2"

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



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

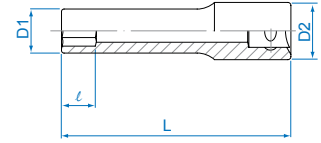
KT NO.	inch	D1 mm	D2 mm	l mm	L mm	g	kg
423510S	5/16	13.2	22.0	16	77	116	6 / 120
423512S	3/8	14.7	22.0	16	77	116	6 / 120
423514S	7/16	16.3	23.7	24	77	118	6 / 120
423516S	1/2	18.7	23.7	24	77	130	6 / 120
423518S	9/16	20.2	23.7	35	77	138	6 / 120
423520S	5/8	22.6	23.7	35	77	139	6 / 96
423522S	11/16	23.7	23.2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

4245M

EXTENDED LENGTH

1/2"

- DIN 3120



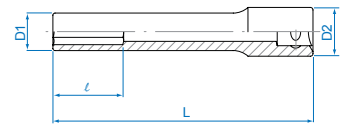
KT NO.	mm	D1 mm	D2 mm	l mm	L mm	g	kg
424508M	8	13.2	22.0	9.0	90	110	6 / 120
424509M	9	14.0	22.0	10.0	90	113	6 / 120
424510M	10	15.2	23.7	11.0	90	133	6 / 120
424512M	12	17.7	23.7	13.0	90	155	6 / 120
424513M	13	18.7	23.7	14.0	90	157	6 / 120
424514M	14	20.2	23.7	15.0	90	162	6 / 120

4255M

EXTENDED LENGTH

1/2"

- DIN 3120



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

Square Socket

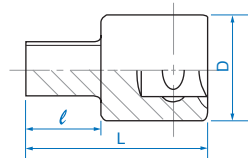


KT No. & D1

4014M

1/2"

- DIN 3120



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

Deep Socket

4066MR 165 PC.

4066SR 114 PC.




4566MR 165 PC.

1/2"

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



4066MR / 4566MR

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

Star Socket

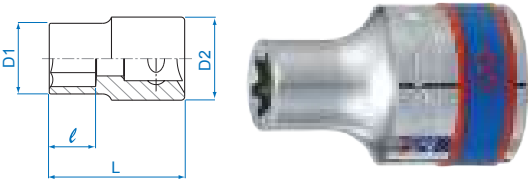
KT No. & D1



4375M

1/2"

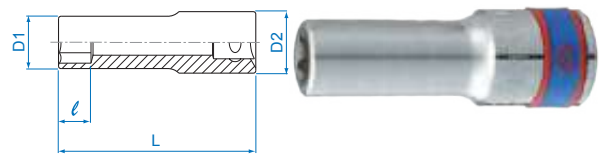
- For torx external screw
- Chrome vanadium steel
- Polished, chrome plated
- DIN 3120



4275M

1/2"

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



KT NO.	mm	D1 mm	D2 mm	l mm	L mm	KG	Box	Case
new 437508M	E08	11.4	23.8	7.0	37	60	10 / 200	
437510M	E10	13.2	23.8	7.5	37	60	10 / 200	
437512M	E12	15.0	23.8	9.0	37	62	10 / 200	
437514M	E14	16.4	23.8	10.0	37	64	10 / 200	
437516M	E16	18.8	23.8	11.0	37	68	10 / 200	
437518M	E18	20.5	23.8	12.5	39	72	10 / 200	
437520M	E20	22.8	23.8	14.0	39	74	10 / 200	
437522M	E22	24.6	23.8	16.0	39	75	10 / 200	
437524M	E24	26.5	23.8	16.0	39	83	10 / 160	

KT NO.	mm	D1 mm	D2 mm	l mm	L mm	KG	Box	Case
new 427508M	E08	11.4	23.8	7.0	77	109	6 / 120	
427510M	E10	13.2	23.8	7.5	77	109	6 / 120	
427512M	E12	15.0	23.8	9.0	77	119	6 / 120	
427514M	E14	16.4	23.8	10.0	77	125	6 / 120	
427516M	E16	18.8	23.8	11.0	77	138	6 / 120	
427518M	E18	20.5	23.8	12.5	77	149	6 / 120	
427520M	E20	22.8	23.8	14.0	77	167	6 / 120	
427522M	E22	24.6	23.8	16.0	77	172	6 / 96	
427524M	E24	26.5	23.8	16.0	77	191	6 / 96	

Spark Plug Socket



KT No. & D1

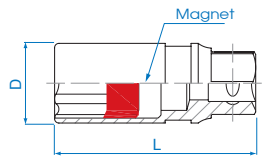
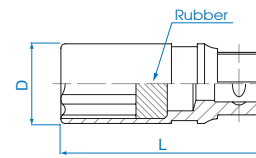
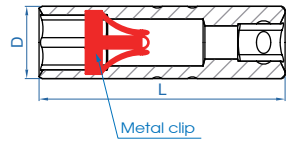
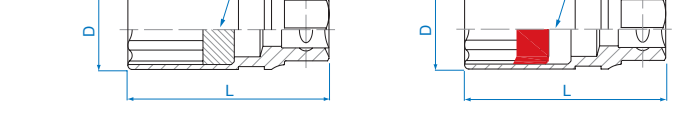
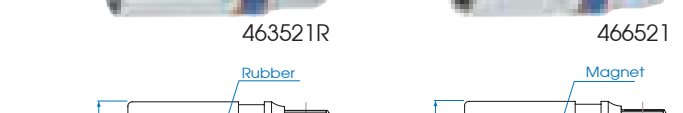
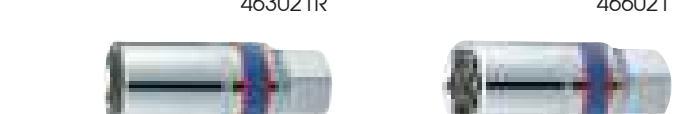
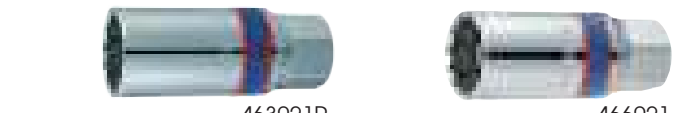
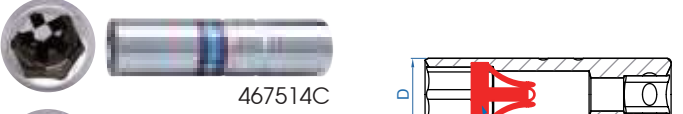
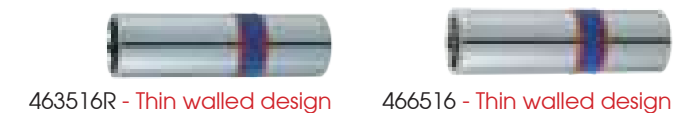
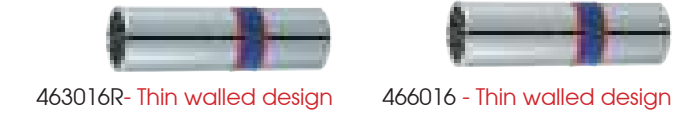
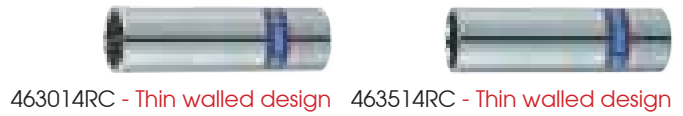
4630
4635
4660
4665 1/2"

4670
4675

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



Magnet



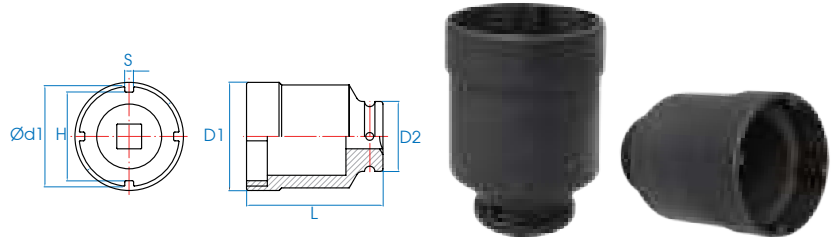
KT NO.	Type	Size		D mm	L mm	G	C	E
		Inch	mm					
463014RC	12 points Rubber	-	14.0	19.05	70	70	12 / 240	
463016R	12 points Rubber	5/8	16.0	20.75	70	110	10 / 200	
466016	12 points Magnet	5/8	16.0	20.75	70	115	10 / 200	
463514RC	6 points Rubber	-	14.0	19.05	70	70	12 / 240	
463516R	6 points Rubber	5/8	16.0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

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	C	E
44K928M	TMFS 3	28	24.4	3.8	36	30	30	90	382	1 / 24	
44K932M	TMFS 4	32	28.4	3.8	38	30	34	90	378	1 / 24	
44K938M	TMFS 5	38	34.4	4.8	46	30	40	90	559	1 / 24	

Bit Socket

4021



- Phillips head
- DIN ISO 8764-1



KT NO.	No.	Overall length mm		
402102	PH2	60	77	10 / 180
402103	PH3	60	77	10 / 180
402104	PH4	60	77	10 / 180

4022



- Slotted head
- DIN ISO 5264 / 3120



KT NO.	Tip width mm	Tip thickness mm	Overall length mm		
402208	8	1.2	60	77	10 / 180
402210	10	1.6	60	83	10 / 180
402212	12	2.0	60	110	10 / 180
402214	14	2.5	60	112	10 / 180
402216	16	2.5	60	113	10 / 180

4025



- Hexagon head
- DIN 7422



KT NO.	mm / Inch	Overall length mm		
402503	H3	60	68	10 / 180
402504	H4	60	68	10 / 180
402505	H5	60	70	10 / 180
402506	H6	60	72	10 / 180
402507	H7	60	75	10 / 180
402508	H8	60	75	10 / 180
402509	H9	60	79	10 / 180
402510	H10	60	85	10 / 180
402512	H12	60	117	10 / 180
402514	H14	60	120	10 / 180
402517	H17	66	153	10 / 100
402519	H19	66	225	10 / 120
402506S	3/16	60	66	10 / 180
402507S	7/32	60	68	10 / 180
402508S	1/4	60	69	10 / 180
402509S	9/32	60	70	10 / 180
402510S	5/16	60	74	10 / 180
402512S	3/8	60	83	10 / 180
402514S	7/16	60	100	10 / 180
402516S	1/2	60	110	10 / 180
402518S	9/16	66	157	12 / 120
402520S	5/8	66	162	12 / 120
402524S	3/4	66	225	10 / 120

4035



- Hexagon head
- DIN 7422



KT NO.	mm	Overall length mm		
403504	H4	80	90	6 / 120
403505	H5	80	90	6 / 120
403506	H6	80	90	6 / 120
403507	H7	80	90	6 / 120
403508	H8	80	93	6 / 120
403509	H9	80	97	6 / 120
403510	H10	80	107	6 / 120
403511	H11	80	140	6 / 120
403512	H12	80	145	6 / 120
403514	H14	80	145	6 / 120
403517	H17	80	200	6 / 120
403519	H19	80	245	6 / 96



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



KT No. & D1

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

40D5



- Hexagon head
- DIN 7422



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

40D0



- Hexagon with ball point head



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

4026

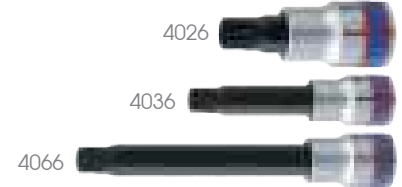
4036



4046

4066

- Spline head
- DIN 3120



KT NO.	Size	Overall length mm		
402605	M5	60	70	10 / 180
402606	M6	60	72	10 / 180
402608	M8	60	73	10 / 180
402610	M10	60	85	10 / 180
402612	M12	60	113	10 / 180
402614	M14	60	117	10 / 180
402616	M16	60	145	10 / 120
402618	M18	60	196	10 / 120
403605	M5	80	74	6 / 120
403606	M6	80	85	6 / 120
403608	M8	80	90	6 / 120
403610	M10	80	107	6 / 120
403612	M12	80	142	6 / 120
403614	M14	80	134	6 / 120
404605	M5	100	82	6 / 120
404607	M7	100	84	6 / 120
404608	M8	100	85	6 / 120
404610	M10	100	113	6 / 120
404612	M12	100	138	6 / 120
404614	M14	100	170	6 / 120
406608	M8	140	109	6 / 120
406609	M9	140	138	6 / 120
406610	M10	140	138	6 / 120
406612	M12	140	175	6 / 120
406614	M14	140	213	6 / 120
406616	M16	140	301	6 / 72



Bit Socket

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

404108 1/2"

- Spline head
- DIN 3120
- Use for Toyota Tercel cylinder head bolt



KT NO.	Size	Overall length mm		
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		
402A10	10	60	85	10 / 180

402B 1/2"

- Spline head
- Tamper resistant type
- For gearbox and sump plugs of Audi A4/A6/A3, Golf IV/LT of VW



KT NO.	Size	Overall length mm		
402B16	M16	66	150	10 / 120
402B18	M18	66	201	10 / 120

4023 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



CAUTION

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

KT No. & D1



4027 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		
4725-10FR	10	250	573	2 / 40
4725-10GR	10	250	617	1 / 20
4725-12FR	12	300	642	2 / 40
4725-12GR	12	300	762	1 / 20
4725-12BR	12	300	644	2 / 40
4725DKR01	renewal kits		-	-



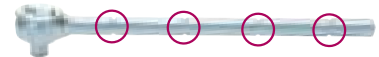
4725DKR01



4725-10FR
4725-12FR



4725-10GR
4725-12GR

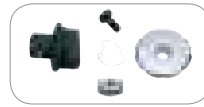


4725-12BR

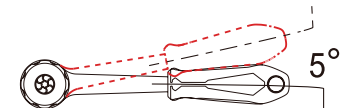
4755 FINE GEAR 1/2"

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

KT NO.	Overall length			
	inch	mm		
4755-10G	10	250	542	1 / 20
4755DK	renewal kits		-	-



4755DK



4755-10G

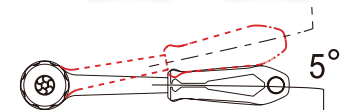
4756 QUICK RELEASE FINE GEAR 1/2"

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

KT NO.	Overall length			
	inch	mm		
4756-10G	10	250	572	1 / 20
4756DK	renewal kits		-	-



4756DK



4756-10G

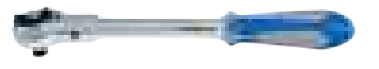
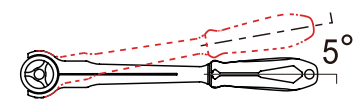
4752 QUICK RELEASE FINE GEAR 1/2"

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

KT NO.	Overall length			
	inch	mm		
4752-12G	12	300	635	1 / 20
4752DK	renewal kits		-	-



4752DK



Ratchet Set

9415GR 1/4" + 3/8" + 1/2"

Paper display stand size (mm):
405 x 310 x 80 (0.36 cuft)

Contents		5.9		1 / 2
	2752-06G x 5			
	3752-09G x 5			
	4752-12G x 5			



15 PC.

Ratchet

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



KT No. & D1

4760 FINE GEAR MINI RATCHET 1/2"

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

KT NO.	Overall length			
	inch	mm		
4760-05	4-3/4	120	222	5 / 90
4760-05G	5-1/2	140	210	4 / 72
4760DK	renewal kits		-	-



4760-05

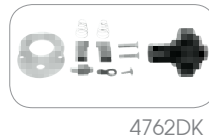


4760-05G

4762 QUICK RELEASE 1/2"

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

KT NO.	Overall length			
	inch	mm		
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		-	-



4762-10G / 4762-15G



4762-10F / 4762-15F



4762-10P / 4762-15P

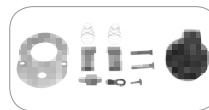
4767 1/2"

- Reversible ratchet (19 mm socket included)
- 11° gear action degree (32 teeth)
- Two teeth pawl action

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



19mm 12 point



4767DK

4768 1/2"

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

KT NO.	Overall length			
	inch	mm		
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		-	-



4768-10G / 4768-15G



4768-10F / 4768-15F



4768-10P / 4768-15P

4768DK

4771 QUICK RELEASE 1/2"

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

KT NO.	Overall length			
	inch	mm		
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

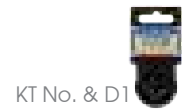


4771-10GR

4771DK

Ratchet

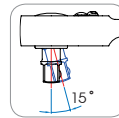
- Material
 - chrome vanadium alloy steel handle
 - chrome molybdenum steel (gear) driver
- Finishing
 - polished, chrome plated
 - black driver by phosphate sunk



KT No. & D1

4774 new 1/2"

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



4774-10F



4774-10G

KT NO.	Overall length			
	inch	mm		
4774-10F	10	250	650	1 / 20
4774-10G	10	250	597	1 / 20
4774DK01	renewal kits		-	-

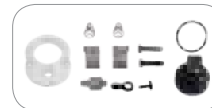


4774DK01

4779 1/2"

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

KT NO.	Overall length			
	inch	mm		
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

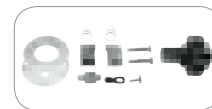


4779-10GR

4781 QUICK RELEASE 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		
4781-12F	12	300	792	1 / 20
4781-12P	12	300	758	1 / 20
4781DK	renewal kits		-	-



4781DK



4781-12F



4781-12P

4772 QUICK RELEASE 1/2"

- Design spec. similar to DIN 3122, ISO 3315
- Made from special-purpose drop-forged and hardened **aluminium**
- Finishing
 - anodic treatment
 - black driver by phosphate sunk
- The mechanism as in all 4771/9 ratchets is made from high-quality steel

-40% weight



KT NO.	Overall length			
	inch	mm		
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

Accessory

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

4121

1/2"

- Adjustable handle
- Push-Lock design

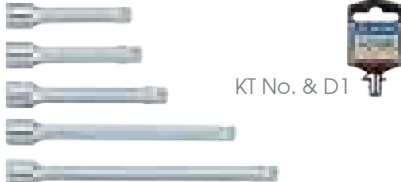


KT NO.	Overall length			
	inch	mm		
4121-11GR	11-1/2	295	544	1 / 20

4251

1/2"

- Extension bar
- DIN 3123



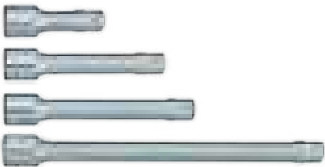
KT No. & D1

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

4104PR

1/2"

- Extension bar



4 PC.

Contents 0.84 1 / 25

4251	3"	5"	6"	10"

4221

1/2"

- Extension bar
- DIN 3123

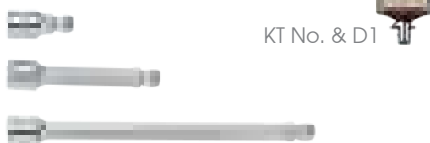


KT NO.	Overall length			
	inch	mm		
4221-18	18	450	550	1 / 20
4221-24	24	600	685	1 / 20
4221-30	30	750	860	1 / 20
4221-36	36	900	1030	1 / 20

4223

1/2"

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



KT No. & D1

KT NO.	Overall length			
	inch	mm		
4223-02R	2	55	94	12 / 216
4223-05R	5	125	198	4 / 80
4223-10R	10	250	357	4 / 64



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

4293

1/2"

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

KT No. & D1



KT NO.	Overall length			
	inch	mm		
4293-02	2	55	55	12 / 216
4293-05	5	125	200	4 / 80
4293-10	10	250	420	4 / 64

4311

1/2"

- Speed brace
- DIN 3122



4311-16F

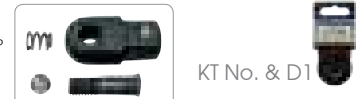
4311-16G

KT NO.	Overall length			
	inch	mm		
4311-16F	16-1/4	412	545	5 / 40
4311-16G	16-1/4	412	545	5 / 40

4452

1/2"

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



KT No. & D1

4452DK

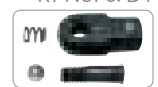
KT NO.	Overall length			
	inch	mm		
4452-15FR	15	375	720	2 / 24
4452-18FR	18	450	828	2 / 20
4452-24FR	24	600	1165	1 / 20
4452DK	renewal kits(for 15F/18F)		62	-
4452DK1	renewal kits(for 24F)		62	-

4453

1/2"

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

KT No. & D1



4452DK

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	-

Accessory

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

4462 1/2"

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



4462DK KT No. & D1

KT NO.	Overall length			
	inch	mm		
4462-18F	18	463	1046	1 / 20
4462-24F	24	613	1350	1 / 20
4462DK	renewal kits		-	-

4572 1/2"

- Sliding T-handle
- DIN 3122



4572DK KT No. & D1

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

4573 1/2"

- Sliding T-handle
- DIN 3120



4573DK KT No. & D1

KT NO.	Overall length			
	inch	mm		
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

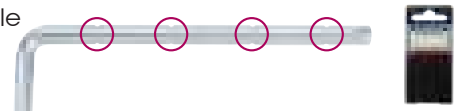


KT No. & D1

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

4791R 1/2"

- Univesal joint
- DIN 3120, ISO 3316



KT No. & D1

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

4794 1/2"

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



KT No. & D1

KT NO.	Overall length			
	inch	mm		
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

KT NO.	Spec.		
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		
414808S	1/4"	38	50	10 / 200
414810S	5/16"	38	60	10 / 200
414810M	10 mm	38	65	10 / 200

Socket Rail Set

4010MR

4010SR

4510MR

4510SR 1/2"

▪ Socket rail 230mmL

8
PC.



4010MR/4510MR



4010SR/4510SR

KT NO. Contents 0.64 40

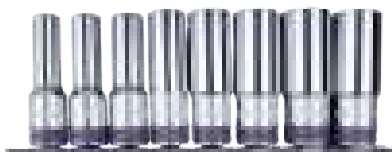
4010MR	4330MR	10, 12, 13, 14, 17, 19, 21, 22	8740908
4510MR	4335MR		
4010SR	4330SR	3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8	
4510SR	4335SR		

4208MR10

1/2"

▪ Socket rail 240mmL

8
PC.



Contents 1.22 14

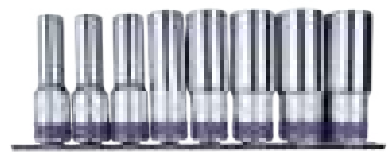
4230M 12, 13, 14, 17, 19, 21, 22, 23
8741108

4308MR10

1/2"

▪ Socket rail 240mmL

8
PC.



Contents 1.22 14

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

4106PR

1/2"

▪ Socket rail 230mmL

6
PC.



Contents 0.51 40

4375M E10, E12, E14, E16, E18, E20
8740906

4118MR

1/2"

▪ Socket rail 230mmL

8
PC.



Contents 0.57 40

4014M RB8, RB9.5, RB10, RB10.5, RB12, RB12.7, RB13.5, RB19
8740908

4311MR

1/2"

▪ Socket rail 230mmL

11
PC.



Contents 0.92 12

4335MR 10, 11, 13, 14, 15, 17, 18, 19
 4725-10GR 4572-10
 4251-05R 8740908

Bit Socket Rail Set

4110PR10

1/2"

▪ Socket rail 240mmL

▪ For hex head screw

▪ H : 60mm

9
PC.



Contents 0.77 14

4025 H3, H4, H5, H6, H7, H8, H10, H12, H14
8741009

4110SR10

1/2"

▪ Socket rail 240mmL

▪ For hex head screw

▪ H : 60mm

9
PC.



Contents 1.22 14

4025S 3/16, 7/32, 1/4, 9/32, 5/16, 3/8, 1/2, 9/16, 5/8
8741009

Bit Socket Rail Set

4120PR10 1/2"

- Socket rail 240mmL
- For hex head screw
- H : 80mm

9
PC.



Contents 1.0 14

	4035	H4, H5, H6, H7, H8, H10, H12, H14, H17
8741009		

4108PR10 1/2"

- Socket rail 240mmL
- For hex head screw
- H : 60mm

8
PC.



Contents 0.96 14

	4025	H6, H7, H8, H10, H12, H14, H17, H19
8741009		

4126PR 1/2"

- Socket rail 127mmL
- For spline head screw
- H : 60mm

4
PC.



Contents 0.38 50

	4026	M6, M8, M10, M12
8740504		

4105PR 1/2"

- Socket rail 150mmL
- For spline head screw
- H : 60 & 66 mm

5
PC.



Contents 0.57 50

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

4136PR 1/2"

- Socket rail 127mmL
- For spline head screw
- H : 80mm

4
PC.



Contents 0.46 30

	4036	M6, M8, M10, M12
8740504		

4109PR10 1/2"

- Socket rail 240mmL
- For torx head screw
- H : 60mm

9
PC.



Contents 0.74 14

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

4119PR10 1/2"

- Socket rail 240mmL
- For torx head screw
- H : 80mm

9
PC.



Contents 0.84 14

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

4116PR 1/2"

- Socket rail 180mmL
- For ribe head screw
- H : 100mm

6
PC.



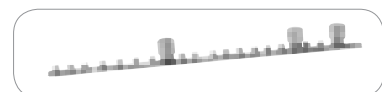
Contents 0.38 20

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

Bit Socket Rail Set

874 1/2"

- Rail length from 160 mm to 560 mm



- Customer Selected



KT NO. L (mm)

870406		160
870410		260
870422		560
8740		-



Socket & Wrench Set

4313MR01

new

1/2"



13
PC.

Contents

1.55 kg 10

○	4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
—	4771-10GR	4251-06R

4213MR

new

1/2"



11
PC.

Contents

1.39 kg 16

○	4330MR	10, 11, 12, 13, 14, 17, 19, 21, 22
—	4766-10G	4251-06R

Socket Set

4208MR

4208SR

4308MR

1/2"

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

8
PC.



4208MR / 4308MR



4208SR

KT NO. Contents 1.75 kg 1 / 12

4208MR	○	4230M	12, 13, 14, 17, 19, 21, 22, 23
4308MR	○	4235M	
4208SR	○	4230S	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16

Socket Set

4215MR

4315MR

1/2"

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

15
PC.



KT NO. Contents

3.80 kg 1 / 6

4215MR	○	4230M	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32
4315MR	○	4235M	

4216MR

4316MR

1/2"

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

16
PC.



KT NO. Contents

3.68 kg 1 / 6

4216MR	○	4230M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32
4316MR	○	4235M	

Bit Socket Set

4109PR

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



4109PR

4119PR

1/2"

9
PC.



4119PR

KT NO.	Contents	kg	1/8"	1/4"
4109PR	4023 T20, T25, T27, T30, T40, T45, T50, T55, T60	1.04	1 / 20	
4119PR	4033	1.13	1 / 20	

4501MR

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



15
PC.

Contents	kg	1/8"	1/4"
4335MR 8, 10, 11, 12, 13, 14, 17, 19, 21, 22, 24, 27	3.28	1 / 6	
4779-10FR			
4251-05R			
4452-15FR			

4110PR

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

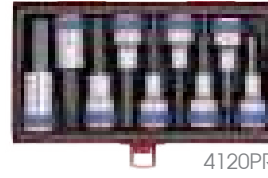


4110PR

4120PR

1/2"

9
PC.



4120PR

KT NO.	Contents	kg	1/8"	1/4"
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	

4511MR

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

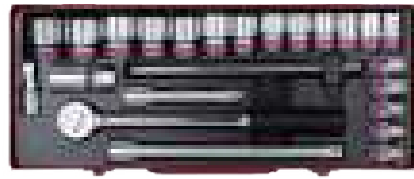


4511MR

4511SR

1/2"

24
PC.



4511SR

KT NO.	Contents	kg	1/8"	1/4"
4511MR	4335MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	5.5	1 / 4	
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			
	463521R			
	4725-12GR			
	4572-10			
	4251-05R			
	4251-10R			
	4223-02R			

4117PR

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

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

4012MR

4012SR

4512MR

4512SR

1/2"

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



4012MR / 4512MR



4012SR / 4512SR

14
PC.

KT NO.

Contents

3.50 1 / 6

4012MR	4330MR	10, 11, 12, 13, 14, 17, 19, 21, 22, 24	463021R	4768-10F
4512MR	4335MR		463521R	4572-12
4012SR	4330SR	3/8, 7/16, 15/32, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 15/16	463021R	4251-05R
4512SR	4335SR		463521R	

4016SR

4516MR

4516SR

1/2"

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



4516MR



4016SR / 4516SR

16
PC.

KT NO.

Contents

3.68 1 / 6

4016SR	4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1-1/16	463021R	4791R	4779-10FR
4516MR	4335MR	10, 11, 12, 13, 14, 17, 19, 21, 23, 24, 27	463521R	4251-05R	
4516SR	4335SR	3/8, 7/16, 15/32, 1/2, 9/16, 5/8, 3/4, 13/16, 15/16, 1, 1-1/16	463521R	4452-15FR	

4220MR

4320MR

1/2"

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

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



20
PC.

4325MR

1/2"

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

Contents

5.3 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	4791R
4311-16G	4572-10			

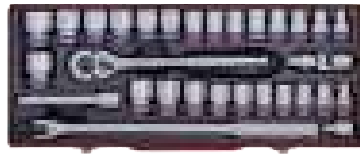


24
PC.

Socket Set

4030CR

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



4030CR

4030CR01

1/2"

30
PC.



4030CR01

KT NO.

Contents

1 / 4

4030CR	4330MR	10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 30, 32	4768-10P	4452-15FR	4791R	4.90
4030CR01	4330SR	7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	4779-10GR	4251-05R	4813	4.92

4024MR

4024SR

4524MR

4524SR

4033MR

4033SR

4533MR

4533SR

1/2"

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



4024SR / 4524SR



4024MR / 4524MR



4033SR / 4533SR



4033MR / 4533MR

24
PC.

KT NO.

Contents

5.7 1 / 4

4033SR	4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-3/16, 1-1/4	463021R	4779-10BR	4121-11GR
4533SR	4335SR		463521R		
4033MR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463021R	4223-02R	4573-10
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	4583-12R
4524SR	4335SR		463521R		
4024MR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463021R		
4524MR	4335MR		463521R		

4523MRV01

Tray category #8 (375 x 187mm)

1/2"

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

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



23
PC.

Socket Set

4526MR15

1/2"

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

24
PC.

Contents

5.05 1 / 4

	4335MR	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30, 32
	4779-10FR	4572-12
	4452-15FR	4791R
		4251-05R 4251-10R



4026MR

4026SR

4526MR

4526SR

4026MR03

4026SR03

4526MR03

4526SR03

4026MR04

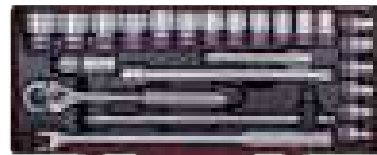
1/2"

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

24
PC.



4026MR / 4526MR



4026SR / 4526SR



4026SR03 / 4526SR03



4026MR03 / 4526MR03



4026MR04

KT NO.

Contents

5.95 1 / 4

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

Socket Set

4028MR

4028SR

4528MR

4528SR

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



4028MR / 4528MR



4028SR / 4528SR

24
PC.

KT NO.	Contents		5.3	1 / 4
4028MR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463021R	4791R
4528MR	4335MR		463521R	4779-10GR
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
4528SR	4335SR		463521R	4572-10

4032MR

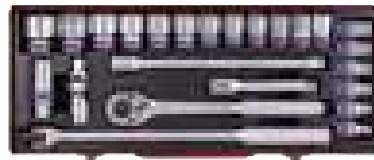
4032SR

4532MR

4532SR

1/2"

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



4032MR / 4532MR



4032SR / 4532SR

24
PC.

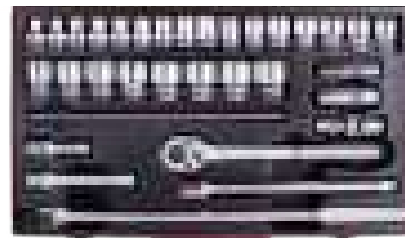
KT NO.	Contents		5.3	1 / 4
4032MR	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	463021R	4779-10FR
4532MR	4335MR		463521R	4251-05R 4251-10R
4032SR	4330SR	5/16, 3/8, 7/16, 15/32, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1-1/16, 1-3/16, 1-1/4	463021R	4452-15FR
4532SR	4335SR		463521R	4791R

4034MR

4534MR

1/2"

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



4034MR / 4534MR

33
PC.

KT NO.	Contents		7.6	1 / 2
4034MR	4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	463021R	463516R
4534MR	4335MR		463521R	4791R
			4452-18FR	4251-03R 4251-05R 4251-10R
				4572-12 4779-10FR

Socket Set

4535MR

1/2"

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

Contents

4.46 1 / 4

	4335MR	10, 11, 12, 13, 14, 15, 17, 19, 21, 22, 24, 27, 30, 32
	1836H	H5, H6, H7, H8, H10, H12
	1836T	T25, T27, T30, T40, T45, T50
	1836P	PH2, PH3
	463516R	
	463514RC	



35 PC.

Contents

4251-05R	4771-10GR	4794	414810S
4251-10R			

4042CR

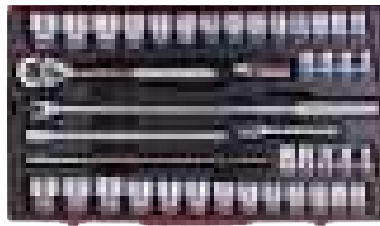
4042CR02

4542CR

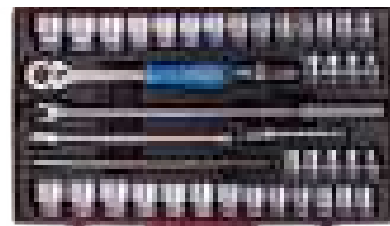
4542CR02

1/2"

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



4042CR / 4542CR



4042CR02 / 4542CR02

42 PC.

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		463021R		4768-10F		4452-18FR
		4330SR							
4542CR		4335MR	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		463521R		4779-10GR		4251-05R 4251-10R
		4335SR							
4042CR02		4330MR	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		4779-10GR		4791R		4572-12
		4330SR							
4542CR02		4335MR	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		4791R		4791R		4572-12
		4335SR							

4044CR

4544CR

1/2"

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

KT NO. Contents

8.5 1 / 2

4044CR		4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32		4779-10BR
		4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16, 1-1/4		4573-10
4544CR		4335MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32		4121-11GR
		4335SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16, 1-1/4		4583-12R
					4791R
					4223-02R



43 PC.

Socket Set

41026MR

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



41026MR

41526MR

1/2"

25
PC.



41526MR

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



Please wear proper safety gear while working.

4108FR

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



414810S



4112

4111FR

8
PC.



4108FR

4112FR

6
PC.



4111FR

1/2"

6
PC.



4112FR

KT NO.	Contents		1.04	1.00	1.00	1 / 24
4108FR	1836S 9, 11	1836P PH2, PH3	1880P PH2, PH3	4112		
4111FR	1880S 8, 10	1880P PH2, PH3		414810S		
4112FR	1836S 9, 11	1836P PH2, PH3				

4505MR

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



4505MR

4505SR

1/2"

10
PC.



4505SR

KT NO.	Contents		1.6	1 / 12
4505MR	4335MR	8, 10, 12, 14	1836S 9, 11	4112
4505SR	4335SR	5/16, 3/8, 1/2, 9/16	1836P PH2, PH3	414810S

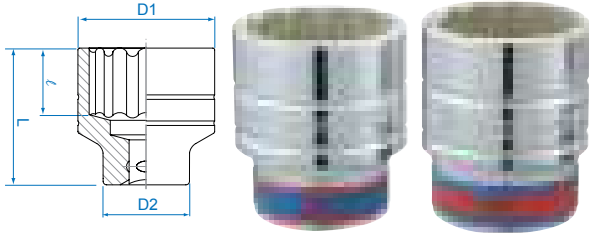
Standard Socket



KT No. & D1

6330M 6330S 3/4"

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



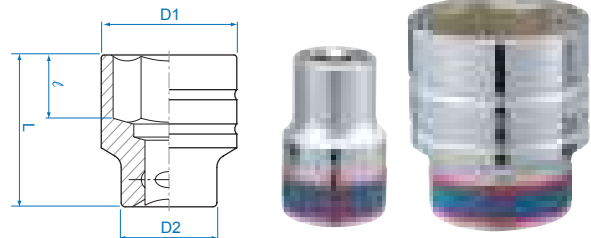
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	⚖️	📦
633017M	17	26.0	32.7	14	51	187	8 / 96
633019M	19	30.0	32.7	14	51	207	8 / 96
633021M	21	32.0	32.7	16	51	210	8 / 96
633022M	22	33.0	35.7	16	51	209	8 / 96
633023M	23	34.0	35.7	16	51	216	8 / 96
633024M	24	35.0	35.7	17	51	219	8 / 96
633026M	26	35.7	35.0	17	52	243	8 / 96
633027M	27	38.0	36.0	19	52	238	8 / 96
633028M	28	39.0	36.0	19	52	233	8 / 96
633029M	29	40.0	38.0	19	52	261	8 / 96
633030M	30	42.0	38.0	21	54	295	6 / 48
633032M	32	44.0	38.0	23	56	317	6 / 48
633033M	33	46.0	39.0	23	56	351	6 / 48
633034M	34	47.0	42.0	24	57	400	6 / 48
633035M	35	48.0	42.0	25	58	406	6 / 36
633036M	36	50.0	42.0	25	58	434	6 / 36
633038M	38	52.0	45.0	27	60	497	6 / 36
633041M	41	56.0	45.0	29	64	581	4 / 32
633042M	42	57.0	45.0	29	64	591	4 / 32
633046M	46	62.0	48.0	33	68	724	4 / 32
633048M	48	64.0	48.0	34	70	775	2 / 24
633050M	50	68.0	48.0	34	72	889	2 / 24
633054M	54	72.0	50.0	35	75	1070	1 / 20
633055M	55	74.0	50.0	37	76	1115	1 / 20
633058M	58	77.0	50.0	37	78	905	1 / 20
633060M	60	80.0	50.0	40	78	1250	1 / 20
633063M	63	83.0	55.0	40	81	1445	1 / 12
633065M	65	85.0	58.0	43	83	1565	1 / 12
633070M	70	92.0	58.0	46	88	1875	1 / 12

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	⚖️	📦
633022S	11/16	26	35.7	14	50.8	195	8 / 96
633024S	3/4	30	35.7	14	50.8	225	8 / 96
633026S	13/16	32	35.7	16	50.8	228	8 / 96
633028S	7/8	33	35.7	16	51.0	230	8 / 96
633030S	15/16	35	35.7	17	51.0	240	8 / 96
633032S	1	35	35.7	17	52.0	242	8 / 96
633034S	1-1/16	38	36.0	19	52.0	238	8 / 96
633036S	1-1/8	40	38.0	19	52.0	261	8 / 96
633038S	1-3/16	42	38.0	21	54.0	295	6 / 48
633040S	1-1/4	44	38.0	23	56.0	317	6 / 48
633042S	1-5/16	46	39.0	23	56.0	351	6 / 48
633044S	1-3/8	48	42.0	25	58.0	406	6 / 36
633046S	1-7/16	50	42.0	25	58.0	434	6 / 36
633048S	1-1/2	52	45.0	27	60.0	497	6 / 36
633050S	1-9/16	54	45.0	28	62.0	537	4 / 32
633052S	1-5/8	56	45.0	29	64.0	581	4 / 32
633054S	1-11/16	58	45.0	29	65.0	591	4 / 32
633056S	1-3/4	60	48.0	31	66.0	657	4 / 32

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	⚖️	📦
633058S	1-13/16	62	48.0	34	68.0	724	4 / 32
633060S	1-7/8	64	48.0	34	70.0	775	2 / 24
633062S	1-15/16	66	48.0	34	70.0	832	2 / 24
633064S	2	68	48.0	34	72.0	889	2 / 24
633066S	2-1/16	70	50.0	35	74.0	950	1 / 20
633068S	2-1/8	72	50.0	35	75.0	1020	1 / 20
633070S	2-3/16	74	50.0	37	76.0	1120	1 / 20
633072S	2-1/4	76	50.0	37	76.0	1120	1 / 20
633074S	2-5/16	78	50.0	37	78.0	1160	1 / 20
633076S	2-3/8	80	50.0	40	78.0	1240	1 / 20
633078S	2-7/16	82	55.0	40	81.0	1366	1 / 12
633080S	2-1/2	84	55.0	40	81.0	1460	1 / 12
633082S	2-9/16	85	58.0	43	83.0	1510	1 / 12
633084S	2-5/8	86	58.0	43	83.0	1510	1 / 12
633086S	2-11/16	90	58.0	43	85.0	1555	1 / 12
633088S	2-3/4	92	58.0	46	88.0	1865	1 / 12

6335M 3/4"

- DIN 3124, ISO 2725-1



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	⚖️	📦
633517M	17	26.0	32.7	14	51	187	8 / 96
633518M	18	28.0	32.7	14	51	196	8 / 96
633519M	19	30.0	32.7	14	51	207	8 / 96
633520M	20	31.0	32.7	16	51	209	8 / 96
633521M	21	32.0	32.7	16	51	210	8 / 96
633522M	22	33.0	35.7	16	51	209	8 / 96
633523M	23	34.0	35.7	16	51	216	8 / 96
633524M	24	35.0	35.7	17	51	219	8 / 96
633525M	25	35.0	35.7	17	52	240	8 / 96
633526M	26	35.7	35.0	17	52	243	8 / 96
633527M	27	38.0	36.0	19	52	238	8 / 96
633528M	28	39.0	36.0	19	52	233	8 / 96
633529M	29	40.0	38.0	19	52	261	8 / 96
633530M	30	42.0	38.0	21	54	295	6 / 48
633531M	31	43.0	38.0	23	55	305	6 / 48
633532M	32	44.0	38.0	23	56	317	6 / 48
633533M	33	46.0	39.0	23	56	351	6 / 48
633534M	34	47.0	42.0	24	57	400	6 / 48
633535M	35	48.0	42.0	25	58	406	6 / 36
633536M	36	50.0	42.0	25	58	434	6 / 36
633537M	37	51.0	45.0	25	59	485	6 / 36
633538M	38	52.0	45.0	27	60	497	6 / 36
633539M	39	53.0	45.0	28	61	520	4 / 32
633540M	40	54.0	45.0	28	62	540	4 / 32
633541M	41	56.0	45.0	29	64	581	4 / 32
633542M	42	57.0	45.0	29	64	591	4 / 32
633543M	43	58.0	45.0	29	65	620	4 / 32
633544M	44	60.0	48.0	31	66	695	4 / 32
633545M	45	61.0	48.0	33	67	715	4 / 32
633546M	46	62.0	48.0	33	68	724	4 / 32
633547M	47	63.0	48.0	33	69	755	4 / 32
633548M	48	64.0	48.0	34	70	775	2 / 24
633549M	49	66.0	48.0	34	70	810	2 / 24
633550M	50	68.0	48.0	34	72	889	2 / 24
633551M	51	69.0	50.0	35	73	895	1 / 20

KT NO.	Ø mm	D1 mm	D2 mm	ℓ mm	L mm	⚖	📦
633552M	52	69.0	50.0	35	73	905	1 / 20
633553M	53	70.0	50.0	35	74	975	1 / 20
633554M	54	72.0	50.0	35	75	1010	1 / 20
633555M	55	74.0	50.0	37	76	1095	1 / 20
633556M	56	75.0	50.0	37	76	1145	1 / 20
633557M	57	76.0	50.0	37	76	1195	1 / 20
633558M	58	77.0	50.0	37	78	1225	1 / 20
633559M	59	78.0	50.0	37	78	1250	1 / 20
633560M	60	80.0	50.0	40	78	1275	1 / 20
new 633562M	62	82.0	55.0	40	81	1340	1 / 12
new 633563M	63	83.0	55.0	40	81	1390	1 / 12
new 633564M	64	84.0	55.0	40	81	1380	1 / 12
633565M	65	85.0	58.0	43	83	1510	1 / 12
633570M	70	92.0	58.0	46	88	1805	1 / 12

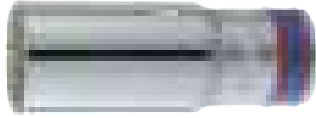
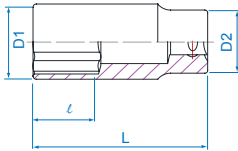
Deep Socket

KT No. & D1

6230M

3/4"

• DIN 3124, ISO 2725-1

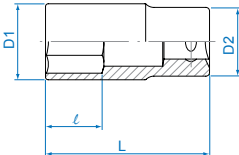


KT NO.	Ø mm	D1 mm	D2 mm	ℓ mm	L mm	⚖	📦
new 623017M	17	26.0	32.7	20	90	388	2 / 48
new 623018M	18	28.0	32.7	20	90	411	2 / 48
new 623019M	19	30.0	32.7	20	90	437	2 / 48
new 623020M	20	31.0	32.7	22	90	440	2 / 48
new 623021M	21	32.0	32.7	22	90	444	2 / 48
new 623022M	22	33.0	35.7	22	90	460	2 / 48
new 623023M	23	34.0	35.7	24	90	462	2 / 48
new 623024M	24	35.0	35.7	24	90	477	2 / 48
new 623025M	25	35.0	35.7	25	90	464	2 / 48
new 623026M	26	35.7	35.0	25	90	433	1 / 24
new 623027M	27	38.0	36.0	28	90	431	1 / 24
new 623028M	28	39.0	36.0	28	90	477	1 / 24
new 623029M	29	40.0	38.0	28	90	502	1 / 24
new 623030M	30	42.0	38.0	31	90	584	1 / 24
new 623031M	31	43.0	38.0	34	90	580	1 / 24
623032M	32	44.0	38.0	34	90	580	1 / 24
623033M	33	46.0	39.0	34	90	646	1 / 24
623036M	36	50.0	42.0	37	90	724	1 / 24
623039M	39	53.0	45.0	41	90	935	1 / 24
623041M	41	56.0	45.0	41	90	864	1 / 24
623046M	46	62.0	48.0	46	95	1093	1 / 10
623050M	50	68.0	48.0	50	95	1220	1 / 10

6235M

3/4"

• DIN 3124, ISO 2725-1



KT NO.	Ø mm	D1 mm	D2 mm	ℓ mm	L mm	⚖	📦
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

KT NO.	Ø mm	D1 mm	D2 mm	ℓ mm	L mm	⚖	📦
623523M	23	34.0	35.7	24	90	462	2 / 48
623524M	24	35.0	35.7	24	90	477	2 / 48
623525M	25	35.0	35.7	25	90	464	2 / 48
623526M	26	35.7	35.0	25	90	433	1 / 24
623527M	27	38.0	36.0	28	90	431	1 / 24
623528M	28	39.0	36.0	28	90	477	1 / 24
623529M	29	40.0	38.0	28	90	502	1 / 24
623530M	30	42.0	38.0	31	90	584	1 / 24
623531M	31	43.0	38.0	34	90	580	1 / 24
623532M	32	44.0	38.0	34	90	580	1 / 24
623533M	33	46.0	39.0	34	90	646	1 / 24
623534M	34	47.0	42.0	34	90	717	1 / 24
623535M	35	48.0	42.0	37	90	677	1 / 24
623536M	36	50.0	42.0	37	90	724	1 / 24
623537M	37	51.0	45.0	37	90	891	1 / 24
623538M	38	52.0	45.0	41	90	913	1 / 24
623539M	39	53.0	45.0	41	90	935	1 / 24
623540M	40	54.0	45.0	41	90	911	1 / 24
623541M	41	56.0	45.0	41	90	864	1 / 24
623542M	42	57.0	45.0	46	95	913	1 / 24
623543M	43	58.0	45.0	46	95	971	1 / 10
623544M	44	60.0	48.0	46	95	1066	1 / 10
623545M	45	61.0	48.0	46	95	1073	1 / 10
623546M	46	62.0	48.0	46	95	1093	1 / 10
623547M	47	63.0	48.0	46	95	1102	1 / 10
623548M	48	64.0	48.0	50	95	1093	1 / 10
623549M	49	66.0	48.0	50	95	1035	1 / 10
623550M	50	68.0	48.0	50	95	1220	1 / 10
623551M	51	69.0	50.0	50	95	1282	1 / 10
623552M	52	69.0	50.0	50	95	1244	1 / 10
623553M	53	70.0	50.0	50	95	1262	1 / 10
623554M	54	72.0	50.0	50	95	1342	1 / 10
623555M	55	74.0	50.0	50	95	1268	1 / 10
623556M	56	75.0	50.0	50	95	1440	1 / 10
623557M	57	76.0	50.0	52	100	1555	1 / 10
623558M	58	78.0	50.0	52	100	1540	1 / 10
623559M	59	78.0	50.0	52	100	1604	1 / 10
623560M	60	80.0	50.0	53	100	1662	1 / 10
623563M	63	83.0	55.0	53	100	1680	1 / 6
623565M	65	85.0	58.0	55	100	1735	1 / 6
623570M	70	92.0	58.0	55	100	1979	1 / 6

Bit Socket

KT No. & D1

6023

3/4"

- For torx internal screw
- DIN 3120
- E.g. on commercial vehicles and agricultural machinery
- Screw of the steering tie lever on commercial vehicles MAN
- 602380: for M series
- 6023A0: for F series



602360

6023A0

KT NO.	Size	L mm	⚖	📦
602360	T60	80	250	2/48
602370	T70	80	255	2/48
602380	T80	80	320	2/48
602390	T90	80	330	2/48
6023A0	T100	80	349	2/48

Axial Lock Nut Socket

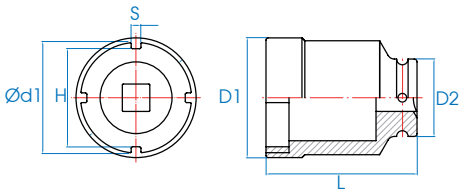
KT No. & D1



64K9M

3/4"

- Special for SKF bearing



KT NO.	Designation	mm	H mm	S mm	D1 mm	D2 mm	Ød1 mm	L mm	g	kg	1 / 6
64K975M	TMFS 11	75	69.4	6.8	83.5	54	77	1600	105	1	6

Bit Socket

KT No. & D1



6025

3/4"

- HEXAGON head
- DIN 7422



KT NO.	mm	L mm	g	kg	1 / 6
602514	H14	80	258	2	48
602517	H17	80	269	2	48
602519	H19	80	278	2	48
602522	H22	80	359	2	48

Ratchet & Accessory

6724

3/4"

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



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

6779

3/4"

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



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

6251

3/4"

- Extension bar
- DIN 3123



KT NO.	Overall length inch	mm	g	kg	1 / 6
6251-04	4	100	400	4	40
6251-08	8	200	732	2	20
6251-16	16	400	1362	1	10

6452

3/4"

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



KT NO.	Overall length inch	mm	g	kg	1 / 6
6452-18F	18	450	1717	1	10
6452-30F	30	750	2813	1	8
6452DK	renewal kits	-	-	-	-

6572

3/4"

- Sliding T-handle
- DIN 3122



KT NO.	Overall length inch	mm	g	kg	1 / 6
6572-20	20	500	1542	1	10
6572DK	renewal kits	-	-	-	-

6581

3/4"

- 90° L-handle



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

6585

3/4"

- Double driver L-handle 90°



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

6791

3/4"

- Universal joint
- DIN 3123, ISO 3316



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

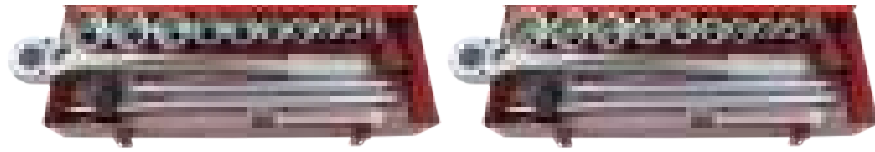
Socket Set

6014MR

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

6314MR

3/4"



14
PC.

6014MR

6314MR

KT NO.

Contents

Kg 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

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

6016SR

6316MR

3/4"



16
PC.

6316MR

6016MR/6016SR

KT NO.

Contents

Kg 14.0 1

6016MR	6330M	21, 22, 23, 24, 27, 30, 32, 36, 38, 41, 46, 50	6779-20F	6251-08 6251-16
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	6572-20	

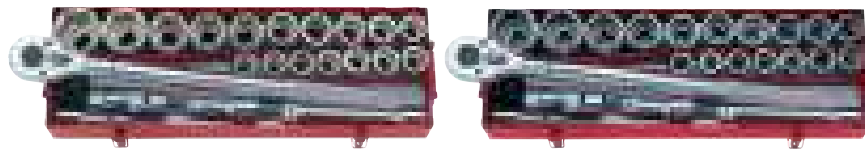
6023MR

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

6023SR

6323MR

3/4"



23
PC.

6323MR

6023MR/6023SR

KT NO.

Contents

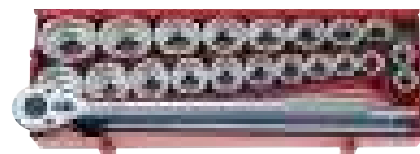
Kg 17.1 1

6023MR	6330M	21, 22, 23, 24, 26, 27, 28, 29, 30, 32, 34, 35, 36, 38, 41, 46, 50	6779-20F	6251-04 6251-08 6251-16
6323MR	6335M			
6023SR	6330S	7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-9/16, 1-5/8, 1-3/4, 1-13/16, 1-7/8, 2	6572-20	6791

6224CR

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

3/4"



24
PC.

KT NO.

Contents

Kg 17.9 1

6224CR	6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6779-20F	6251-08 6251-16	6572-20
	6330S	1, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-3/4, 2			

Socket Set

6226CR

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



26
PC.

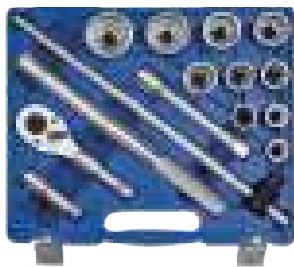
KT NO.	Contents		17.2 kg	1
6226CR	6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50	6251-04 6251-08	6572-20
	6330S	7/8, 15/16, 1, 1-1/8, 1-3/16, 1-5/16, 1-3/8, 1-7/16, 1-5/8, 1-3/4, 1-7/8, 2		6452-18F

6014MR12

3/4"

Blow case size(mm)
422 x 372 x 92 (0.51 cuft)

14
PC.



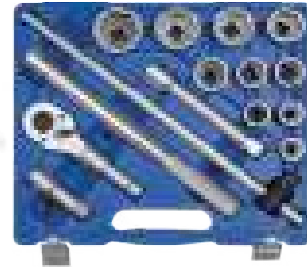
Contents		10.8 kg	1 / 2
6330M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50		
6251-04 6251-08	6779-20F		
6572-20			

6314MR12

3/4"

Blow case size(mm)
422 x 372 x 92 (0.51 cuft)

14
PC.



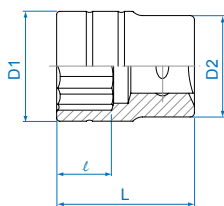
Contents		10.8 kg	1 / 2
6335M	22, 24, 27, 30, 32, 36, 38, 41, 46, 50		
6251-04 6251-08	6779-20F		
6572-20			

Standard Socket

8330M

1"

• DIN 3124, ISO 2725-1

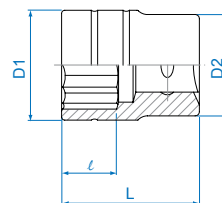


KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	kg	1 / 2
833036M	36	52	48	26	65	449	1 / 24
833038M	38	54	48	26	65	478	1 / 24
833041M	41	58	50	29	70	557	1 / 24
833046M	46	65	54	32	75	849	1 / 24
833050M	50	70	54	34	75	996	1 / 20
833054M	54	74	57	38	80	1145	1 / 20
833055M	55	76	57	42	83	1206	1 / 12
833058M	58	79	57	42	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	kg	1 / 2
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



8779DK



KT NO.	Overall length			
	inch	mm		
8779-32F	32	800	4400	5
8779DK	renewal kits		-	-

Accessory

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

8251 1"

- Extension bar
- DIN3123



KT NO.	Overall length			
	inch	mm		
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	mm		
8581-26	26	650	5120	4

8572 1"

- Sliding T-handle
- DIN 3122



8572DK



KT NO.	Overall length			
	inch	mm		
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.		
8816	1" F x 3/4" M	330	6 / 48

Socket Set

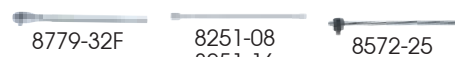
8015MR 8015SR 1"

Metal case size (mm) :
660 x 205 x 108 (0.52 cuft)

14 PC.



KT NO.	Contents			
8015MR		36, 41, 46, 50, 55, 60, 65, 70, 75, 80	34.1	1
8015SR		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 clip

12
PC.



Contents

0.76 kg 24

		3375M	E4, E5, E6, E8
		4375M	E10, E12, E14, E16, E18, E20
		3571-08	8771011
			3814

7113PR

3/8"+1/2"

- Socket rail 260mmL
- Rail with 6 PC. 3/8" drive & 6 PC. 1/2" drive clip

12
PC.



Contents

0.6 kg 32

		3375M	E4, E5, E6, E7, E8, E11
		4375M	E10, E12, E14, E16, E18, E20
			8771012

Socket Set

5022MR

5022SR

5522MR

1/4"+3/8"

Metal case size (mm) :
285 x 135 x 45 (0.059 cuft)



5022MR / 5522MR



5022SR

21
PC.

KT NO.

Contents

1.60 kg 1 / 10

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
5022SR		2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32		363021				2179DF		
		3330S	3/8, 7/16, 15/32, 1/2, 9/16, 11/16, 3/4								

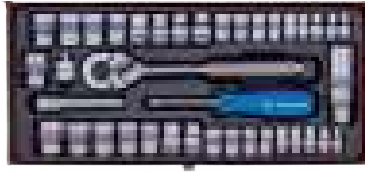
Socket Set

5039CR

1/4"+3/8"

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

39
PC.



Contents

2.60 / 1 / 10

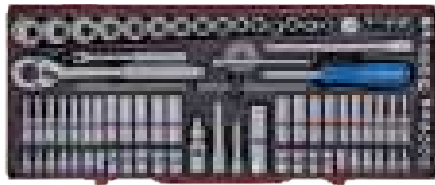
		2335M	4.5, 5, 6, 7, 8, 9, 10, 11, 12	
		2335S	3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	
		3330M	9, 10, 11, 12, 13, 14, 16, 17, 19	
		3330S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	
3769-08F	3221-03	2179DF	363021	3812

5092CR

1/4"+3/8"

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

91
PC.



Contents

4.4 / 1 / 4

		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
		2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	
		2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
		2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	
		3330M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	
		2015MX	H3, H4, H5, H6, H8, H10	
		2015SX	1/8, 3/16, 7/32, 1/4, 5/16, 3/8	
		2011X	PH1, PH2, PH3, PH4	
		1115-03	H1.5, H2, H2.5	
3769-08F	2571-45	2452-05F	2179DF	
363516	3792	3812	2221-02	3221-03
			2221-04	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 / 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	4251-05R	2179DF		
2221-04				

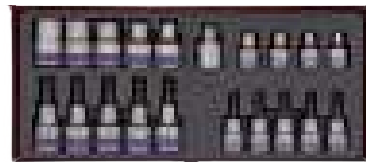
7120PR

7120PRO1

3/8"+1/2"

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

20
PC.



KT NO.

Contents

1.79 / 1 / 10

7120PR		4023	T30, T40, T45, T50, T55		3375M	E6, E7, E8, E10
					4375M	E12, E14, E16, E18, E20
7120PRO1		4027	T30H, T40H, T45H, T50H, T55H		3023	T10, T15, T20, T25, T27
					4813	

Socket Set

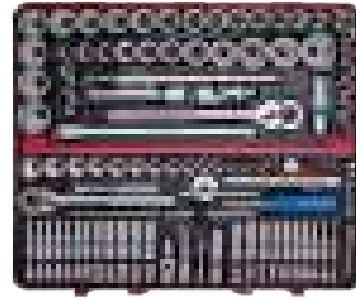
9033CR

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

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

135
PC.

Contents		Kg 12.3	1/2
○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
○	2335S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	
○	2235M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	
○	2235S	5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2	
○	3330M	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22	
○	4330MR	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 32	
○	4330SR	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-3/16, 1-1/4	
●	2015MX	H3, H4, H5, H6, H8, H10	
●	2015SX	1/8, 3/16, 7/32, 1/4, 5/16, 3/8	
⊕	2011X	PH1, PH2, PH3, PH4	
●	1115-03	H1.5, H2, H2.5	



Contents					
○	463516R	○	463021R	—	2179DF
—	3769-08F	—	4768-10F	—	2452-05F
—	2221-02	—	3221-03	—	2571-45
—	2221-04	—	3221-06	—	4572-10
—	4251-05R	—	4251-10R	—	3812
—	3812	—	3792	—	4791R
—	2561	○	3840	○	4840
cross bar. 4-1/2"L 3/8" drive spin disc. 1/2" drive spin disc.					

9063MR

9063MR01

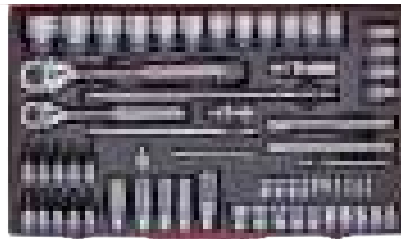
9563MR

9563MR01

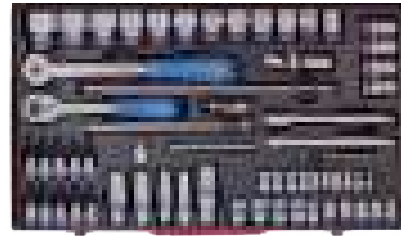
1/4"+3/8"+1/2"

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

62
PC.



9063MR/9563MR



9063MR01/9563MR01

KT NO.	Contents		Kg 7.4	1/2	
9063MR	○	4330MR	○	2335M	4, 4.5, 5, 6, 7, 8, 9, 10, 11, 12
	○	3330M		363021	4768-10F
9563MR	○	4335MR	○	363521	3769-08F
	○	3335M		3235M	12, 14, 17, 19
9063MR01	○	4330MR	○	363021	4755-10G
	○	3330M		3779-08G	
9563MR01	○	4335MR	○	363521	3235M
	○	3335M		10, 13, 17, 19	

3023	T20, T25, T27, T30, T40
3025	H4, H5, H6, H8, H10
2571-45	2221-04
3571-08	3221-06
4572-12	4251-06R
3792	4791R
3812	3812

Socket Set

7077MR

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

7577MR

1/4"+ 1/2"

77
PC.



KT NO.	Contents		kg 7.52	1/2	
7077MR	2330M 4, 5, 6, 7, 8, 9, 10, 11, 12	463016R 463021R	1.5, 2, 2.5 1115-03 PH1, PH2, PH3 1025P 3, 4, 5, 6 1025S H3, H4, H5, H6 1025H T10, T15, T20, T25, T27, T30, T40 1025T PH1 x 80, PH2 x 100, PH3 x 150 1421 4 x 100, 6.5 x 100 1422 8, 10, 12, 13, 14, 15, 17, 19 1060	2771-55G 4771-10GR 6111-07 6516-10 2178DF 7821-50 2571-45 2221-03 2312-06 4222-10 4251-05R 2792 4791R 3824 2141	1 / 2
	2230M 8, 10, 12, 13				
	4330MR 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32				
7577MR	2335M 4, 5, 6, 7, 8, 9, 10, 11, 12	463516R 463521R			
	2235M 8, 10, 12, 13				
	4335MR 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32				

Socket & Tool Set

7081MR

7581MR

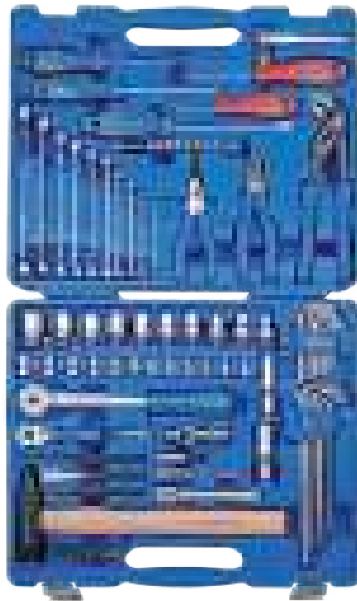
7081MR01

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

Kg 7.14 1/2

KT NO.	Contents		Contents		Kg 7.14 1/2			
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		
7081MR01	4330MR	10, 11, 12, 13, 14, 15, 17, 19, 22, 24	4755-10G	463021R	1422	4 x 100, 5.5 x 125, 6.5 x 150		
7581MR	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	4771-10GR	463516R	1025H	H3, H4, H5, H6, H7, H8		
7581MR01	4335MR	10, 11, 12, 13, 14, 15, 17, 19, 22, 24	4755-10G	463521R	1025T	T20, T25, T30, T40		
					1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10		
					1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H		
					1060	6, 7, 8, 10, 12, 13, 14, 15, 17, 19		
					276A-04G	6111-06	6311-06	6516-10
					76104-05	76215-05	76404-06	2221-04
					9DC22	79831	7821-50	4251-05R
					750-60	2792	4791R	

Socket & Tool Set

7082MR

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

7582MR

1/4"+1/2"

83
PC.



KT NO.	Contents		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
	4330MR	14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32	PH1, PH2 2031
	463016R 463021R		2032 4, 5.5, 6.5
7582MR	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	T8, T10, T15, T20, T25, T27, T30 2033
	4335MR	14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32	2035 H3, H4, H5, H6
	463516R 463521R		PZ1, PZ2 2038
			PH3, PH4 1836P
			1836S 8x1.2, 10x1.6, 12x2.0
			1836H H8, H10, H12, H14
			1836T T40, T45, T50, T55
			1836Z PZ3, PZ4
			2771-55G
			4771-10G
			2178DF
			2221-02
			2221-04
			2312-06
			2571-45
			4251-05R
			4222-10
			79831
			2792
			4791R
			7702-25
			3824
			414810S

Socket & Tool Set

7087MR

7587MR01

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

7587MR

7587SR

1/4"+1/2"












































87
PC.



7087MR / 7587MR

7587MR01

7587SR

KT NO.	Contents		Kg 9.2  1/2	
7087MR	<ul style="list-style-type: none">  5, 5.5, 6, 7, 8, 10, 11, 12, 13 2330M  7, 8, 10, 12, 13 2230M  10, 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32 4330MR  8, 10, 12, 13, 14, 15, 17, 18, 19, 22 1060 	<ul style="list-style-type: none">  20107MR01 	<ul style="list-style-type: none">  2312-06  463016R 	<ul style="list-style-type: none">  H5, H6, H7, H8, H10, H12 1636H  M6, M8, M10, M12 1636M  T30, T40, T45, T50, T55, T60 1636T
7587MR	<ul style="list-style-type: none">  5, 5.5, 6, 7, 8, 10, 11, 12, 13 2335M  7, 8, 10, 12, 13 2235M  10, 12, 13, 14, 15, 17, 18, 19, 21, 22, 24, 27, 30, 32 4335MR 		<ul style="list-style-type: none">  2312-06 	<ul style="list-style-type: none">  PH1 x 80, PH2 x 100 1421  4 x 100, 5.5 x 100 1422
7587MR01	<ul style="list-style-type: none">  8, 10, 12, 13, 14, 15, 17, 18, 19, 22 1060  463516R  20107MR01 		<ul style="list-style-type: none">  2221-06 	<ul style="list-style-type: none">  463014R  414810M  4791R  2792  4251-05R  2571-45  4453-15FR
7587SR	<ul style="list-style-type: none">  5/32, 3/16, 1/4, 9/32, 5/16, 11/32, 3/8, 7/16, 1/2 2335S  9/32, 5/16, 3/8, 7/16, 1/2 2235S  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 4335SR  1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8 5060 	<ul style="list-style-type: none">  20107SR 	<ul style="list-style-type: none">  2312-06  463516R 	<ul style="list-style-type: none">  2779-55G  4779-10GR  6111-06  6231-07  6516-10  20407PR  19980016  19980410

Socket & Tool Set

7096MR

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

7596MR

1/4"+1/2"

**96
PC.**



KT NO.	Contents		Kg 6.22	1 / 4
7096MR	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
	4230M	14, 15, 17, 19, 22	2033	T8, T10, T15, T20, T25, T27, T30
	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	2035	H3, H4, H5, H6
	4630R	16, 21	2038	PZ1, PZ2
7596MR	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1836P	PH3, PH4
	2235M	6, 7, 8, 9, 10, 11, 12, 13	1836S	8x1.2, 10x1.6, 12x2.0
	4235M	14, 15, 17, 19, 22	1836T	T40, T45, T50, T55
	4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	1836H	H7, H8, H10, H12, H14
	4635R	16, 21	1836Z	PZ3, PZ4
			1115-03	1.5, 2, 2.5
			2771-55G	
		2178DF		
		4771-10G		
		2571-45		
		4222-10		
		2221-02		
		2221-04		
		4251-05R		
		2792		
		4791R		
		2745		
		3824		
		7702-25		
		414810S		



Socket & Tool Set

7098MR

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

7598MR

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	4771-10BR	2771-55F
	2330M 7, 8, 10, 12, 13	1422 4 x 100, 6.5 x 38	2571-45	4573-10
	4330MR 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	1462 6.5 x 150	4121-11GR	6111-06
	463016R 463021R	1025S 4, 5.5, 7, 8	6516-10	2178DF
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	4583-12R	4251-10R
	2335M 7, 8, 10, 12, 13	1025U T8H, T10H, T15H, T20H, T25H, T27H, T30H, T40H	2221-02	2792
	4335MR 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	1025Z PZ1, PZ2, PZ3	4223-02R	4791R
	463516R 463521R	1060 6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19	2141	

Socket & Tool Set

7003MR

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

7503MR

1/4" + 1/2"

103
PC.



KT NO.	Contents		9.24	1/2
7003MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10	2375M E4, E5, E6, E7, E8, E10	4771-10GR	
	4330MR 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	4375M E11, E12, E14, E16, E18	2771-55G	
	463016R 463021R	1060 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	6111-07	
	1930 8 x 10, 11 x 13, 12 x 14, 17 x 19	2178DF		
	1025H H2, H2.5, H3, H4, H5, H6, H7, H8, H10	3611-08R		
7503MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10	1025M M4, M5, M6, M8, M10	2221-03	
	4335MR 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32	1025T T15, T20, T25, T27, T30, T40, T45, T50	2221-06	
	463516R 463521R	1421 PH1 x 80, PH2 x 100	2571-45	
		1422 5.5 x 125, 6.5 x 150	4572-10	
			2312-06	
			4251-05R	
		4251-10R		
		2792		
		4791R		
		4223-02R		
		2128-26		
		2141		

Socket & Tool Set

7010MR

7510MR

1/4"+1/2"

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

110
PC.



7010MR



7510MR



KT NO.

Contents

9.2 1/2

7010MR	8, 10, 12, 13 2230M	PH0, PH1, PH2, PH3 1025P	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10 1145MR
	5, 5.5, 6, 7, 8, 10, 12, 13, 14 2330M	H2.5, H3, H4, H5, H6 1025H	8, 10, 12, 13, 14, 15, 17, 18, 19 1060
	14, 17, 19, 22 4230M	3, 4, 5, 6.5 1025S	4771-10GR 276A-04G
	8, 10, 12, 13, 14, 15, 17, 18, 19, 22, 24, 27, 30 4330MR	T15, T20, T25, T27, T30 1025T	2178DF 6111-06 6211-06
	463014RC 463016R	PZ1, PZ2 1025Z	6516-10 79831
7510MR	8, 10, 12, 13 2235M	H5, H6, H7, H8, H10, H12 1636H	4452-15FR 2452-05F
	5, 5.5, 6, 7, 8, 10, 12, 13, 14 2335M	M6, M8, M10, M12 1636M	4251-05R 2221-04
	14, 17, 19, 22 4235M	T30, T40, T45, T50, T55, T60 1636T	9DC22 7821-50
	8, 10, 12, 13, 14, 15, 17, 18, 19, 22, 24, 27, 30 4335MR	No.1 x 80, No.2 x 100, No.2 x 38 1421	4791R 2792 414810M
	463514RC 463516R	5.5 x 100, 6.5 x 150, 6.5 x 38 1422	2141

Socket & Tool Set

7011MR

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
7011MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2375M E4, E5, E6, E7, E8	1115-03 1.5, 2, 2.5	
	2230M 6, 7, 8, 9, 10, 11, 12, 13	4375M E10, E11, E12, E14, E16, E18, E20, E24	2771-55G	
	4230M 14, 15, 17, 19, 22	2031 PH1, PH2	4771-10GR	
	4330MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	2032 4, 5.5, 6.5	2178DF	
	463016R 463021R	2033 T8, T10, T15, T20, T25, T27, T30	2221-02 2221-04	
7511MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2035 H3, H4, H5, H6	4222-10	
	2235M 6, 7, 8, 9, 10, 11, 12, 13	2038 PZ1, PZ2	4251-05R	
	4235M 14, 15, 17, 19, 22	1836P PH3, PH4	2571-45	
	4335MR 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	1836S 8x1.2, 10x1.6, 12x2.0	3824	
	463516R 463521R	1836T T40, T45, T50, T55, T60	414810S	
		1836H H7, H8, H10, H12, H14	2792 4791R	
		1836Z PZ3, PZ4	2745	
		7702-25		

Socket & Tool Set

7028MR

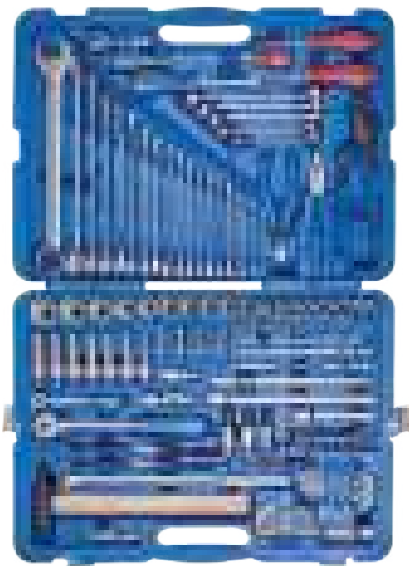
7528MR

7528MR01

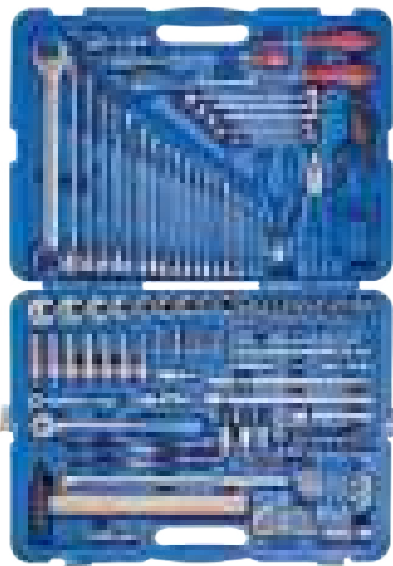
1/4"+1/2"

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

128
PC.



7028MR



7528MR



7528MR01

KT NO.	Contents		14.95	1 / 2
7028MR	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 2330M		6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32 1060	
	7, 8, 10, 12, 13 2230M		8 x 10, 9 x 11, 12 x 13, 14 x 17, 17 x 19 1930	
	10, 12, 13, 14, 15, 17, 19 4230M	2755-55G	1143 T10, T15, T20, T25, T27, T30, T40	
	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 4330MR	4755-10G	1145 H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	
	463016R 463021R		1421 PH1 x 80, PH2 x 38, PH2 x 100	
7528MR	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 2335M	2755-55G	1422 5 x 75, 6.5 x 38, 6.5 x 100	
	7, 8, 10, 12, 13 2235M	4755-10G	2033 T10, T15, T20, T25, T27	
	10, 12, 13, 14, 15, 17, 19 4235M		2035 H4, H5, H6, H7, H8, H10	2293-02 2293-06
	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32 4335MR	2771-55G	4025 H12, H14, H17	2221-03 2221-06
	463516R 463521R	4771-10G	7821-50	4251-05R 4251-10R
7528MR01			6111-07 6211-06	76215-05
			6511-10	76404-06
			4452-15FR	76505-05
			2571-45	76104-05
			4572-10	76303-05
			2792 4791R 4223-02R	2128-26

Socket & Tool Set

7053MR01

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

7553MR01

1/4"+1/2"

**153
PC.**



7053MR01



7553MR01

KT NO.	Contents		14.17 Kg	1/2
7053MR01	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	2375M	E4, E5, E6, E7, E8
	4330MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	4375M	E10, E12, E14, E16, E18, E20
	2230M	6, 7, 8, 9, 10, 11, 12, 13	1461	PH1 x 75, PH2 x 100
	4230M	13, 14, 17, 19, 22	1462	5.5 x 100, 6.5 x 150
7553MR01	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13	1421	PH2 x 38
	4335MR	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	1422	6.5 x 38
	2235M	6, 7, 8, 9, 10, 11, 12, 13	1025S	4, 5, 6.5
	4235M	13, 14, 17, 19, 22	1025P	PH0, PH1, PH2
			1025H	H3, H4, H5, H6
			1025Z	PZ1, PZ2, PZ3
			1025T	T10, T15, T20, T25, T27, T30, T40
			1636H	H5, H6, H7, H8, H10, H12
			1636M	M6, M8, M10, M12
			1636T	T30, T40, T45, T50, T55, T60
		1680H	H5, H6, H7, H8, H10, H12	
		1680M	M6, M8, M10, M12	
		1680T	T25, T30, T40, T45, T50, T55	
		463014RC		
		463016R		
		1060	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27	
		1930	8x10, 11x13, 12x14	
		4771-10GR		
		2771-55G		
		6511-10		
		6111-06		
		6211-06		
		2178DF		
		4462-18FR		
		2452-05F		
		2221-02		
		2221-06		
		4251-05R		
		4251-10R		
		2792		
		4791R		
		4223-02R		
		2142		
		414810M		



Socket & Wrench Set

9043MR

9543MR

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

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

143
PC.



9043MR



9543MR



KT NO.

Contents

13.7

1/2

KT NO.	Contents	13.7	1/2
9043MR	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10 2330M	E4, E5, E6, E7, E8 2375M	H1.5, H2.0, H2.5, H3.0, H4.0, H5.0, H6.0, H8.0, H10 1145MR 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 2141 4791R 7821-30 79093-03M 79831
	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 3330M	E10, E12, E14, E16, E20 4375M	
	8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32 4330MR	PH0, PH1, PH2, PH3 1025P	
	16, 21 4630	4, 5.5, 7 1025S	
9543MR	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10 2335M	T10, T15, T20, T25, T27, T30, T40 1025U	H2, H3, H4, H5, H6, H7, H8, H10 1025H PZ0, PZ1, PZ2, PZ3 1025Z PH2 x 38, PH1 x 80 1421 PH2 x 100 1461 6.5 x 38, 5.5 x 75 1422 6.5 x 150 1462 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24 1060 8 x 10, 10 x 12, 11 x 13, 12 x 14, 17 x 19 1930
	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 3330M	4, 5, 5.5, 6, 7, 8, 9, 10 2375M	
	8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32 4335M	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22 3330M	
	16, 21 4635	8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32 4330MR	

Socket & Wrench Set

9519MR50

new

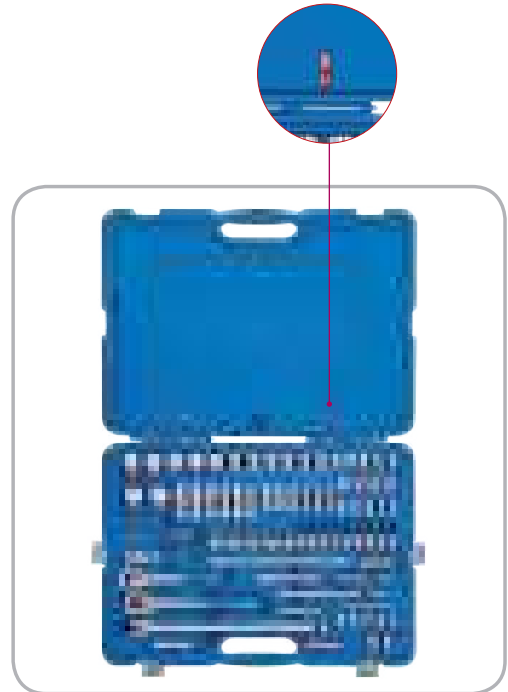
1/4"+3/8"+1/2"

Blow case size (mm) :
560 x 400 x 110 (2.2 cuft)

119
PC.



- Extra HDPE board to prevent product dropping



Contents

		2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13
		3335M	9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
		4335MR	20, 21, 22, 24, 27, 30, 32
		2235M	4, 4.5, 5, 5.5, 6, 7, 8
		3235M	10, 11, 12, 13, 14, 15
		3375M	E8, E10, E11, E12, E14, E16, E18
		2031	PH1, PH2, PH3
		2032	5.5, 6.5
		2035	H3, H4, H6, H8, H10
		3023	T10, T15, T20, T25, T27, T30, T40, T45, T50

Contents

12.48 1 / 2

		4535M	17, 19, 21
		4435M	10, 12, 13, 14, 17, 19
		1060	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
		36A014	366516
		2178DF	4453-15F
		2293-02	3293-03
		2293-04	3293-06
		4293-05	4293-10
		2792	3792
		4791R	
		6517-10	6111-06
		6211-06	6311-08
		2771-55G	3771-08G
		4771-10G	20219MR

Tools Bag Set

92543MR

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

92543MR01

1/4"

43
PC.





















92543MR



92543MR01

2.49 kg / 1 / 10

KT NO.	Contents	
92543MR	 79093-03C	 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 2335M
	 7976-65	 PH0 x 60, PH1 x 100, PH2 x 38, PH2 x 150 1421
	 2141	 3.0 x 75, 6.5 x 38, 6.5 x 150 1422
92543MR01	 79093-03M	 PZ1, PZ2, PZ3 1025Z
	 7971-07	 T10, T15, T20, T25, T27, T30, T40 1025T
	 2142	
		 6511-10
		 6111-07
		 2178DF
		 3611-08P
		 20317MR
		 8720813
		 2792

Notes



A series of horizontal dashed lines for writing notes, spanning the width of the page.

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



DIN 50%

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.



Standard Impact Socket & Rail Set

2535M

1/4"

• DIN 3129, ISO 2725-2

KT No. & D1



KT NO.	mm	D1 mm	D2 mm	l mm	L mm		
253504M	4	7.5	13	4	23	12	20 / 600
253545M	4.5	8.1	13	5	23	12	20 / 600
253505M	5	8.8	13	6	23	12	20 / 600
253555M	5.5	9.4	13	6	23	13	20 / 600
253506M	6	10.0	13	7	23	13	20 / 600
253507M	7	11.3	13	7	23	13	20 / 600
253508M	8	12.5	13	8	23	13	20 / 600
253509M	9	13.8	13	8	23	15	12 / 360
253510M	10	15.0	13	9	23	18	12 / 360
253511M	11	16.3	13	9	23	20	12 / 360
253512M	12	17.5	13	9	23	21	12 / 360
253513M	13	18.8	13	9	23	22	12 / 360
253514M	14	19.8	13	9	23	23	10 / 300

2413MP8

new

1/4"

• Socket rail 280mmL



13 PC.

Contents

0.25 50

2535M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14

8721116

Standard Impact Socket

KT No. & D1

3535M

3/8"

• DIN 3129, ISO 2725-2



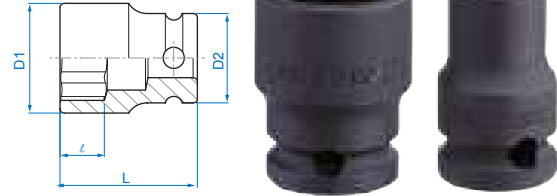
KT NO.	mm	D1 mm	D2 mm	l mm	L mm		
353506M	6	10.6	19	5	32	31	12 / 360
353507M	7	11.8	19	5	32	33	12 / 360
353508M	8	13.2	19	6	32	34	12 / 360
353509M	9	14.5	19	6	32	39	12 / 360
353510M	10	15.5	19	7	32	38	12 / 360
353511M	11	17.0	19	7	32	38	12 / 360
353512M	12	18.2	19	8	32	41	12 / 360
353513M	13	19.4	22	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

KT NO.	mm	D1 mm	D2 mm	l mm	L mm		
353515M	15	22.0	22	10	32	55	10 / 200
353516M	16	23.8	22	10	32	57	10 / 200
353517M	17	24.8	22	11	32	60	10 / 200
353518M	18	25.8	22	11	32	63	10 / 200
353519M	19	27.6	22	13	32	64	10 / 160

3535S

3/8"

• ANSI / ASME B107.2



KT NO.	inch	D1 mm	D2 mm	l mm	L mm		
353508S	1/4	10.8	19	5	32	31	12 / 360
353510S	5/16	13.0	19	6	32	34	12 / 360
353512S	3/8	15.3	19	7	32	38	12 / 360
353514S	7/16	17.0	19	7	32	38	12 / 360
353516S	1/2	18.2	19	9	32	53	12 / 360
353518S	9/16	20.7	22	9	32	53	10 / 200
353520S	5/8	23.8	22	10	32	57	10 / 200
353522S	11/16	24.5	22	11	32	60	10 / 200
353524S	3/4	27.0	22	11	32	64	10 / 160

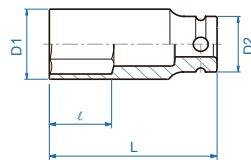
Deep Impact Socket

KT No. & D1

3435M

3/8"

• DIN 3121



KT NO.	mm	D1 mm	D2 mm	l mm	L mm		
343506M	6	10.6	19	10	65	62	6 / 120
343507M	7	11.8	19	10	65	66	6 / 120
343508M	8	13.2	19	12	65	71	6 / 120
343509M	9	14.5	19	12	65	76	6 / 120
343510M	10	15.5	19	12	65	82	6 / 120
343511M	11	17.0	19	13	65	84	6 / 120
343512M	12	18.2	19	14	65	93	6 / 120
343513M	13	19.4	22	14	65	113	6 / 120
343514M	14	20.7	22	14	65	114	6 / 120
343515M	15	22.0	22	16	65	125	6 / 120
343516M	16	23.8	22	16	65	126	6 / 96
343517M	17	24.8	22	17	65	138	6 / 96
343518M	18	25.8	22	18	65	144	6 / 96
343519M	19	27.6	22	20	65	154	6 / 96
343520M	20	28.3	22	20	65	148	6 / 96
343521M	21	29.5	22	22	65	156	6 / 96
343522M	22	30.8	22	22	65	172	5 / 60
343523M	23	32.0	22	24	65	177	5 / 60
343524M	24	32.5	22	24	65	180	5 / 60

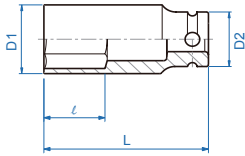
Deep Impact Socket

KT No. & D1

3435S

3/8"

- ANSI / ASME B107.2



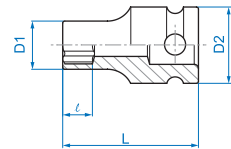
KT NO.	inch	D1 mm	D2 mm	l mm	L mm		
343508S	1/4	10.8	19	10	63.5	62	6 / 120
343510S	5/16	13.0	19	12	63.5	71	6 / 120
343512S	3/8	15.3	19	12	63.5	82	6 / 120
343514S	7/16	17.0	19	13	63.5	84	6 / 120
343516S	1/2	18.2	19	14	63.5	113	6 / 120
343518S	9/16	20.7	22	14	65	114	6 / 120
343520S	5/8	23.8	22	16	65	126	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

Impact Bit Socket



- Air pressure must not exceed 90PSI (6.3bar)
- 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 width 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

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



Impact Bit Socket

KT No. & D1



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

KT No. & D1



3862P

3/8"

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



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

3864P

3/8"

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



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

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

3260P

3/8"

- Extension bar & with ball
- DIN 3121

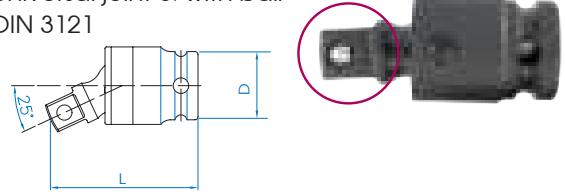


KT NO.	Overall length inch	mm		
3260-03P	3	75	96	6 / 120
3260-04P	4	100	98.6	8 / 160
3260-05P	5	125	145	8 / 144
3260-06P	6	150	168	5 / 100
3260-08P	8	200	216	6 / 72
3260-10P	10	250	230	6 / 54

3796P

3/8"

- Universal joint & with ball
- DIN 3121



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

90408

90409

3/8"

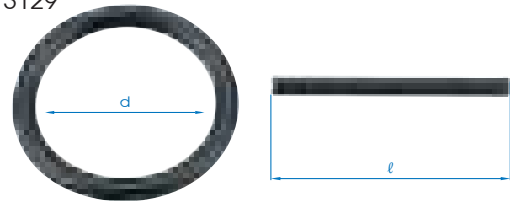
- Locking ring
- High tensile rubber material

90608

90609

3/8"

- Locking pin
- Chrome vanadium steel
- DIN 3129



90408
90409

90608
90609

KT NO. Desp. ϕ 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)
90608	pin	2.5	14	3055M (4~12 mm) 3055S (3/16~1/2 inch) 3065M (4~10 mm) 3053 (T10-T15) 3575M (E5-E14) 3053.3055.3065.3147.3862.3864
90409	ring	3.5	15	3535M (13~19 mm) 3535S (9/16~3/4 inch) 3435M (13~24 mm) 3435S (9/16~7/8 inch)
90609	pin	2.5	16	3260.3796

Impact Bit Socket Set

3406MP

3/8"

- For hexagon head screw
- 55mmL

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

6
PC.



Contents

0.72 1 / 20

3055M H4, H5, H6, H8, H10, H12

3410MP

3/8"

- For hexagon head screw
- 55mmL

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

10
PC.



Contents

1.05 1 / 20

3055M H4, H5, H6, H7, H8, H10, H12, H14, H16, H17

3419PP

3/8"

- For torx internal head
- 55mmL

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

9
PC.



Contents

0.62 1 / 20

3053 T10, T15, T20, T25, T27, T30, T40, T45, T50

Standard Impact Socket

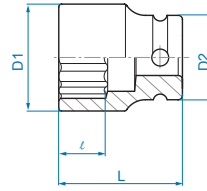
KT No. & D1



4530M

1/2"

- DIN 3129, ISO 2725-2

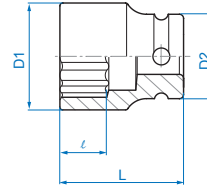


KT NO.	mm	D1 mm	D2 mm	l mm	L mm		
453008M	8	15.0	25	7	38	67	10 / 200
453009M	9	16.3	25	7	38	67	10 / 200
453010M	10	17.6	25	8	38	70	10 / 200
453011M	11	18.8	25	8	38	71	10 / 200
453012M	12	20.0	25	9	38	72	10 / 200
453013M	13	21.2	25	10	38	72	10 / 200
453014M	14	22.5	25	10	38	77	10 / 200
453015M	15	23.8	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		
453016S	1/2	20	25	10	38	71	10 / 200
453018S	9/16	22	25	10	38	77	10 / 200
453020S	5/8	24	25	11	38	111	10 / 200
453022S	11/16	26	30	12	38	116	10 / 160
453024S	3/4	28.8	30	13	38	119	10 / 160
453026S	13/16	30	30	14	40	125	8 / 160
453028S	7/8	32	30	14	40	141	8 / 160
453030S	15/16	34	30	15	42	152	6 / 120
453032S	1	36	30	15	42	168	6 / 120
453034S	1-1/16	38	30	16	44	176	6 / 120
453036S	1-1/8	41	30	17	44	194	6 / 120
453038S	1-3/16	42	30.5	17	44	209	6 / 120



Stubby Impact Socket

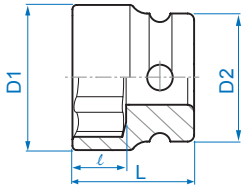


KT No. & D1

4525M

1/2"

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



19, 22, 24 mm

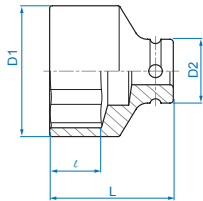
KT NO.	mm	D1 mm	D2 mm	l mm	L mm	kg	PC.
452513M	13	20	26	5.5	28.5	75	10 / 160
452514M	14	22	26	5.5	28.5	73	10 / 160
452517M	17	26	26	5.5	28.5	66	10 / 160
452519M	19	28	26	10	28.5	64	10 / 160
452521M	21	30	30	10	28.5	82	8 / 160
452522M	22	32	30	10	28.5	88	8 / 160
452524M	24	34	30	10	28.5	97	6 / 120

Standard Impact Socket

4535M

1/2"

- DIN 3129, ISO 2725-2



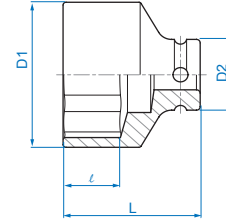
KT NO.	mm	D1 mm	D2 mm	l mm	L mm	kg	PC.
453508M	8	15.0	25	7	38	67	10 / 200
453509M	9	16.3	25	7	38	67	10 / 200
453510M	10	17.6	25	8	38	70	10 / 200
453511M	11	18.8	25	8	38	71	10 / 200
453512M	12	20.0	25	9	38	72	10 / 200
453513M	13	21.2	25	10	38	72	10 / 200
453514M	14	22.5	25	10	38	77	10 / 200
453515M	15	23.8	30	11	38	112	10 / 160
453516M	16	25.0	30	11	38	112	10 / 160
453517M	17	26.2	30	12	38	115	10 / 160
453518M	18	27.5	30	13	38	115	10 / 160
453519M	19	28.8	30	13	38	120	10 / 160
453520M	20	29.5	30	13	38	120	10 / 160
453521M	21	30.0	30	14	40	125	8 / 160
453522M	22	31.8	30	14	40	143	8 / 160
453523M	23	33.8	30	15	40	143	8 / 160
453524M	24	33.8	30	15	42	152	6 / 120
453525M	25	35.8	30	15	42	168	6 / 120
453526M	26	37.8	30	15	42	173	6 / 120
453527M	27	38.0	30	16	44	176	6 / 120
453528M	28	41.0	30	16	44	194	6 / 120
453529M	29	41.0	30	17	44	194	6 / 120
453530M	30	42.0	30.5	17	44	201	6 / 120
453532M	32	46.0	30	19	44	205	6 / 120
453533M	33	46.0	30	19	46	227	6 / 96
453534M	34	46.0	30	20	46	231	6 / 96
new 453535M	35	46.0	30	20	46	235	6 / 96
453536M	36	47.0	30	20	46	248	6 / 96
new 453537M	37	49.0	30	21	48	255	6 / 60

KT NO.	mm	D1 mm	D2 mm	l mm	L mm	kg	PC.
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	kg	PC.
453510S	5/16	15	25	7	38	67	10 / 200
453512S	3/8	17	25	7	38	70	10 / 200
453514S	7/16	18	25	8	38	71	10 / 200
453516S	1/2	20	25	10	38	72	10 / 200
453518S	9/16	22	25	10	38	77	10 / 200
453520S	5/8	24	25	11	38	112	10 / 160
453522S	11/16	26	30	12	38	115	10 / 160
453524S	3/4	28.8	30	13	38	120	10 / 160
453526S	13/16	30	30	14	40	125	8 / 160
453528S	7/8	32	30	14	40	143	8 / 160
453530S	15/16	34	30	15	42	152	6 / 120
453532S	1	36	30	15	42	168	6 / 120
453534S	1-1/16	38	30	16	44	176	6 / 120
453536S	1-1/8	41	30	17	44	194	6 / 120
453538S	1-3/16	42	30.5	17	44	201	6 / 120
453540S	1-1/4	46	30	18	44	205	6 / 120

Impact Socket Set

4472MP 158 PC.

4472SP 106 PC. 1/2"

- Standard impact socket

Stand size (mm) :
415 x 336 x 320



4472MP / 4472SP

KT NO.	Contents	Each Qty
4472MP	8, 9, 10, 11, 12, 13, 14	8
	15, 16, 17, 18, 19, 20, 21	6
	22, 23, 24	7
	25, 26, 27, 28	6
	29, 30, 32	5
4472SP	5/16, 3/8, 7/16, 1/2, 9/16	8
	5/8, 11/16, 3/4, 13/16	6
	7/8, 15/16,	7
	1, 1-1/16, 1-1/8	6
	1-3/16, 1-1/4	5

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

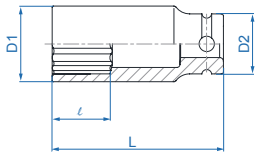
Deep Impact Socket

KT No. & D1

4430M

1/2"

• DIN 3121

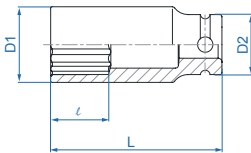


KT NO.	mm	D1 mm	D2 mm	l mm	L mm	g	kg
443008M	8	15.0	25	12	78	130	6 / 120
443009M	9	16.3	25	12	78	135	6 / 120
443010M	10	17.6	25	12	80	150	6 / 120
443011M	11	18.8	25	13	80	160	6 / 120
443012M	12	20.0	25	14	80	170	6 / 120
443013M	13	21.2	25	14	80	165	6 / 120
443014M	14	22.5	25	14	80	180	6 / 120
443015M	15	23.8	30	16	80	236	6 / 96
443016M	16	25.0	30	16	80	243	6 / 96
443017M	17	26.2	30	16	80	255	6 / 96
443018M	18	27.5	30	17	80	267	6 / 96
443019M	19	28.8	30	18	80	260	6 / 96
443020M	20	29.5	30	20	80	252	6 / 96
443021M	21	30.0	30	20	80	251	6 / 96
443022M	22	32.4	30	22	80	304	5 / 60
443023M	23	33.2	30	24	80	310	5 / 60
443024M	24	34.4	30	24	80	318	5 / 60
443027M	27	38.0	30	27	80	368	5 / 60
443030M	30	42.0	30.5	30	80	422	5 / 50
443032M	32	46.0	30	32	80	460	1 / 24
443036M	36	47.0	30	36	80	535	1 / 24

4430S

1/2"

• ANSI / ASME B107.2

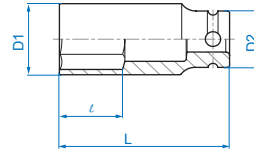


KT NO.	inch	D1 mm	D2 mm	l mm	L mm	g	kg
443020S	5/8	24	25	16	80	233	6 / 96
443024S	3/4	28.8	30	18	80	250	6 / 96
443028S	7/8	32	30	22	80	294	5 / 60
443030S	15/16	34	30	24	80	308	5 / 60
443032S	1	36	30	24	80	341	5 / 60
443034S	1-1/16	38	30	27	80	358	5 / 60
443036S	1-1/8	41	30	27	80	401	5 / 50
443040S	1-1/4	46	30	32	80	504	1 / 24
443042S	1-5/16	46	30	34	80	476	1 / 24
443048S	1-1/2	50	30	34	80	564	1 / 24

4435M

1/2"

• DIN 3121

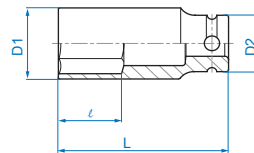


KT NO.	mm	D1 mm	D2 mm	l mm	L mm	g	kg
443508M	8	15.0	25	12	78	116	6 / 120
443509M	9	16.3	25	12	78	125	6 / 120
443510M	10	17.6	25	12	80	136	6 / 120
443511M	11	18.8	25	13	80	144	6 / 120
443512M	12	20.0	25	14	80	157	6 / 120
443513M	13	21.2	25	14	80	157	6 / 120
443514M	14	22.5	25	14	80	172	6 / 120
443515M	15	23.8	30	16	80	223	6 / 96
443516M	16	25.0	30	16	80	230	6 / 96
443517M	17	26.2	30	16	80	240	6 / 96
443518M	18	27.5	30	17	80	255	6 / 96
443519M	19	28.8	30	18	80	236	6 / 96
443520M	20	29.0	30	20	80	244	6 / 96
443521M	21	30.0	30	20	80	240	6 / 96
443522M	22	31.8	30	22	80	296	5 / 60
443523M	23	33.8	30	24	80	300	5 / 60
443524M	24	33.8	30	24	80	308	5 / 60
443525M	25	35.8	30	24	80	342	5 / 60
443526M	26	37.8	30	27	80	344	5 / 60
443527M	27	38.0	30	27	80	356	5 / 60
443528M	28	41.0	30	27	80	424	5 / 50
443529M	29	41.0	30	27	80	404	5 / 50
443530M	30	42.0	30.5	30	80	416	5 / 50
443532M	32	46.0	30	32	80	510	1 / 24
443533M	33	46.0	30	32	80	521	1 / 24
443534M	34	46.0	30	33	80	539	1 / 24
443536M	36	47.0	30	36	80	556	1 / 24
443538M	38	50.0	30	38	80	617	1 / 24
443541M	41	56.0	30	38	80	635	1 / 24
443546M	46	64.0	30	40	80	825	1 / 24

4435S

1/2"

• ANSI / ASME B107.2



KT NO.	inch	D1 mm	D2 mm	l mm	L mm	g	kg
443510S	5/16	14	25	12	78	123	6 / 120
443512S	3/8	17	25	12	80	148	6 / 120
443514S	7/16	18	25	13	80	148	6 / 120
443516S	1/2	20	25	14	80	159	6 / 120
443518S	9/16	22	25	14	80	170	6 / 120
443520S	5/8	24	25	16	80	232	6 / 96
443522S	11/16	26	30	17	80	235	6 / 96
443524S	3/4	28.8	30	18	80	251	6 / 96
443526S	13/16	30	30	20	80	243	6 / 96
443528S	7/8	32	30	22	80	292	5 / 60
443530S	15/16	34	30	24	80	308	5 / 60
443532S	1	36	30	24	80	336	5 / 60



KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm		
443534S	1-1/16	38	30	27	80	356	5 / 60
443536S	1-1/8	41	30	27	80	401	5 / 50
443538S	1-3/16	42	30.5	30	80	409	5 / 50
443540S	1-1/4	46	30	32	80	423	1 / 24
443542S	1-5/16	46	30	34	80	476	1 / 24

Impact Socket Set

4466MP 166 PC. | **4466SP** 110 PC. 1/2"

▪ Deep impact socket

Stand size (mm) :
415 x 336 x 320



4466MP / 4466SP

KT NO.	Contents	Each Qty
4466MP	8, 9, 10, 11, 12, 13, 14	8
	15, 16, 17, 18, 19, 20	7
	21, 22, 23, 24	7
	25, 26, 27, 28, 29	6
	30, 32	5
4466SP	5/16, 3/8, 7/16,	8
	1/2, 9/16	8
	5/8, 11/16, 3/4,	7
	13/16, 7/8, 15/16	7
	1, 1-1/16, 1-1/8	6
	1-3/16, 1-1/4	5

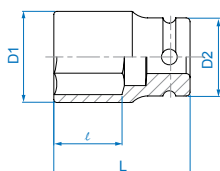
KT NO.	Spec.		Cuff
4466MP-A	87103	6.37	0.67
4466MP-DA	166 PC. socket content	22.06	0.38
4466MP-DB		24.10	0.45
4466SP-A	87103	6.37	0.67
4466SP-D	110 PC. socket content	28.0	0.47

Impact Thin Wall Socket

KT No. & D1

4835M 1/2"

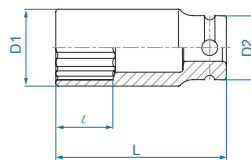
▪ DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
483510M	10	16	25	20	52	92	10 / 180
483511M	11	17	25	20	52	92	10 / 180
483512M	12	18	25	20	52	92	10 / 180
483513M	13	19	25	20	52	95	10 / 180
483514M	14	21	25	20	52	101	10 / 180
483516M	16	23	25	20	52	149	8 / 80
483517M	17	25	25	23	52	152	8 / 80
483519M	19	27	30	23	52	148	8 / 80
483521M	21	29	30	25	52	152	8 / 80
483522M	22	31	30	25	52	164	8 / 80
483523M	23	32	30	26	52	172	8 / 80
483524M	24	33	30	26	52	174	8 / 80
483526M	26	36	30	27	65	241	6 / 60
483527M	27	37	30	27	65	248	6 / 60
483530M	30	41	30.5	27	65	296	5 / 50
new 483535M	35	46	30	32	70	380	1 / 24

4930M 1/2"

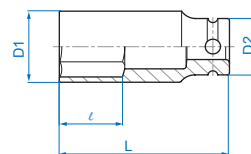
▪ DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
493008M	8	13.2	25	20	78	130	6 / 120
493009M	9	14.0	25	20	78	135	6 / 120
493010M	10	15.5	25	20	80	150	6 / 120
493011M	11	16.7	25	20	80	160	6 / 120
493012M	12	18.0	25	20	80	170	6 / 120
493013M	13	19.0	25	20	80	165	6 / 120
493014M	14	20.5	25	20	80	180	6 / 120
493015M	15	21.5	30	20	80	236	6 / 96
493016M	16	23.0	30	20	80	243	6 / 96
493017M	17	24.5	30	23	80	255	6 / 96
493018M	18	25.5	30	23	80	267	6 / 96
493019M	19	27.0	30	23	80	260	6 / 96
493020M	20	28.0	30	23	80	252	6 / 96
493021M	21	29.0	30	25	80	251	6 / 96
493022M	22	30.5	30	25	80	304	5 / 60
493023M	23	32.0	30	26	80	310	5 / 60
493024M	24	33.0	30	26	80	318	5 / 60
493027M	27	37.0	30	27	80	368	5 / 60
493030M	30	40.5	30	27	80	422	5 / 50
493032M	32	42.5	30	27	80	460	5 / 50
493036M	36	45.5	30	32	80	535	1 / 24

4935M 1/2"

▪ DIN 3121



KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm		
493510M	10	15.5	25	20	80	132	6 / 120
493511M	11	16.7	25	20	80	151	6 / 120
493512M	12	18.0	25	20	80	148	6 / 120
493513M	13	19.0	25	20	80	148	6 / 120
493514M	14	20.5	25	20	80	156	6 / 120

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	⚖️	📦
493516M	16	23.0	30	20	80	213	6 / 96
493517M	17	24.5	30	23	80	230	6 / 96
493519M	19	27.0	30	23	80	238	6 / 96
493521M	21	29.0	30	25	80	234	6 / 96
493522M	22	30.5	30	25	80	294	5 / 60
493523M	23	32.0	30	26	80	300	5 / 60
493524M	24	33.0	30	26	80	285	5 / 60
493526M	26	35.5	30	27	80	341	5 / 60
493527M	27	37.0	30	27	80	358	5 / 60
493530M	30	40.5	30	27	80	413	5 / 50

Wheel Nut Impact Socket



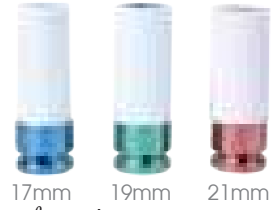
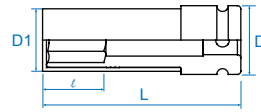
- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk
- Durable outer sleeve protects polished wheels and lug nut

KT No. & D1

4945MX

1/2"

- DIN 3121



17mm 19mm 21mm

KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	⚖️	📦
494517MX	17	27.3	30	26	85	214	5 / 60
494519MX	19	29.3	30	26	85	229	5 / 60
494521MX	21	30.9	30	26	85	237	5 / 60

Impact Thin Wall Socket

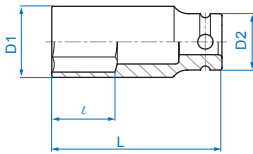


KT No. & D1

4935S

1/2"

- ANSI / ASME B107.2



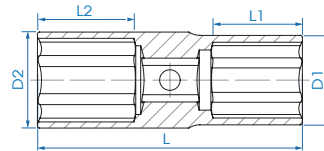
KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	⚖️	📦
493510S	5/16	13.0	25	20	80	129	6 / 120
493512S	3/8	16.0	25	20	80	145	6 / 120
493514S	7/16	16.7	25	20	80	148	6 / 120
493516S	1/2	19.0	25	20	80	159	6 / 120
493518S	9/16	20.5	25	20	80	165	6 / 120
493520S	5/8	23.0	25	20	80	170	6 / 96
493522S	11/16	24.5	30	23	80	235	6 / 96
493524S	3/4	27.0	30	23	80	255	6 / 96
493526S	13/16	29.0	30	25	80	292	6 / 96
493528S	7/8	30.5	30	25	80	308	5 / 60
493530S	15/16	33.0	30	26	80	336	5 / 60
493532S	1	34.0	30	26	80	356	5 / 60
493534S	1-1/16	37.0	30	27	80	405	5 / 60
493536S	1-1/8	39.0	30	27	80	414	5 / 50
493538S	1-3/16	40.5	30	27	80	417	5 / 50
493540S	1-1/4	42.5	30	27	80	422	5 / 50

Double - Ended Impact Socket

4915M

4915S

1/2"



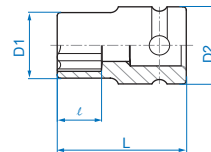
KT NO.	mm / inch	D1 mm	D2 mm	L mm	L1 mm	L2 mm	⚖️	📦
49151719M	17 x 19	26	28	77	22	26	210	6 / 96
49151921M	19 x 21	26	28	77	23	26	200	6 / 96
49152122M	21 x 22	30	32	77	20	26	310	5 / 60
49152123M	21 x 23	30	32	77	22	26	310	5 / 60
49152426S	3/4" x 13/16"	26	28	77	23	26	200	6 / 96

Impact Star Socket

4575M

1/2"

- For torx external screw
- DIN 3121



KT NO.	Size	D1 mm	D2 mm	ℓ mm	L mm	⚖️	📦
457510M	E10	14.0	25.0	7.5	38	67	10 / 200
457512M	E12	15.9	25.0	9.0	38	69	10 / 200
457514M	E14	17.7	25.0	10.0	38	71	10 / 200
457516M	E16	20.0	25.0	11.0	38	76	10 / 200
457518M	E18	22.0	25.0	12.5	38	79	10 / 200
457520M	E20	24.5	30.0	14.0	38	118	10 / 160

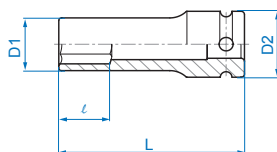
Extra Thin Wall Impact Socket

- Finishing - phosphate sunk
- For aluminum alloy wheel
- Material - chrome molybdenum alloy steel
- Super thin wall version has less strength than standard deep one

4415M

1/2"

- DIN 3121 Thin walled design (D1)



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

Impact Universal Joint Socket



KT No. & D1

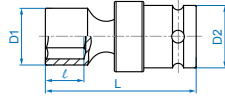
4B55M

- Special design for confined spaces
- DIN 3121



Standard Length

4B55S 1/2"



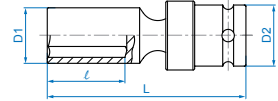
4A55M

- Special design for confined spaces
- DIN 3121



Deep Version

4A55S 1/2"



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

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



- Air pressure must not exceed 90PSI (6.3bar)
- Adjust your air tool to its lowest torque output, should this torque level not be enough, increase it gradually

4055S 1/2"

- Hexagon head
- ANSI / ASME B107.2



KT NO.	inch	L mm	Max. torq Nm	⚖️	📦
405506S	3/16	60	36.0	66	10 / 180
405508S	1/4	60	93.6	74	10 / 180
405510S	5/16	60	144.0	77	10 / 180
405512S	3/8	60	264.0	80	10 / 180
405514S	7/16	60	420.0	84	10 / 180
405516S	1/2	60	518.0	88	10 / 180

4055M 1/2"

- Hexagon head
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm	⚖️	📦
405504M	H4	60	20.8	72	10 / 180
405505M	H5	60	36.0	73	10 / 180
405506M	H6	60	62.4	74	10 / 180
405507M	H7	60	97.0	76	10 / 180
405508M	H8	60	144.0	78	10 / 180
405510M	H10	60	264.0	86	10 / 180
405512M	H12	60	480.0	99	10 / 180
405513M	H13	60	518.0	105	10 / 180
405514M	H14	60	650.0	110	10 / 180
405516M	H16	60	680.0	127	10 / 180
405517M	H17	60	715.0	180	10 / 80
405518M	H18	60	740.0	179	10 / 80
405519M	H19	60	786.0	199	10 / 80

Impact Bit Socket



1. Air pressure must not exceed 90PSI (6.3bar)
2. Adjust your air tool to its lowest torque output, should this torque level not be enough, increase it gradually

KT No. & D1

4056M

1/2"

- Spline head
- DIN 3121



KT NO.	Size	L mm	Max. torq Nm		
405608M	M 8	60	62.4	73	10 / 180
405610M	M10	60	144.0	81	10 / 180
405612M	M12	60	229.0	88	10 / 180

4053

4063

1/2"

- For torx internal screw
- DIN 3121



KT NO.	Size	L mm		
405320	T20	60	58.0	10 / 180
405325	T25	60	73.0	10 / 180
405327	T27	60	73.5	10 / 180
405330	T30	60	74.0	10 / 180
405340	T40	60	85.0	10 / 180
405345	T45	60	90.0	10 / 180
405350	T50	60	95.0	10 / 180
405355	T55	60	100.0	10 / 180
405360	T60	60	105.0	10 / 180
405370	T70	60	105.0	10 / 180
406325	T25	100	97.0	6 / 120
406327	T27	100	97.5	6 / 120
406330	T30	100	98.0	6 / 120
406340	T40	100	110.0	6 / 120
406345	T45	100	130.0	6 / 120
406350	T50	100	150.0	6 / 120
406355	T55	100	160.0	6 / 120
406360	T60	100	170.0	6 / 120

4015S

1/2"

- Hexagon head
- DIN 3121



KT NO.	inch	L mm	Max. torq Nm		
401508S	1/4	80	93.6	87	6 / 120
401510S	5/16	80	144.0	90	6 / 120
401512S	3/8	80	264.0	125	6 / 120
401516S	1/2	80	518.0	150	6 / 120

4015M

1/2"

- Hexagon head
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm		
401505M	H5	80	36.0	84	6 / 120
401506M	H6	80	62.4	86	6 / 120
401507M	H7	80	97.0	89	6 / 120
401508M	H8	80	144.0	96	6 / 120
401509M	H9	80	229.0	114	6 / 120
401510M	H10	80	264.0	136	6 / 120
401512M	H12	80	480.0	145	6 / 120
401513M	H13	80	518.0	155	6 / 120
401514M	H14	80	650.0	164	6 / 120
401517M	H17	80	715.0	248	6 / 96
401519M	H19	80	786.0	246	6 / 96

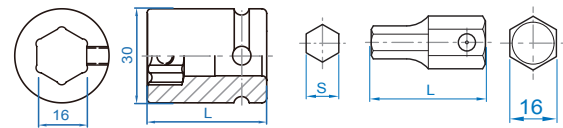
1740

1/2"

409616M

1/2"

- Hex bit & bit holder
- DIN 3121



KT NO.	S mm	L mm	Max. torq Nm		
174010H	H10	40	264.0	46	20 / 400
174012H	H12	40	480.0	52	20 / 400
174014H	H14	40	684.0	60	20 / 200
174017H	H17	40	680.0	73	20 / 200
174019H	H19	40	680.0	80	20 / 200
174022H	H22	40	680.0	97	12 / 120
409616M	16	38	680.0	145	10 / 160

4065M

1/2"

- Hexagon head
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm		
406504M	H4	100	20.8	96	6 / 120
406505M	H5	100	36.0	97	6 / 120
406506M	H6	100	62.4	98	6 / 120
406508M	H8	100	144.0	110	6 / 120
406510M	H10	100	264.0	150	6 / 120
406512M	H12	100	480.0	170	6 / 120
406514M	H14	100	650.0	190	6 / 120



Impact Bit Socket



1. Air pressure must not exceed 90PSI (6.3bar)
2. Adjust your air tool to its lowest torque output, should this torque level not be enough, increase it gradually

KT No. & D1

4075M

1/2"

- Hexagon head
- DIN 3121



KT NO.	mm	L mm	Max. torq Nm		
407505M	H5	150	36.0	115	6 / 120
407506M	H6	150	62.4	125	6 / 120
407508M	H8	150	144.0	145	6 / 120
407510M	H10	150	264.0	185	6 / 120
407512M	H12	150	480.0	225	6 / 120
407514M	H14	150	650.0	250	6 / 120

Impact Accessory

KT No. & D1

4147

1/2"

- Bit holder
- DIN 3121



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

414A08S

1/2"

- Quick-release
- Bit holder
- DIN 3121



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

Impact Accessory

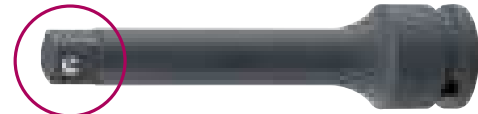
4260

4260P

- Extension bar & with ball
- DIN 3121



4260



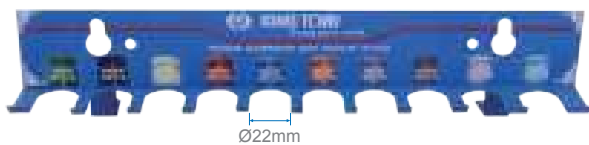
4260P

KT NO.	Overall length inch	Overall length 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	Overall length 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

9TE41

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




Ø22mm

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














Example

Impact Accessory & Set

KT No. & D1 

4269 1/2"

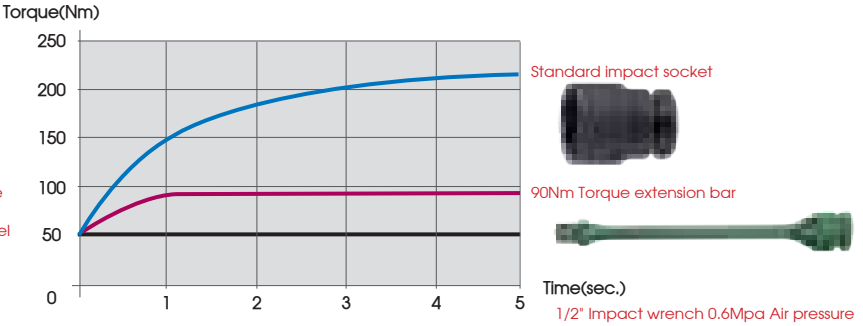
- Torque extension bar
- Color coded and engraved with Nm and ft.lb setting
- Helps to eliminate overtorqued lug nut

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













How to use torque extension bar

1. Use with 1/2"DR. impact wrench, don't use by hand.
2. Set air pressure 0.6 MPa(90 PSI) and adjust torque value between 190 Nm and 210 Nm.
3. Select suitable torque extension bar according to wheel nut size and indicated tightening torque.
4. Attach the torque extension bar with socket to impact wrench and apply load.
5. Check the actual tightening torque value by torque wrench.
6. Adjust air pressure or torque value according to the result of above.
7. Tight other wheel nuts in diagonal order.



4481PP1 1/2"

- Torque extension bar set

Contents	 2.58	 1 / 6
 4269-08-90	90 Nm	
 4269-08-A0	100 Nm	
 4269-08-B0	110 Nm	
 4269-08-C0	120 Nm	
 4269-08-D5	135 Nm	
 4269-08-F0	150 Nm	
 4269-08-G0	160 Nm	
 4269-08-H5	175 Nm	
 4269-08-J0	190 Nm	
 4269-08-K0	200 Nm	



10 PC.



Impact Accessory

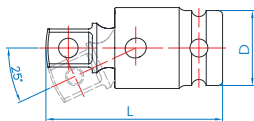


KT No. & D1

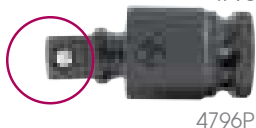
4796

4796P 1/2"

- Universal joint & with ball
- DIN 3121



4796



4796P

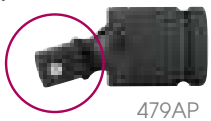
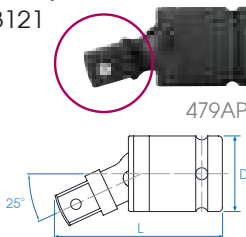
KT NO.	Overall length		D mm	⚖️	📦
	inch	mm			
4796	2-3/8	59	25	121	6 / 96
4796P	2-3/8	59	25	121	6 / 96

479AP

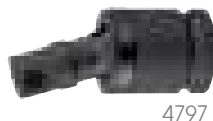
4797

4797P 1/2"

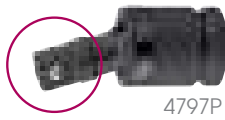
- Universal joint & with ball
- DIN 3121



479AP



4797



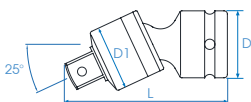
4797P

KT NO.	Overall length		D mm	⚖️	📦
	inch	mm			
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



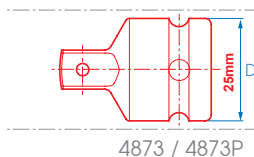
4798P

KT NO.	Overall length		D mm	D1 mm	⚖️	📦
	inch	mm				
4798	3	74	29.1	29.1	222	6 / 96
4798P	3	74	29.1	29.1	222	6 / 96

4873

4873P 1/2"

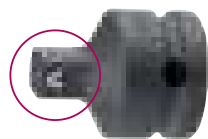
- Adapter & with ball
- Convert to 3/8"
- 4873 → Max. torque:303 Nm
- DIN 3121



4873 / 4873P



4873



4873P

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

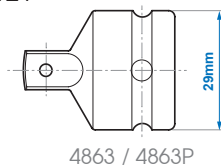
4863

4863P

4866

4866P 1/2"

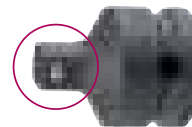
- Adapter & with ball
- Convert to 3/8", 3/4" drive
- 4863 → Max. torque:303 Nm
- DIN 3121



4863 / 4863P



4863 & 4866



4863P & 4866P

KT NO.	Spec.	⚖️	📦
4863	1/2"F x 3/8"M	95	10 / 160
4866	1/2"F x 3/4"M	174	8 / 160
4863P	1/2"F x 3/8"M	95	10 / 160
4866P	1/2"F x 3/4"M	174	8 / 160

90401

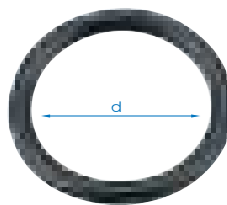
90402 1/2"

- Locking ring
- High tensile rubber material

90601

90602 1/2"

- Locking pin
- Chrome vanadium steel
- DIN 3129



90401
90402



90601
90602

KT NO.	Desp.	∅	d / ℓ	Applied to socket sizes				
90401	ring	3.5	19	4535M (8~14mm)				
				4435M (8~14mm)				
				4015M (5~14mm)				
				4055M (4~14mm)				
				4935M (10~14mm)				
				4415M (17mm)				
				4835M (10~17mm)				
				4530M (8~14mm)				
				4535S (15/16"~9/16")				
				4435S (15/16"~9/16")				
90601	pin	3.0	20	414A08S.4053.4063.4065.4075.4873.4015				
				4147.4055.4056				
				4535M (15~46mm)				
				4435M (15~46mm)				
				4935M (16~30mm)				
				4015M (17.19mm)				
				4415M (19.21mm)				
				4530M (15~36mm)				
				4575M (E20)				
				4835M (19~30mm)				
90402	ring	3.5	23	4535S (11/16"~1-1/4")				
				4435S (5/8"~1-1/4")				
				4935S (11/16"~1-1/4")				
				4015M (17.19mm)				
				4415M (19.21mm)				
				4530M (15~36mm)				
				4575M (E20)				
				4835M (19~30mm)				
				90602	pin	3.0	25	4260.4796.4797.4863.4873.4866

Impact Socket Rail Set

4423MP

1/2"

▪ Thin wall version

3
PC.



Contents 0.45 48

4835M 17, 19, 21

7411PP

1/2"

11
PC.



Contents 0.76 4 / 32

3575M E5, E6, E7, E8

4575M E10, E12, E14, E16, E18, E20

4863 1/2" F x 3/8" M

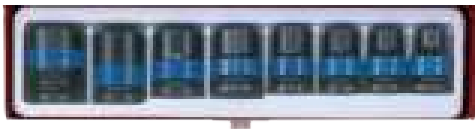
Impact Socket Set

4408MP

1/2"

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

8
PC.



Contents 1.3 1 / 20

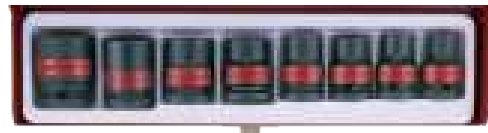
4535M 10, 12, 13, 14, 17, 19, 21, 24

4408SP

1/2"

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

8
PC.



Contents 1.3 1 / 20

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

4412MP

1/2"

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

11
PC.

Contents 1.61 1 / 8

4535M 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21



4414MP

4414SP

1/2"

Metal case size (mm) :
270 x 100 x 49 (0.047 cuft)

14
PC.



4414MP



4414SP

KT NO.

Contents

4414MP	4535M	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27	2.25	1 / 8
4414SP	4535S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	2.4	



Impact Socket Set

4410MP

4410MP01

4410SP

1/2"

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



4410MP / 4410MP01



4410SP

8
PC.

KT NO.

Contents

2.3

1 / 12

4410MP	4435M	12, 13, 14, 17, 19, 21, 22, 23
4410MP01	4435M	12, 13, 14, 17, 19, 21, 22, 24
4410SP	4435S	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16

4416SP

1/2"

Metal case size (mm) :
445 x 135 x 50 (0.021 cuft)



14
PC.

Contents

4.8 1 / 6

4435S	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4
-------	---

4413MP

1/2"

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



8
PC.

Contents

1.37 1 / 20

4835M	10, 12, 13, 14, 17, 19, 21, 24
-------	--------------------------------

4415MP

4415MP03

1/2"

Metal case size (mm) :
445 x 135 x 50 (0.021 cuft)



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	4435M	10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24, 27, 30, 32

4815MP04

new

4815MP05

new

1/2"

Metal case size (mm) :
445 x 135 x 50 (0.021 cuft)



4815MP04 / 4815MP05

15
PC.

KT NO.

Contents

4815MP04	4430M	10, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	5.1	1 / 6
4815MP05	4430M	8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	4.3	1 / 6

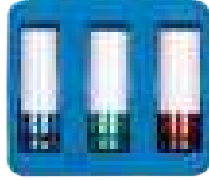
Wheel Nut Impact Socket Set

4405MX

1/2"

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

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



3
PC.

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

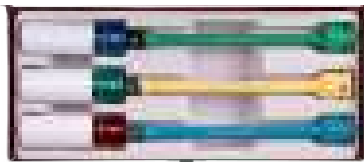
Impact Socket Set

4406MX

1/2"

- Wheel nut impact socket
- Torque extension bar

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



6
PC.

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		

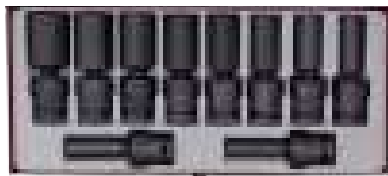
Impact Universal Joint Socket Set

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

4407MP

1/2"

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

- For hex head screw
- 60mL

7
PC.



Contents

0.94 1 / 20

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

4417PP

1/2"

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

- For torx internal screw
- 60mL

7
PC.



Contents

0.94 1 / 20

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

4457MP

1/2"

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

- For hex head screw
- 100mL

7
PC.



Contents

1.44 1 / 18

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

4467PP

1/2"

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

- For torx internal screw
- 100mL

7
PC.



Contents

1.31 1 / 18

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

4476MP

1/2"

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

- For hex head screw
- 150mL

6
PC.



Contents

1.47 1 / 18

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

4418MP

1/2"

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

- For hex head screw
- 60mL

8
PC.



Contents

1.34 1 / 20

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

Standard Impact Socket

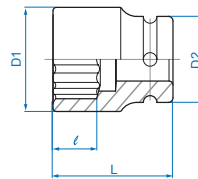
KT No. & D1



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

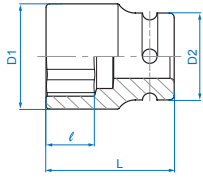
Standard Impact Socket




KT No. & D1



6515M

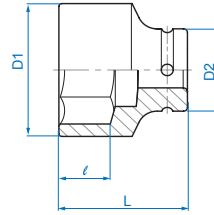
- Lightweight type
- DIN 3121






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	

6535M

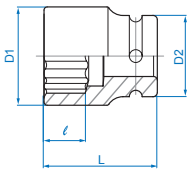
- DIN 3121






KT NO.	mm	D1 mm	D2 mm	l mm	L mm			
653513M	13	22.0	38	16	50	208	8 / 96	
653517M	17	29.0	44	10	50	316	6 / 48	
653518M	18	30.0	44	10	50	324	6 / 48	
653519M	19	32.0	44	10	50	329	6 / 48	
653521M	21	35.0	44	13	50	341	6 / 48	
653522M	22	36.0	44	13	50	346	6 / 48	
653523M	23	37.0	44	15	50	350	6 / 48	
653524M	24	38.0	44	15	50	352	6 / 48	
653526M	26	40.0	44	15	53	358	6 / 48	
653527M	27	42.0	44	18	53	380	6 / 48	
653528M	28	44.0	44	18	53	394	6 / 48	
653529M	29	45.0	44	18	53	404	6 / 48	
653530M	30	46.0	44	20	53	412	6 / 48	
653531M	31	41.0	44	20	53	460	6 / 48	
653532M	32	48.0	44	20	57	460	6 / 36	
653533M	33	50.0	44	20	57	479	6 / 36	
653534M	34	51.0	44	22	57	491	6 / 36	
653535M	35	52.0	44	22	57	497	6 / 36	
653536M	36	53.0	44	22	57	519	6 / 36	
653538M	38	56.0	44	22	57	540	4 / 32	
653540M	40	58.0	44	22	58	567	4 / 32	
653541M	41	59.0	44	24	58	580	4 / 32	
653542M	42	61.0	44	24	58	616	2 / 24	
653543M	43	62.0	44	24	58	636	2 / 24	
653544M	44	64.0	44	24	62	676	2 / 24	
new 653545M	45	64.0	44	24	62	700	2 / 24	
653546M	46	66.0	44	24	62	717	2 / 24	
653548M	48	68.0	44	26	65	925	2 / 24	
653550M	50	71.0	44	26	65	955	1 / 20	
653552M	52	74.0	54	30	68	1085	1 / 20	
653554M	54	76.0	54	30	68	1125	1 / 20	
653555M	55	77.0	54	30	70	1160	1 / 20	
653557M	57	79.0	54	32	70	1198	1 / 20	
653558M	58	81.0	54	32	70	1226	1 / 20	
653560M	60	84.0	54	32	70	1313	1 / 20	
653563M	63	83.5	54	40	80	1341	1 / 12	
653565M	65	85.5	54	43	80	1358	1 / 12	
new 653570M	70	92.0	54	45	83	1580	1 / 12	

6530M

- 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

KT No. & D1

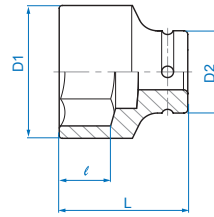


6535S

3/4"

• ANSI / ASME B107.2

KT NO.	Ø inch	D1 mm	D2 mm	ℓ mm	L mm		
653522S	11/16	29	38	10	50	225	8 / 96
653524S	3/4	32	38	10	50	238	8 / 96
653526S	13/16	35	38	13	50	252	8 / 96
653528S	7/8	36	38	13	50	257	8 / 96
653530S	15/16	37	38	15	50	288	8 / 96
653532S	1	38	38	15	53	320	8 / 96
653534S	1-1/16	42	40	18	53	325	6 / 48
653536S	1-1/8	44.7	40	18	53	355	6 / 48
653538S	1-3/16	46	40	20	53	365	6 / 48
653540S	1-1/4	48	44	20	57	460	6 / 36
653542S	1-5/16	50	44	20	57	479	6 / 36
653544S	1-3/8	52	44	22	57	497	6 / 36
653546S	1-7/16	54	44	22	57	529	6 / 36
653548S	1-1/2	56	44	22	57	540	4 / 32
653550S	1-9/16	58	44	22	58	567	4 / 32
653552S	1-5/8	59	44	24	58	580	4 / 32
653554S	1-11/16	63.5	44	25	58	636	2 / 24



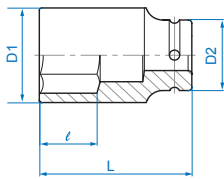
KT NO.	Ø inch	D1 mm	D2 mm	ℓ mm	L mm		
653556S	1-3/4	64	44	25	62	676	2 / 24
653558S	1-13/16	66	44	25.5	62	717	2 / 24
653560S	1-7/8	68	44	27	65	925	2 / 24
653562S	1-15/16	70	44	27	65	955	1 / 20
653564S	2	72	54	28	68	1035	1 / 20
653566S	2-1/16	74	54	30	68	1078	1 / 20
653568S	2-1/8	76	54	30	68	1122	1 / 20
653570S	2-3/16	77	54	30.5	70	1151	1 / 20
653572S	2-1/4	79	54	32.5	70	1208	1 / 20
653574S	2-5/16	81	54	32.5	70	1245	1 / 20
653576S	2-3/8	84	54	33.5	70	1349	1 / 20

Deep Impact Socket

6435M

3/4"

• DIN 3121

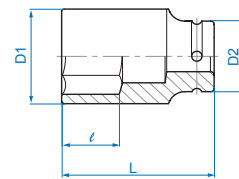


KT NO.	Ø mm	D1 mm	D2 mm	ℓ mm	L mm		
643519M	19	32	44	16	90	558	1 / 24
643521M	21	35	44	18	90	592	1 / 24
643522M	22	36	44	18	90	607	1 / 24
643523M	23	37	44	23	90	607	1 / 24
643524M	24	38	44	23	90	626	1 / 24
643525M	25	40	44	25	90	661	1 / 24
643526M	26	40	44	25	90	623	1 / 24
643527M	27	42	44	27	90	623	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.	Ø inch	D1 mm	D2 mm	ℓ mm	L mm		
643524S	3/4	32	38	16	90	455	1 / 24
643526S	13/16	35	38	18	90	490	1 / 24
643528S	7/8	36	38	18	90	495	1 / 24
643530S	15/16	37	38	23	90	495	1 / 24
643532S	1	38	38	25	90	500	1 / 24
643534S	1-1/16	42	44	27	90	624	1 / 24
643536S	1-1/8	44.7	44	27	90	680	1 / 24
643538S	1-3/16	46	44	27	90	684	1 / 24
643540S	1-1/4	48	44	30	90	733	1 / 24
643542S	1-5/16	50	44	30	90	789	1 / 24
643544S	1-3/8	52	44	32	90	804	1 / 24
643546S	1-7/16	54	44	32	90	844	1 / 24
643548S	1-1/2	56	44	34	90	871	1 / 24
643550S	1-9/16	58	44	34	90	928	1 / 24
643552S	1-5/8	59	44	34	90	941	1 / 24
643554S	1-11/16	63.5	44	38	95	1111	1 / 10
643556S	1-3/4	64	44	38	95	1168	1 / 10
643558S	1-13/16	66	44	38	95	1241	1 / 10
643560S	1-7/8	68	54	40	95	1397	1 / 10
643562S	1-15/16	70	54	40	95	1448	1 / 10
643564S	2	72	54	40	95	1521	1 / 10

Thin Wall Impact Socket

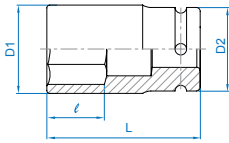
KT No. & D1



6835M

3/4"

- DIN 3121

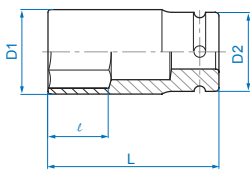


KT NO.	mm	D1 mm	D2 mm	l mm	L mm		
683517M	17	28.0	44	16	60	320	6 / 48
683519M	19	30.0	44	16	60	348	6 / 48
683521M	21	33.0	44	18	60	355	6 / 48
683522M	22	34.0	44	18	60	362	6 / 48
683523M	23	35.0	44	23	60	370	6 / 48
683524M	24	36.5	44	23	60	378	6 / 48
683526M	26	39.0	44	25	80	400	1 / 24
683527M	27	40.0	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

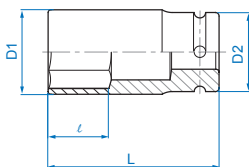


KT NO.	mm	D1 mm	D2 mm	l mm	L mm		
693519M	19	30.0	44	16	90	562	1 / 24
693521M	21	33.0	44	18	90	597	1 / 24
693522M	22	34.0	44	18	90	612	1 / 24
693523M	23	35.0	44	23	90	614	1 / 24
693524M	24	36.5	44	23	90	619	1 / 24
693526M	26	39.0	44	25	90	629	1 / 24
693527M	27	40.0	44	27	90	631	1 / 24
693529M	29	43.0	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



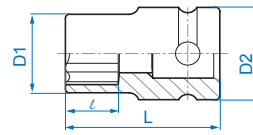
KT NO.	inch	D1 mm	D2 mm	l mm	L mm		
693524S	3/4	30.0	38	16	90	370	1 / 24
693526S	13/16	33.0	38	18	90	380	1 / 24
693528S	7/8	34.0	38	18	90	385	1 / 24
693530S	15/16	36.5	38	23	90	415	1 / 24
693532S	1	38.0	38	23	90	500	1 / 24
693534S	1-1/16	40.0	44	25	90	654	1 / 24
693536S	1-1/8	43.0	44	25	90	680	1 / 24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



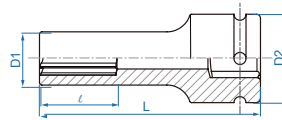
KT NO.	Size	D1 mm	D2 mm	l mm	L mm		
657524M	E24	32.5	44.0	17.0	50	382	6 / 48
657526M	E26	35.0	44.0	19.0	60	403	6 / 48
657528M	E28	36.5	44.0	25.5	60	414	6 / 48
657530M	E30	37.5	44.0	27.0	65	460	1 / 24
657532M	E32	39.5	44.0	29.0	65	470	1 / 24

Deep Impact Star Socket

6475M

3/4"

- For torx external screw
- DIN 3121
- For the operation of cylinder head bolts
- E18 on MAN commercial vehicles M 2000 and MAN busses with D 08 engines
- E20 on MAN commercial vehicles F 2000, F 90, F 8 and MAN busses with D 25 and D 28 engines
- E24 on MAN commercial vehicles Common Rail engines (D20)



KT NO.	Size	D1 mm	D2 mm	l mm	L mm		
647518M	E18	26.5	44.0	12.5	110	635	1 / 10
647520M	E20	29.0	44.0	14.0	110	680	1 / 10
647522M	E22	31.0	44.0	15.0	110	700	1 / 10
647524M	E24	32.5	44.0	17.0	110	736	1 / 10

Rear Wheel Socket

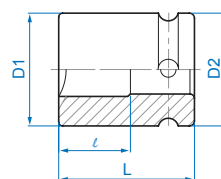
KT No. & D1



6514M

3/4"

- 4 points
- DIN 3121



KT NO.	Size	D1 mm	D2 mm	l mm	L mm		
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



KT No. & D1

6015M 3/4"

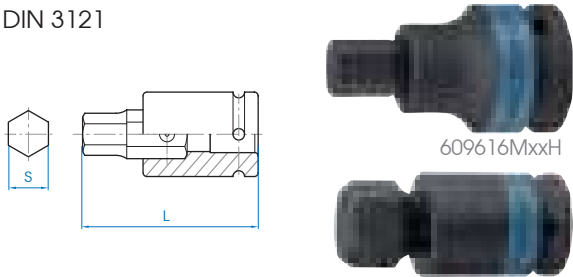
- Hexagon head
- DIN 3121



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 3/4"

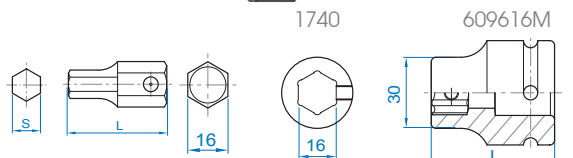
- DIN 3121



KT NO.	S mm	L 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

1740 3/4"

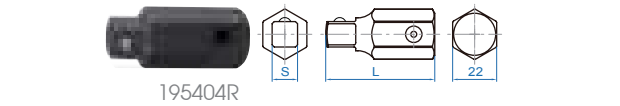
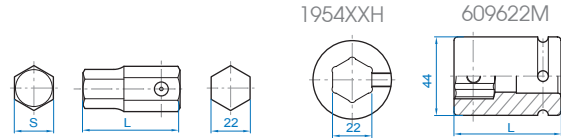
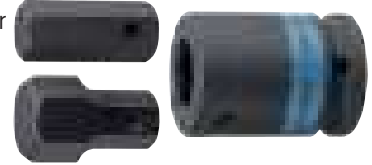
- Hex bit & bit holder
- DIN 3121



KT NO.	S mm	L mm	Max. torq Nm		
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

- Hex bit & bit holder
- DIN 3121

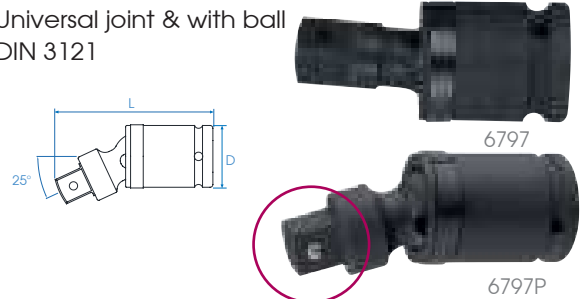


KT NO.	S mm	L mm	Max. torq Nm		
195419H	H19	54.5	1577	140	12 / 120
195422H	H22	54.5	2436	162	12 / 120
195424H	H24	54.5	2436	176	10 / 100
195427H	H27	54.5	2436	200	10 / 100
195430H	H30	54.5	2436	232	6 / 60
195432H	H32	54.5	2436	243	6 / 60
609622M	22	60.0	-	530	6 / 48
195404R	1/2"M	54.5	-	135	12 / 120

Impact Accessory

6797 3/4"

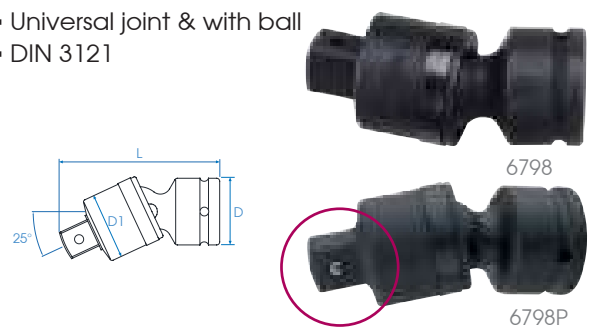
- Universal joint & with ball
- DIN 3121



KT NO.	Overall length inch	mm	D mm		
6797	4-1/2	114	44	742	2 / 20
6797P	4-1/2	114	44	742	2 / 20

6798 3/4"

- Universal joint & with ball
- DIN 3121



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

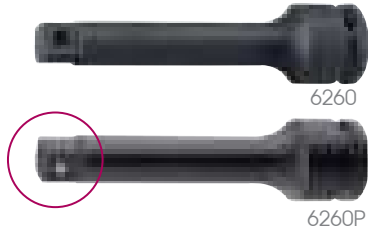
Impact Accessory



KT No. & DT

6260 6260P 3/4"

- Extension bar & with ball
- DIN 3121

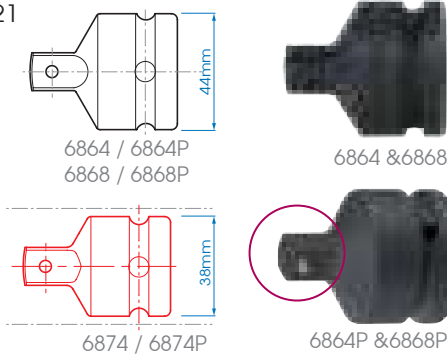


KT NO.	Overall length		Scales	Boxes
	inch	mm		
6260-04	4	100	577	2 / 20
6260-07	7	175	867	2 / 20
6260-10	10	250	1155	1 / 16
6260-13	13	330	1423	1 / 10
6260-04P	4	100	577	2 / 20
6260-07P	7	175	867	2 / 20
6260-10P	10	250	1155	1 / 16
6260-13P	13	330	1423	1 / 10

6864 6864P

6868 6868P 3/4"

- Adapter & with ball
- Convert to 1/2" drive
- 6864 → Max. torque: 768 Nm
- DIN 3121



KT NO.	Spec.	Scales	Boxes
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



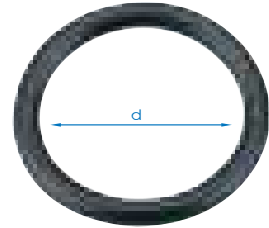
KT NO.	Spec.	D (mm)	Scales	Boxes
6874	3/4"F x 1/2"M	38	255	6 / 48
6874P	3/4"F x 1/2"M	38	255	6 / 48

90403 90404 90405 3/4"

- Locking ring
- High tensile rubber material

90603 90604 90607 3/4"

- Locking pin
- Chrome vanadium steel
- DIN 3129



90603
90604
90607

90403
90404
90405

KT NO. Desp. \varnothing d / l Applied to socket sizes

90403	ring	3.5	33	6015M (14~19mm) 6435S (3/4"~1") 6510M (17~30mm) 6535S (1-1/16"~1-3/16") 6515M (17~30mm) 6935S (3/4"~1") 6874
90607	pin	3.0	30	6535M (17~46mm) 6535S (1-1/4"~1-13/16") 6435M (19~46mm) 6435S (1-1/16"~1-13/16") 6935M (19~32mm) 6935S (1-1/16"~1-1/4") 6015M (21~27mm) 6260.6797.6798.6864
90404	ring	5.5	37	6530M (17~46mm) 6868 6835M (17~32mm) 609616M.609622M
90603	pin	4.0	35	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	

Impact Bit Socket Set

6411MP 3/4"

Metal case size (mm) :
270 x 100 x 49 (0.048 cuft)

11
PC.



Contents

Scales 2.8 Boxes 1 / 8

	6096M	16, 22
	1740	H10, H12, H14, H17
	1954	H19, H22, H24, H27, H32

Impact Socket Set

6408MP

6408MP10

6408SP10

3/4"

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



6408MP / 6408MP10 / 6408SP10

8
PC.

KT NO.	Contents			
6408MP	6535M	19, 22, 24, 27, 30, 32, 36, 38	3.9	1 / 6
6408MP10	6515M	19, 22, 24, 27, 30	3.9	
	6535M	32, 36, 38		
6408SP10	6535S	3/4, 7/8, 15/16, 1-1/16, 1-3/16, 1-1/4, 1-7/16, 1-1/2	3.8	

6409MP

6409MP03

6409SP10

3/4"

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



6409MP / 6409MP03



6409SP10

8
PC.

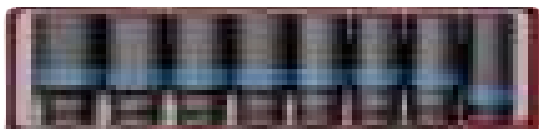
KT NO.	Contents			
6409MP	6535M	26, 29, 30, 32, 34, 35, 36, 38	4.7	1 / 2
6409MP03	6535M	21, 22, 24, 27, 30, 32, 36, 41	4.7	
6409SP10	6535S	1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2	4.8	

6410MP

6410SP

3/4"

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



6410MP



6410SP

8
PC.

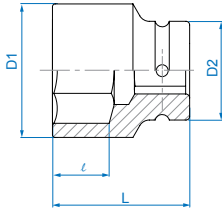
KT NO.	Contents		7.1	1 / 2
6410MP	6435M	26, 29, 30, 32, 34, 35, 36, 38		
6410SP	6435S	1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2		

Standard Impact Socket

8535M



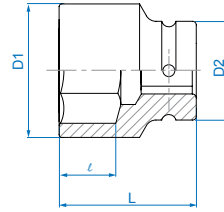
• DIN 3129, ISO 2725-2



8535S



• ANSI / ASME B107.2



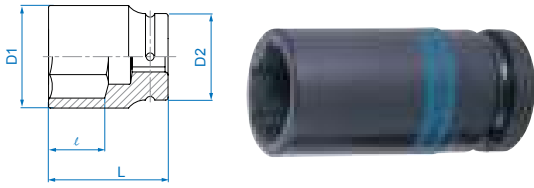
KT NO.	mm	D1 mm	D2 mm	ℓ mm	L mm	g	kg
853519M	19	35	54	15	58	508	1 / 24
853521M	21	37	54	15	58	529	1 / 24
853522M	22	38	54	15	58	520	1 / 24
853523M	23	39	54	17	58	542	1 / 24
853524M	24	41	54	17	58	529	1 / 24
853525M	25	42	54	17	58	567	1 / 24
853526M	26	43	54	19	58	558	1 / 24
853527M	27	44	54	19	58	538	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

KT NO.	inch	D1 mm	D2 mm	ℓ mm	L mm	g	kg
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	542	1 / 24
853532S	1	42	54	17	58	567	1 / 24
853534S	1-1/16	44	54	19	58	538	1 / 24
853536S	1-1/8	47	54	19	58	600	1 / 24
853538S	1-3/16	48	54	20	60	592	1 / 24
853540S	1-1/4	51	54	20	62	679	1 / 24
853542S	1-5/16	52	54	20	62	700	1 / 24
853544S	1-3/8	54	54	20	62	779	1 / 24
853546S	1-7/16	56	54	20	65	729	1 / 24
853548S	1-1/2	58	54	22	65	742	1 / 24
853550S	1-9/16	60	54	22	65	800	1 / 24
853552S	1-5/8	61	54	22	70	846	1 / 24
853554S	1-11/16	64	54	22	70	890	1 / 20
853556S	1-3/4	67	54	26	70	1000	1 / 20
853558S	1-13/16	68	54	26	75	1075	1 / 20
853560S	1-7/8	70	54	26	75	1085	1 / 20
853562S	1-15/16	72	54	26	75	1140	1 / 20
853564S	2	74	54	30	75	1235	1 / 20
853566S	2-1/16	75	54	30	80	1300	1 / 12
853568S	2-1/8	78	54	30	80	1400	1 / 12
853570S	2-3/16	79	54	32	83	1433	1 / 12
853572S	2-1/4	82	54	32	83	1500	1 / 12
853574S	2-5/16	83	54	32	83	1542	1 / 12
853576S	2-3/8	86	54	32	87	1758	1 / 12
853578S	2-7/16	88	54	34	87	1760	1 / 12
853580S	2-1/2	90	54	34	87	1750	1 / 12
853582S	2-9/16	92	54	34	90	1758	1 / 12
853584S	2-5/8	94	54	34	90	1966	1 / 12
853586S	2-11/16	95	54	34	90	1966	1 / 12
853588S	2-3/4	97	54	34	93	2112	1 / 8
853590S	2-13/16	99	86	36	93	2925	1 / 8
853592S	2-7/8	102	86	36	93	3050	1 / 8
853594S	2-15/16	104	86	36	95	3188	1 / 8
853596S	3	106	86	36	95	3205	1 / 8
8535A0S	3-1/8	110	86	43	95	3350	1 / 4
8535A4S	3-1/4	112	86	43	95	3300	1 / 4
8535A8S	3-3/8	117	86	43	100	3550	1 / 4
8535B2S	3-1/2	122	86	43	100	3950	1 / 4

Deep Impact Socket

8435M 1"

▪ DIN 3121

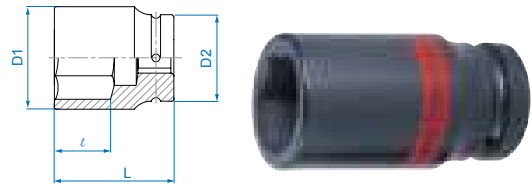


KT NO.	mm	D1 mm	D2 mm	l mm	L mm	g	kg
843524M	24	41	54	25	90	850	1 / 24
843527M	27	44	54	25	90	879	1 / 24
843528M	28	45	54	25	90	892	1 / 24
843530M	30	48	54	28	90	916	1 / 24
843532M	32	51	54	28	90	979	1 / 24
843533M	33	52	54	28	92	1016	1 / 24
843534M	34	53	54	28	92	1029	1 / 24
843535M	35	54	54	28	92	1016	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

Deep Impact Socket

8435S 1"

▪ ANSI / ASME B107.1

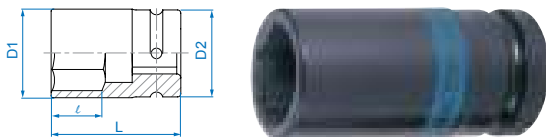


KT NO.	inch	D1 mm	D2 mm	l mm	L mm	g	kg
843530S	15/16	40.8	54	25	90	850	1 / 24
843532S	1	42	54	25	90	860	1 / 24
843534S	1-1/16	44	54	25	90	879	1 / 24
843536S	1-1/8	46.3	54	25	90	900	1 / 24
843538S	1-3/16	48	54	28	90	916	1 / 24
843540S	1-1/4	51	54	28	90	979	1 / 24
843542S	1-5/16	52	54	28	92	1016	1 / 24
843544S	1-3/8	54	54	28	92	1016	1 / 24
843546S	1-7/16	56	54	32	92	1033	1 / 24
843548S	1-1/2	58	54	32	92	1025	1 / 24
843550S	1-9/16	60	54	32	92	1075	1 / 24
843552S	1-5/8	61	54	32	92	1083	1 / 24
843554S	1-11/16	64	54	32	92	1100	1 / 24
843556S	1-3/4	67	54	32	92	1120	1 / 12
843558S	1-13/16	68	54	35	95	1137	1 / 12
843560S	1-7/8	70	54	35	95	1400	1 / 6
843562S	1-15/16	72	54	35	95	1480	1 / 6
843564S	2	74	54	35	95	1577	1 / 6
843566S	2-1/16	75	54	40	100	1637	1 / 6
843568S	2-1/8	78	54	40	100	1750	1 / 6
843570S	2-3/16	79	54	40	100	1862	1 / 6
843572S	2-1/4	82	54	42	100	1900	1 / 6

Thin Wall Impact Socket

8835M 1"

- Thin wall version
- 6 points
- Metric size
- DIN 3121

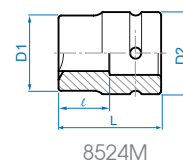


KT NO.	mm	D1 mm	D2 mm	l mm	L mm	g	kg
883524M	24	38.0	54	26	80	626	1 / 24
883527M	27	42.0	54	26	80	643	1 / 24
883529M	29	44.0	54	26	80	700	1 / 24
883530M	30	46.0	54	30	80	696	1 / 24
883532M	32	48.0	54	30	80	714	1 / 24
883533M	33	49.0	54	30	80	748	1 / 24
883534M	34	50.0	54	30	80	764	1 / 24
883535M	35	52.0	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



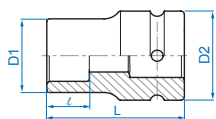
KT NO.	SQ	D1 mm	D2 mm	l mm	L mm	g	kg
851417M	17	40.0	54	30.0	60	618	1 / 24
851419M	19	42.0	54	30.0	60	618	1 / 24
851420M	20	43.0	54	30.0	60	621	1 / 24
851421M	21	44.0	54	30.0	60	621	1 / 24
851422M	22	45.5	54	30.0	60	621	1 / 24
852421M	21	44.0	48	30.0	60	621	1 / 24
851426S	13/16	44	54	30.0	60	625	1 / 24

Rear Wheel Socket

8534M

1"

- 4 points
- DIN 3121

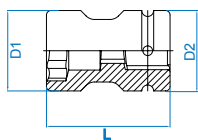


KT NO.	SQ	D1 mm	D2 mm	ℓ mm	L mm	⚖️	📦
853417M	17	38.0	54	23.5	76	628	1 / 24
853419M	19	43.0	54	23.5	76	682	1 / 24
853421M	21	47.0	54	23.5	76	733	1 / 24

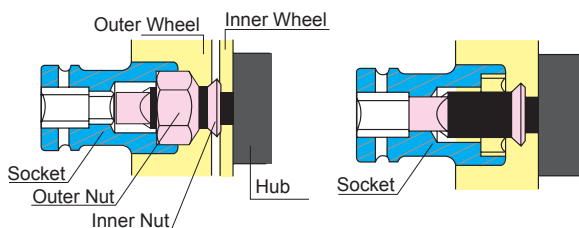
8545M

1"

- DIN 3121
- 17SQ x35MM Isuzu, Mitsubishi, Nissan, Mazda
- 19SQ x41MM Mazda
- 20SQ x38MM Hino, Toyota, Daihatsu
- 20SQ x41MM Hino, Toyota, Daihatsu
- 21SQ x41MM Scania, Isuzu, Hino, Mitsubishi, Nissan



Use for



The wheel nut socket fits onto both outer nut and inner nut

KT NO.	SQ	mm	D1 mm	D2 mm	ℓ mm	L mm	⚖️	📦
85451735M	17 x 35		54	54	13	83	1042	1 / 24
85451941M	19 x 41		55	54	14	83	985	1 / 24
85452038M	20 x 38		58	54	14	87	1099	1 / 24
85452041M	20 x 41		58	54	14	87	1086	1 / 24
85452141M	21 x 41		58	54	14	87	1071	1 / 24

Impact Bit Socket

8015M

1"

- Hexagon head
- DIN 3121



KT NO.	mm	L mm	⚖️	📦
801519M	H19	75	860	1 / 24

1954

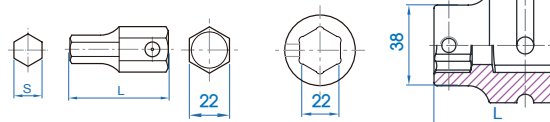
809622M

- Hex bit & bit holder
- DIN 3121



1954

809622M

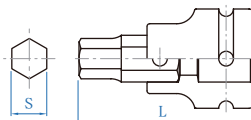


KT NO.	S mm	L mm	Max. torq Nm	⚖️	📦
195419H	H19	54.5	1577	140	12 / 120
195422H	H22	54.5	2436	162	12 / 120
195424H	H24	54.5	2436	176	10 / 100
195427H	H27	54.5	2436	200	10 / 100
195430H	H30	54.5	2436	232	6 / 60
195432H	H32	54.5	2436	243	6 / 60
809622M	22	58.0	-	756	1 / 24

809622MxxH

1"

- Hexagon head
- DIN 3121



KT NO.	S mm	mm	L (mm)	Max. torq Nm	⚖️	📦
809622M19H	H19	22	93	1577	896	1 / 10
809622M22H	H22	22	93	2436	918	1 / 10
809622M24H	H24	22	93	2436	932	1 / 10
809622M27H	H27	22	93	2436	956	1 / 10
809622M30H	H30	22	93	2436	988	1 / 10
809622M32H	H32	22	93	2436	999	1 / 10

Impact Accessory

8260

8260P

1"

- Extension bar & with ball
- DIN 3121



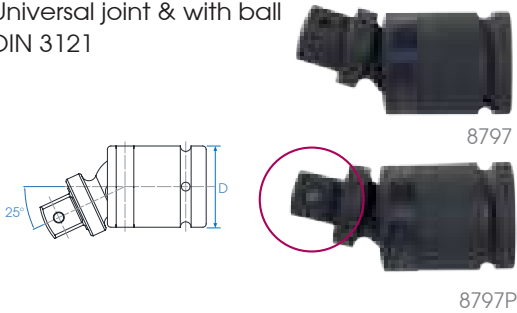
KT NO.	Overall Length		Kg	Box / Carton
	Inch	mm		
8260-07	7	175	1393	1 / 12
8260-10	10	250	1891	1 / 12
8260-13	13	330	2455	1 / 8
8260-07P	7	175	1393	1 / 12
8260-10P	10	250	1891	1 / 12
8260-13P	13	330	2455	1 / 8

8797

8797P

1"

- Universal joint & with ball
- DIN 3121



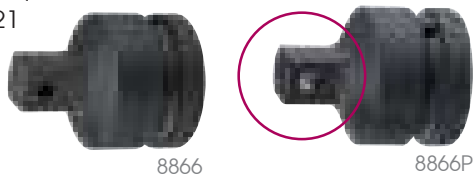
KT NO.	Overall Length		D mm	Kg	Box / Carton
	Inch	mm			
8797	5	125	60	1530	1 / 18
8797P	5	125	60	1530	1 / 18

8866

8866P

1"

- Adapter & with ball
- Convert to 3/4" drive
- Max. torque: 2118 Nm
- DIN 3121



KT NO.	Spec.	Kg	Box / Carton
8866	1" F x 3/4" M	562	4 / 32
8866P	1" F x 3/4" M	562	4 / 32

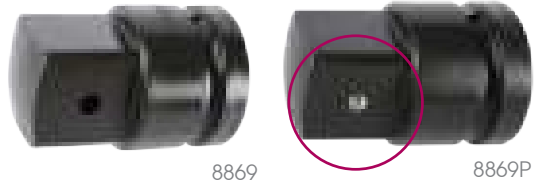
Impact Accessory

8869

8869P

1"

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



KT NO.	Spec.	Kg	Box / Carton
8869	1" F x 1-1/2" M	963	1 / 24
8869P	1" F x 1-1/2" M	963	1 / 24

90405

90406

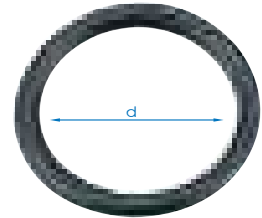
- Locking ring
- High tensile rubber material

90605

90606

1"

- Locking pin
- Chrome vanadium steel
- DIN 3129



90605
90606

90405
90406

KT NO.	Desp.	Ø	d / l	Applied to socket sizes
90405	ring	5.5	44	
90605	pin	5.0	45	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
90406	ring	10	75	
90606	pin	5.0	75	8535M (71~90mm) 8535S (2-13/16"~3-1/2")

Impact Socket Set

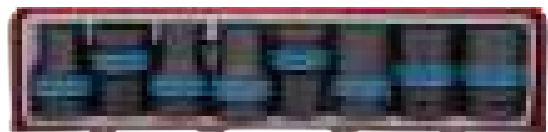
8408MP

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		Kg	Box / Carton
○	8835M 24, 27, 32, 36, 38, 41	7.4	1 / 2
⊙	8534M 17, 21		

Impact Socket Set

8408MP02

1"

- 6 PC. thin wall deep version
 - 2 PC. rear wheel, square
- Metal case size (mm) :
445 x 120 x 68 (0.128 cuft)

8
PC.



Contents

6.9 1/2

		8835M	24, 27, 32, 36, 38, 41
		8534M	19, 21

8409MP

1"

Metal case size (mm) :
445 x 100 x 65 (0.104 cuft)

8
PC.



Contents

8.9 1/2

		8435M	24, 27, 30, 32, 33, 36, 38, 41
--	--	-------	--------------------------------

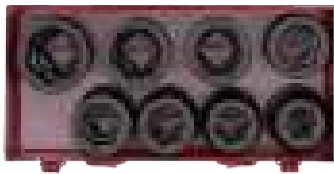
8410MP

8410SP

1"

Metal case size (mm) :
280 x 130 x 74 (0.095 cuft)

8
PC.



KT NO. Contents 6.4 1/4

8410MP		8535M	24, 27, 30, 32, 33, 36, 38, 41
8410SP		8535S	15/16, 1-1/16, 1-3/16, 1-1/4, 1-5/16, 1-7/16, 1-1/2, 1-5/8

Impact Accessory

9260

9260P

1-1/2"

- Extension bar & with ball
- DIN 3121



9260



9260P

KT NO.	Overall length			
	Inch	mm		
9260-13	13	330	5900	1 / 4
9260-13P	13	330	5900	1 / 4

9868

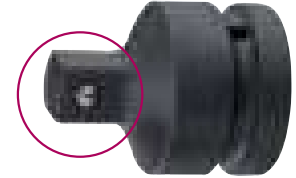
9868P

1-1/2"

- Adapter & with ball
- Convert to 1" drive
- Max. → torque:2515 Nm
- DIN 3121



9868



9868P

KT NO.	Spec.		
9868	1-1/2" F x 1"M	2360	1 / 6
9868P	1-1/2" F x 1"M	2360	1 / 6

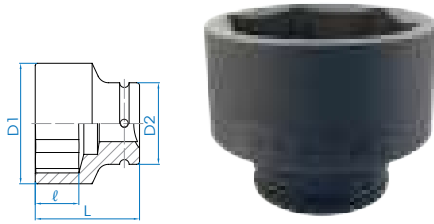


Standard Impact Socket

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

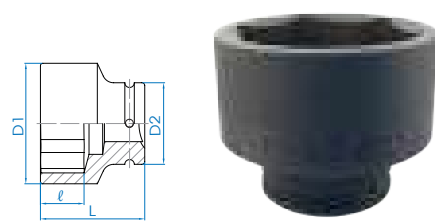
9535M 1-1/2"

• DIN 3129



9535S 1-1/2"

• ANSI / ASME B107.1



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

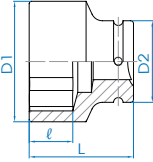
KT NO.	inch	D1 mm	D2 mm	l mm	L mm	g	kg
953564S	2	81	86	35	85	2400	1/6
953566S	2-1/16	82	86	36	85	3075	1/6
953568S	2-1/8	84	86	36	90	3214	1/6
953570S	2-3/16	85	86	43	93	3204	1/6
953572S	2-1/4	87	86	43	93	3205	1/6
953574S	2-5/16	89	86	43	93	3263	1/6
953576S	2-3/8	90	86	45	95	2950	1/6
953578S	2-7/16	93	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

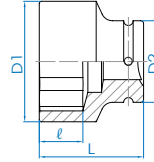


KT NO.	mm	D1 mm	D2 mm	l mm	L mm		
A535041M	41	78	127	39	115	5985	1 / 4
A535046M	46	83	127	39	115	5971	1 / 4
A535050M	50	88	127	39	115	6050	1 / 4
A535051M	51	89	127	39	115	6064	1 / 4
A535055M	55	94	127	42	115	6148	1 / 4
A535057M	57	96	127	42	115	6180	1 / 4
A535060M	60	100	127	45	125	6878	1 / 2
A535065M	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)

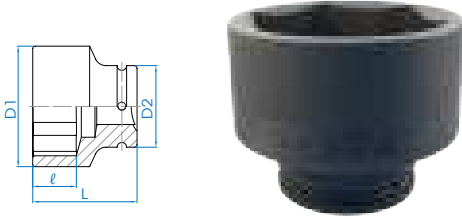


Standard Impact Socket

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

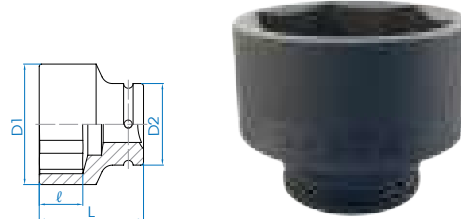
B535M 3-1/2"

• DIN 3129



B535S 3-1/2"

• ANSI / ASME B107.1



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)

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



A series of horizontal dashed lines for writing notes, spanning the width of the page.

PNEUMATIC TOOLS

- 3/8" Impact Wrench
- 1/2" Impact Wrench
- 3/4" Impact Wrench
- 1" Impact Wrench
- 1-1/2" Impact Wrench
- Impact Wrench Set
- Air Ratchet Wrench
- Impact Screwdriver
- Air Blow Gun
- Air Hose Reel



Mechanical structure



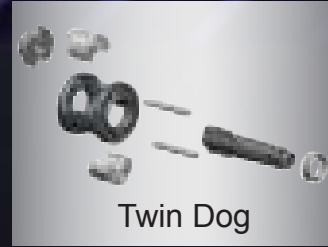
New Twin Hammer



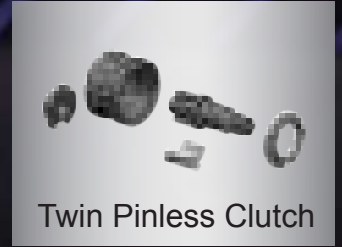
Twin Hammer



Jumbo Hammer



Twin Dog



Twin Pinless Clutch



KT NO.	Drive	Max. torque		Type			Working place	Anvil		Page
		Ft.lb	Nm	Standard	Lightweight	Mini.		STD	Long	
33311-020 33311-021	3/8"	200	271					○		237
33411-020 33411-021	1/2"	200	271					○		237
new 33491-030 33491-031		300	407					○		238
33451-045 33451-046		450	610					○		237
new 33431-050 33431-051		500	678					○		239
33411-040 33411-041		500	678					○		240
33412-040 33412-041		500	678						②	240
33421-040 33421-041		500	678					○		240
33411-050 33411-051		650	881					○		240
33412-050 33412-051		650	881						②	240
33431-065 33431-066		650	881					○		241
33481-095 33481-096	950	1288					○		242	
33611-055 33611-056	3/4"	700	949					○		241
33612-055 33612-056		700	949						②	241
33621-075 33621-076		800	1085					○		241
33622-075 33622-076		800	1085						⑥	241
33681-100 33681-101		1100	1491					○		242
33631-110 33631-111		1100	1491					○		242
33632-110 33632-111		1100	1491						⑥	242
33671-160 33672-160		1600	2170					○	⑥	243
33851-120 33851-121		1200	1626					○		244
33852-120 33852-121		1200	1626						⑥	244
33811-150 33812-150	1"	1500	2033					○	⑥	245
33871-160 33872-160		1600	2170					○	⑥	243
33841-180 33842-180		1800	2440					○	⑥	244
33831-180 33832-180		1800	2440					○	⑥	245
33861-200 33862-200		2000	2712					○	⑥	246
33851-250 33852-250		2500	3388					○	⑧	247
33911-250 33912-250		2500	3388					○	⑧	247
33921-300 33922-300		3000	4065					○	⑧	247



Impact Wrench

33311

Jumbo Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust



KT NO.	Square drive Inch mm	Type Std/Long anvil	Std. bolt size Inch mm	Free speed R.P.M	Max. torque ft.lb Nm	Overall length Inch mm	Air inlet Inch	Air hose ID	Air pressure bar PSI	Avg. air consumption L/min CFM	Sound DBA	Vib M/S2	Net weight kgs lbs
33311-020	3/8" 9.53	Std.anvil	7/16" M11	10000	200 271	5-1/2" 139	1/4" BSPT	3/8"	6.2 90	71 2.5	95.35	3.78	1.35 2.98 1 / 10
33311-021	3/8" 9.53	Std.anvil	7/16" M11	10000	200 271	5-1/2" 139	1/4" NPT	3/8"	6.2 90	71 2.5	95.35	3.78	1.35 2.98 1 / 10
33411-020	1/2" 12.70	Std.anvil	7/16" M11	10000	200 271	5-1/2" 139	1/4" BSPT	3/8"	6.2 90	71 2.5	95.48	5.11	1.35 2.98 1 / 10
33411-021	1/2" 12.70	Std.anvil	7/16" M11	10000	200 271	5-1/2" 139	1/4" NPT	3/8"	6.2 90	71 2.5	95.48	5.11	1.35 2.98 1 / 10

33451

Twin Hammer

- Mini design, overall length 125mm with 1.6kg
- Nickel chrome molybenum square driver



KT NO.	Square drive Inch mm	Type Std/Long anvil	Std. bolt size Inch mm	Free speed R.P.M	Max. torque ft.lb Nm	Overall length Inch mm	Air inlet Inch	Air hose ID	Air pressure bar PSI	Avg. air consumption L/min CFM	Sound DBA	Vib M/S2	Net weight kgs lbs
33451-045	1/2" 12.70	Std.anvil	5/8" M16	9000	450 610	4-15/16" 125	1/4" BSPT	3/8"	6.2 90	164 5.8	99.90	2.26	1.60 3.53 1 / 10
33451-046	1/2" 12.70	Std.anvil	5/8" M16	9000	450 610	4-15/16" 125	1/4" NPT	3/8"	6.2 90	164 5.8	99.90	2.26	1.60 3.53 1 / 10

Ultra Compact Angle Impact Wrench

33491-030 new



Jumbo Hammer

- Easy to work in confined space
- Ergonomic handle in hand and great power setting
- Lightweight : 1.4Kg
- Mini head length : 88mm
- Max. torque : 350ft.lb (475Nm) in reverse

Single handed switch-Forward-Reverse



3 speed power in forward

3 2 1

Full speed in reverse

3

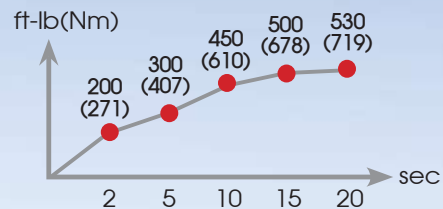


360° swivel exhaust deflector

Unique gearless design



The gearless angle impact reduces vibration by 50%, Increases torque by 20%



KT NO.	Square drive		Std. bolt size		Free speed R.P.M	Max. torque		Overall length		Air inlet	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		Icons
	Inch	mm	Inch	mm		ft.lb	Nm	Inch	mm									kgs	lbs	
33491-030	1/2"	12.70	9/16"	M14	6,500	300	407	9.8"	248	1/4"BSPT	3/8"	6.2	90	119	4.2	94.00	7.48	1.40	3.09	1/12
33491-031	1/2"	12.70	9/16"	M14	6,500	300	407	9.8"	248	1/4"NPT	3/8"	6.2	90	119	4.2	94.00	7.48	1.40	3.09	1/12

Mini Air Impact Wrench

33431-050 new



Jumbo Hammer

- Mini design, overall length 109mm with 1.35kg
- Nickel chrome molybenum square driver
- Improved jumbo hammer design : 30% higher torque

One-hand control forward & reverse switch

Convenient to switch on both sides

3-speed regulator for precise control

Ergonomic design interchangeable rubber grip

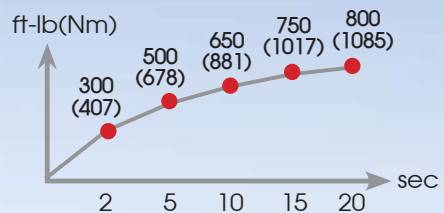
Air exhaust away from the operator



-15% length

4.3"

-10% weight



KT NO.	Square drive inch mm	Type Std/Long anvil	Std. bolt size inch mm	Free speed R.P.M	Max. torque ft.lb Nm	Overall length inch mm	Air inlet inch	Air hose ID	Air pressure bar PSI	Avg. air consumption L/min CFM	Sound DBA	Vib M/S ²	Net weight kgs lbs	
33431-050	1/2" 12.70	Std.anvil	5/8" M16	9000	500 678	4.3" 109	1/4" BSPT	3/8"	6.2 90	142 5.0	101.02	8.70	1.35 2.98	1 / 12
33431-051	1/2" 12.70	Std.anvil	5/8" M16	9000	500 678	4.3" 109	1/4" NPT	3/8"	6.2 90	142 5.0	101.02	8.70	1.35 2.98	1 / 12



Impact Wrench

33421

Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on front exhaust



KT NO.	Square drive inch mm	Type Std./Long anvil	Std. bolt size inch mm	Free speed R.P.M.	Max. torque ft.lb Nm	Overall length inch mm	Air inlet inch	Air hose ID	Air pressure bar PSI	Avg. air consumption L/min CFM	Sound DBA	Vib M/S ²	Net weight kgs lbs
33421-040	1/2" 12.70	Std.anvil	5/8" M16	8000	500 678	6-3/4" 171	1/4" BSPT	3/8"	6.2 90	113 4.0	101.02	8.70	2.56 5.64 1 / 8
33421-041	1/2" 12.70	Std.anvil	5/8" M16	8000	500 678	6-3/4" 171	1/4" NPT	3/8"	6.2 90	113 4.0	101.02	8.70	2.56 5.64 1 / 8

33411-040 / 33412-040

Twin Hammer



33411-050 / 33412-050

New Twin Hammer



KT NO.	Square drive inch mm	Type Std./Long anvil	Std. bolt size inch mm	Free speed R.P.M.	Max. torque ft.lb Nm	Overall length inch mm	Air inlet inch	Air hose ID	Air pressure bar PSI	Avg. air consumption L/min CFM	Sound DBA	Vib M/S ²	Net weight kgs lbs
33411-040	1/2" 12.70	Std. anvil	5/8" M16	8000	500 678	7-23/64" 187	1/4" BSPT	3/8"	6.2 90	113 4.0	95.22	4.85	2.60 5.73 1 / 8
33411-041	1/2" 12.70	Std. anvil	5/8" M16	8000	500 678	7-23/64" 187	1/4" NPT	3/8"	6.2 90	113 4.0	95.22	4.85	2.60 5.73 1 / 8
33412-040	1/2" 12.70	Long anvil	5/8" M16	8000	500 678	9-23/64" 238	1/4" BSPT	3/8"	6.2 90	113 4.0	95.78	4.80	2.80 6.17 1 / 8
33412-041	1/2" 12.70	Long anvil	5/8" M16	8000	500 678	9-23/64" 238	1/4" NPT	3/8"	6.2 90	113 4.0	95.78	4.80	2.80 6.17 1 / 8
33411-050	1/2" 12.70	Std. anvil	3/4" M19	8000	650 881	7-41/64" 194	1/4" BSPT	3/8"	6.2 90	125 4.4	96.50	8.13	2.80 6.17 1 / 8
33411-051	1/2" 12.70	Std. anvil	3/4" M19	8000	650 881	7-41/64" 194	1/4" NPT	3/8"	6.2 90	125 4.4	96.50	8.13	2.80 6.17 1 / 8
33412-050	1/2" 12.70	Long anvil	3/4" M19	8000	650 881	9-23/64" 238	1/4" BSPT	3/8"	6.2 90	125 4.4	96.19	6.84	3.20 7.05 1 / 8
33412-051	1/2" 12.70	Long anvil	3/4" M19	8000	650 881	9-23/64" 238	1/4" NPT	3/8"	6.2 90	125 4.4	96.19	6.84	3.20 7.05 1 / 8

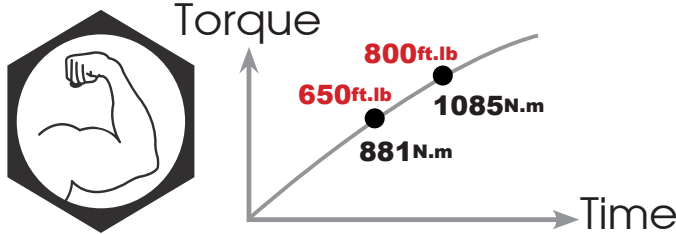
Impact Wrench



33431

Twin Hammer

- One-handed F / R control
- Convenient to switch on both sides
- 3-speed regulator for precise control
- Ergonomic design interchangeable rubber grip



KT NO.	Square drive Inch mm	Type Std./Long anvil	Std. bolt size Inch mm	Free speed R.P.M	Max. torque ft.lb Nm	Overall length Inch mm	Air inlet Inch	Air hose ID	Air pressure bar PSI	Avg. air consumption L/min CFM	Sound DBA	Vib M/S ²	Net weight kgs lbs
33431-065	1/2" 12.70	Std.anvil	3/4" M19	8000	650 881	6-7/8" 175	1/4" BSPT	3/8"	6.2 90	139 4.9	101.50	9.37	2.58 5.69 1 / 8
33431-066	1/2" 12.70	Std.anvil	3/4" M19	8000	650 881	6-7/8" 175	1/4" NPT	3/8"	6.2 90	139 4.9	101.50	9.37	2.58 5.69 1 / 8

33611 / 33612

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust



KT NO.	Square drive Inch mm	Type Std./Long anvil	Std. bolt size Inch mm	Free speed R.P.M	Max. torque ft.lb Nm	Overall length Inch mm	Air inlet Inch	Air hose ID	Air pressure bar PSI	Avg. air consumption L/min CFM	Sound DBA	Vib M/S ²	Net weight kgs lbs
33611-055	3/4" 19.05	Std. anvil	7/8" M20	6500	700 949	7-13/32" 188	1/4" BSPT	3/8"	6.2 90	125 4.4	96.56	8.64 3.00 6.61 1 / 8	
33611-056	3/4" 19.05	Std. anvil	7/8" M20	6500	700 949	7-13/32" 188	1/4" NPT	3/8"	6.2 90	125 4.4	96.56	8.64 3.00 6.61 1 / 8	
33612-055	3/4" 19.05	Long anvil	7/8" M20	6500	700 949	11-13/32" 290	1/4" BSPT	3/8"	6.2 90	125 4.4	96.86	6.17 3.40 7.50 1 / 8	
33612-056	3/4" 19.05	Long anvil	7/8" M20	6500	700 949	11-13/32" 290	1/4" NPT	3/8"	6.2 90	125 4.4	96.86	6.17 3.40 7.50 1 / 8	
33621-075	3/4" 19.05	Std. anvil	1" M24	6500	800 1085	8-63/64" 228	1/4" BSPT	3/8"	6.2 90	198 7.0	97.28	6.89 4.50 9.92 1 / 4	
33621-076	3/4" 19.05	Std. anvil	1" M24	6500	800 1085	8-63/64" 228	1/4" NPT	3/8"	6.2 90	198 7.0	97.28	6.89 4.50 9.92 1 / 4	
33622-075	3/4" 19.05	Long anvil	1" M24	6500	800 1085	12-63/64" 330	1/4" BSPT	3/8"	6.2 90	198 7.0	96.68	6.46 5.00 11.02 1 / 4	
33622-076	3/4" 19.05	Long anvil	1" M24	6500	800 1085	12-63/64" 330	1/4" NPT	3/8"	6.2 90	198 7.0	96.68	6.46 5.00 11.02 1 / 4	

Composite Impact Wrench



Please wear proper safety gear while working.

33481

33681

New Twin Hammer

- One-handed F / R control
- 4-speed power setting, full speed in reverse
- TPR ergonomic handle material reduces vibration



lightweight
20% - 48%



33481



33681



KT NO.	Square drive		Type Std./Long anvil	Std. Bolt Size		Free Speed R.P.M	Max. Torque		Overall Length		Air Inlet Inch	Air Hose ID	Air Pressure		Avg. Air Consumption		Sound DBA	Vib M/S ²	Net Weight		Icons
	Inch	mm		Inch	mm		ft.lb	Nm	Inch	mm			bar	PSI	L/min	CFM			kgs	lbs	
33481-095	1/2"	17.70	Std. anvil	1"	M24	8000	950	1288	7-3/4"	197	1/4" BSPT	3/8"	6.2	90	190	6.7	96.00	8.10	2.25	4.96	1 / 8
33481-096	1/2"	17.70	Std. anvil	1"	M24	8000	950	1288	7-3/4"	197	1/4" NPT	3/8"	6.2	90	190	6.7	96.00	8.10	2.25	4.96	1 / 8
33681-100	3/4"	19.05	Std. anvil	1-3/16"	M30	8000	1100	1491	8-3/8"	211	1/4" BSPT	3/8"	6.2	90	190	6.7	96.00	8.98	2.35	5.20	1 / 8
33681-101	3/4"	19.05	Std. anvil	1-3/16"	M30	8000	1100	1491	8-3/8"	211	1/4" NPT	3/8"	6.2	90	190	6.7	96.00	8.98	2.35	5.20	1 / 8

33631 / 33632

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust



33631



33632



KT NO.	Square drive		Type Std./Long anvil	Std. Bolt Size		Free Speed R.P.M	Max. Torque		Overall Length		Air Inlet Inch	Air Hose ID	Air Pressure		Avg. Air Consumption		Sound DBA	Vib M/S ²	Net Weight		Icons
	Inch	mm		Inch	mm		ft.lb	Nm	Inch	mm			bar	PSI	L/min	CFM			kgs	lbs	
33631-110	3/4"	19.05	Std. anvil	1-3/16"	M30	5500	1100	1491	8-43/64"	220	3/8" BSPT	1/2"	6.2	90	269	9.5	98.35	5.31	5.60	12.35	1 / 4
33631-111	3/4"	19.05	Std. anvil	1-3/16"	M30	5500	1100	1491	8-43/64"	220	3/8" NPT	1/2"	6.2	90	269	9.5	98.35	5.31	5.60	12.35	1 / 4
33632-110	3/4"	19.05	Long anvil	1-3/16"	M30	5500	1100	1491	14-55/64"	377	3/8" BSPT	1/2"	6.2	90	269	9.5	97.20	7.90	6.04	13.32	1 / 4
33632-111	3/4"	19.05	Long anvil	1-3/16"	M30	5500	1100	1491	14-55/64"	377	3/8" NPT	1/2"	6.2	90	269	9.5	97.20	7.90	6.04	13.32	1 / 4

Impact Wrench

33851 / 33852

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

33841 / 33842



1"
33851



1"
33841



1"
33852



1"
33842



KT NO.	Square drive		Type Std/Long anvil	Std. bolt size		Free speed R.P.M	Max. torque		Overall length		Air inlet inch	Air hose ID	Air pressure bar PSI	Avg. air consumption		Sound DBA	Vib M/S ²	Net weight			
	inch	mm		inch	mm		ft.lb	Nm	inch	mm				L/min	CFM			kgs	lbs		
33851-120	1"	25.40	Std. anvil	1-17/64"	M32	5500	1200	1626	8-53/64"	224	3/8" BSPT	1/2"	6.2	90	269	9.5	99.75	6.57	5.64	12.43	1 / 4
33851-121	1"	25.40	Std. anvil	1-17/64"	M32	5500	1200	1626	8-53/64"	224	3/8" NPT	1/2"	6.2	90	269	9.5	99.75	6.57	5.64	12.43	1 / 4
33852-120	1"	25.40	Long anvil	1-17/64"	M32	5500	1200	1626	14-1/64"	356	3/8" BSPT	1/2"	6.2	90	269	9.5	98.00	8.40	6.04	13.32	1 / 4
33852-121	1"	25.40	Long anvil	1-17/64"	M32	5500	1200	1626	14-1/64"	356	3/8" NPT	1/2"	6.2	90	269	9.5	98.00	8.40	6.04	13.32	1 / 4
33841-180	1"	25.40	Std. anvil	1-27/64"	M36	4000	1800	2440	12-3/32"	307	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	101.56	4.37	10.62	23.41	1 / 2
33842-180	1"	25.40	Long anvil	1-27/64"	M36	4000	1800	2440	20-5/64"	510	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	99.85	5.87	12.52	27.60	1 / 2

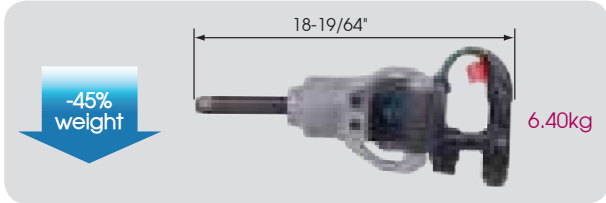
Impact Wrench

33671 / 33672

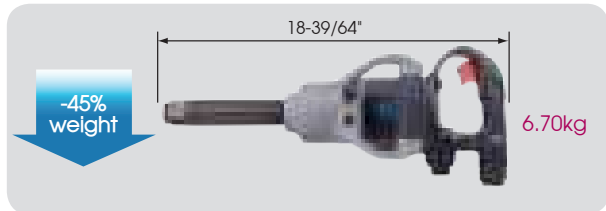
Twin Hammer

- Lightweight durable composite housing
- Nickel chrome molybenum square driver
- Comfortable rubber handle

-10% Length



-10% Length



33871 / 33872



3/4"



33671-160



3/4"



33672-160



1"



33871-160



1"



33872-160



KT NO.	Square drive inch mm	Type Std./Long anvil	Std. Bolt Size inch mm	Free Speed R.P.M	Max. Torque ft.lb Nm	Overall Length inch mm	Air Inlet inch	Air Hose ID	Air Pressure bar PSI	Avg. Air Consumption L/min CFM	Sound DBA	Vib. M/S2	Net Weight kgs lbs	
33671-160	3/4" 19.05	Std. anvil	1-3/16" M30	5500	1600 2170	12-1/2" 318	1/2" BSPT / NPT	3/4"	6.2 90	241 8.5	105.00	15.40	5.70 12.57	1 / 2
33672-160	3/4" 19.05	Long anvil	1-3/16" M30	5500	1600 2170	18-19/64" 465	1/2" BSPT / NPT	3/4"	6.2 90	241 8.5	106.00	13.80	6.40 14.11	1 / 2
33871-160	1" 25.40	Std. anvil	1-3/16" M30	5500	1600 2170	12-45/64" 323	1/2" BSPT / NPT	3/4"	6.2 90	241 8.5	106.00	13.70	5.80 12.79	1 / 2
33872-160	1" 25.40	Long anvil	1-3/16" M30	5500	1600 2170	18-39/64" 473	1/2" BSPT / NPT	3/4"	6.2 90	241 8.5	104.00	14.98	6.70 14.77	1 / 2

Impact Wrench

33811 / 33812

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust

33831 / 33832



1"
33811-150



1"
33812-150



1"
33831-180



1"
33832-180

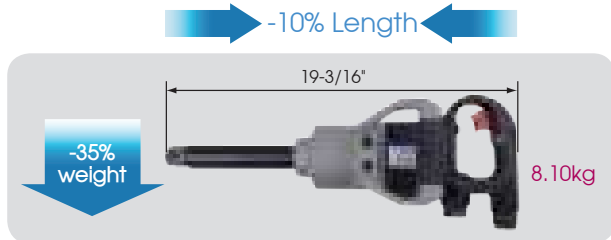
KT NO.	Square drive		Type Std./Long anvil	Std. Bolt Size		Free Speed R.P.M	Max. Torque		Overall Length		Air Inlet Inch	Air Hose ID	Air Pressure		Avg. Air Consumption		Sound DBA	Vib M/S2	Net Weight		
	inch	mm		inch	mm		ft.lb	Nm	inch	mm			bar	PSI	L/min	CFM			kgs	lbs	
33811-150	1"	25.40	Std. anvil	1-1/4"	M36	4000	1500	2033	14-19/32"	371	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	101.17	10.77	10.30	22.71	1 / 1
33812-150	1"	25.40	Long anvil	1-1/4"	M36	4000	1500	2033	20-19/32"	523	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	100.40	6.13	11.30	24.91	1 / 1
33831-180	1"	25.40	Std. anvil	1-1/2"	M38	4000	1800	2440	14-19/32"	371	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	102.11	8.84	11.50	25.35	1 / 1
33832-180	1"	25.40	Long anvil	1-1/2"	M38	4000	1800	2440	20-19/32"	523	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	103.99	6.60	12.50	27.56	1 / 1

Impact Wrench

33861 / 33862

Twin Hammer

- Light weight durable composite housing
- Nickel chrome molybdenum square driver
- Comfortable rubber handle



33861-200



33862-200



KT NO.	Square drive		Type Std./Long anvil	Std. bolt size		Free speed R.P.M.	Max. torque		Overall length		Air inlet inch	Air hose ID	Air pressure		Avg. air consumption		Sound DBA	Vib. M/S ²	Net weight		Icons
	inch	mm		inch	mm		ft.lb	Nm	inch	mm			bar	PSI	L/min	CFM			kgs	lbs	
33861-200	1"	25.40	Std. anvil	1-27/64"	M36	5000	2000	2712	13-43/64"	347	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	106.00	17.20	7.40	16.31	1 / 2
33862-200	1"	25.40	Long anvil	1-27/64"	M36	5000	2000	2712	19-3/16"	487	1/2" BSPT / NPT	3/4"	6.2	90	255	9.0	104.00	14.50	8.10	17.86	1 / 2



Impact Wrench

33851 / 33852

33911 / 33912

33921 / 33922

New Twin Hammer

- Nickel chrome molybdenum square driver
- Variable speed trigger
- Muffled on handle exhaust



KT NO.	Square drive		Type Std./Long anvil	Std. Bolt Size		Free Speed R.P.M.	Max. Torque		Overall Length		Air Inlet Inch	Air Hose ID	Air Pressure bar PSI	Avg. Air Consumption		Sound DBA	Vib M/S ²	Net Weight			
	Inch	mm		Inch	mm		ft.lb	Nm	Inch	mm				L/min	CFM			kgs	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 (0.223 Cuft)

- 5 PC. stubby impact sockets 17~24mm
- 1 PC. impact wrench
- 1 PC. air inlet adaptor

1/2"

7
PC.

KT NO.	Contents		Weight 2.7	Volume 1 / 6
44506MP				
44506MP01					33451-045	4525M
44506MP10		17, 19, 21, 22, 24		

44116MP



Blow case size (mm) :
315 x 250 x 120 (0.334 cuft)

- 10 PC. impact sockets 9~27mm
- 3 PC. thin wall impact sockets 17~21mm
- 1 PC. impact wrench
- 1 PC. extension bar
- 1 PC. universal joint
- 2 PC. ring \varnothing 3.5 x 19mm & \varnothing 3.5 x 23mm
- 2 PC. pin \varnothing 3 x 20 & \varnothing 3 x 25 (6150)
- 1 PC. air inlet adaptor

1/2"

21
PC.

KT NO.	Contents		Weight 6.1	Volume 1 / 4
44116MP		9, 10, 11, 13, 14, 17, 19, 22, 24, 27		
44116MP04					4415M	17, 19, 21
44116MP10				
	90601 90602	 	33411-041	

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 \varnothing 3.5 x 19mm & \varnothing 3.5 x 23mm
- 2 PC. pin \varnothing 3 x 20mm & \varnothing 3 x 25mm (6150)
- 1 PC. air inlet adaptor

1/2"

23
PC.

KT NO.	Contents		Weight 8.4	Volume 1 / 2
44118MP		10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 23, 24, 26, 27		
44118MP04					4260-05
44118MP10	90601 90602	 		

Impact Socket & Wrench Set

44801FMP

new



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

- 12 PC. standard impact socket 10~24mm
- 1 PC. impact wrench
- 3 PC. thin wall impact sockets with plastic sleeve 17~21mm
- 1 PC. extension bar 3" L
- 1 PC. universal joint
- 1 PC. air inlet adapter
- 1 PC. lube

1/2"

20
PC.

KT NO.	Contents	5.79	1 / 4
44801FMP	 4535M 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24	 33481-095	 SY-221M (1/4"BSPT)
44801AMP	 17, 19, 21 4945MX		 SY-211M (1/4"BSPT)
44801BMP	 4260-03P  4797P  LUBE15	 33481-096	 SY-231M (1/4"NPT)

44801FMP01

new













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

- 12 PC. standard impact socket 10~24mm
- 1 PC. impact wrench
- 3 PC. thin wall impact sockets with plastic sleeve 17~21mm
- 1 PC. extension bar 3" L
- 1 PC. universal joint
- 1 PC. air inlet adapter
- 1 PC. lube

1/2"

20
PC.

KT NO.	Contents	6.03	1 / 4
44801FMP01	 4535M 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24	 33431-065	 SY-221M (1/4"BSPT)
44801AMP01	 17, 19, 21 4945MX		 SY-211M (1/4"BSPT)
44801BMP01	 4260-03P  4797P  LUBE15	 33431-066	 SY-231M (1/4"NPT)

Impact Socket & Wrench Set

44802FMP **new**



Blow case size (mm) :
340 x 263 x 80mm (0.253 cuft)

- 11 PC. standard impact socket 10~24mm
- 1 PC. impact wrench
- 1 PC. extension bar
- 1 PC. universal joint
- 1 PC. air inlet adapter
- 1 PC. lube



16
PC.

KT NO.	Contents	Weight 3.9	Volume 1 / 3
44802FMP	 4535M 10, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24,	 33431-050	 SY-221M (1/4"BSPT)
44802AMP	 4260-05P  4796P  LUBE15		 SY-211M (1/4"BSPT)
44802BMP	 SY-231M (1/4"NPT)	 33431-051	

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



14
PC.

KT NO.	Contents	Weight 13.3	Volume 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)

64801FMP **new**



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

- 8 PC. standard impact socket 19~38mm
- 1 PC. impact wrench
- 1 PC. extension bar 7" L
- 1 PC. universal joint
- 1 PC. air inlet adapter
- 1 PC. lube



13
PC.

KT NO.	Contents	Weight 8.48	Volume 1 / 2
64801FMP	 6515M 19, 22, 24, 27, 30	 33681-100	 SY-221M (1/4"BSPT)
64801AMP	 6535M 32, 36, 38		 SY-211M (1/4"BSPT)
64801BMP	 6260-07P  6797P  LUBE15	 33681-101	 SY-231M (1/4"NPT)

Impact Socket & Wrench Set

64115MP



3/4" **18** PC.

Blow case size (mm) :
510 x 390 x 115 (0.822 cuft)

- 12 PC. impact sockets
- 1 PC. impact wrench
- 1 PC. extension bar, 7" L
- 1 PC. universal joint
- 1 PC. ring Ø 5.5 x 37mm
- 1 PC. pin Ø 4.0 x 35mm
- 1 PC. air inlet adaptor

KT NO.	Contents	Weight 13.3	Volume 1 / 2
64115MP	 6535M 24, 26, 27, 29, 30, 32, 33, 34, 35, 36, 38, 41	 33621-075	 SY-221M (1/4"BSPT)
64115MP01	 6260-07  6797		 SY-211M (1/4"BSPT)
64115MP12	 90603  90404	 33621-076	 SY-231M (1/4"NPT)

Super Duty Air Ratchet Wrench

37323

37423



3/8" **37323**

1/2" **37423**



- Ergonomically enhanced composite handle
- 360° exhaust rotation leads the air away from working area
- Unique head design: dust free and prevent deformation and triples the life of parts
- Dual pawl design provides higher torque

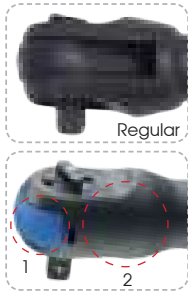


KT NO.	Square drive inch mm	Type Std/Long anvil	Std. bolt size inch mm	Free speed R.P.M	Max. torque ft.lb Nm	Overall length inch mm	Air inlet inch	Air hose ID	Air pressure bar PSI	Avg. air consumption L/min CFM	Sound DBA	Vib M/S2	Net weight kgs lbs	
37323-080	3/8" 9.53	Std. anvil	3/8" M10	280	80 108	11" 279	1/4" BSPT	3/8"	6.2 90	113 4.0	94.00	2.52	1.25 2.76	1 / 12
37323-081	3/8" 9.53	Std. anvil	3/8" M10	280	80 108	11" 279	1/4" NPT	3/8"	6.2 90	113 4.0	94.00	2.52	1.25 2.76	1 / 12
37423-080	1/2" 12.70	Std. anvil	3/8" M10	280	80 108	11" 279	1/4" BSPT	3/8"	6.2 90	113 4.0	93.00	2.07	1.25 2.76	1 / 12
37423-081	1/2" 12.70	Std. anvil	3/8" M10	280	80 108	11" 279	1/4" NPT	3/8"	6.2 90	113 4.0	93.00	2.07	1.25 2.76	1 / 12

Air Ratchet Wrench

37221 / 37321

- Ergonomically enhanced composite handle
- Dual pawl design provides higher torque



- Dust-free design
- Prevents deformation and triples the life of the parts

37334 / 37434



1/4" & 3/8"

37221
37321

3/8" & 1/2"

37334
37434



KT NO.	Square drive		Type Std./Long anvil	Std. bolt size		Free speed R.P.M.	Max. torque		Overall length		Air inlet	Air hose ID	Air pressure bar PSI	Avg. air consumption L/min CFM	Sound DBA	Vib M/S2	Net weight				
	inch	mm		inch	mm		ft.lb	Nm	inch	mm							kgs	lbs			
37221-030	1/4"	6.35	Std. anvil	1/4"	M6	250	30	41	8-1/16"	205	1/4" BSPT	3/8"	6.2	90	79	2.8	86.00	2.32	0.67	1.48	1 / 30
37221-031	1/4"	6.35	Std. anvil	1/4"	M6	250	30	41	8-1/16"	205	1/4" NPT	3/8"	6.2	90	79	2.8	86.00	2.32	0.67	1.48	1 / 30
37321-050	3/8"	9.53	Std. anvil	5/16"	M8	270	50	68	8-1/16"	205	1/4" BSPT	3/8"	6.2	90	79	2.8	93.00	2.26	0.67	1.48	1 / 30
37321-051	3/8"	9.53	Std. anvil	5/16"	M8	270	50	68	8-1/16"	205	1/4" NPT	3/8"	6.2	90	79	2.8	93.00	2.26	0.67	1.48	1 / 30
37334-080	3/8"	9.53	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" BSPT	3/8"	6.2	90	127	4.5	93.00	3.58	1.25	2.76	1 / 10
37334-081	3/8"	9.53	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" NPT	3/8"	6.2	90	127	4.5	93.00	3.58	1.25	2.76	1 / 10
37434-080	1/2"	12.70	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" BSPT	3/8"	6.2	90	127	4.5	92.00	3.91	1.26	2.78	1 / 10
37434-081	1/2"	12.70	Std. anvil	3/8"	M10	210	80	108	10-39/64"	268	1/4" NPT	3/8"	6.2	90	127	4.5	92.00	3.91	1.26	2.78	1 / 10

37235 / 37335 / 37435

- Working around tightly packed engines, machinery and equipment



3/8"

37335



1/4" & 3/8"

37235
37335



1/2"

37435



KT NO.	Square drive		Free Speed R.P.M.	Max. Torque		Overall Length		Air inlet	Air Hose ID	Air Pressure bar PSI	Avg. Air Consumption L/min CFM	Sound DBA	Vib M/S2	Net Weight				
	inch	mm		ft.lb	Nm	inch	mm							kgs	lbs			
37235-030	1/4"	6.35	230	30	41	6-1/8"	155	1/4" BSPT	3/8"	6.2	90	71	2.5	92.00	10.50	0.49	1.08	1 / 20
37235-031	1/4"	6.35	230	30	41	6-1/8"	155	1/4" NPT	3/8"	6.2	90	71	2.5	92.00	10.50	0.49	1.08	1 / 20
new 37335-030	3/8"	9.53	230	30	41	6-1/8"	155	1/4" BSPT	3/8"	6.2	90	71	2.5	92.00	10.50	0.49	1.08	1 / 20
37335-075	3/8"	9.53	200	75	102	10-1/4"	260	1/4" BSPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20
37335-076	3/8"	9.53	200	75	102	10-1/4"	260	1/4" NPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20
37435-075	1/2"	12.70	200	75	102	10-1/4"	260	1/4" BSPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20
37435-076	1/2"	12.70	200	75	102	10-1/4"	260	1/4" NPT	3/8"	6.2	90	113	4.0	92.00	10.50	1.20	2.64	1 / 20

Impact Screwdriver

3311

Twin Dog



1/4"

3311

3312

Twin Pinless Clutch



1/4"

3312



KT NO.	Collect Size		Std. bolt size		Free speed R.P.M	Max. torque		Overall length		Air inlet Inch	Air hose ID	Air pressure bar PSI	Avg. air consumption L/min CFM	Sound DBA	Vib M/S ²	Net weight				
	Inch	mm	Inch	mm		ft.lb	Nm	inch	mm							kgs	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



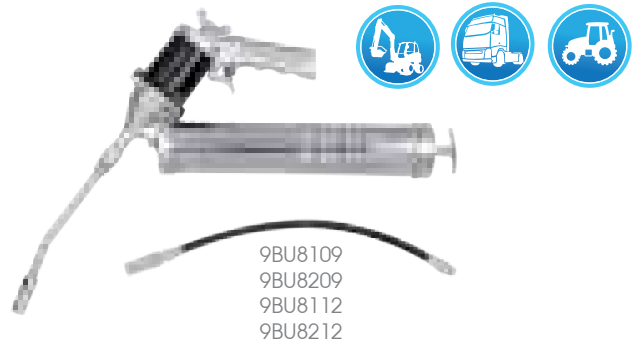
KT NO.	Air Inlet (Inch) 	Screw Thread	Air Source Range		Recommended Air Source		Capacity				
			input (psi/bar)	output (psi/bar)	input (psi/bar)	output (psi/bar)	c.c.	oz			
9BV1410	1/4" BSPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10	
9BV1420	1/4" BSPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10	
9BV1411	1/4" NPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10	
9BV1421	1/4" NPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10	

9BV1410 / 9BV1411 For general market except North America, Germany, South Africa, Egypt
 9BV1420 / 9BV1421 For Germany, South Africa, Egypt, etc.

Continuous Flow Air Grease Gun with 12" Tube

9BV14T

- Ideal for machine, automobile, farm and garden equipments, vehicles etc.
- 360° rotating handle



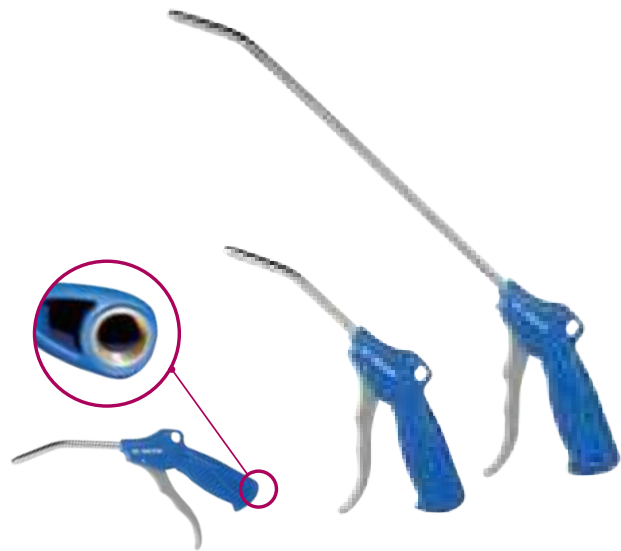
KT NO.	Air Inlet (Inch)	Screw Thread	Air Source Range		Recommended Air Source Input (psi/bar)	Air Source output (psi/bar)	Capacity c.c.	oz	Kg	Box
			input (psi/bar)	output (psi/bar)						
9BV1410T	1/4" BSPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1420T	1/4" BSPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1411T	1/4" NPT	1/8" x 28 PT	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BV1421T	1/4" NPT	10 x 1.0 Mertric	60~150 psi (4.2~10.3 bar)	2400~6000 psi (165~412 bar)	90 psi (6.2 bar)	3600 psi (250 bar)	400	14	1.7	1 / 10
9BU8109	9" length	1/8" x 28 PT								
9BU8209	9" length	10 x 1.0 Mertric								
9BU8112	12" length	1/8" x 28 PT								
9BU8212	12" length	10 x 1.0 Mertric								

9BV1410T / 9BV1411T For general market except North America, Germany, South Africa, Egypt
 9BV1420T / 9BV1421T For Germany, South Africa, Egypt, etc.

Air Blow Gun

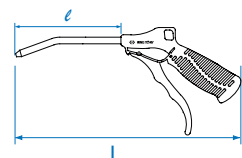
7990

- Ideal for cleaning
- Steel nozzle & nylon fiber handle
- Air pressure: 90 PSI recommended
- Air consumption: 1/4" hose-13cfm-350l/min, 3/8" hose-15cfm-430l/min
- Sound pressure: 85~90 dB
- Working pressure: 75~120 PSI/5.0~8.0 kgs
- Max pressure: 200 PSI/ 15 kgs



Copper Thread

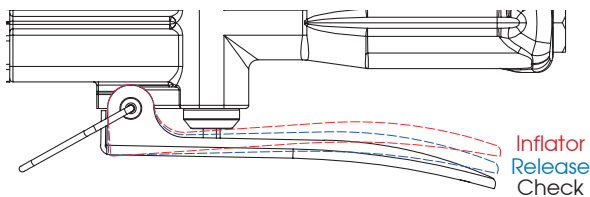
KT NO.	Air Inlet Inch	ℓ		L (mm)	Kg	Box
		Inch	mm			
79900-04	BSPT	4	100	245	200	20 / 100
79900-10	BSPT	10	250	420	240	25 / 50
79900-13	BSPT	13	330	475	260	25 / 50
79900-20	BSPT	20	500	650	300	25 / 50
79901-04	NPT	4	100	245	200	20 / 100
79901-10	NPT	10	250	420	240	25 / 50
79901-13	NPT	13	330	475	260	25 / 50
79901-20	NPT	20	500	650	300	25 / 50



3-In-1 Inflator

9BM

- Diaphragm pressure gauge
- Accuracy: ANSI B40.100 $\pm 3\% \sim \pm 2\% \sim \pm 3\%$
- 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



KT NO.	Pressure range (Psi)	Air Inlet (BSPT/NPT)	L (mm)		Air hose (ID)	g	/
			L1	L2			
9BM2110	160	1/4" BSPT	∅13 x 400	180	3/8"	500	1 / 12
9BM2111	160	1/4" NPT	∅13 x 400	180	3/8"	500	1 / 12
9BM2210	220	1/4" BSPT	∅13 x 400	180	3/8"	520	1 / 12
9BM2211	220	1/4" NPT	∅13 x 400	180	3/8"	520	1 / 12
9BM2210A	220	1/4" BSPT	∅13 x 400	180	3/8"	600	1 / 12
9BM2211A	220	1/4" NPT	∅13 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		Maximum Pressure		Type	Male PT Fitting (Inch)	Weight		
				(PSI)	(bar)	(PSI)	(bar)			(kgs)	(lbs)	
79953-10	8	12	10	108	7.4	320	22.2	-	1/4" BSPT	0.80	1.76	1 / 20
79953-15	8	12	15	108	7.4	320	22.2	-	1/4" BSPT	1.30	2.87	1 / 16
79960-10	8	12	10	160	11.0	640	44.1	Asian	-	0.93	2.05	1 / 20
79960-15	8	12	15	160	11.0	640	44.1	Asian	-	1.31	2.87	1 / 16
79960-20	8	12	20	160	11.0	640	44.1	Asian	-	1.66	3.64	1 / 16
79962-10	8	12	10	160	11.0	640	44.1	EU	-	0.92	2.02	1 / 20
79962-15	8	12	15	160	11.0	640	44.1	EU	-	1.31	2.87	1 / 16
79962-20	8	12	20	160	11.0	640	44.1	EU	-	1.72	3.78	1 / 16

Air Hose Reel

7991

- Automatic rewind with SK 5-spring steel spring
- 16 teeth gear-stop ensures safety
- 300 PSI working pressure allowed
- Sturdy structure with 0.7mm thick steel rail stored in iron case
- Replaceable air house design & hanging rack



Do not pull the air hose when seeing tag



- Pull the air hose to the end till it shows joint replacement



- Install new air hose



- Dismantle connection



- 16 teeth gear design can spread stress evenly and stop returning

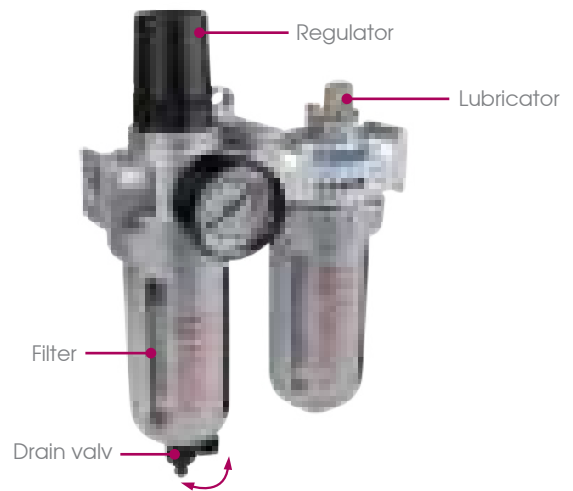
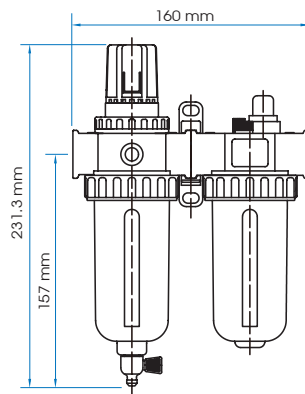
1 Bar = 1.01972 kgf/cm²
1 Bar = 14.5036 PSI

KT NO.	Hose I.D. mm	Hose O.D. mm	Hose length (M)	Type	Air Inlet / outlet inch	Working pressure psi		
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 Capacity (ml)	Air Inlet (inch)	Weight (Kgs)	Weight (lbs)	1 / 12
799A0-23C	1/4"	5	215	7~150	1750	5 ~ 60	80	150	1/4" BSPT	1.00	2.20	1 / 12
799A1-23C	1/4"	5	215	7~150	1750	5 ~ 60	80	150	1/4" NPT	1.00	2.20	1 / 12
799A0-33C	3/8"	5	215	7~150	2500	5 ~ 60	80	150	1/4" BSPT	1.00	2.20	1 / 12
799A1-33C	3/8"	5	215	7~150	2500	5 ~ 60	80	150	1/4" NPT	1.00	2.20	1 / 12
new 799A0-43C	1/2"	5	215	7~150	3000	5 ~ 60	80	150	1/4" BSPT	1.00	2.20	1 / 12
new 799A1-43C	1/2"	5	215	7~150	3000	5 ~ 60	80	150	1/4" NPT	1.00	2.20	1 / 12

Impact Wrench Tester

ZV101

- Easy to read LED panel displays reference torque value in lbf-ft, kgf-m, kgf-cm and N-m (selectable)



Specifications:

53.7 1

Applicable Range	180 ft-lb~1180 ft-lb(250 Nm~1600 Nm)
Max. Torque	1450 ft-lb(1950 Nm)
Applicable Size	SQ.DR-1/2"~3/4"
Measuring Direction	Forward
Screw Size	M32
Length x Width	35cm x 30cm

Air Quick Coupler

KT NO.	Size	Type		
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	1/2" hose	European	 82.0	15 / 180
SY-411H			 26.0	10 / 320

1/4" Mini Lubricator

33411-71 **new**



KT NO.	Size		
33411-71	1/4"	90	1 / 150

3 PC. Repair Tools

14103GP

Contents

 0.58  1 / 20

33011 

33012 

33013 

Impact Wrench Holder

9145

- Applied for 1/4" DR. & 3/4" DR. air tools

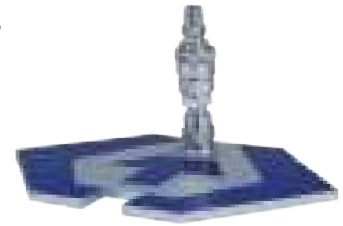


KT NO.	Size	Type		
91451-01A	1/4" x 19 BSPT	European	268.8	1 / 48
91451-01B	1/4" x 18 NPT	American	271.2	1 / 48
91451-01F	1/4" x 19 BSPT	Asian	272.8	1 / 48

87106

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

1.23 1 / 6



9TE31

- Moveable magnetic tool holder with multi-purpose
- Designed for motor repair tools, keeps your work area clean and organized
- 4 PC. super magnets 1,500 gauss with non-sliding rubber can hold up to 7 kgs
- Suitable for air impact wrench, long sockets, impact sockets and torque wrench
- The angle of torque wrench holder can be adjusted



KT NO.	L (Inch)	L (mm)	Capacity (kg)	Capacity (lbs)		
9TE31	14-3/16	360	7	15.4	1.3	1 / 10

PU Working Gloves

9TH31-XL

- Strap design for easy adjustments
- Comfortable and breathable fabric material



KT NO.	Size	Width mm	Overall Length mm		
9TH31-XL	XL	107	235	70	100
9TH31-2L	2L	112	240	70	100

9TH31-2L

Anti-vibration Protective Gloves

9TH21XL

- Protection from repetitive impact and vibration of pneumatic tools
- Magnet in back of glove for storing metal parts and fasteners



KT NO.	Size	Width mm	Overall Length mm		
9TH21XL	XL	112	235	110	100



TORQUE CONTROL & MULTIPLIERS

- Torque Wrench
- Interchangeable Torque Wrench & Accessory
- Electronic Torque Adapter
- Torque Screwdriver
- Torque Angle Gauge & Multiplier
- Torque Tester

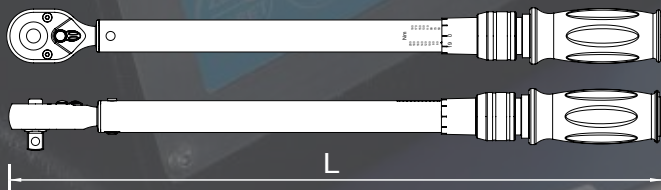
Calibration Instruction And Reminder of Torque Wrench

In test conditions, the torque wrench should remain within the tolerances laid down by DIN ISO 6789:2017 & ASME B107.300-2010 for 5000 cycles. Practically, this may be affected and changed by ingress of dust, causing wear, or by damage caused by using the tool improperly such as to loosen fasteners or being dropped regularly.

Assuming the users are trained to use the torque wrenches, and follow the provided comments of instruction, a period of twelve months is reasonable for torque wrenches used in non safety critical areas.

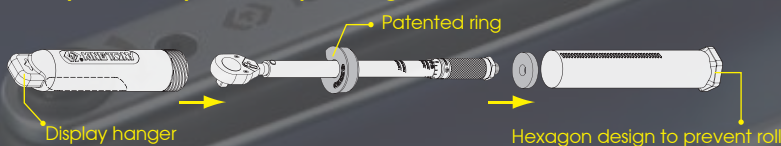
For those tools used in critical applications, a three month or even monthly check would be suggested.

Calibration Certificate



1 Nm = 0.738 ft.lb. = 0.102 kgf.m
 1 ft.lb. = 1.356 Nm = 0.138 kgf.m
 1 in.lb. = 0.113 Nm = 1.152 kgf.cm

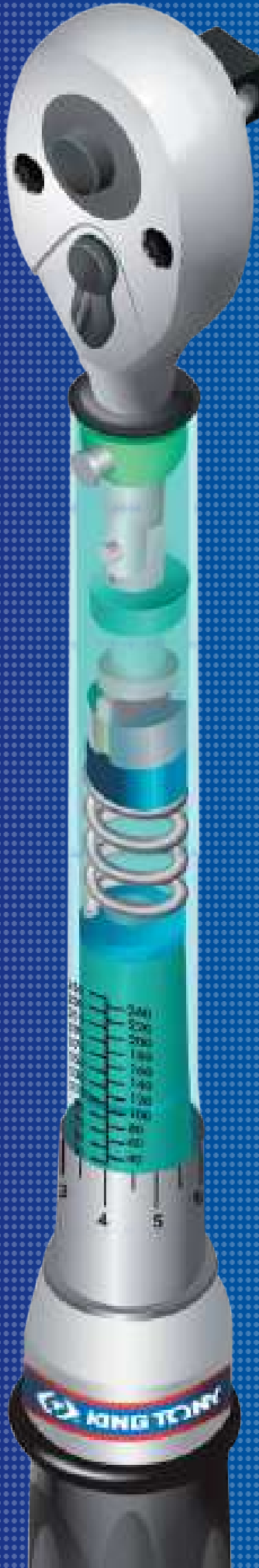
Recyclable cylindrical package





Master Torque Control

62 SERIES



Quick:

- Quick release and fine tooth gears design increases efficiency for safety tightening



Sound:

- Click sound and vibration reminds operator to stop in correct torque



Lubricant:

- Apply top industrial level lubricant to reduce friction and keep performance in good condition much longer



Spring:

- Made of high quality alloy steel to offer extended working cycles



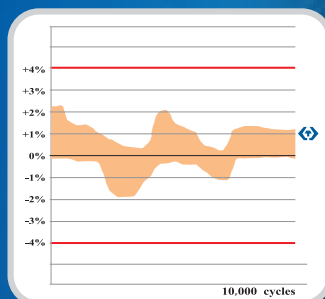
Frame:

- Hardened tube provides extreme durability against friction to assure precision of tolerance

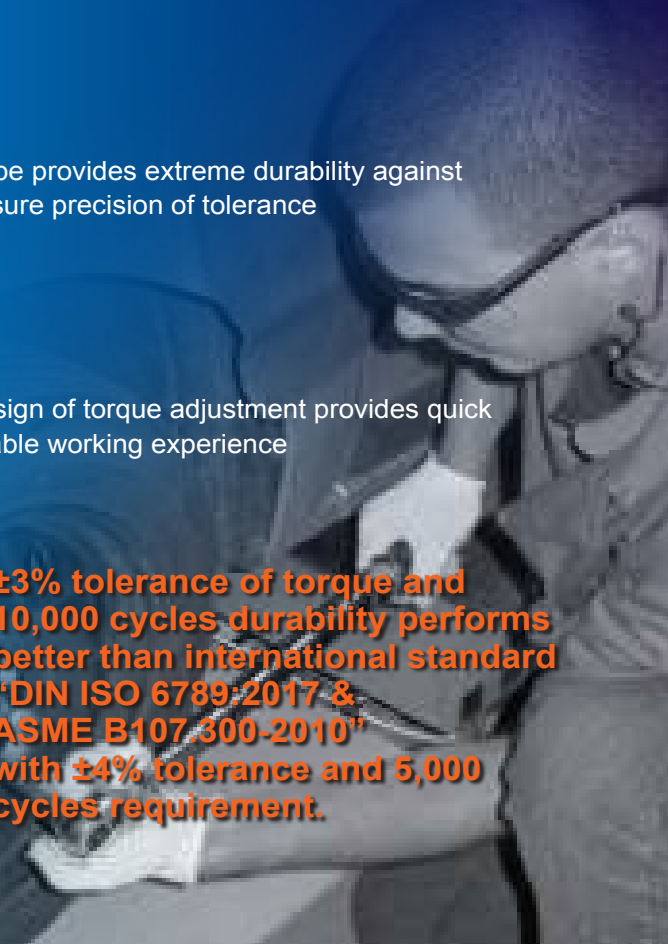


Easy:

- Auto lock design of torque adjustment provides quick and comfortable working experience



• **±3% tolerance of torque and 10,000 cycles durability performs better than international standard "DIN ISO 6789-2017 & ASME B107.300-2010" with ±4% tolerance and 5,000 cycles requirement.**



Heavy Duty Adjustable Torque Wrench

Design for easy torque adjustment

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010

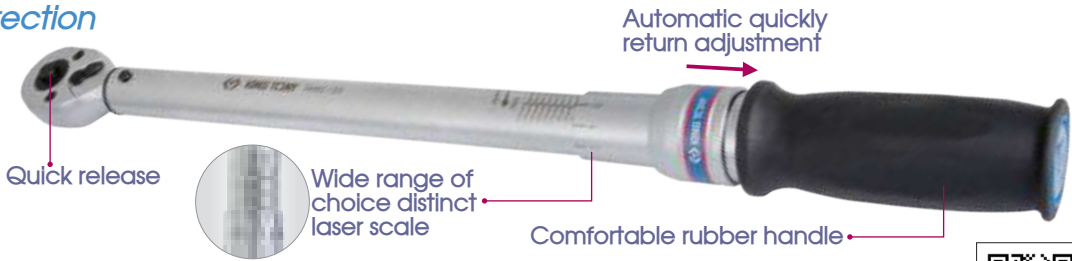
Tolerance of torque $\pm 3\%$ (CW)

CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
 1 ft.lb. = 1.356 Nm = 0.138 kgf.m
 1 in.lb. = 0.113 Nm = 1.152 kgf.cm



3/4" & 1" No Push



Video QR Code

Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm)

KT NO.	Gear teeth	Square drive	Torque range in. lb. / ft. lb.	Incr.	Torque range Nm	Incr.	Overall length mm		
34262-1CG	24	1/4"	40~200 in.lb.	1 in.lb.	5.1~22.0 Nm	0.12 Nm	324	640	1 / 12
34362-1CG	24	3/8"	40~200 in.lb.	1 in.lb.	5.1~22.0 Nm	0.12 Nm	324	640	1 / 12
34362-2CG	32	3/8"	15~80 ft.lb.	0.5 ft.lb.	23.7~105.1 Nm	0.7 Nm	435	1300	1 / 12
34462-1CG	32	1/2"	20~150 ft.lb.	1 ft.lb.	34~197 Nm	1.4 Nm	521	1590	1 / 12
34462-2CG	32	1/2"	50~250 ft.lb.	1 ft.lb.	75~332 Nm	1.4 Nm	613	1810	1 / 12
34662-1CG	24	3/4"	100~450 ft.lb.	5 ft.lb.	169~576 Nm	6.8 Nm	1048	5500	1 / 2
34662-2CG	24	3/4"	100~600 ft.lb.	5 ft.lb.	169~779 Nm	6.8 Nm	1234	5600	1 / 2
34662-3CG	24	3/4"	150~750 ft.lb.	5 ft.lb.	237~983 Nm	6.8 Nm	1238	6150	1 / 2
34862-1CG	24	1"	150~750 ft.lb.	5 ft.lb.	237~983 Nm	6.8 Nm	1238	6150	1 / 2

Single scale - Newton Meter (Nm)

KT NO.	Gear teeth	Square drive	Torque range Nm	Incr.	Overall length mm		
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



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.

CAUTION

- 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		
34262-1EG	24	1/4"	40~200 in.lb.	1 in.lb.	324	640	1 / 12
34362-1EG	24	3/8"	40~200 in.lb.	1 in.lb.	324	640	1 / 12
34362-2EG	32	3/8"	15~80 ft.lb.	0.5 ft.lb.	435	1300	1 / 12
34462-1EG	32	1/2"	20~150 ft.lb.	1 ft.lb.	521	1590	1 / 12
34462-2EG	32	1/2"	50~250 ft.lb.	1 ft.lb.	613	1810	1 / 12
34662-1EG	24	3/4"	100~450 ft.lb.	5 ft.lb.	1048	5500	1 / 2
34662-2EG	24	3/4"	100~600 ft.lb.	5 ft.lb.	1234	5600	1 / 2
34662-3EG	24	3/4"	150~750 ft.lb.	5 ft.lb.	1238	6150	1 / 2
34662-4EG	24	3/4"	60~300 ft.lb.	2 ft.lb.	614	1800	1 / 12
34862-1EG	24	1"	150~750 ft.lb.	5 ft.lb.	1238	6150	1 / 2

Dual Scale - Newton Meter & English (Nm & ft.lb.)

KT NO.	Gear teeth	Square drive	Torque range Nm	Incr.	Torque range ft. lb.	Incr.	Overall length mm		
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		
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.cm	22.1~95.6 Nm	4.9 Nm	436	1470	1 / 12
34662-1GG	24	3/4"	10~60 Kgf.m	0.5 Kgf.m	123~564 Nm	4.9 Nm	1048	5500	1 / 2
34662-2GG	24	3/4"	15~80 Kgf.m	0.5 Kgf.m	172~760 Nm	4.9 Nm	1234	5600	1 / 2
34662-3GG	24	3/4"	20~100 Kgf.m	0.5 Kgf.m	221~956 Nm	4.9 Nm	1238	6150	1 / 2
34862-1GG	24	1"	20~100 Kgf.m	0.5 Kgf.m	221~956 Nm	4.9 Nm	1238	6150	1 / 2



Heavy Duty Adjustable Torque Wrench

Design for easy torque adjustment

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010

Tolerance of torque $\pm 3\%$ (CW)

CW/CCW Direction

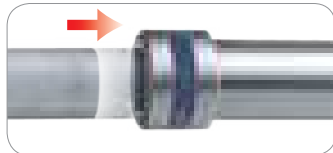


1 Nm = 0.738 ft.lb. = 0.102 kgf.m
 1 ft.lb. = 1.356 Nm = 0.138 kgf.m
 1 in.lb. = 0.113 Nm = 1.152 kgf.cm

34862-2CF, 34862-2DF
 34862-2EF, 34862-2FF



34862-2CG, 34862-2DG
 34862-2EG, 34862-2FG
 34862-2GG



In order to ensure correct torque the extension bar must be used



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



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

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

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

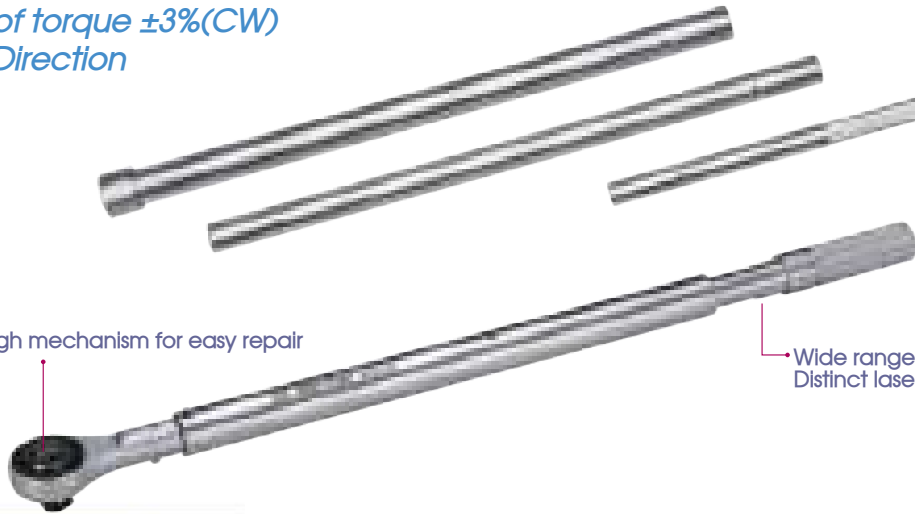
Design for easy torque adjustment

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010

Tolerance of torque $\pm 3\%$ (CW)

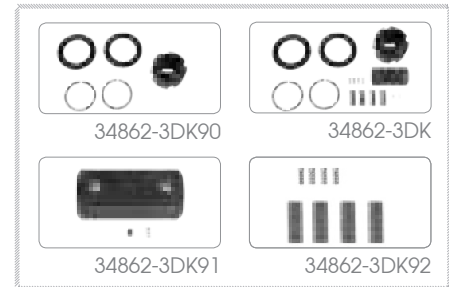
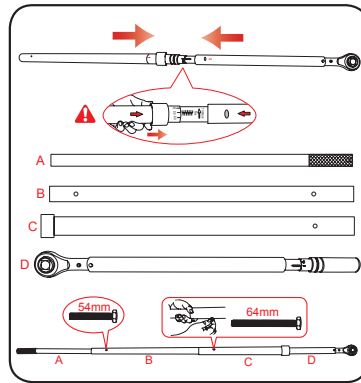
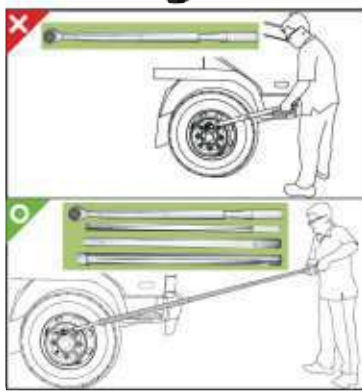
CW/CCW Direction

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



1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

Dual Scale - English & Newton Meter (in.lb. / ft.lb. & Nm)

KT NO.	Square drive	Torque range ft.lb.	Incr.	Torque range Nm	Incr.	Overall length mm		
34862-3CF	1"	400~2000 ft.lb.	10 ft.lb.	610~2644 Nm	13.55 Nm	2755	23990	1 / 1
KT NO.	Square drive	Torque range Nm	Incr.	Torque range ft.lb.	Incr.	Overall length mm		
34862-3FF	1"	500~2500 Nm	14.77 ft.lb.	443~1771 ft.lb.	20 Nm	2755	25380	1 / 1

Heavy Duty Mini-type Torque Wrench

Industrial application

Quality accords to DIN ISO 6789:2017 &

ASME B107.300-2010 Tolerance of torque

$\pm 3\%$ (CW)

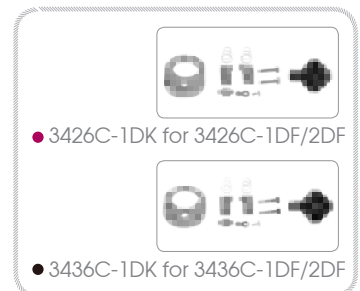
CW/CCW Direction



Quick release



Automatic quickly return adjustment



Single scale - Newton Meter (Nm)

KT NO.	Square drive	Torque range Nm	Incr.	Overall length mm		
● 3426C-1DF	1/4"	3~15 Nm	0.1 Nm	211	330	24
● 3426C-2DF	1/4"	5~25 Nm	0.2 Nm	249	430	24
● 3436C-1DF	3/8"	3~15 Nm	0.1 Nm	211	450	24
● 3436C-2DF	3/8"	5~25 Nm	0.2 Nm	249	550	24

Heavy Duty 72 Teeth Adjustable Torque Wrench

Colorful quick release button design

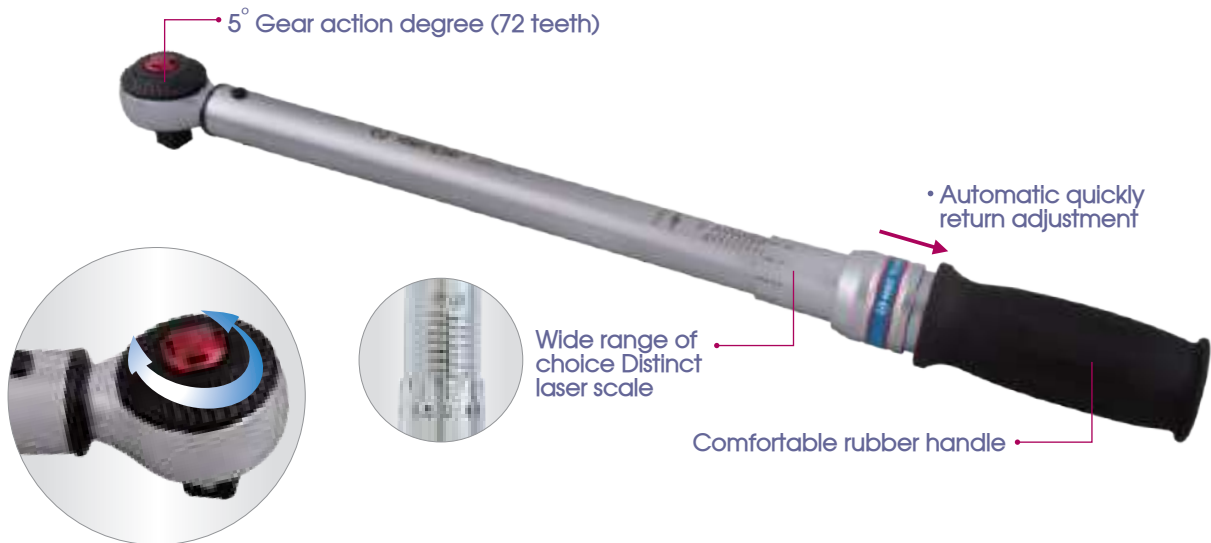
Fixed head version allows using in narrow spaces

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010

Tolerance of torque $\pm 3\%$ (CW)

CW/CCW Direction

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
 1 ft.lb. = 1.356 Nm = 0.138 kgf.m
 1 in.lb. = 0.113 Nm = 1.152 kgf.cm

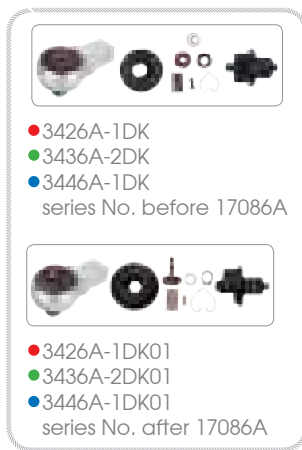


Single scale - Newton Meter (Nm)

KT NO.	Square drive	Torque range Nm	Incr.	Overall length mm			
● 3426A-1DG	1/4"	2~10 Nm	0.1 Nm	285	560	1 / 24	
● 3426A-2DG	1/4"	4~20 Nm	0.1 Nm	325	640	1 / 24	
● 3436A-2DG	3/8"	20~100 Nm	0.5 Nm	430	1300	1 / 12	
● 3446A-1DG	1/2"	40~200 Nm	1 Nm	490	1460	1 / 12	
● 3446A-2DG	1/2"	60~340 Nm	2 Nm	590	1750	1 / 12	

Single scale - English (in.lb./ft.lb.)

KT NO.	Square drive	Torque range in. lb. / ft. lb.	Incr.	Overall length mm			
● 3426A-1EG	1/4"	20~100 in.lb.	1 in.lb.	285	560	1 / 24	
● 3426A-2EG	1/4"	40~200 in.lb.	1 in.lb.	325	640	1 / 24	
● 3436A-2EG	3/8"	15~80 ft.lb.	0.5 ft.lb.	430	1300	1 / 12	
● 3446A-1EG	1/2"	20~150 ft.lb.	1 ft.lb.	490	1460	1 / 12	
● 3446A-2EG	1/2"	50~250 ft.lb.	1 ft.lb.	590	1750	1 / 12	



1. Do not use this torque wrench over its scale range.
2. Do not use this torque wrench as a normal hand tool.
3. Torque wrench need to be calibrated periodically for accuracy.

Heavy Duty Interchangeable Torque Wrench

Using standard insert head

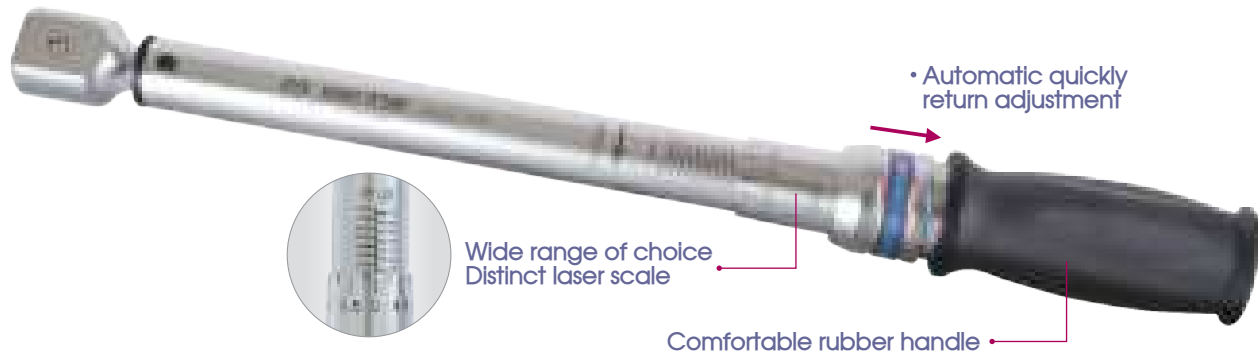
Positive button design which removes the insert head easily

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010



Tolerance of torque $\pm 3\%$ (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		
34512-1CG	9 x 12	20~100 in.lb.	1 in.lb.	2.8~10.7 Nm	0.12 Nm	261	510	1 / 12
34512-2CG	9 x 12	40~200 in.lb.	1 in.lb.	5.1~22.0 Nm	0.12 Nm	306	590	1 / 12
34512-3CG	9 x 12	15~80 ft.lb.	0.5 ft.lb.	23.7~105.1 Nm	0.7 Nm	430	1270	1 / 12
34522-1CG	14 x 18	15~80 ft.lb.	0.5 ft.lb.	23.7~105.1 Nm	0.7 Nm	430	1270	1 / 12
34522-2CG	14 x 18	20~150 ft.lb.	1 ft.lb.	34~197 Nm	1.4 Nm	485	1410	1 / 12
34522-3CG	14 x 18	50~250 ft.lb.	1 ft.lb.	75~332 Nm	1.4 Nm	580	1590	1 / 12



Single scale - Newton Meter (Nm)

KT NO.	Size mm	Torque range Nm	Incr.	Overall length mm		
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		
34512-1EG	9 x 12	20~100 in.lb.	1 in.lb.	261	510	1 / 12
34512-2EG	9 x 12	40~200 in.lb.	1 in.lb.	306	590	1 / 12
34512-3EG	9 x 12	15~80 ft.lb.	0.5 ft.lb.	430	1270	1 / 12
34522-1EG	14 x 18	15~80 ft.lb.	0.5 ft.lb.	430	1270	1 / 12
34522-2EG	14 x 18	20~150 ft.lb.	1 ft.lb.	485	1410	1 / 12
34522-3EG	14 x 18	50~250 ft.lb.	1 ft.lb.	580	1590	1 / 12

Dual Scale - Newton Meter & English (Nm & ft.lb.)

KT NO.	Size mm	Torque range Nm	Incr.	Torque range ft. lb.	Incr.	Overall length mm		
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



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	kg
● 34503102R	1/4"DR	9 x 12	17	46	71	12 / 192
● 34503103R	3/8"DR	9 x 12	17.6	48.8	106	10 / 160
● 34503104R	1/2"DR	9 x 12	25	60	234	6 / 96

345032

• Chrome plated





- 3436A-2DK
- 3446A-1DK

series No. before 17086A



- 3436A-2DK01
- 3446A-1DK01
- 3466A-1DK01

series No. before 17086A



- 3466A-1DK

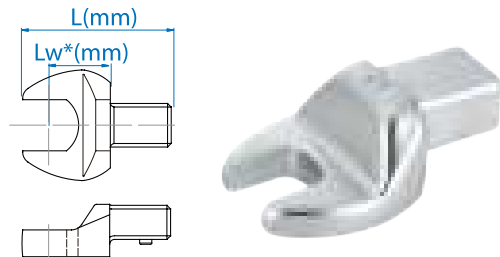
series No. before 17086A

KT NO.	Size	mm	Lw* mm	L mm	g	kg
● 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	kg
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	kg
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

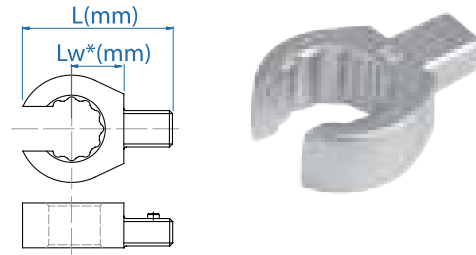
Insert Tool

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		
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

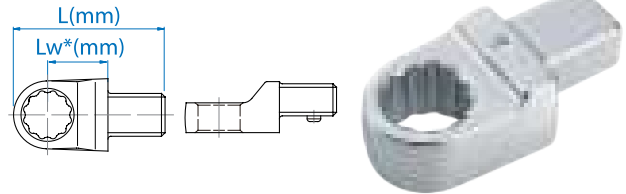




345021

• Chrome plated

▪ Ring insert tool



KT NO.	Size mm	mm	Lw* mm	L mm		
34502107M	7	9 x 12	17.5	39	37	12 / 288
34502108M	8	9 x 12	17.5	40	36	12 / 288
34502110M	10	9 x 12	17.5	41	39	12 / 288
34502111M	11	9 x 12	17.5	43	42	12 / 288
34502112M	12	9 x 12	17.5	43	51	12 / 288
34502113M	13	9 x 12	17.5	44	51	12 / 288
34502114M	14	9 x 12	17.5	45	52	12 / 288
34502115M	15	9 x 12	17.5	45	53	12 / 288
34502116M	16	9 x 12	17.5	46	56	12 / 288
34502117M	17	9 x 12	17.5	47	55	12 / 192
34502118M	18	9 x 12	17.5	47	60	12 / 192
34502119M	19	9 x 12	17.5	49	63	12 / 192
34502121M	21	9 x 12	17.5	50	68	12 / 192
34502122M	22	9 x 12	17.5	51	70	12 / 192

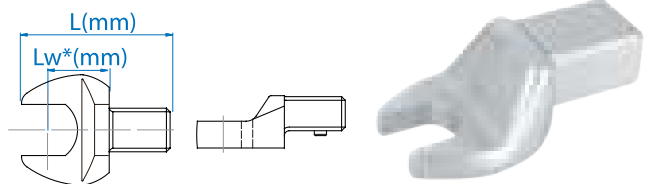




KT NO.	Size inch	mm	Lw* mm	L mm		
34502108S	1/4	9 x 12	17.5	39	38	12 / 288
34502110S	5/16	9 x 12	17.5	40	37	12 / 288
34502112S	3/8	9 x 12	17.5	41	42	12 / 288
34502114S	7/16	9 x 12	17.5	43	41	12 / 288
34502116S	1/2	9 x 12	17.5	43	52	12 / 288
34502118S	9/16	9 x 12	17.5	45	53	12 / 288
34502120S	5/8	9 x 12	17.5	46	58	12 / 288
34502122S	11/16	9 x 12	17.5	47	62	12 / 192
34502124S	3/4	9 x 12	17.5	49	62	12 / 192
34502126S	13/16	9 x 12	17.5	50	72	12 / 192
34502128S	7/8	9 x 12	17.5	51	69	12 / 192

345012

• Chrome plated

KT NO.	Size mm	mm	Lw* mm	L mm		
34501213M	13	14 x 18	25	58	117	12 / 192
34501214M	14	14 x 18	25	58	120	12 / 192
34501215M	15	14 x 18	25	58	116	12 / 192
34501216M	16	14 x 18	25	59	127	10 / 160
34501217M	17	14 x 18	25	60	138	10 / 160
34501218M	18	14 x 18	25	60	136	10 / 160
34501219M	19	14 x 18	25	61	140	10 / 160
34501221M	21	14 x 18	25	61	160	6 / 96
34501222M	22	14 x 18	25	62	162	6 / 96
34501223M	23	14 x 18	25	62	163	6 / 96
34501224M	24	14 x 18	25	63	168	6 / 96
34501225M	25	14 x 18	25	69	180	6 / 96
34501226M	26	14 x 18	30	69	210	6 / 96
34501227M	27	14 x 18	32.5	69	239	6 / 96
34501230M	30	14 x 18	32.5	70	249	6 / 96
34501232M	32	14 x 18	32.5	73	248	6 / 72
34501234M	34	14 x 18	32.5	74	252	6 / 72
34501236M	36	14 x 18	32.5	75	244	6 / 72
34501238M	38	14 x 18	32.5	74	229	6 / 72
34501240M	40	14 x 18	37	80	280	6 / 72
34501241M	41	14 x 18	40	80	315	6 / 72



KT NO.	Size inch	mm	Lw* mm	L mm		
34501216S	1/2	14 x 18	25	58	117	12 / 192
34501218S	9/16	14 x 18	25	58	120	12 / 192
34501220S	5/8	14 x 18	25	59	127	10 / 160
34501222S	11/16	14 x 18	25	60	138	10 / 160
34501224S	3/4	14 x 18	25	61	140	10 / 160
34501226S	13/16	14 x 18	25	61	160	6 / 96
34501228S	7/8	14 x 18	25	62	162	6 / 96
34501230S	15/16	14 x 18	25	63	168	6 / 96
34501232S	1	14 x 18	25	69	180	6 / 96
34501236S	1-1/8	14 x 18	32.5	70	249	6 / 96
34501240S	1-1/4	14 x 18	32.5	73	248	6 / 96
34501248S	1-1/2	14 x 18	32.5	74	229	6 / 96

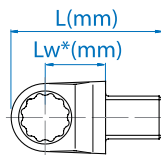


Insert Tool

345022

• Chrome plated

KT NO.	Size mm	mm	Lw* mm	L mm		
34502213M	13	14 x 18	25	62	129	12 / 192
34502214M	14	14 x 18	25	63	132	12 / 192
34502215M	15	14 x 18	25	63	132	12 / 192
34502216M	16	14 x 18	25	63	137	12 / 192
34502217M	17	14 x 18	25	65	141	12 / 192
34502218M	18	14 x 18	25	65	138	10 / 160
34502219M	19	14 x 18	25	66	144	10 / 160
34502221M	21	14 x 18	25	67	151	10 / 160
34502222M	22	14 x 18	25	68	156	6 / 96
34502224M	24	14 x 18	25	69	161	6 / 96
34502227M	27	14 x 18	32.5	78	204	6 / 96
34502230M	30	14 x 18	32.5	79	204	6 / 96
34502232M	32	14 x 18	32.5	81	213	6 / 96
34502234M	34	14 x 18	32.5	82	225	6 / 90
34502236M	36	14 x 18	32.5	83	230	6 / 90
34502241M	41	14 x 18	40	86	235	6 / 90



KT NO.	Size inch	mm	Lw* mm	L mm		
34502216S	1/2	14 x 18	25	62	129	12 / 192
34502218S	9/16	14 x 18	25	63	132	12 / 192
34502220S	5/8	14 x 18	25	63	137	12 / 192
34502224S	3/4	14 x 18	25	66	144	10 / 160

Interchangeable Torque Wrench Set

34510

34520

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
 1 ft.lb. = 1.356 Nm = 0.138 kgf.m
 1 in.lb. = 0.113 Nm = 1.152 kgf.cm



KT NO.	mm	Contents						
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					
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		3.8	1 / 6
345203E11MR		34522-3EG 30~250 ft.lb.	34503204R	1/2" DR		4	1 / 6

Classic Type Adjustable Torque Wrench

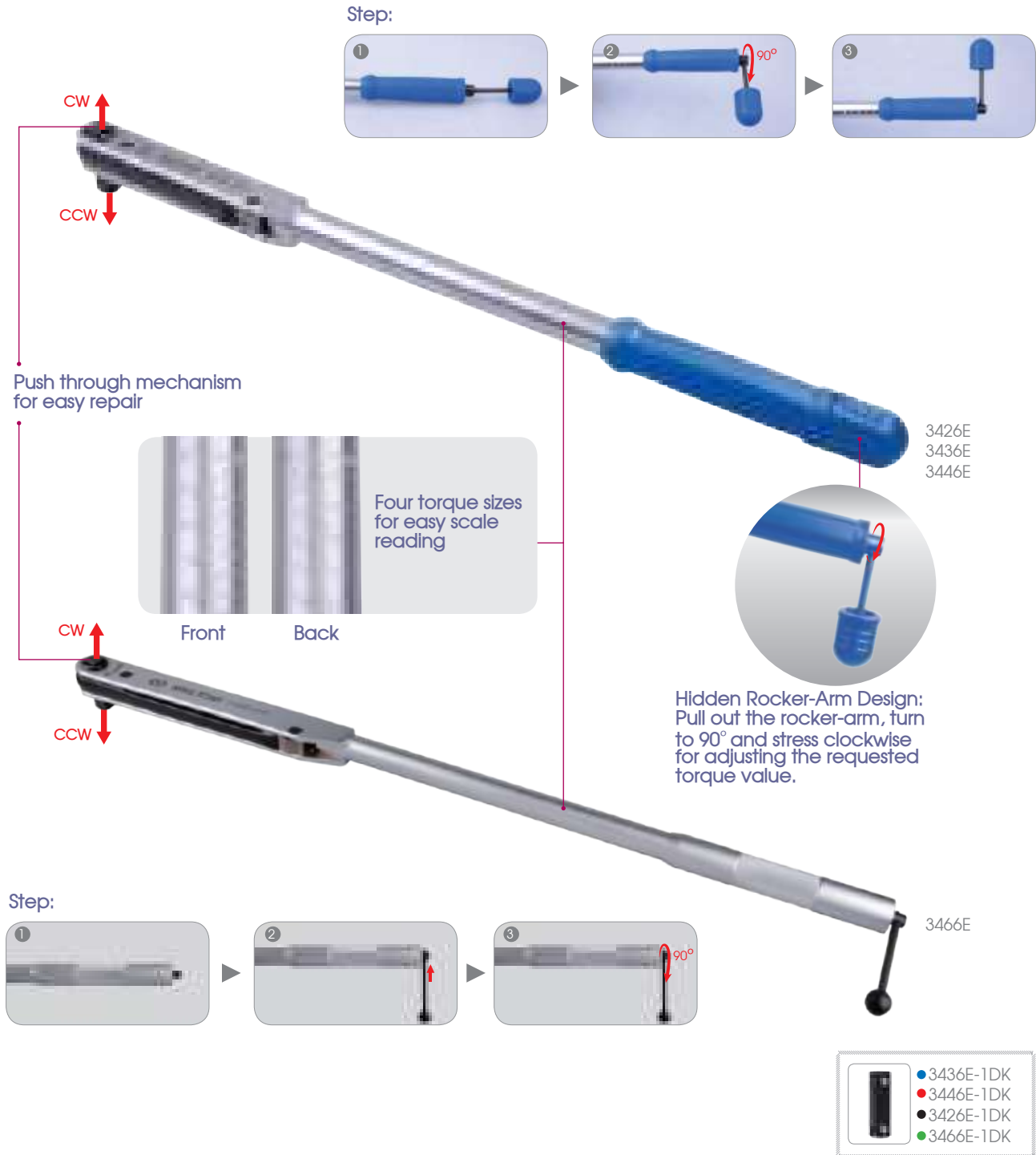
Design for easy torque adjustment

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010

Tolerance of torque $\pm 4\%$ (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						Overall length		Scales	Box	
		Nm	Incr.	ft. lb.	Incr.	in. lb.	Incr.	mm	mm			
● 3426E-1HG	1/4"	2.5~11 Nm	0.5	2~8 ft.lb.	1	20~100 in.lb.	10	300~1200gm	100	352	630	1 / 12
● 3436E-1HG	3/8"	2.5~11 Nm	0.5	2~8 ft.lb.	1	20~100 in.lb.	10	300~1200gm	100	352	740	1 / 12
● 3436E-2HG	3/8"	7~33 Nm	1	5~24 ft.lb.	1	60~300 in.lb.	10	0.7~3.4 kgf.m	0.1	450	870	1 / 12
● 3436E-3HG	3/8"	14~68 Nm	2	10~50 ft.lb.	5	125~600 in.lb.	25	1.4~7 kgf.m	0.2	505	1210	1 / 12
● 3446E-1HG	1/2"	25~135 Nm	5	20~100 ft.lb.	2	200~1200 in.lb.	50	3~14 kgf.m	1	555	1640	1 / 12
● 3446E-2HG	1/2"	50~225 Nm	5	40~160 ft.lb.	5	400~2000 in.lb.	50	5~23 kgf.m	1	590	1710	1 / 12
● 3446E-3HG	1/2"	70~330 Nm	10	50~250 ft.lb.	5	600~3000 in.lb.	100	7~35 kgf.m	1	803	3440	1 / 6
● 3466E-1HG	3/4"	140~560 Nm	10	100~410 ft.lb.	10	1200~5000 in.lb.	100	14~57 kgf.m	1	977	8480	1 / 2
● 3466E-2HG	3/4"	200~800 Nm	20	150~600 ft.lb.	20	1800~7200 in.lb.	200	22~82 kgf.m	2	1033	8860	1 / 2



Click Type Adjustable Torque Wrench

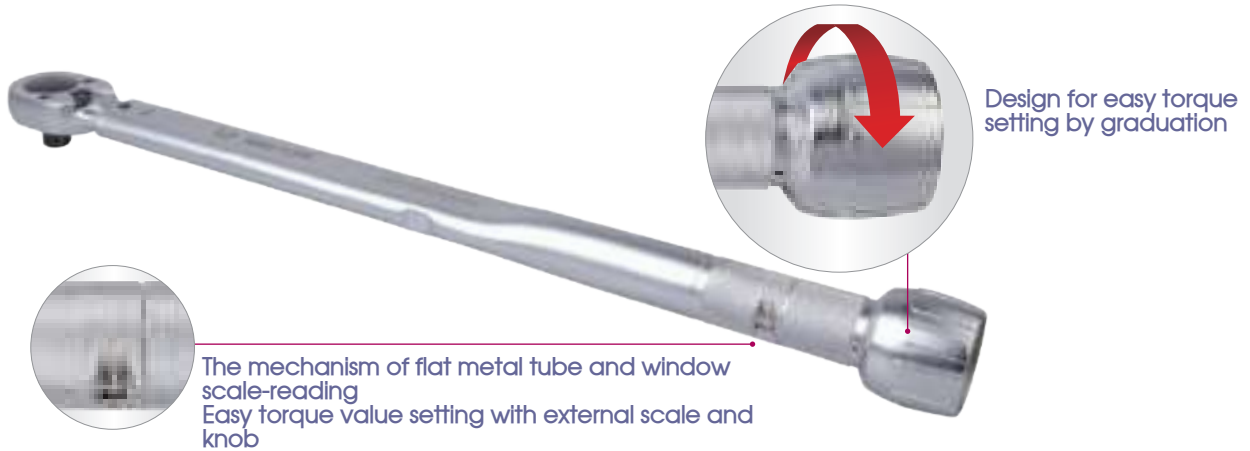
Industrial application with durability

Loud click sound and strong impulse when required torque is reached

Tolerance of torque $\pm 3\%$

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010

Ideal for using on oil, chemical and noisy assembling working field



KT NO.	Gear teeth	Square drive	Torque range kgf.cm	Incr.	Overall length mm		
3432F-1KF	24	3/8"	50-250 kgf.cm	2.5 kgf.cm	240	450	1 / 24
3432F-3KF	24	3/8"	200-1000 kgf.cm	10 kgf.cm	342	800	1 / 12
3442F-1KF	24	1/2"	200-1000 kgf.cm	10 kgf.cm	342	800	1 / 12
3442F-3KF	24	1/2"	400-2000 kgf.cm	20 kgf.cm	498	1500	1 / 12

Adjustable Torque Wrench

Design for easy torque adjustment

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010

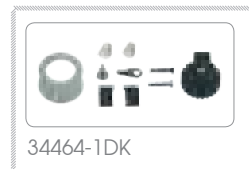
Tolerance of torque $\pm 4\%$ (CW)

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



Dual Scale - Newton Meter & English (Nm / ft.lb.)

KT NO.	Gear teeth	Square drive	Torque range Nm / ft.lb.	Incr.	Overall length mm		
34464-1FG	24	1/2"	40-210 Nm (33.2-151.2 ft.lb.)	1.0 Nm	470	1250	1 / 12
34464-2FG	24	1/2"	70-340 Nm (62.7-239.7 ft.lb.)	3.0 Nm	590	1590	1 / 12

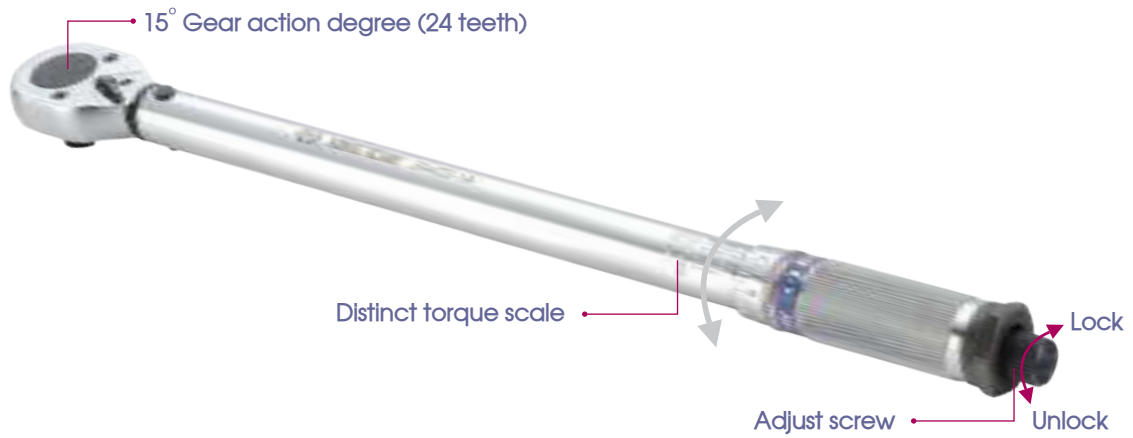
Adjustable Torque Wrench

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010

Tolerance of torque $\pm 4\%$ (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		
● 34223-1A	1/4"	5~25 Nm	0.1 Nm	51~255 kgf.cm	1 kgf.cm	280	595	1 / 12
● 34323-1A	3/8"	5~25 Nm	0.1 Nm	51~255 kgf.cm	1 kgf.cm	280	595	1 / 12
● 34323-2A	3/8"	20~110 Nm	1 Nm	2.04~11.22 kgf.m	0.1 kgf.m	370	820	1 / 12
● 34423-1A	1/2"	42~210 Nm	1 Nm	4.3~21.4 kgf.m	0.41 kgf.m	450	1340	1 / 12
● 34423-2A	1/2"	70~340 Nm	3 Nm	7.1~34.7 kgf.m	0.27 kgf.m	570	2400	1 / 12

Dual Scale - English & Kilogram-force Centimeter / Kilogram-force meter (in.lb. / ft.lb. & kgf.cm / kgf.m)

KT NO.	Square drive	Torque range in. lb. / ft. lb.	Incr.	Torque range kgf.cm / kgf.m	Incr.	Overall length mm		
● 34223-1B	1/4"	55~250 in. lb.	1.5 in.lb.	63~288 kgf.cm	1.13 kgf.cm	280	595	1 / 12
● 34323-1B	3/8"	55~250 in. lb.	1.5 in.lb.	63~288 kgf.cm	1.13 kgf.cm	280	595	1 / 12
● 34323-2B	3/8"	15~80 ft. lb.	0.5 ft.lb.	2.1~11.10 kgf.m	0.07 kgf.m	370	820	1 / 12
● 34423-1B	1/2"	30~150 ft. lb.	1 ft.lb.	4.2~20.8 kgf.m	0.14 kgf.m	450	1340	1 / 12
● 34423-2B	1/2"	50~250 ft. lb.	2 ft.lb.	6.9~34.6 kgf.m	0.27 kgf.m	570	2400	1 / 12

Dual Scale - English & Kilogram-force Centimeter / Kilogram-force meter (in.lb. / ft.lb. & kgf.cm / kgf.m)

KT NO.	Square drive	Torque range in. lb. / ft. lb.	Incr.	Torque range kgf.cm / kgf.m	Incr.	Overall length mm		
● 34223-1C	1/4"	55~250 in.lb.	1 in.lb.	6.2~28.2 Nm	0.17 Nm	280	595	1 / 12
● 34323-1C	3/8"	55~250 in.lb.	1 in.lb.	6.2~28.2 Nm	0.17 Nm	280	595	1 / 12
● 34323-2C	3/8"	15~80 ft.lb.	0.5 ft.lb.	20.3~108.5 Nm	0.68 Nm	370	820	1 / 12
● 34423-1C	1/2"	30~150 ft.lb.	1 ft.lb.	40.7~203.4 Nm	1.35 Nm	450	1658	1 / 12
● 34423-2C	1/2"	50~250 ft.lb.	2 ft.lb.	67.8~339 Nm	2.71 Nm	570	2400	1 / 12



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

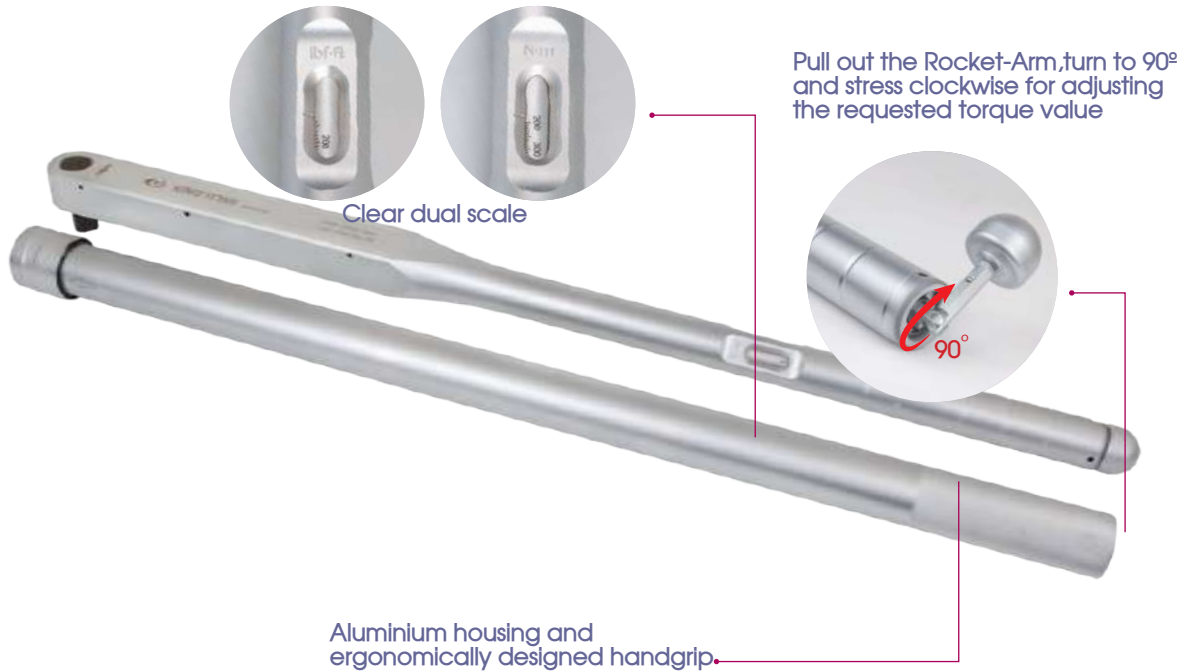
Multi-lever mechanism brings length independence and accurate torque

Loud click sound and string impulse when torque value reached

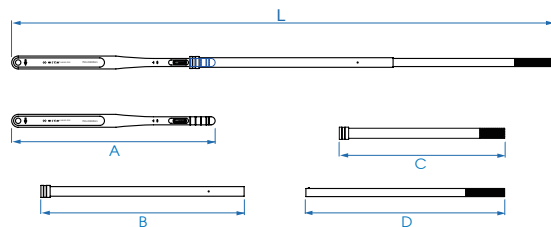
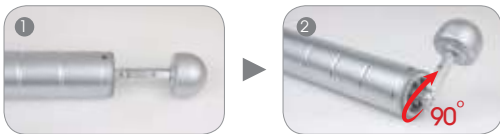
Easy lock and adjustment design

Tolerance of torque $\pm 3\%$

Quality accords to DIN ISO 6789:2017 & ASME B107.300-2010



Step:



Dual Scale - English & Newton Meter (ft. lb. & Nm)

KT NO.	Square drive	Torque range				A	B	C	D	Overall length mm	kg	/
		Nm	Incr.	ft.lb.	Incr.							
3445G-1FB	1/2"	40~200 Nm	5	30~150 ft.lb.	5	563	-	-	-	563	1.50	1 / 12
3465G-1FB	3/4"	110~550 Nm	10	80~400 ft.lb.	10	827	-	-	-	827	3.00	1 / 2
3465G-2FB	3/4"	140~760 Nm	10	100~560 ft.lb.	10	827	-	-	-	827	3.00	1 / 2
3465G-3FB	3/4"	200~1000 Nm	10	140~740 ft.lb.	10	825	-	762	-	1413	3.80	1 / 2
3485G-1DB	1"	600~1500 Nm	25	-	-	947	771	-	362	1615	10.90	1 / 1
3485G-2DB	1"	750~2000 Nm	50	-	-	947	946	-	925	2370	11.70	1 / 1

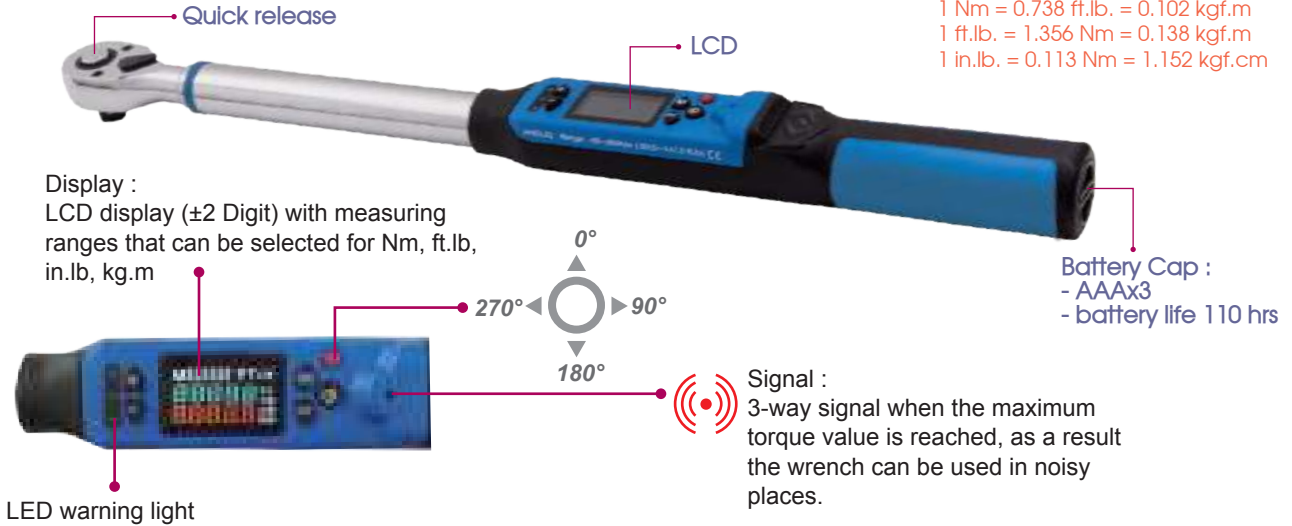
Electronic Torque Wrench



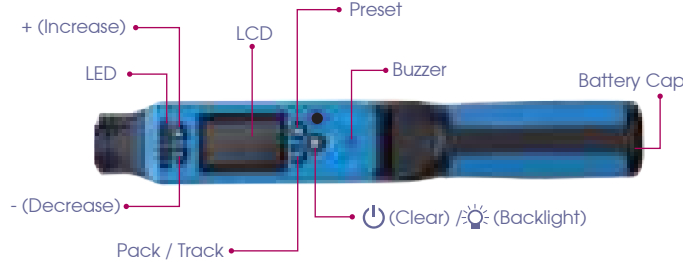
- Electronic torque value readout
- Peak hold and track mode selection
- Angle accuracy (34387/34487)
- Buzzer and LED indicator for presetting target torque
- Engineering units (Nm, ft.lb, in.lb, kgf.m) adjustment
- Switch off automatically after 60 seconds
- DIN ISO 6789:2017 & ASME B107.300-2010
- CW $\pm 2\%$ and CCW $\pm 3\%$ 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

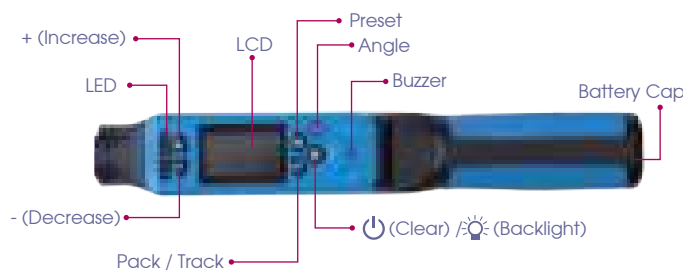


• Electronic Torque Wrench (34367-2AG, 34467-1AG)



Torque Accuracy	CW $\pm 2\%$ / CCW $\pm 3\%$
Preset function	10
Display Resolution	0.1 Nm/ ft.lb. .001 kgf.m, 1.0 lb.in
Operation Mode	Peak/Track
Unit Selection	kg.m, lb.in, lb.ft, Nm
Gear Teeth	36
Battery	AAA x 3 PC.
Battery Life	110 hrs (continuous operation)
Operating Ambient Temperature	-10°C - 60°C (13.9°F-139.9°F)
Storage Temperature	-20°C-70°C (-4°F-157.9°F)
Operating Relative Humidity	15 to 90% noncondensing
Switch off Automatically	60 seconds (if do not use torque wrench)
Angle Accuracy	($\pm 1\%$ of reading)+($\pm 1\%$ @angular velocity $> 10^\circ/\text{sec} < 180^\circ/\text{sec}$)+ ($\pm 1\%$ 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				Overall length mm	Scales	Box
		Nm	ft.lb.	in. lb.	kg.m			
34367-2AG	3/8"	27-135 Nm	19.9-99.6 ft.lb.	239~1195 in.lb.	2.75~13.76 kgf.m	460	1400	1 / 6
34467-1AG	1/2"	40-200 Nm	29.5-147.5 ft.lb.	354~1770 in.lb.	4.08~20.38 kgf.m	530	1500	1 / 6
34387-2AG	3/8"	27-135 Nm	19.9-99.6 ft.lb.	239~1195 in.lb.	2.75~13.76 kgf.m	460	1400	1 / 6
34487-1AG	1/2"	40-200 Nm	29.5-147.5 ft.lb.	354~1770 in.lb.	4.08~20.38 kgf.m	530	1500	1 / 6



- Do not press "M" and " " button together otherwise system will enter in calibration mode.
- 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			Size mm	Scales	Boxes
		Nm	ft.lb.	kgf.m			
34207-1A	1/4"	6-30 Nm	4.4-22.1 ft.lb.	0.61-3.06 kgf.m	L75 x W45 x H40	124	12 / 48
34307-1A	3/8"	27-135 Nm	19.9-99.6 ft.lb.	2.75-13.76 kgf.m	L75 x W45 x H40	198	12 / 48
34407-1A	1/2"	40-200 Nm	29.5-147.5 ft.lb.	4.08-20.38 kgf.m	L75 x W45 x H40	198.5	12 / 48

34407T-1A new

Accuracy	± 2%
Memory	50
Display Resolution	0.1 Nm /ft.lb. ,0.01 kgf.m 1Psi /0.001 Bar /0.001 kgf-cm ² /0.01 Kpa
Operation Mode	Peak/Trace
Unit Selection	kg-cm, kg-m, lb-in, lb-ft, N-m Kpa, bar, psi, kg-cm ²
Battery	AAA x 2 PC.
Battery Life	50hrs (continuous operation)
Operating Ambient Temperature	-10°C - 60°C (13.9°F - 139.9°F)
Storage Temperature	-20°C - 70°C (-4°F - 157.9°F)
Operating Relative Humidity	15 to 90% noncondensing
Auto shut off	60 seconds



Dual Scale - English & Newton Meter (ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range			Pressure range	Size mm	Scales	Boxes
		Nm	ft.lb.	kgf.m				
34407T-1A	1/2"	40-200	29.5-147.5 ft.lb.	40.8-20.38 kgf.m	1-100 psi (0.069-6.6bar)	L75 x W67 x H46 mm	343	1 / 24

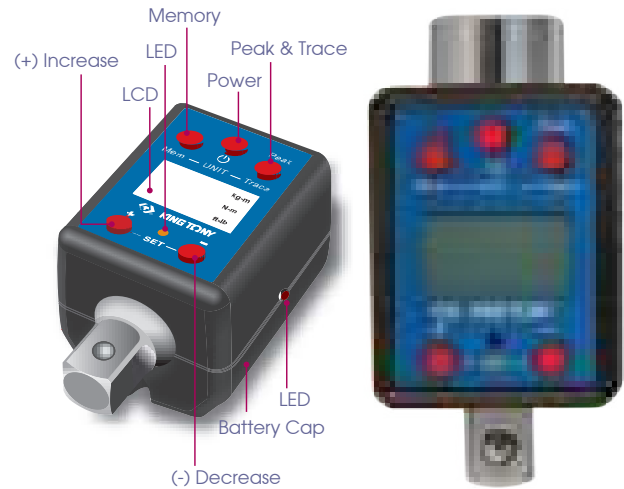
Electronic Torque Adapter

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
 1 ft.lb. = 1.356 Nm = 0.138 kgf.m
 1 in.lb. = 0.113 Nm = 1.152 kgf.cm

34607-1A

Specifications:

Accuracy	± 2%
Memory	50
Display Resolution	0.1 Nm / ft.lb. , 0.01 kgf.m
Operation Mode	Peak/Trace
Unit Selection	kgf.m , ft.lb. , Nm
Battery	AA x 2 PC.
Battery Life	110hrs (continuous operation)
Operating Ambient Temperature	-10°C - 60°C (13.9°F - 139.9°F)
Storage Temperature	-20°C - 70°C (-4°F - 157.9°F)
Operating Relative Humidity	15 to 90% noncondensing
Switch off Automatically	70 seconds (if do not use electronic torque adapter.)
LED indicator	Green. Yellow. Red
Overload Alarm	1250 Nm (886 ft.lb.)



Dual Scale - English & Newton Meter (ft.lb. & Nm / kg.m)

KT NO.	Square drive	Torque range			Size mm	Scales	Pkg
		Nm	ft.lb.	kgf.m			
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



1. Do not press "M" and "⏻" button together otherwise system will enter in calibration mode.
2. Switch off the power after use.

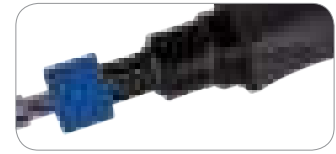


Torque Screwdriver

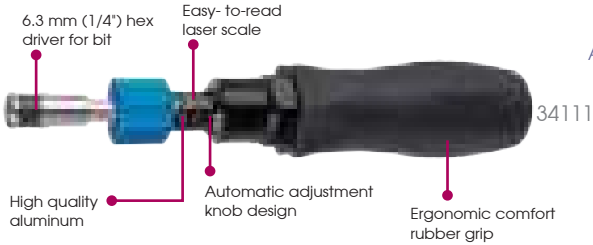
34111

- 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 $\pm 5\%$ quality meets DIN ISO 6789:2017 & ASME B107.300-2010

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
 1 ft.lb. = 1.356 Nm = 0.138 kgf.m
 1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Tolerance of torque within $\pm 5\%$ quality meets DIN ISO 6789:2017 & ASME B107.300-2010



KT NO.	1/4"DR.	Torque range cNm / Nm / in-lb	Incr.	Overall length mm		
34111-1DG		30~120 cNm	1 cNm	180	207	1 / 24
34111-1EG		3~15 in-lb	0.1 in-lb	180	207	1 / 24
34111-2DG		1.5~6.5 Nm	0.1 Nm	196	475	1 / 24
34111-2EG		10~50 in-lb	0.5 in-lb	196	475	1 / 24
34211-3DG		4~9 Nm	0.1 Nm	196	475	1 / 24

Torque Angle Gauge

34440

34440A

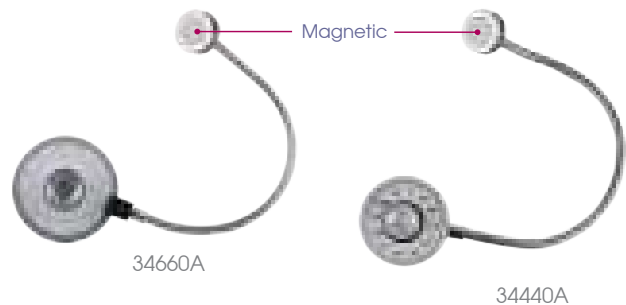
34660

34660A

- Square Drive :
 34440 (1/2" x 1/2")
 34660 (3/4" x 3/4")
- 360° angle scale- clearly marked in 2° increments, and in intervals of 10° and 30°
- Indicator etched on clear plastic plate, protects angle scale from dirt and grease
- Adjustable arm keeps angle scale stationary
- Arm has two lengths for additional flexibility in placement against components
- Tough composite dial and rotating index allowing operator to accurately tighten meeting to standard



KT NO.	Spec.		
34440	1/2"Fx1/2"M	190	12 / 48
34440A	1/2"Fx1/2"M	375	6 / 24
34660	3/4"Fx3/4"M	666	6 / 12
34660A	3/4"Fx3/4"M	908	6 / 12



- Step 1: Set up the torque value by torque wrench
- Step 2: Adjust the angle by angle gauge

Torque Multiplier



Don't use pneumatic tool together with the multiplier.

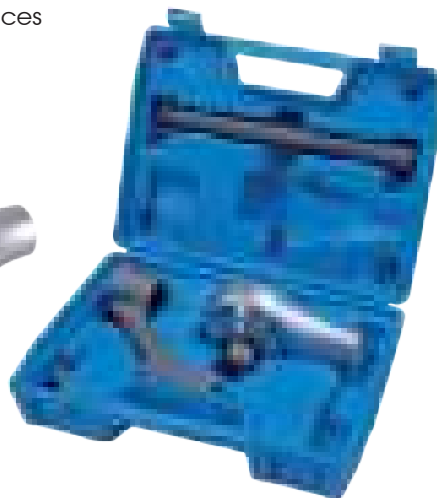
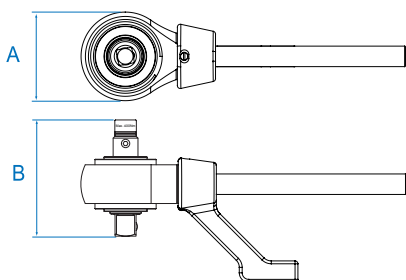
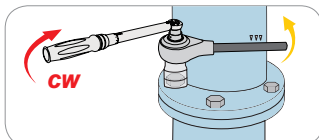
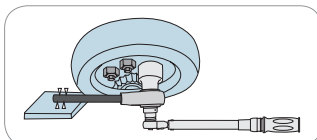
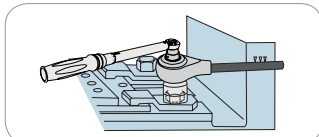
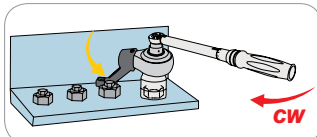
34486

34488

34688

- Torque multiplication with 5:1, accuracy guaranteed better than $\pm 5\%$
- Reaction bar supplied in two styles for maximum versatility
- Ideal construction offers minimal maintenance and extended life
- Portable package brings convenience for use in different working places

1 Nm = 0.738 ft.lb. = 0.102 kgf.m
 1 ft.lb. = 1.356 Nm = 0.138 kgf.m
 1 in.lb. = 0.113 Nm = 1.152 kgf.cm



Contents

	34486-05A 34488-05A 34688-05A	Multiplier head 1 PC.
	34688-P01	Reaction bar 1 PC.
	34688-P02	Reaction bar 1 PC.
	34486-P03 34488-P03 34688-P03	Safety Break-Away Adapter 1 PC.

KT NO.	Ratio	Input square	Output square	Max input torque Nm / Ft.lb	Max output torque Nm / Ft.lb	A mm	B mm	kg	kg	kg
34486	5:1	1/2"	3/4"	300 / 220	1500 / 1100	108	140.3	7.1	1 / 2	
34488	5:1	1/2"	1"	400 / 290	2000 / 1450	108	136.3	7.5	1 / 2	
34688	5:1	3/4"	1"	540 / 400	2700 / 2000	108	161.0	7.7	1 / 2	



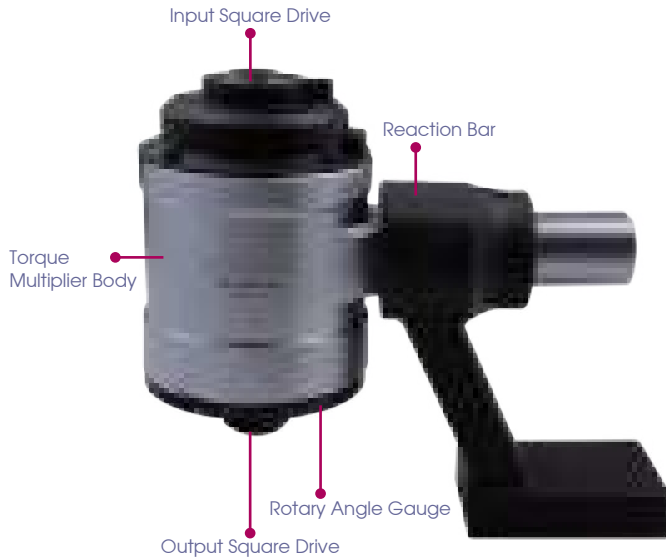
Torque Multiplier



Don't use pneumatic tool together with the multiplier.

34488-26

- Torque multiplication with 26:1, accuracy guaranteed better than $\pm 5\%$
- Reaction bar supplied in two styles for maximum versatility
- High ratios offers an idea to replace long lever arm and heavy wrench
- Ideal construction offers minimal maintenance and extended life
- Portable package brings convenience for use in different working places
- Anti-backlash device



Contents

- Multiplier head 1 PC.
- Reaction bar 2 PC.



KT NO.	Ratio	Input square	Output square	Max input torque Nm / Ft.lb	Max output torque Nm / Ft.lb		
34488-26	26:1	1/2"	1"	175 / 130	4500 / 3300	15.7	1 / 1







Universal Torque Converter Set

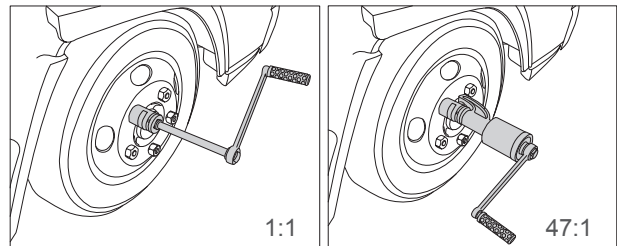
3488A03MP



- 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.
	32, 33



KT NO.	Ratio	Input square	Output square	Max input torque Nm / Ft.lb		
3488A03MP	47:1	1"	1"	4700 / 3466	9.3	1 / 2



Torque Tester

ZV011

Specifications:

 7.7  /  1 / 1

Calibration range	2~60 Nm
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-m, Kg-cm, N-m, N-cm
Input Hex A/F (mm)	10mm
Square Drive Adaptor (inch)	1/4", 3/8", 1/2"
Operating Temperature Range	+5°C~+40°C
Storage Temperature Range	+0°C~+70°C
Power Input	100-240V DC9.0V=1.66A, 15W MAX
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm



233510M



333510M



433510MR



ZV011A  Europe

ZV011B  America & Asia

ZV011D  Australia & New Zealand

ZV012

Specifications:

 8.1  /  1 / 1

Calibration range	8~400 Nm
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-m, Kg-cm, N-m, N-cm
Input Hex A/F (mm)	22mm
Square Drive Adaptor (inch)	3/8", 1/2", 3/4"
Operating Temperature Range	+5°C~+40°C
Storage Temperature Range	+0°C~+70°C
Power Input	100-240V DC9.0V=1.66A, 15W MAX
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm



333522M



433522MR



633522M



ZV012A  Europe

ZV012B  America & Asia

ZV012D  Australia & New Zealand

ZV013

Specifications:

 8.9  /  1 / 1

Calibration range	100~1500 Nm
Accuracy	±0.5%
Units of measurement	Lb-in, Lb-ft, Kg-m, Kg-cm, N-m
Input Hex A/F (mm)	36mm
Square Drive Adaptor (inch)	3/4"
Operating Temperature Range	+5°C~+40°C
Storage Temperature Range	+0°C~+70°C
Power Input	100-240V DC9.0V=1.66A, 15W MAX
Base material/ Finish	Aluminum Alloy / Painting
Dimension	210(L) x 150(W) x 140(H) mm



633536M



ZV013A  Europe

ZV013B  America & Asia

ZV013D  Australia & New Zealand

Notes



A series of horizontal dashed lines for writing notes, filling most of the page.

WRENCHES

- Combination Wrench
- Open End Wrench
- Offset Ring Wrench
- Half Moon Ring Wrench
- Crowfoot Wrench
- Star Box End Wrench
- Flare Nut Wrench
- Flexible Head Socket Wrench
- Slogging Wrench
- Heavy Duty Wrench
- End Tubular Wrench
- Speed Wrench
- Double Sizes Ratchet Wrench
- Angled Socket Wrench
- Adjustable Wrench
- Double Sided Self-Adjusting Wrench
- Hook Spanner Wrench
- Chain & Strap Wrench
- Wheel Nut Wrench
- T-Type Socket Wrench
- T-shaped Driver





Combination
Trousse de clés
Ring-Maulschlüssel
Jogo de chaves
Juego de llaves

14 PIECES

NO.1214MRN01

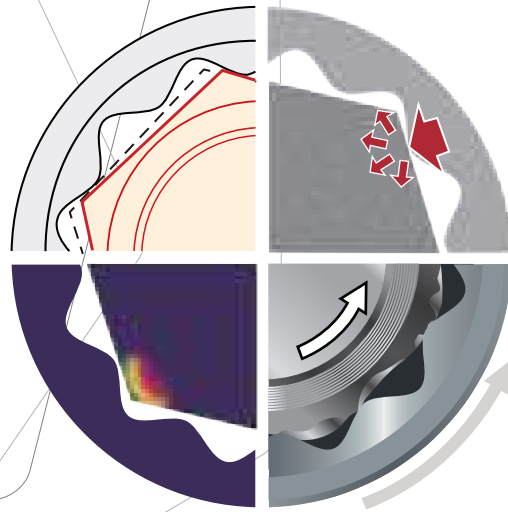


10 11 13

KING TONY UNIT DRIVE Profile

1. A large contact surface provides a secure force closure even for bolts whose sizes are out of the tolerances.
2. Radiate distribution of the force on the bolt flanks, reducing notch effect, which prevents the bolt from being rounded.
3. Gentle torque transfer enables worn bolts to be loosened.
4. Optimally distributed force up to 20 % higher torques can be transferred.

The KING TONY UNIT DRIVE prevents the bolts from being damaged by using 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



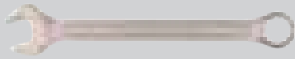
07 Heat treatment



08 Vibrating



09 Sand blast



10 Plating



Advanced structure saves time

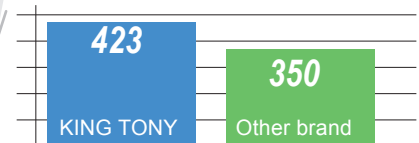
There are more and more improved tool structure comes out every year. King Tony selects useful idea and engineering function on developing new product within quality and economic concern. Every piece of component is designed for the comfort to users.



King Tony

Other brand

Exceed other brands **20%**





KING TONY speed wrench is 20% stronger than others.

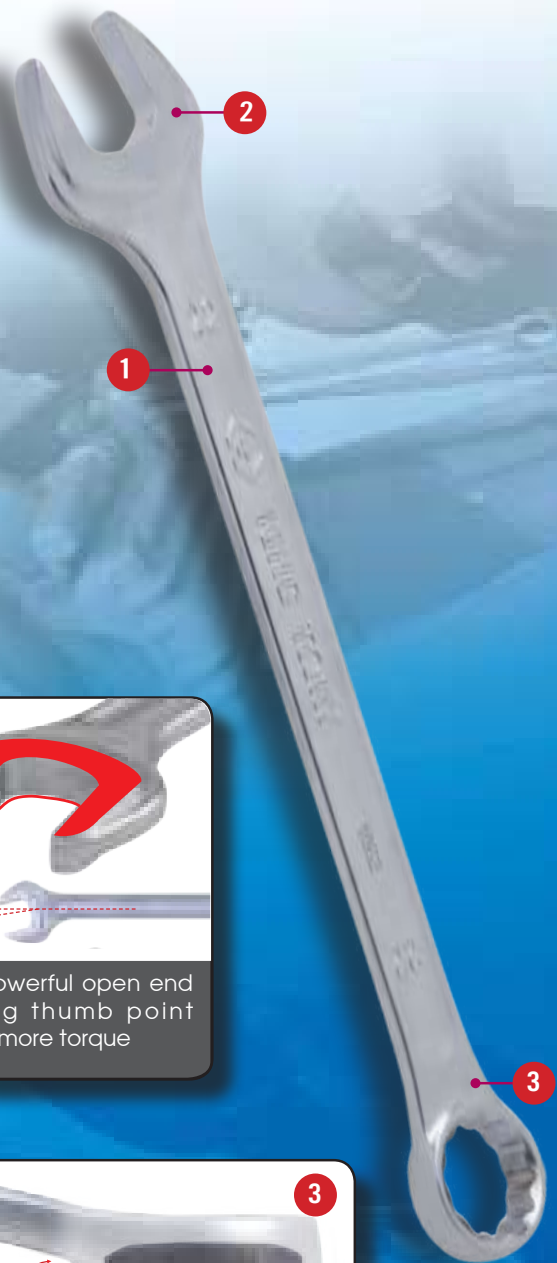
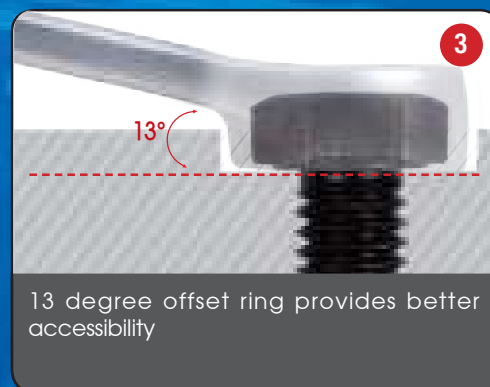
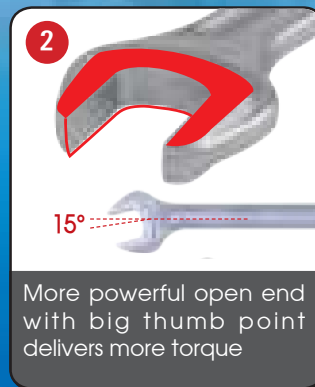
Ultra-Light Combination Wrench

1062 **PAT.** **new**

-  15° open end reinforcement design in slim profile
-  13° ring end high relief zone design with thin wall access ability
-  Chrome vanadium alloy steel
-  Metric size-DIN 3113, ISO 7738



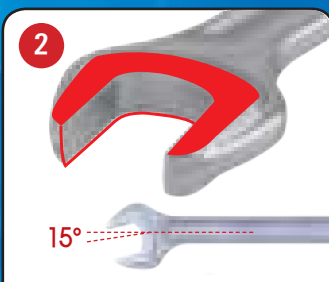
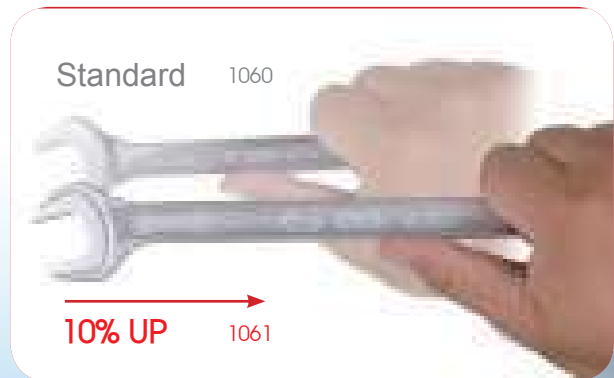
KT NO.	Size mm	L mm		
1062-06	6	105	18	12 / 504
1062-07	7	115	20	12 / 504
1062-08	8	125	25	12 / 504
1062-09	9	135	34	12 / 504
1062-10	10	145	39	12 / 504
1062-11	11	155	46	12 / 504
1062-12	12	165	56	12 / 216
1062-13	13	175	69	12 / 216
1062-14	14	185	80	12 / 216
1062-15	15	195	93	12 / 192
1062-16	16	205	111	12 / 192
1062-17	17	215	119	12 / 192
1062-18	18	225	138	12 / 144
1062-19	19	235	158	12 / 144
1062-20	20	245	182	12 / 144
1062-21	21	255	203	12 / 96
1062-22	22	265	225	12 / 96
1062-23	23	275	251	12 / 96
1062-24	24	285	287	6 / 54
1062-25	25	295	326	6 / 54
1062-26	26	305	344	6 / 54
1062-27	27	315	371	6 / 54
1062-28	28	325	387	6 / 48
1062-29	29	335	456	6 / 48
1062-30	30	345	514	6 / 48
1062-32	32	365	557	6 / 48



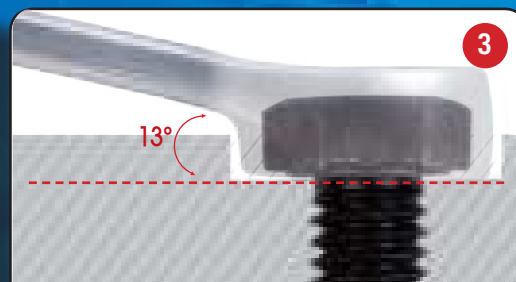
Ultra-Light Long Combination Wrench

1061 **PAT.**

- ⚙️ New forge technologies I-Beam shank offers 20% lightweight and better strength
- ⚙️ 15° open end reinforcement design in slim profile
- ⚙️ 13° ring end high relief zone design with thin wall access ability
- ⚙️ Long shank for high leverage & helps operators' hands from hot spots
- ⚙️ Chrome vanadium alloy steel
- ⚙️ Metric size-DIN 31 13, ISO 7738



More powerful open end with big thumb point delivers more torque



13 degree offset ring provides better accessibility

Ultra-Light Long Combination Wrench & Set

KT No. & D1



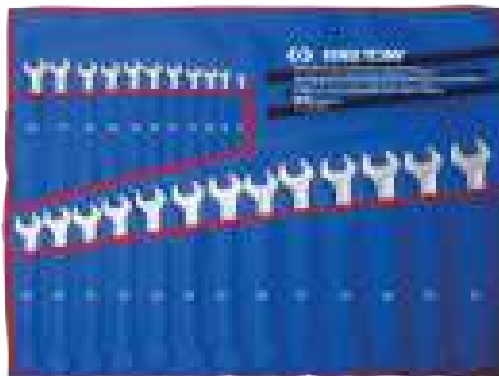
1061

- 15° open slimline type
- 13° ring end offset from shaft
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3113 / ISO 7738



KT NO.	Size mm	L mm		
1061-06	6	128	20	12 / 768
1061-07	7	148	28	12 / 576
1061-08	8	148	28	12 / 576
1061-09	9	167	45	12 / 384
1061-10	10	167	45	12 / 384
1061-11	11	186	55	12 / 240
1061-12	12	196	65	12 / 192
1061-13	13	205	80	12 / 192
1061-14	14	223	97	12 / 120
1061-15	15	233	120	12 / 144
1061-16	16	243	135	12 / 144
1061-17	17	262	165	12 / 96
1061-18	18	272	190	12 / 96

KT NO.	Size mm	L mm		
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 : Tetonon

KT NO.	PC.	Contents		
12C7MRN	7	8, 10, 11, 13, 14, 17, 19	0.77	1 / 24
12C8MRN	8	6, 7, 8, 9, 10, 11, 12, 13	0.77	1 / 24
12A0MRN	10	10, 11, 12, 13, 14, 15, 16, 17, 18, 19	1.35	1 / 12
12A1MRN	11	1061 8, 10, 12, 13, 14, 16, 17, 18, 19, 22, 24	2.06	1 / 12
12A3MRN	13	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	2.16	1 / 12
12A4MRN	14	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	2.44	1 / 8
12B4MRN	24	6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	7	1 / 2



Combination Wrench

KT No. & D1



1060

5060

- European slimline type
- 15° open end angle
- 15° ring end offset from shaft
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN 3113, ISO 7738
- Inch size-ANSI/ASME B107.6



KT NO.	Size mm	L mm		
1060-55	5.5	105	16	12 / 504
1060-06	6	105	18	12 / 504
1060-07	7	115	20	12 / 504
1060-08	8	125	25	12 / 504
1060-09	9	135	34	12 / 504
1060-10	10	145	39	12 / 504
1060-11	11	155	46	12 / 504
1060-12	12	165	56	12 / 216
1060-13	13	175	69	12 / 216
1060-14	14	185	80	12 / 216
1060-15	15	195	93	12 / 192
1060-16	16	205	111	12 / 192
1060-17	17	215	119	12 / 192
1060-18	18	225	138	12 / 144
1060-19	19	235	158	12 / 144
1060-20	20	245	182	12 / 144
1060-21	21	255	203	12 / 96
1060-22	22	265	225	12 / 96
1060-23	23	275	251	12 / 96
1060-24	24	285	287	6 / 54
1060-25	25	295	326	6 / 54
1060-26	26	305	344	6 / 54
1060-27	27	315	371	6 / 54
1060-28	28	325	387	6 / 48
1060-29	29	335	456	6 / 48
1060-30	30	345	514	6 / 48
1060-32	32	365	557	6 / 48

KT NO.	Size inch	L mm		
5060-08	1/4	105	18	12 / 504
5060-10	5/16	125	25	12 / 504
5060-12	3/8	145	39	12 / 504
5060-14	7/16	155	46	12 / 504
5060-16	1/2	175	69	12 / 216
5060-18	9/16	185	80	12 / 216
5060-20	5/8	205	111	12 / 192
5060-22	11/16	215	119	12 / 192
5060-24	3/4	235	158	12 / 144
5060-26	13/16	255	203	12 / 96
5060-28	7/8	265	220	12 / 96
5060-30	15/16	285	287	6 / 54
5060-32	1	295	326	6 / 54
5060-34	1-1/16	315	371	6 / 54
5060-36	1-1/8	335	456	6 / 48
5060-40	1-1/4	365	557	6 / 48

1071

5071

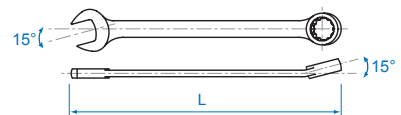
- Jumbo type
- 15° open end angle
- 15° ring end offset from shaft
- High quality steel
- Polished, chrome plated
- Metric size-DIN 3113, ISO 7738
- Inch size-ANSI/ASME B107.6



1071-33~50
5071-42~64



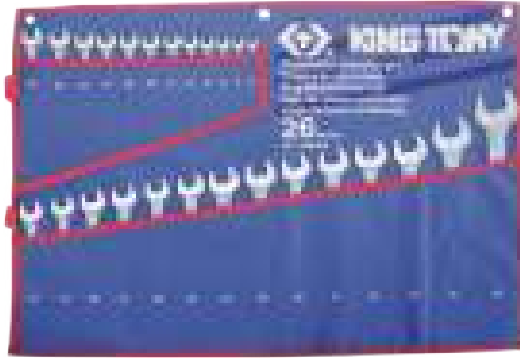
1071-55~85



KT NO.	Size mm	L mm		
1071-33	33	410	765	5 / 20
1071-34	34	410	745	5 / 20
1071-35	35	425	960	5 / 20
1071-36	36	425	960	5 / 20
1071-38	38	455	1155	5 / 20
1071-41	41	495	1402	5 / 15
1071-42	42	495	1394	5 / 15
1071-44	44	495	1479	5 / 15
1071-46	46	495	1515	5 / 15
1071-48	48	563	2550	5 / 10
1071-50	50	563	2550	5 / 10
KT NO.	Size mm	L mm		
1071-55	55	616	2520	5
1071-60	60	657	3000	5
1071-65	65	678	3300	5
1071-70	70	715	5760	2
1071-75	75	715	5770	2
1071-80	80	745	7700	2
1071-85	85	745	7700	2

KT NO.	Size inch	L mm		
5071-42	1-5/16	410	760	5 / 20
5071-44	1-3/8	425	970	5 / 20
5071-46	1-7/16	425	950	5 / 20
5071-48	1-1/2	455	1150	5 / 20
5071-50	1-9/16	495	1546	5 / 15
5071-52	1-5/8	495	1402	5 / 15
5071-54	1-11/16	495	1432	5 / 15
5071-56	1-3/4	495	1419	5 / 15
5071-58	1-13/16	495	1478	5 / 15
5071-60	1-7/8	563	2540	5 / 10
5071-62	1-15/16	563	2550	5 / 10
5071-64	2	563	2540	5 / 10

Combination Wrench Set






► MRN / SRN : Tetoron pouch bag



► MR / SR : Nylon pouch bag



KT NO.	PC.	Contents	Package		
1207MR	7	10, 11, 12, 13, 14, 17, 19	Nylon	0.71	1 / 30
1208MR	8	10, 11, 12, 13, 14, 17, 19, 22	Nylon	0.95	1 / 24
1210MR	10	8, 10, 12, 13, 14, 17, 19, 21, 22, 24	Nylon	1.38	1 / 16
1211MR	11	8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24	Nylon	1.33	1 / 16
1212MR	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	Nylon	1.28	1 / 16
new 1212MR01	12	6, 8, 10, 12, 13, 14, 17, 19, 24, 27, 30, 32	Nylon	3.23	1 / 8
1214MR	14	10, 11, 12, 13, 14, 16, 17, 19, 21, 22, 24, 27, 30, 32	Nylon	3.18	1 / 8
1214MR01	14	10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	Nylon	3.25	1 / 8
1215MR	14	 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 21, 22, 24	Nylon	1.86	1 / 12
1215MR01	14	1060 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	Nylon	3.22	1 / 12
1215MR02	15	6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	Nylon	2.92	1 / 8
1211MRN	11	8, 9, 10, 11, 12, 13, 14, 17, 19, 22, 24	Tetoron	1.33	1 / 16
1214MRN01	14	10, 11, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32	Tetoron	3.35	1 / 8
1214MRN05	14	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	Tetoron	1.24	1 / 12
1215MRN01	14	8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24	Tetoron	1.92	1 / 12
1215MRN02	15	6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	Tetoron	2.92	1 / 8
1218MR01	18	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24	Nylon	2.5	1 / 9
1218MRN	18		Tetoron	1.34	1 / 9
1226MR	26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23,	Nylon	5.67	1 / 4
1226MRN	26	24, 25, 26, 27, 28, 29, 30, 32	Tetoron	5.67	1 / 4
1207SR	7	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	Nylon	0.61	1 / 30
1211SR	11	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 15/16	Nylon	1.48	1 / 16
1211SR01	11	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 7/8, 1	Nylon	1.46	1 / 16
1211SR02	11	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	Nylon	1.63	1 / 12
1214SR	14	5060 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/8, 1-1/4	Nylon	3.02	1 / 8
1216SR	16	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	Nylon	3.44	1 / 8
new 1216SRN	16	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	Tetoron	3.63	1 / 6
1213SRN	13	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1	Tetoron	1.96	1 / 10
1214SRN01	14	3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4	Tetoron	3.54	1 / 8
1296MRN	6	1071 34, 36, 38, 41, 46, 50	Tetoron	8.87	1 / 2
1224CRN	24	1060 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	Tetoron	2.93	1 / 6
		5060 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16			



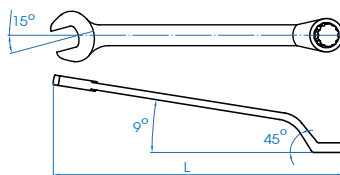
Offset Combination Wrench & Set

KT No. & D1



1063

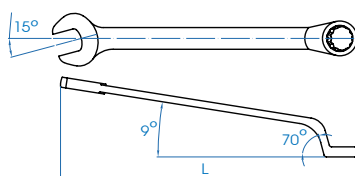
- Chrome vanadium alloy steel
- Offset ring ideal for deep-seated nuts or bolts
- 15° open end angle
- Chrome plated
- Metric size - DIN 3113 / ISO 7738 / ISO 3318



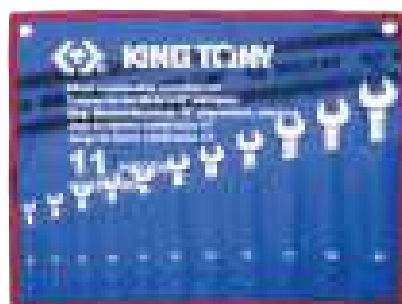
KT NO.	Size mm	L mm			KT NO.	Size mm	L mm		
1063-06	6	110	19	20 / 360	1063-15	15	200	118	15 / 180
1063-08	8	130	32	20 / 320	1063-16	16	210	135	15 / 180
1063-10	10	150	46	20 / 320	1063-17	17	220	153	15 / 120
1063-11	11	160	59	20 / 320	1063-18	18	230	179	12 / 96
1063-12	12	170	73	20 / 240	1063-21	21	260	224	10 / 80
1063-14	14	190	103	15 / 240	1063-22	22	270	258	10 / 80
					1063-27	27	320	448	6 / 48
					1063-30	30	350	552	6 / 48
					1063-32	32	370	683	6 / 48

1067

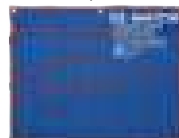
- Chrome vanadium alloy steel
- Offset ring ideal for deep-seated nuts or bolts
- 15° open end angle
- Chrome plated
- DIN 3113 / ISO 7738 / ISO 3318



KT NO.	Size mm	L mm			KT NO.	Size mm	L mm		
1067-06	6	105	18	10 / 640	1067-19	19	235	192	10 / 120
1067-07	7	115	23	10 / 640	1067-20	20	235	256	10 / 80
1067-08	8	125	25	10 / 640	1067-21	21	265	250	10 / 80
1067-09	9	135	36	10 / 480	1067-22	22	265	256	10 / 80
1067-10	10	145	42	6 / 288	1067-23	23	290	316	8 / 64
1067-11	11	155	55	12 / 240	1067-24	24	290	307	8 / 64
1067-12	12	165	61	10 / 200	1067-25	25	300	327	10 / 60
1067-13	13	175	79	8 / 160	1067-26	26	320	423	10 / 40
1067-14	14	185	93	10 / 160	1067-27	27	320	402	10 / 40
1067-15	15	195	110	10 / 160	1067-28	28	330	494	10 / 40
1067-16	16	205	119	10 / 160	1067-29	29	350	402	6 / 48
1067-17	17	215	148	8 / 128	1067-30	30	350	522	6 / 48
1067-18	18	225	158	12 / 144	1067-32	32	370	621	4 / 32



► MRN / SRN : Teton pouch bag



► MR / SR : Nylon pouch bag



KT NO.	PC.	Contents	Package		
1271MR	11		Nylon		
1271MRN	11	6, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22	Teton	1.23	1 / 15
1272MR	12	6, 7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 22	Nylon	1.21	1 / 15
1272MR01	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22	Nylon	1.47	1 / 9
1275MR	15		Nylon		
1275MRN	15	6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32	Teton	3.3	1 / 8
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

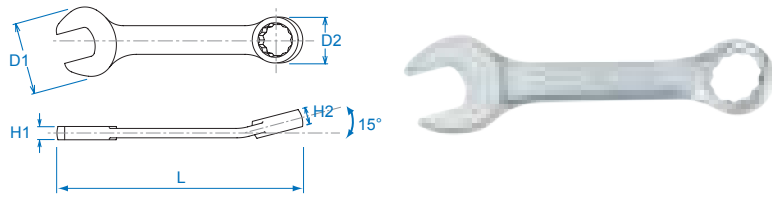
Stubby Combination Wrench & Set

KT No. & D1



10D0

- Short pattern design enables greater access in confined spaces
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3113



KT NO.	Size mm	D1	D2	H1	H2	L mm		
10D0-08	8	18.1	13.8	4.6	6.0	85	20	20 / 360
10D0-09	9	19.3	14.5	4.8	6.4	90	25	20 / 360
10D0-10	10	20.5	15.1	4.8	6.4	95	27	20 / 360
10D0-11	11	22.7	16.7	5.9	7.9	100	45	20 / 360
10D0-12	12	24.7	18.0	6.2	8.3	105	49	20 / 360
10D0-13	13	27.2	19.1	6.5	8.7	110	59	20 / 360
10D0-14	14	28.8	21.4	7.0	9.2	115	65	15 / 270
10D0-15	15	31.0	22.4	7.4	9.7	120	73	15 / 270
10D0-16	16	33.0	23.8	7.8	10.3	125	85	15 / 270
10D0-17	17	35.0	26.2	8.1	10.7	130	116	15 / 180
10D0-18	18	37.0	27.3	8.6	11.3	135	123	15 / 180
10D0-19	19	39.0	28.6	9.0	11.8	140	135	12 / 144

1282MR

Contents

10D0	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	1.03	1 / 24
------	--	------	--------



12 PC.

► Nylon pouch bag

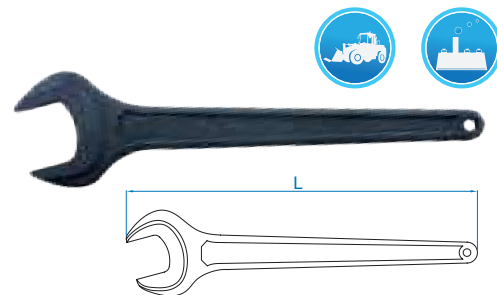
Single Open End Wrench



Please wear proper safety gear while working.

10F0

- Features: The open end is thicker for very high tightening torques. examples: public work, rail worksite, naval construction, agriculture, oil platforms, metallic construction
- Hanging hole at end of handle: wrenches stored on panel or hung to avoid loss or fall
- Chrome vanadium alloy steel
- Finished with phosphate sunk
- DIN 894



KT NO.	Size mm	L mm		
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		
10F0-36P	36	317	556	5 / 30
10F0-38P	38	320	740	5 / 30
10F0-41P	41	340	875	4 / 24
10F0-46P	46	395	1060	3 / 12
10F0-50P	50	425	1402	1 / 12
10F0-55P	55	425	1403	1 / 12
10F0-60P	60	470	2544	1 / 6
10F0-65P	65	470	2441	1 / 6
10F0-70P	70	500	3457	1 / 6
10F0-75P	75	500	3333	1 / 6

Open End Wrench & Set

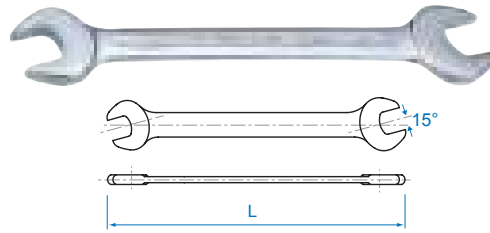
KT No. & D1



1900

5900

- European slimline type
- 15° open end angle
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN 3110
- Inch size-ANSI / ASME B107.6



KT NO.	Size mm	L mm		
19005507	5.5 x 7	123	28	12 / 576
1900607	6 x 7	123	28	12 / 576
1900708	7 x 8	140	36	12 / 576
1900809	8 x 9	140	39	12 / 576
1900810	8 x 10	140	38	12 / 576
1900911	9 x 11	156	55	12 / 288
19001011	10 x 11	156	65	12 / 288
19001012	10 x 12	156	65	12 / 288
19001113	11 x 13	172	78	12 / 288
19001213	12 x 13	172	86	12 / 288
19001214	12 x 14	172	78	12 / 288
19001314	13 x 14	172	78	12 / 288
19001317	13 x 17	195	124	12 / 192
19001415	14 x 15	188.5	114	12 / 192
19001417	14 x 17	195	146	12 / 192
19001617	16 x 17	204	146	12 / 192
19001618	16 x 18	221	165	12 / 144
19001719	17 x 19	221	177	12 / 144
19001819	18 x 19	221	178	12 / 144
19001921	19 x 21	237	210	12 / 144
19001922	19 x 22	237	210	12 / 144
19002022	20 x 22	237	210	12 / 144
19002123	21 x 23	247	258	6 / 72
19002224	22 x 24	247	258	6 / 72
19002326	23 x 26	263	281	6 / 72
19002426	24 x 26	263	281	6 / 72
19002427	24 x 27	263	326	6 / 72

KT NO.	Size mm	L mm		
19002430	24 x 30	263	350	6 / 72
19002528	25 x 28	279	373	6 / 48
19002632	26 x 32	285	457	6 / 48
19002729	27 x 29	279	458	6 / 48
19002730	27 x 30	285	481	6 / 48
19002732	27 x 32	285	481	6 / 48
19003032	30 x 32	298	481	6 / 48
19003036	30 x 36	351	683	6 / 36
19003236	32 x 36	351	700	5 / 30
19003436	34 x 36	351	723	5 / 30
19003641	36 x 41	380	990	4 / 24
19004146	41 x 46	430	1395	4 / 16

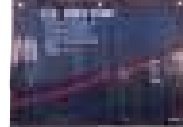
KT NO.	Size inch	L mm		
59000810	1/4 x 5/16	123	28	12 / 576
59001012	5/16 x 3/8	140	39	12 / 576
59001214	3/8 x 7/16	156	65	12 / 288
59001416	7/16 x 1/2	172	78	12 / 288
59001618	1/2 x 9/16	172	78	12 / 288
59001820	9/16 x 5/8	188.5	114	12 / 192
59002022	5/8 x 11/16	204	146	12 / 192
59002224	11/16 x 3/4	221	177	12 / 144
59002628	13/16 x 7/8	237	210	12 / 144
59003032	15/16 x 1	247	258	6 / 72
59003034	15/16 x 1-1/16	263	281	6 / 72
59003236	1 x 1-1/8	279	373	6 / 48
59003640	1-1/8 x 1-1/4	298	481	6 / 48



► MRN / SRN : Teton pouch bag



► MR / SR : Nylon pouch bag



KT NO.	PC.	Contents	Package		
1106MR	6	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	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	Teton		
1108SR	8	1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8	Nylon	0.91	1 / 24
1110SR	10	1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8, 15/16 x 1-1/16, 1 x 1-1/8	Nylon	1.67	1 / 16
1112SR	12	1/4 x 5/16, 5/16 x 3/8, 3/8 x 7/16, 7/16 x 1/2, 9/16 x 5/8, 5/8 x 11/16, 11/16 x 3/4, 13/16 x 7/8, 15/16 x 1, 15/16 x 1-1/16, 1 x 1-1/8, 1-1/8 x 1-1/4	Nylon	2.5	1 / 10

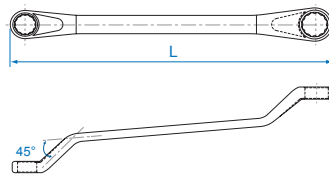
45° Offset Ring Wrench & Set

KT No. & D1



1960

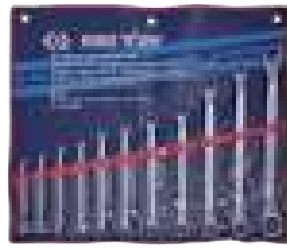
- 45° offset ring
- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN 838
- Inch size-ANSI / ASME B107.6



KT NO.	Size mm	L mm		
19600607	6 x 7	165	45	12 / 360
19600809	8 x 9	175	53	12 / 360
19600810	8 x 10	185	53	12 / 360
19601011	10 x 11	195	60	12 / 360
19601012	10 x 12	185	60	12 / 360
19601113	11 x 13	205	62	12 / 240
19601213	12 x 13	205	62	12 / 240
19601214	12 x 14	220	100	12 / 240
19601415	14 x 15	235	151	12 / 144
19601417	14 x 17	235	151	12 / 144
19601617	16 x 17	240	151	12 / 144
19601719	17 x 19	250	221	6 / 72
19601819	18 x 19	250	222	6 / 72

5960

KT NO.	Size mm / inch	L mm		
19601921	19 x 21	270	340	6 / 72
19602022	20 x 22	270	340	6 / 72
new 19602123	21 x 23	320	460	6 / 48
19602224	22 x 24	320	479	6 / 48
19602326	23 x 26	360	465	6 / 48
new 19602426	24 x 26	360	460	6 / 48
19602427	24 x 27	360	479	6 / 48
19602732	27 x 32	385	580	6 / 36
19603032	30 x 32	392	650	6 / 36
59601214	3/8 x 7/16	185	53	12 / 360
59601618	1/2 x 9/16	220	100	12 / 240
59602022	5/8 x 11/16	240	151	12 / 144
59602428	3/4 x 7/8	270	340	6 / 72
59603032	15/16 x 1	360	465	6 / 48

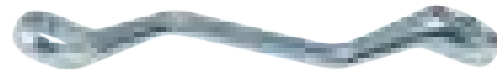
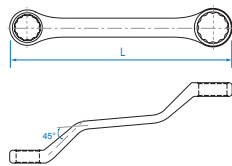


► Nylon pouch bag

KT NO.	PC.	Contents		
1606MR	6	10 x 12, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 23 x 26	1.6	1 / 16
1609MR	9	8 x 9, 10 x 12, 11 x 13, 12 x 14, 14 x 17, 17 x 19, 19 x 21, 22 x 24, 23 x 26	1.93	1 / 8
new 1611MR	11	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 30 x 32	3.0	1 / 16

1961

- Mini type
- 45° offset ring
- Thin wall rings
- Chrome vanadium steel
- Chrome plated
- Metric size-DIN 838



KT NO.	Size mm	L mm		
19610809	8 x 9	112	27.6	12 / 336
19611011	10 x 11	115	42.2	12 / 336
19611213	12 x 13	130	57.6	12 / 240

KT NO.	Size mm	L mm		
19611415	14 x 15	140	84.0	12 / 240
19611617	16 x 17	150	96.8	10 / 200
19611819	18 x 19	157	113.6	6 / 120

1626MR

Contents		
1961 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19	0.53	1 / 24



► Nylon pouch bag

6 PC.



75° Offset Ring Wrench & Set

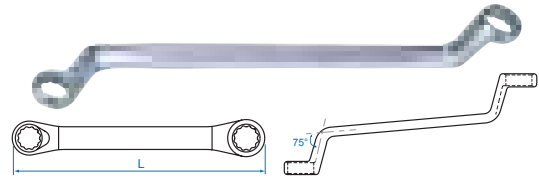
KT No. & D1



1970

5970

- European slimline type
- 75° deep ring offset
- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- Metric size-DIN 838
- Inch size-ANSI / ASME B107.6



KT NO.	Size mm	L mm		
19700607	6 x 7	168	43	12 / 360
19700809	8 x 9	183	62	12 / 360
19700810	8 x 10	183	62	12 / 360
19701011	10 x 11	198	88	12 / 240
19701012	10 x 12	198	88	12 / 240
19701113	11 x 13	217	131	12 / 144
19701213	12 x 13	217	131	12 / 144
19701214	12 x 14	217	131	12 / 144
19701314	13 x 14	217	131	12 / 144
19701415	14 x 15	239	152	12 / 144
19701417	14 x 17	260	186	6 / 96
19701617	16 x 17	260	189	6 / 96
19701719	17 x 19	292	240	6 / 72
19701819	18 x 19	292	240	6 / 72
19701921	19 x 21	318	330	6 / 60
19701922	19 x 22	318	330	6 / 60
19702022	20 x 22	318	330	6 / 60
19702123	21 x 23	326.5	362	6 / 60
19702224	22 x 24	326	362	6 / 60
19702326	23 x 26	344	436	6 / 48
19702426	24 x 26	329	436	6 / 48
19702427	24 x 27	329	436	6 / 48
19702528	25 x 28	347	488	6 / 48
19703032	30 x 32	362	600	6 / 36

KT NO.	Size Inch	L mm		
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 : Teton pouch bag



► MR / SR : Nylon pouch bag



KT NO.	PC.	Contents	Package		
1706MR	6	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17	Nylon	0.88	1 / 24
1708MR	8	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 21 x 23	Nylon	1.64	1 / 12
1708MR01	8	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22	Nylon	1.52	1 / 12
1710MR	10	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 21 x 23, 24 x 27, 30 x 32	Nylon	2.83	1 / 8
1712MR	12	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 30 x 32	Nylon	3.78	1 / 6
1712MRN	12	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	Teton	3.78	1 / 6
1707SR	7	1/4 x 5/16, 3/8 x 7/16, 1/2 x 9/16, 5/8 x 11/16, 3/4 x 7/8, 15/16 x 1, 1-1/16 x 1-1/8	Nylon	2.0	1 / 12

Straight Ring Wrench & Set

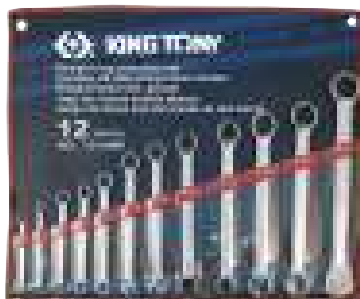
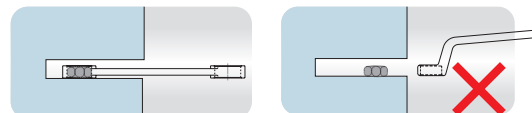
KT No. & D1



19C0

- Thin wall rings
- Chrome vanadium alloy steel
- Chrome plated
- DIN 837

KT NO.	Size mm	L mm		
19C00607	6 x 7	121	17	20 / 480
19C00809	8 x 9	137	27	20 / 480
19C01011	10 x 11	154	51	20 / 320
19C01213	12 x 13	164	70	20 / 240
19C01415	14 x 15	182	92	20 / 240
19C01617	16 x 17	211	118	12 / 144
19C01819	18 x 19	226	151	12 / 144
19C02022	20 x 22	240	187	10 / 120
19C02123	21 x 23	255	242	10 / 120
19C02426	24 x 26	270	290	6 / 72
19C02528	25 x 28	285	339	6 / 72
19C03032	30 x 32	335	520	5 / 40



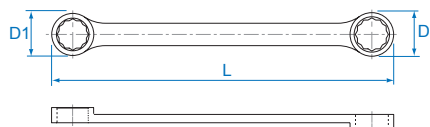
► Nylon pouch bag

KT NO.	PC.	Contents		
1C08MR	6	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	19C0 6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 30 x 32	2.23	1 / 12

0° Offset Ring Wrench

19B0

- Ideal for crowded or confined spaces
- Ultra-compact ring head
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3113



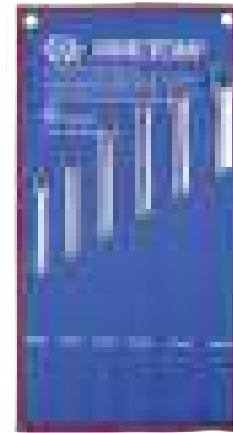
KT NO.	Size mm	D1 mm	D2 mm	L mm		
19B00810	8 x 10	12.5	15	235	72	12 / 240
19B01011	10 x 11	14.3	17	291	95	12 / 192
19B01012	10 x 12	14.3	17	291	95	12 / 192
19B01113	11 x 13	17.8	20.3	328	157	12 / 120
19B01214	12 x 14	17.8	20.3	328	157	12 / 120
19B01315	13 x 15	20.2	23.3	368	217	12 / 96
19B01417	14 x 17	20.2	23.3	368	217	12 / 96
19B01618	16 x 18	23.7	26.6	407	284	12 / 72
19B01719	17 x 19	23.7	26.6	407	284	12 / 72
19B01921	19 x 21	27.5	29.7	415	376	8 / 64
19B02224	22 x 24	31.3	34.0	430	482	6 / 48





0° Offset Ring Wrench Set

1F06MRN

6
PC.



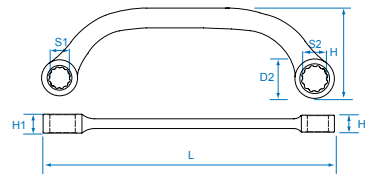
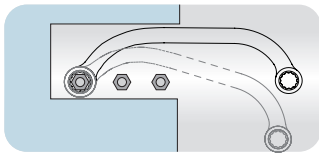
► Teton pouch bag



Contents			
19B0	10 x 11, 12 x 14, 13 x 15, 16 x 18, 17 x 19, 22 x 24	1.81	1 / 8

Half Moon Ring Wrench & Set

1950

- Short pattern design enables greater access in confined spaces
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3113





KT NO.	Size mm	D1 mm	D2 mm	L mm	H1 mm	H2 mm	H mm		
19500810	8 x 10	15.6	14.3	137	6.5	6.2	42	40	12 / 288
19501012	10 x 12	15.6	18.2	141	6.6	6.5	50	55	12 / 288
19501113	11 x 13	18.2	21.0	166	8.2	8.0	63	93	8 / 128
19501214	12 x 14	18.2	21.0	166	8.2	8.0	63	94	8 / 128
19501315	13 x 15	22.0	25.0	190	9.2	8.2	75	126	6 / 72
19501417	14 x 17	22.0	25.0	190	9.2	8.2	75	126	6 / 72
19501618	16 x 18	25.5	28.0	220	9.6	8.8	79	156	6 / 72
19501719	17 x 19	25.5	28.0	220	9.6	8.8	79	174	6 / 72
19501922	19 x 22	28.6	32.5	256	11.1	10.1	91	255	6 / 48

9-1905MR

5
PC.

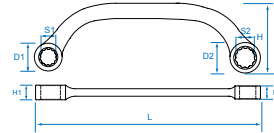
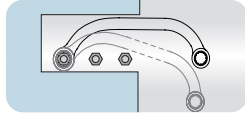


Contents			
1950	10 x 12, 11 x 13, 14 x 17, 16 x 18, 19 x 22	0.82	1 / 10

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



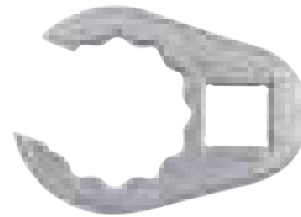
KT NO.	Size mm	D1 mm	D2 mm	L mm	H1 mm	H2 mm	H mm	⚖️	📦
19510810	8 x 10	12.5	16.5	125	7.0	7.4	36	48.0	12 / 240
19511011	10 x 11	17.5	19	149	8.0	8.5	46	71.4	12 / 240
19511012	10 x 12	17.5	19.0	149	8.0	8.5	46	67.8	12 / 240
19511113	11 x 13	17.5	19.0	149	8.0	8.5	46	76.0	12 / 240
19511214	12 x 14	21.4	23.4	169	8.2	8.4	50	95.4	10 / 120
19511416	14 x 16	21.4	23.4	169	8.2	8.4	50	99.1	10 / 120
19511517	15 x 17	23.5	27.0	194	9.5	10.0	56	151.2	8 / 96
19511719	17 x 19	26.5	27.7	194	9.2	9.6	56	141.4	8 / 96
19511922	19 x 22	29.0	32.3	225	11.0	12.0	66	235.0	5 / 60

Crowfoot Wrench & Set

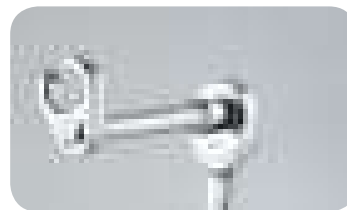
1031

- 12 points
- Chrome vanadium alloy steel
- Chrome plated

KT NO.	Size mm	Drive square	L mm	⚖️	📦
1031-10R	10	3/8"	37.3	40	12 / 192
1031-11R	11	3/8"	37.3	40	12 / 192
1031-12R	12	3/8"	37.3	40	12 / 192
1031-13R	13	3/8"	37.3	40	12 / 192
1031-14R	14	3/8"	42.3	42	12 / 192
1031-15R	15	3/8"	42.3	44	12 / 192
1031-16R	16	3/8"	42.3	48	12 / 192
1031-17R	17	3/8"	46.0	68	12 / 192
1031-18R	18	3/8"	46.0	63	12 / 192
1031-19R	19	3/8"	46.0	63	12 / 192
1031-22R	22	1/2"	55.0	82	15 / 180
1031-24R	24	1/2"	55.0	74	15 / 180
1031-26R	26	1/2"	61.0	105	15 / 180
1031-27R	27	1/2"	61.0	98	15 / 180
1031-30R	30	1/2"	68.7	136	12 / 144
1031-32R	32	1/2"	69.7	136	12 / 144



- Use to reach limit place with extension bar
- Use with torque wrench and 90° extension bar, will not effectively change the torque value



1E10MR new

KT NO.	Contents	⚖️	📦
1031	10, 11, 12, 13, 14, 15, 16, 17, 18, 19	17.74	1 / 30



10
PC.

1E11MR new

KT NO.	Contents	⚖️	📦
1031	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22	20.25	1 / 30



11
PC.



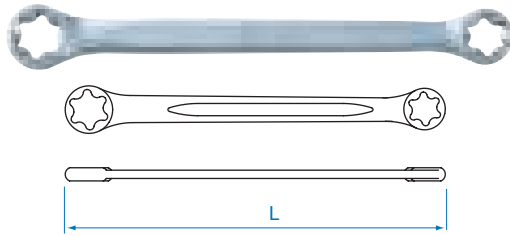
Star Box End Wrench & Set

KT No. & D1



1920

- Chrome vanadium alloy steel
- Chrome plated
- ANSI / ASME B107.6



KT NO.	Size	L mm		
19200608	E6 x E8	114.0	18.8	12 / 504
19200711	E7 x E11	126.5	27.4	12 / 504
19201012	E10 x E12	142.5	32.6	12 / 384
19201418	E14 x E18	183.0	86.2	12 / 240
19201622	E16 x E22	205.0	119.0	12 / 192
19202024	E20 x E24	225.0	172.2	12 / 144

1406PR

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

6
PC.



Contents

0.46

1 / 15

1920 | E6 x E8, E7 x E11, E10 x E12, E14 x E18,
E16 x E22, E20 x E24

Flare Nut Wrench

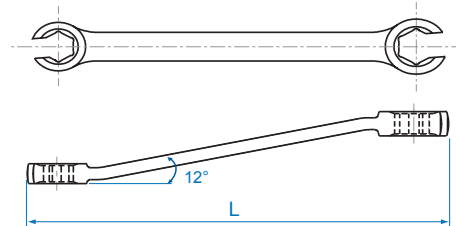
KT No. & D1



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		
19300810	8 x 10	130	53	12 / 216
19300911	9 x 11	150	55	12 / 216
19301011	10 x 11	150	78	12 / 192
19301012	10 x 12	150	74	12 / 192
19301113	11 x 13	170	106	12 / 144
19301213	12 x 13	170	104	12 / 144
19301214	12 x 14	170	102	12 / 144
19301315	13 x 15	178	125	12 / 144
19301417	14 x 17	190	132	12 / 144
19301719	17 x 19	210	170	8 / 128
19301922	19 x 22	230	218	9 / 108

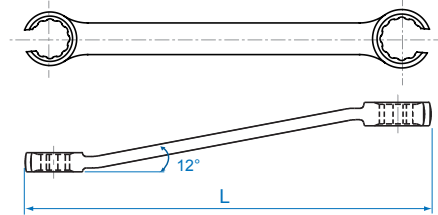
KT NO.	Size inch	L mm		
59301012	5/16 x 3/8	130	53	12 / 216
59301214	3/8 x 7/16	150	78	12 / 192
59301618	1/2 x 9/16	180	102	12 / 144
59301820	9/16 x 5/8	190	132	12 / 144
59302224	11/16 x 3/4	210	170	6 / 96
59302428	3/4 x 7/8	230	218	6 / 72

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		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	1930		Tetoron	0.90	1 / 30
1306SR	6		5/16 x 3/8, 3/8 x 7/16, 1/2 x 9/16, 9/16 x 5/8, 11/16 x 3/4, 3/4 x 7/8	Nylon	0.86	1 / 30
1306CR	6		8 x 10, 11 x 13, 12 x 14, 17 x 19	Nylon	0.74	1 / 12
			3/8 x 7/16, 1/2 x 9/16			



Flexible Head Wrench & Set

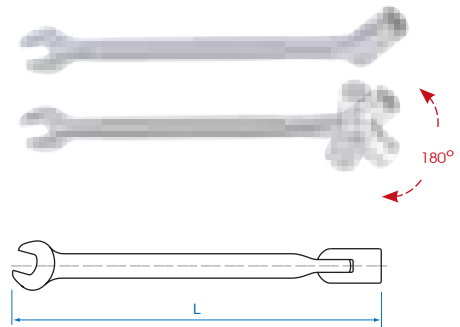
KT No. & D1



1020

- Combination flexible head wrench with 12 points thin wall socket
- 180° swiveling head for better accessibility
- Chrome vanadium alloy steel
- Chrome plated

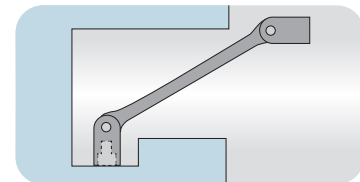
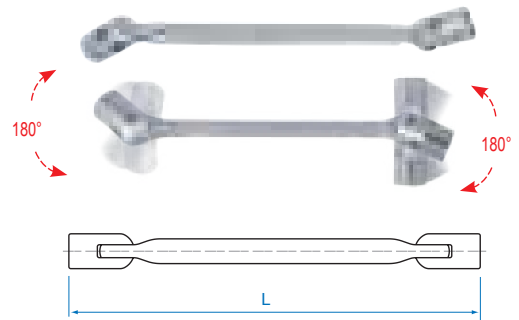
KT NO.	Size mm	L mm		
1020-08	8	170	65	10 / 180
1020-09	9	170	65	10 / 180
1020-10	10	180	75	10 / 160
1020-11	11	188	105	10 / 160
1020-12	12	190	114	10 / 120
1020-13	13	206	140	10 / 120
1020-14	14	225	186	10 / 120
1020-15	15	225	195	6 / 72
1020-16	16	234	234	6 / 72
1020-17	17	234	234	4 / 48
1020-18	18	252	307	4 / 48
1020-19	19	250	307	4 / 48



1910

- Double end flexible head wrench with 12 points thin wall socket
- 180° swiveling head for better accessibility
- Chrome vanadium alloy steel
- Chrome plated

KT NO.	Size mm	L mm		
19100607	6 x 7	182	72	12 / 216
19100809	8 x 9	182	78	12 / 216
19100810	8 x 10	185	85	10 / 160
19101011	10 x 11	200	115	10 / 160
19101012	10 x 12	205	119	10 / 120
19101213	12 x 13	220	155	10 / 120
19101214	12 x 14	225	175	10 / 80
19101415	14 x 15	240	235	10 / 120
19101417	14 x 17	244	245	10 / 120
19101617	16 x 17	259	330	10 / 80
19101719	17 x 19	260	330	10 / 80
19101819	18 x 19	275	410	6 / 54
19101921	19 x 21	300	535	6 / 36
19102022	20 x 22	305	595	6 / 36
19102123	21 x 23	305	640	6 / 36
19102427	24 x 27	335	775	6 / 24



► Nylon pouch bag

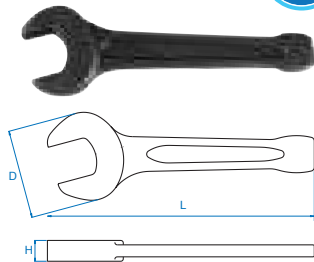
KT NO.	PC.	Contents		
1B06MR	6	1020 10, 12, 13, 14, 17, 19	1.06	1 / 24
1A06MR	6	1910 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19	1.49	1 / 16

Slogging Wrench



10A0

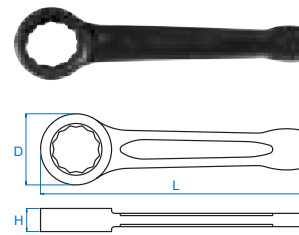
- Open end slogging
- Finished with phosphate sunk
- DIN 133



KT NO.	Size mm	L mm	D mm	H mm		
10A0-24	24	178	52	15	302	6 / 72
10A0-27	27	180	55	16	320	6 / 72
10A0-30	30	190	60	16	400	6 / 60
10A0-32	32	190	61	17	418	6 / 60
10A0-36	36	215	72	17	600	6 / 24
10A0-41	41	233	83	19	902	5 / 20
10A0-46	46	255	94	20	1122	4 / 16
10A0-50	50	275	105	22	1555	2 / 16
10A0-55	55	298	115	24	2015	2 / 12
10A0-60	60	320	127	24	2515	1 / 10
10A0-65	65	340	138	27	3260	1 / 8
10A0-70	70	370	156	32	4390	1 / 5
10A0-75	75	372	153	31	4140	1 / 5
10A0-80	80	395	175	33	6820	1 / 4
10A0-85	85	395	175	33	6300	1 / 4
10A0-90	90	440	197	38	9270	1 / 2
10A0-95	95	440	197	38	8700	1 / 2
10A0-A0	100	480	230	45	10500	1 / 2
10A0-A5	105	480	230	45	10300	1 / 2
10A0-B0	110	505	238	47	14420	1 / 1
10A0-B5	115	505	250	53	14420	1 / 1
10A0-C0	120	530	258	53	15450	1 / 1
10A0-C5	125	515	251	43	15015	1 / 1

10B0

- Ring slogging
- Finished with phosphate sunk
- DIN 7444



KT NO.	Size mm	L mm	D mm	H mm		
10B0-24	24	162	42	16	239	6 / 72
10B0-26	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		
10C0-24	24	178	111946	450	6 / 48
10C0-27	27	188	111946	500	6 / 48
10C0-30	30	198	111946	580	4 / 36
10C0-32	32	233	112261	810	4 / 24
10C0-36	36	241	112261	870	4 / 24
10C0-41	41	260	112261	1100	2 / 16
10C0-46	46	277	112576	1400	2 / 16
10C0-50	50	287	112576	1600	2 / 16
10C0-55	55	298	112576	1800	1 / 12
10C0-60	60	345	113086	2800	1 / 9
10C0-65	65	356	113086	3200	1 / 4

11

- Tube for item 10C0
- Chrome plated



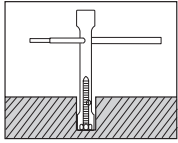
KT NO.	mm	L mm	Applied wrench size		
111946	19	460	24mm, 27mm, 30mm	1050	20
112261	22	610	32mm, 36mm, 41mm	1450	16
112576	24	760	46mm, 50mm, 55mm	2400	6
113086	30	860	60mm, 65mm	2610	4



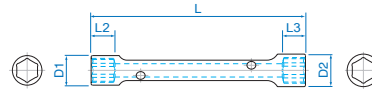
End Tubular Wrench

19A0

- Chrome vanadium alloy steel
- Chrome plated



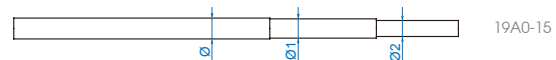
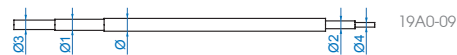
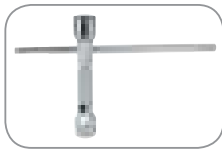
- Double end socket wrench for the hollow tube design, a long-type screw may be used.



KT NO.	OO mm	D1 mm	D2 mm	L2 mm	L3 mm	L mm	g	kg
19A00607	6 x 7	10	11	5	6	105	44	30 / 180
19A00809	8 x 9	13	14	6	7	110	60	30 / 180
19A01011	10 x 11	15	16	7.5	8	120	79	24 / 144
19A01213	12 x 13	18	19	9	9.5	140	142	18 / 144
19A01415	14 x 15	20	22	10	11	145	138	12 / 96
19A01617	16 x 17	23	24	11	12	155	190	10 / 90
19A01819	18 x 19	25	26	13	15	165	243	8 / 72
19A02022	20 x 22	28	30	15	16	170	288	8 / 72
19A02123	21 x 23	29	31	15	17	185	318	6 / 54
19A02426	24 x 26	33	35	19	21	190	396	4 / 36
19A02528	25 x 28	34	37	19	21	205	511	4 / 24
19A02729	27 x 29	37	39	21	22	210	595	2 / 12
19A03032	30 x 32	40	42	22	26	210	671	2 / 12

19A0-09

19A0-15



KT NO.	L mm	Ø mm	Ø1 mm	Ø2 mm	Ø3 mm	Ø4 mm	Applied to socket wrench sizes
19A0-09	220	7.8	6.75	4.75	5.75	2.8	19A00607~19A02022
19A0-15	300	12.7	11.75	9.75	-	-	19A02123~19A03032

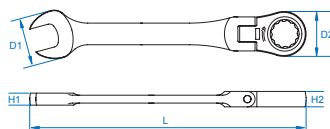
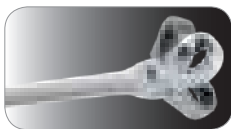
Flexible Speed Wrench



KT No. & D1

3730M

- Flexible head, open end and ratchet ring - wrench
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated



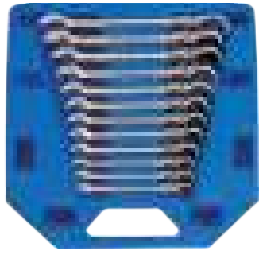
KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	kg
373008M	8	16.2	16.7	4.3	6.5	127.0	40	12 / 432
373009M	9	18.2	18.6	4.6	6.9	131.5	40	12 / 384
373010M	10	20.3	20.0	5.0	7.3	136.0	60	12 / 384
373011M	11	22.5	21.8	5.4	7.7	141.0	60	10 / 320
373012M	12	24.3	23.0	5.8	8.2	147.5	80	10 / 240
373013M	13	26.8	25.2	6.1	8.6	154.0	100	10 / 240
373014M	14	28.7	26.8	6.4	9.0	160.0	100	10 / 200
373015M	15	30.5	28.3	6.9	9.4	169.0	120	10 / 160
373016M	16	32.9	29.8	7.2	9.9	179.0	160	10 / 160
373017M	17	34.5	31.8	7.6	10.3	190.0	180	10 / 160
373018M	18	37.0	32.8	8.0	10.7	203.0	200	10 / 160
373019M	19	39.2	33.9	8.6	11.2	215.0	220	10 / 80

Flexible Speed Wrench & Set

13012MR

Blow case size (mm) :
275 x 310 x 65 (1.68 Cufft)

12
PC.



Contents

2.17 1 / 6

3730M 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

13013MR

Blow case size (mm) :
303 x 228 x 50 (1.35 Cufft)

13
PC.



Contents

1.66 1 / 8

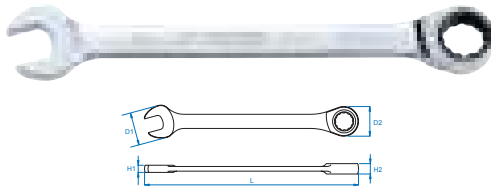
3730M 8, 10, 12, 13, 14, 16, 17, 18, 19

373202H 373202R 373203R 373204R

Speed Wrench

3731M

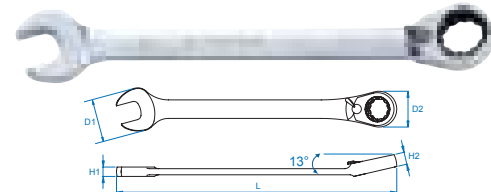
- Open end and ratchet ring - wrench
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated



KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm			
373108M	8	16.7	17.0	4.0	6.5	140.0	25	12	384
373109M	9	18.7	18.6	4.4	6.9	149.0	35	12	384
373110M	10	20.8	20.2	4.8	7.3	158.0	40	12	240
373111M	11	23.0	22.0	5.2	7.7	165.0	60	12	240
373112M	12	24.6	23.4	5.5	8.2	171.0	75	12	240
373113M	13	26.8	25.5	5.8	8.6	178.0	80	10	160
373114M	14	29.0	26.9	6.2	9.0	190.0	100	10	160
373115M	15	31.0	28.3	6.5	9.4	199.0	115	10	160
373116M	16	33.0	29.8	6.8	9.9	208.0	135	10	160
373117M	17	35.5	31.8	7.2	10.3	225.0	165	6	60
373118M	18	37.5	32.7	7.7	10.7	236.0	195	6	60
373119M	19	39.4	34.0	8.2	11.2	247.0	225	6	60
373121M	21	45.8	40.1	9.0	13.0	287.8	320	6	54
373122M	22	45.8	40.1	9.0	13.0	287.8	340	6	54
373124M	24	51.8	46.5	10.0	14.5	321.0	475	6	54
new 373127M	27	56.4	52.4	10.5	15.5	356.6	580	6	36
new 373130M	30	62.7	58.1	11.4	17.0	400.7	860	4	24
new 373132M	32	66.4	61.9	12.5	17.5	423.5	1060	4	24

3732M

- Open end and ratchet ring - wrench
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated
- Take-up: 13°
- Reversible



KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm			
new 373207M	7	16.7	16.6	4.6	6.5	140	20	12	384
373208M	8	16.7	16.6	4.6	6.5	140	20	12	384
373209M	9	18.8	18.4	4.9	6.9	150	25	12	384
373210M	10	20.8	20.0	5.3	7.3	159	40	12	240
373211M	11	23.0	21.8	5.6	7.7	165	60	12	240
373212M	12	25.0	22.7	6.0	8.2	172	75	12	240
373213M	13	27.1	24.7	6.4	8.6	178	95	10	160
373214M	14	29.2	27.0	6.8	9.0	191	110	10	160
373215M	15	31.3	28.3	7.0	9.4	200	120	10	160
373216M	16	33.4	30.0	7.2	9.9	208	160	10	60
373217M	17	35.5	31.8	7.7	10.3	226	175	6	60
373218M	18	37.6	32.6	8.2	10.7	237	205	6	60
373219M	19	39.7	33.8	8.8	11.2	248	220	6	60
373221M	21	46.0	40.0	9.0	13.0	290	320	6	54
373222M	22	46.0	40.0	9.0	13.0	290	320	6	54
373224M	24	52.2	46.0	10.0	14.5	323	465	6	54
KT NO.	Size inch	D1 mm	D2 mm	H1 mm	H2 mm	L mm			
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

KT No. & D1



Speed Wrench Set



► Teflon pouch bag

KT NO.	PC.	Contents	kg	Box/Bag
12107MRN	7	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	3731M 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	10, 11, 12, 14, 15, 17, 19	0.91	1 / 24
12207MRN01	7	3732M 8, 10, 11, 12, 13, 17, 19	0.91	1 / 24
12214MRN	14	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24	2.50	1 / 12
12212MRN	12	8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 22, 24	2.06	1 / 8
12207SRN	7	3732S 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	0.91	1 / 24

13113MR

Blow case size (mm) :
303 x 228 x 50 (1.35 Cuft)



13113MR

13213MR



13213MR

13
PC.

KT NO.	Contents	kg	Box/Bag
13113MR	3731M 8, 10, 12, 13, 14, 16, 17, 18, 19	1.64	1 / 8
13213MR	3732M 373202H 373202R 373203R 373204R		

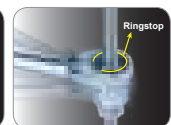
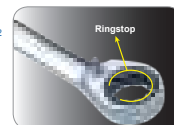
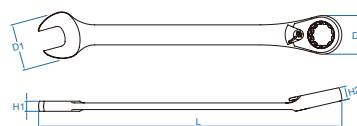
Ringstop Speed Wrench

373AM

- Ringstop function
- Open end and ratchet ring - wrench
- 5° gear action (72 teeth)
- Reversible
- Take - up: 13°
- Chrome vanadium alloy steel
- Chrome plated



KT No. & D1



KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	kg	Box/Bag
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

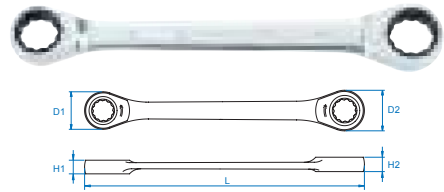
Double End Speed Wrench

KT No. & D1



3736M

- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated

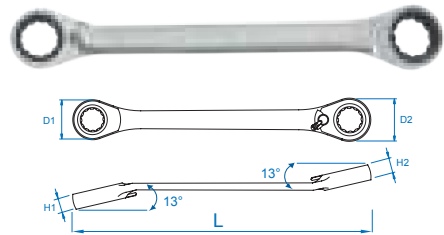


KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	kg
37360809M	8 x 9	16.8	20.2	6.5	6.9	128	45	10 / 320
37361011M	10 x 11	20.2	21.8	7.3	7.7	150	65	10 / 200
37361013M	10 x 13	20.2	24.8	7.3	8.6	150	70	10 / 200
37361213M	12 x 13	23.0	24.8	8.2	8.6	170	100	10 / 200
37361415M	14 x 15	26.5	29.5	9.0	9.4	190	120	10 / 160
37361618M	16 x 18	29.5	33.5	9.9	10.7	210	190	10 / 120
37361719M	17 x 19	31.5	33.5	10.3	11.2	230	210	10 / 120

Double End Speed Wrench & Set

3737M

- 5° gear action (72 teeth)
- Reversible
- Take-up: 13°
- Chrome vanadium alloy steel
- Chrome plated



KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	g	kg
37370607M	6 x 7	14.2	17.2	6.3	6.5	115	36	10 / 320
37370809M	8 x 9	16.8	20.2	6.5	6.9	128	45	10 / 320
37371011M	10 x 11	20.2	21.8	7.3	7.7	150	61	10 / 200
37371213M	12 x 13	23.0	24.8	8.2	8.6	170	90	10 / 200
37371415M	14 x 15	26.5	29.5	9.0	9.4	190	130	10 / 160
37371618M	16 x 18	29.5	33.5	9.9	10.7	210	183	10 / 120
37371719M	17 x 19	31.5	33.5	10.3	11.2	230	209	10 / 120
37372123M	21 x 23	40.0	46.0	13	14.5	260	408	8 / 64
37372224M	22 x 24	40.0	46.0	13	14.5	260	397	8 / 64

12706MR



6 PC.



KT NO.	Contents	g	kg	kg
3737M	8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18, 17 x 19	0.72	1 / 16	

12709MRN



9 PC.

► Tetoron pouch bag

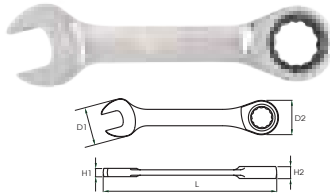
KT NO.	Contents	g	kg	kg
3737M	6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18, 17 x 19, 21 x 23, 22 x 24	1.50	1 / 16	



Stubby Speed Wrench & Set

3738M

- Open-ended and ratchet ring-wrench
- 5° gear action (72 teeth)
- Chrome vanadium alloy steel
- Chrome plated



KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	⚖️	📦	📦
373810M	10	22.0	21.5	4.6	7.6	95	47	15	360
373811M	11	23.8	23.0	5.1	8.0	103	55	15	360
373812M	12	26.0	24.8	5.3	8.5	106	65	15	360
373813M	13	27.5	26.1	5.6	8.7	108	75	15	360
373814M	14	30.5	27.6	6.0	9.3	115	88	15	360
373815M	15	31.8	29.2	6.3	9.9	119	104	15	360
373816M	16	34.0	30.9	6.5	10.0	123	111	10	200
373817M	17	36.0	32.3	7.0	10.6	127	143	10	200
373819M	19	40.2	35.5	8.0	11.7	139	183	10	120

12807MR

Blow case size (mm) :
245 x 165 x 52 (1.21 Cuff)

7 PC.



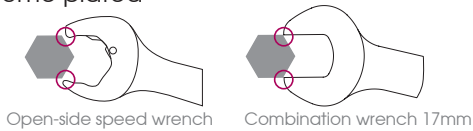
Contents ⚖️ 0.92 📦 1 / 10

3738M | 10, 12, 13, 14, 15, 17, 19 mm

Open-side Speed Wrench & Set

3721M

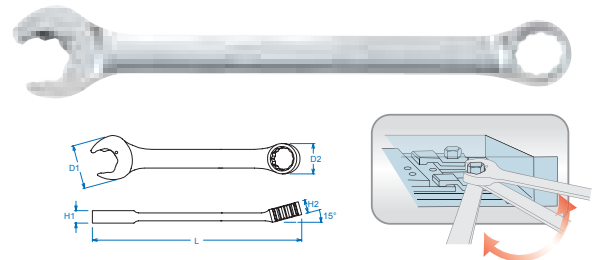
- Open-side speed wrench
- Torque rating exceeds ANSI specifications by 30% plus
- The special ratcheting open end design will not slip off the screw when torque is applied
- Chrome vanadium alloy steel
- Chrome plated



Open-side speed wrench Combination wrench 17mm

KT NO.	Size mm	D1 mm	D2 mm	H1 mm	H2 mm	L mm	⚖️	📦	📦
372108M	8	17.8	13.3	5.0	6.0	136	38	12	384
372110M	10	22.2	16.6	6.0	7.2	161	60	12	288
372111M	11	25.4	17.5	6.6	7.4	168	68	12	288
372112M	12	26.3	19.2	7.5	7.9	174	83	12	288
372113M	13	28.2	20.3	7.9	8.6	180	100	10	240
372114M	14	31.5	21.3	8.5	9.2	193	123	10	120
372115M	15	32.8	23.6	8.5	9.7	200	143	10	120
372116M	16	34.9	23.6	9.0	10.8	207	171	10	120
372117M	17	37.4	28.1	9.5	10.9	227	191	10	100
372118M	18	39.0	28.0	9.8	11.2	239	220	10	100
372119M	19	41.2	29.3	9.8	12.2	250	250	6	60

3721S



KT NO.	Size inch	D1 mm	D2 mm	H1 mm	H2 mm	L mm	⚖️	📦	📦
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








▶ Teflon pouch bag

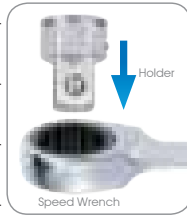
KT NO.	PC.	Contents	⚖️	📦
14111MRN	11	3721M | 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	1.59	1 / 12
14108SRN	8	3721S | 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	1.11	1 / 16



Speed Wrench Adaptor

3732H / 3732R

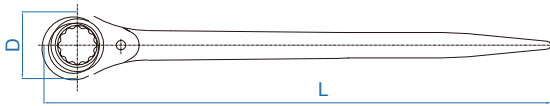
KT NO.	Apply to speed wrench	Function
373202H		10 mm 1/4" Bit
373202R		10 mm 1/4" drive
373203R		13 mm 3/8" drive
373225H		13 mm 5/16" Bit
373204R		19 mm 1/2" drive





Podger Ratchet Wrench

1500 new

- Double sizes ratchet head
- Reversible switch for tightening and loosening the screw
- Taper end bar
- For scaffolding construction work
- 32 teeth



KT NO.	mm	T mm	D mm	L mm		
15001012P	10 x 12	38	31	241	209.4	2 / 120
15001113P	11 x 13	38	31	241	209.4	2 / 120
15001214P	12 x 14	38	31	241	220	2 / 120
15001317P	13 x 17	45	34	280	280	2 / 90
15001415P	14 x 15	45	34	280	280	2 / 90
15001417P	14 x 17	45	34	280	280	2 / 90
15001719P	17 x 19	50	42	320	506	2 / 40
15001721P	17 x 21	50	42	320	506	2 / 40
15001921P	19 x 21	50	42	320	506	2 / 40
15001922P	19 x 22	50	42	320	506	2 / 40
15001924P	19 x 24	56	51.5	365	820	2 / 24
15002123P	21 x 23	56	51.5	365	820	2 / 24
15002224P	22 x 24	56	51.5	365	830	2 / 24
15002326P	23 x 26	56	51.5	365	830	2 / 24
15002427P	24 x 27	56	51.5	365	830	2 / 24
15002430P	24 x 30	63	61.5	402	1150	2 / 16
15002632P	26 x 32	63	61.5	402	1150	2 / 16
15002730P	27 x 30	63	61.5	402	1150	2 / 16
15002732P	27 x 32	63	61.5	402	1150	2 / 16
15003032P	30 x 32	63	61.5	402	1150	2 / 16
15003236P	32 x 36	67	67	450	1525	2 / 8
15003638P	36 x 38	67	67	450	1525	2 / 8
15003641P	36 x 41	67	67	450	1525	2 / 8
15003841P	38 x 41	67	67	450	1470	2 / 8

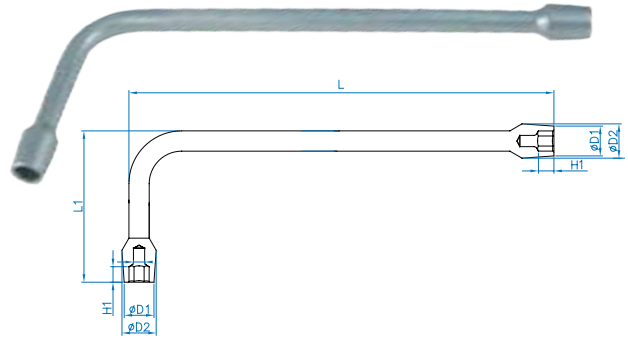
Angled Socket Wrench & Set



1084



5084

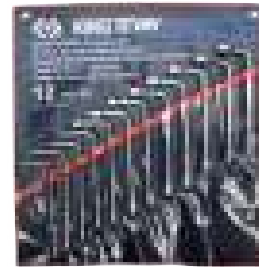


- Conic profile and thin walled
- Convenient to facilitate the force-depth objects
- High quality steel, chrome plated





KT NO.	mm	D1 mm	D2 mm	H1 mm	L1 mm	L mm		
1084-08	8	12.5	14.0	10	88	230	191	12 / 48
1084-09	9	14.0	15.5	10	88	230	191	12 / 48
1084-10	10	15.0	16.5	10	88	230	191	10 / 40
1084-11	11	16.0	17.5	11	88	230	294	10 / 40
1084-12	12	17.4	19.5	12	98	245	311	6 / 30
1084-13	13	18.9	21.0	12	98	245	395	6 / 30
1084-14	14	19.8	22.0	12	98	260	350	6 / 24
1084-15	15	21.7	24.0	13	98	260	391	6 / 24
1084-16	16	22.2	24.5	13	98	260	388	6 / 24
1084-17	17	24.5	27.0	14	98	260	488	6 / 24
1084-18	18	25.5	28.0	15	98	260	567	6 / 24
1084-19	19	27.1	30.0	15	98	260	595	6 / 24

KT NO.	inch	D1 mm	D2 mm	H1 mm	L1 mm	L mm		
5084-16	1/2	18.9	21.0	23	12	245	320	6 / 30
5084-18	9/16	19.8	22.0	23	12	260	336	6 / 24



► Nylon pouch bag

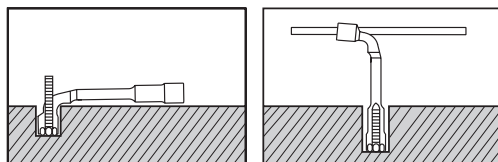
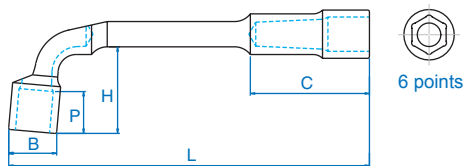
KT NO.	PC.	Contents		
1839MR	9	8, 10, 11, 12, 13, 14, 15, 17, 19	3.2	1 / 6
1842MR	12	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19	4.2	1 / 6



Angled Socket Wrench

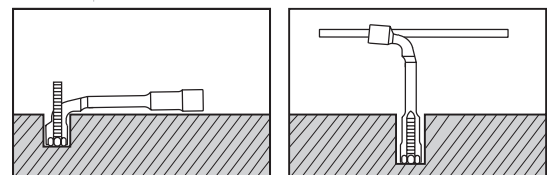
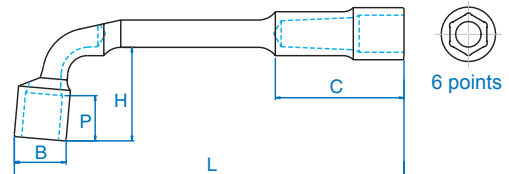
1080





- Angle and through-hole design
- Deep concave at one side and open end socket at the other, easily fit over protruding studs
- High quality steel, chrome plated
- ISO 2236







1081

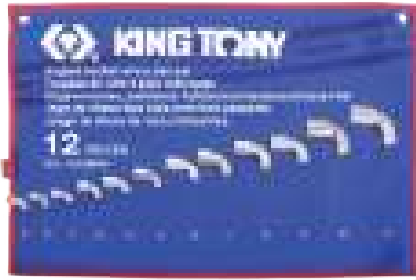
- Angle and through-hole design
- Deep concave at one side and open end socket at the other, easily fit over protruding studs
- High quality steel, chrome plated
- ISO 2236



KT NO.	 mm	B mm	P mm	H mm	C mm	L mm			
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

KT NO.	 mm	B mm	P mm	H mm	C mm	L mm			
1081-06	6	11.0	7.0	18.5	29	110	55	12	240
1081-07	7	11.5	8.0	21.0	30.5	114	60	12	240
1081-08	8	13.0	10.0	21.5	30	120	62	12	216
1081-09	9	14.0	10.0	22.0	33	125	65	12	216
1081-10	10	15.0	11.0	25.5	35	131	100	6	60
1081-11	11	16.5	12.0	26.5	37	137	115	6	60
1081-12	12	17.5	12.0	27.0	40	144	155	6	60
1081-13	13	19.0	14.0	30.0	47	152.5	180	6	60
1081-14	14	20.0	14.0	33.0	48	160	185	6	60
1081-15	15	21.5	15.0	35.0	50	174	210	6	60
1081-16	16	22.5	17.0	39.5	54	185	285	6	60
1081-17	17	24.0	18.0	39.5	56	197	315	6	60
1081-18	18	25.0	19.5	42.0	58	211	370	4	40
1081-19	19	26.5	20.5	45.0	62	218	425	4	40
1081-20	20	27.5	21.5	45.0	63	222	445	2	20
1081-21	21	29.0	23.5	49.0	65	231	495	2	20
1081-22	22	30.0	23.5	49.0	67	247	530	2	16
1081-23	23	31.5	24.5	54.0	74	255	610	2	16
1081-24	24	32.5	25.5	56.0	77	266	670	2	16
1081-25	25	34.0	25.5	58.0	79	278	780	2	16
1081-26	26	35.0	25.5	59.0	80	289	805	2	16
1081-27	27	36.5	27.5	59.0	84	299	975	2	16
1081-28	28	37.5	27.5	60.0	86	310	1005	2	16
1081-29	29	39.0	28.5	62.0	90	319	1060	2	16
1081-30	30	40.0	28.5	65.0	93	332	1290	2	12
1081-32	32	42.5	28.5	69.0	95	353	1410	2	12

Angled Socket Wrench Set



► MRN / SRN : Tetonon pouch bag







► MR / SR : Nylon pouch bag



► Color box



KT NO.	PC.	Contents	Package	 Kg	
1805MR	5	10, 11, 13, 14, 17	Color box	1.12	1 / 22
1808MR	8	 1080 8, 10, 11, 12, 13, 14, 17, 19	Nylon	1.73	1 / 18
1812MR	12	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24	Nylon	3.38	1 / 4
1826MR	26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	Color box	14.0	1 / 2
1912MR	12		Nylon	3.38	1 / 4
1912MRN	12	 1081 8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 22, 24	Tetonon	3.38	1 / 4
1926MR	26	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32	Color box	15.0	1 / 2

Adjustable Wrench

3611

- Chrome vanadium alloy steel
- Polish, phosphate & chrome plated
- DIN 3117



3611R



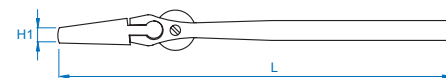
3611HR









3611P



3611HP

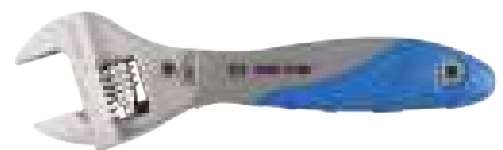



KT NO.	 mm	H1 mm	L mm		
3611-06R	20	7	150	125	12 / 108
3611-08R	25	8	200	226	12 / 48
3611-10R	30	11	250	430	10 / 60
3611-12R	35	13	300	680	5 / 40
3611-06P	20	7	150	125	12 / 108
3611-08P	25	8	200	226	12 / 48
3611-10P	30	11	250	430	10 / 60
3611-12P	35	13	300	680	5 / 40

KT NO.	 mm	H1 mm	L mm		
3611-15HR	43	13	365	1485	1 / 20
3611-18HR	52	18	450	1750	1 / 6
3611-24HR	62	23	600	3343	1 / 6
3611-15HP	43	13	365	1485	1 / 20
3611-18HP	52	18	450	1750	1 / 6
3611-24HP	62	23	600	3343	1 / 6

3631-10R

- Chrome vanadium alloy steel
- Magic button to switch ratchet function on/ off
- Wider jaw opening, comfortable & durability
- Excellent in each movement of knurl, tension enhanced and precise
- Patented, more than 130% of ASME



KT NO.	 mm	Overall length mm		
3631-10R	32	257	470	6 / 36



Double Sides Self-Adjusting Wrench

3616-10 new

- Self-locking function grip, ideal for fastener 8~32mm.
- Anti-slip teeth effective on worn screws.
- Slim jaw allows for working in confined area.
- Multi-purpose to all shape of fastener



Spline 12 points

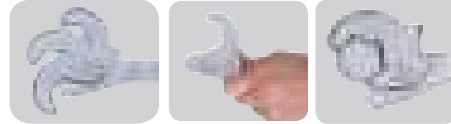
Square

Torx

Hexagon

70% Rounded bolt

KT NO.	Size mm		
3616-10	8~17 14~32	466	6 / 36



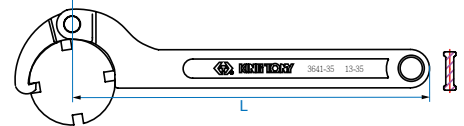
Adjustable Hook Spanner Wrench

3641

- The joint is equipped with a spring washer to ensure smooth and reliable operation
- Chrome vanadium alloy steel



KT NO.	Capacity mm	L		
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
3641-10	120-180	480	1260	4 / 16



Chain Wrench

3204

- Chain wrench for oil filter



KT NO.	Overall length inch	mm	Capacity(M) mm		
3204	8-3/4	225	∅ 60~140	359	50

Strap Wrench

3203

- Strap wrench for oil filter

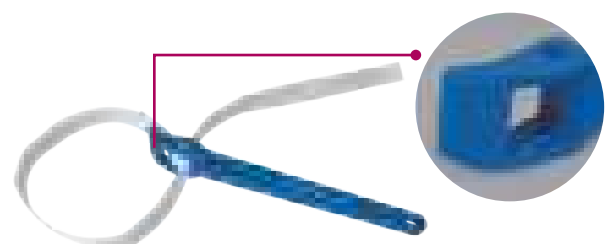


KT NO.	Overall length inch	mm	Capacity(M) mm		
3203	8-3/4	223	∅ 60~140	242	50
320300		Strap		46	80
3203A0	8-3/4	223	∅ 60~260	300	50
320301		Strap		73	80

320670

- Aluminum alloy handle and strong nylon strap for tight grip
- Suitable for oil filter or any polished pipe

Serrated makes grip tightly

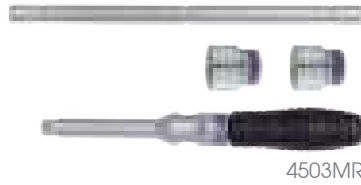
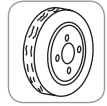
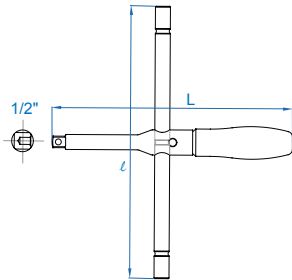


KT NO.	Overall Length inch	mm	Capacity mm		
320670	12	295	∅ 60~180	343.8	50
320600		Nylon strap		34.6	50

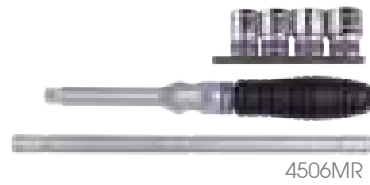
T-Spin Lug Wrench Set

4503MR

- Fast spinning action extension wrench
- Reach deep area with soft grip handle
- Suitable for passenger vehicles



4 PC.



6 PC.

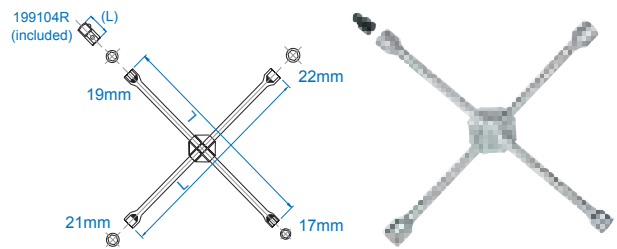
ITEM NO.	Size	l mm	L mm		
4503MR	■ 1/2"	300	265	1.36	10
	○ 4335MR 19, 21 mm				
4506MR	■ 1/2"	300	265	1.56	10
	○ 4335MR 17, 19, 21, 23 mm				

Wheel Nut Wrench

1991

- For most car wheel nuts in metric
- Chrome vanadium alloy steel
- Chrome plated
- DIN 3119 ISO 6788

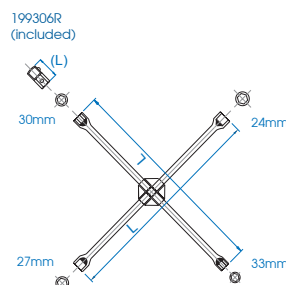
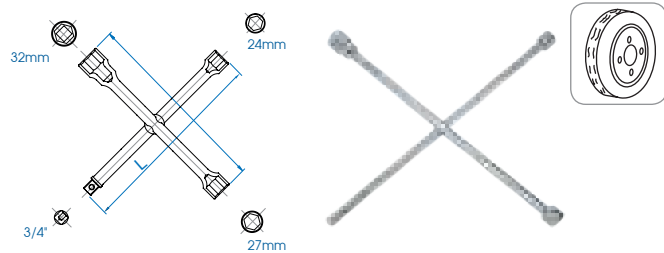
KT NO.	inch	mm	L mm		
19911722	1/2	17, 19, 21, 22	400	1700	6
199104R	1/2	19	34	84	10 / 240



1993

- Designed for removing wheel nuts on cars and heavy vehicles
- Replaceable bit on wrenches featuring a square drive
- Chrome vanadium alloy steel
- Chrome plated

KT NO.	inch	mm	L mm		
19932427	3/4	24, 27, 32	700	4333	4



- T-type 90° universal joint driver

KT NO.	inch	mm	L mm		
19932433	3/4	24, 27, 30, 33	700	5.02	2
199306R	3/4	30	48	0.21	-

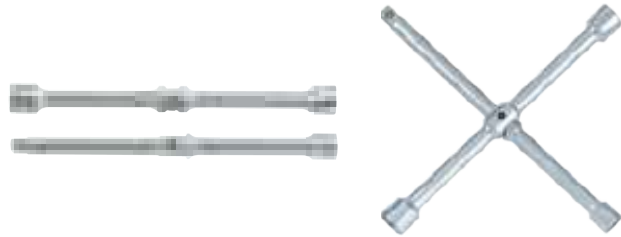
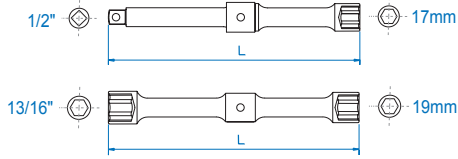


Assembling Wheel Nut Wrench

1996

• PAT. 192461

- For most car wheel nuts in metric
- Chrome vanadium alloy steel
- Chrome plated



KT NO.	inch	inch	mm	L mm	⚖️	📦
19961721	13/16	1/2	17, 19	300	1100	20

Double-End Truck Wrench & Set

1999

1999R

new

1999A

new

- Chrome vanadium alloy steel
- Chrome plated



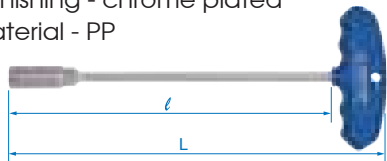
Wrench KT NO.	Size mm	∅ mm	Overall length mm	Tommy Bar KT NO.	Overall length mm	Set KT NO.	⚖️	📦
19991921	19 x 21	∅16	300	19980016	300	19991921A	1183	1 / 20
19992224	22 x 24	∅19	400	199920R	400	19992224A	2330	1 / 8
19992427	24 x 27	∅19	400	199920R	400	19992427A	2673	1 / 8
19992432	24 x 32	∅19	400	199920R	400	19992432A	2360	1 / 8
19992730	27 x 30	∅19	400	199920R	400	19992730A	2740	1 / 8
19992732	27 x 32	∅19	400	199920R	400	19992732A	2762	1 / 8
19992733	27 x 33	∅19	400	199920R	400	19992733A	2796	1 / 8
19992833	28 x 33	∅19	400	199920R	400	19992833A	2440	1 / 8
19993032	30 x 32	∅19	400	199920R	400	19993032A	2853	1 / 8
19993233	32 x 33	∅19	400	199920R	400	19993233A	2875	1 / 8
19993238	32 x 38	∅19	400	199920R	400	19993238A	3055	1 / 4
19993821	○ 38 x ○ 21 SQ.	∅25	400	199925R	595	19993821A	3794	3
19993822	○ 38 x ○ 22 SQ.	∅25	400	199925R	595	19993822A	3794	3
19994121L	○ 41 x ○ 21 SQ.	∅25	450	199925R	595	19994121LA	4074	3



T-type Deep Socket Wrench

115HM

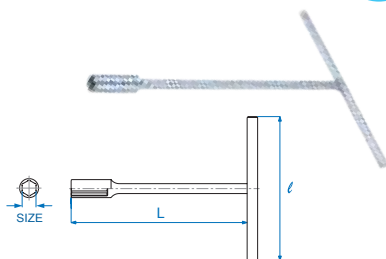
- Shank material - chrome vanadium alloy steel
- Shank finishing - chrome plated
- Grip material - PP



KT NO.	O mm	l mm	L mm	Weight	Pkg
115H05M-10	5	260	300	140.0	12 / 96
115H06M-10	6	260	300	147.0	12 / 96
115H07M-10	7	260	300	161.8	12 / 96
115H08M-10	8	260	300	159.0	12 / 96
115H09M-10	9	260	300	161.2	12 / 96
115H10M-10	10	260	300	170.6	12 / 96
115H11M-10	11	260	300	203.4	12 / 96
115H12M-10	12	260	300	205.0	12 / 96
115H13M-10	13	260	300	204.6	12 / 96
115H08M-14	8	350	388	147.0	10 / 60
115H10M-14	10	350	388	153.0	10 / 60
115H13M-14	13	350	390	261.0	8 / 32

1184M

- T-shaped deep socket wrench
- Chrome vanadium alloy steel
- DIN 475

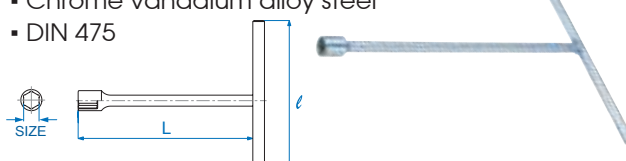


KT NO.	Size mm	l mm	L mm	Weight	Pkg
118406M	6	120	190	53	10 / 40
118407M	7	120	190	73	10 / 40
118408M	8	200	300	212	10 / 60
118409M	9	200	300	307	10 / 60
118410M	10	200	300	317	10 / 60
118411M	11	200	300	327	10 / 60
118412M	12	200	300	328	10 / 60
118413M	13	200	300	333	10 / 60
118414M	14	200	300	345	10 / 60
118417M	17	250	300	602	6 / 36

T-type Standard Socket Wrench

1185M

- T-shaped standard socket wrench
- Chrome vanadium alloy steel
- DIN 475

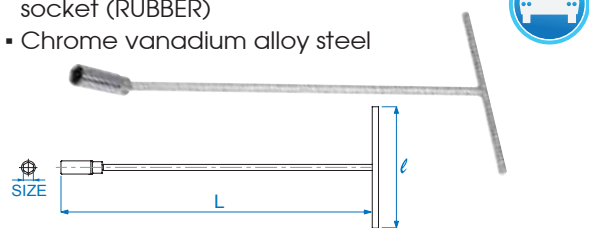


KT NO.	Size mm	l mm	L mm	Weight	Pkg
118508M	8	200	250	186	10 / 100
118509M	9	200	250	231	10 / 100
118510M	10	200	250	228	10 / 100
118511M	11	200	250	234	10 / 100
118512M	12	250	250	386	10 / 60
118513M	13	250	300	421	10 / 60
118514M	14	250	300	429	10 / 60
118517M	17	300	300	710	6 / 36
118519M	19	300	300	725	6 / 36

T-type Spark Plug Socket

1563

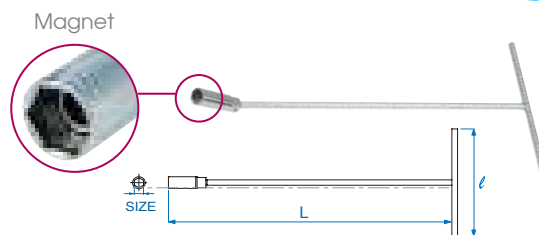
- T-type 25° universal spark plug socket (RUBBER)
- Chrome vanadium alloy steel



KT NO.	Size mm	l mm	L mm	Weight	Pkg
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



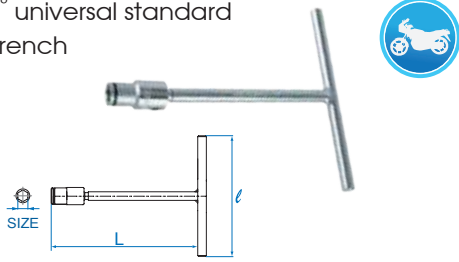
KT NO.	Size mm	l mm	L mm	Weight	Pkg
15661612	16	200	300	400	10 / 40
15661615	16	200	385	420	10 / 40
15661618	16	200	460	460	10 / 40
15661818	18	200	460	450	10 / 40
15662112	21	200	300	420	10 / 40
15662115	21	200	385	460	10 / 40
15662118	21	200	460	510	10 / 40



T-type Universal Standard Socket Wrench

5722M

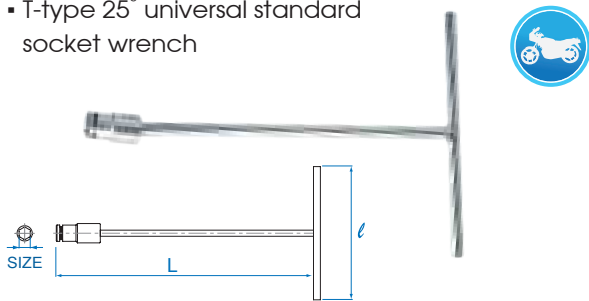
- T-type 25° universal standard socket wrench



KT NO.	Size mm	l mm	L mm		
572210M	10	150	170	400	10 / 60
572212M	12	150	170	400	10 / 60

5742M

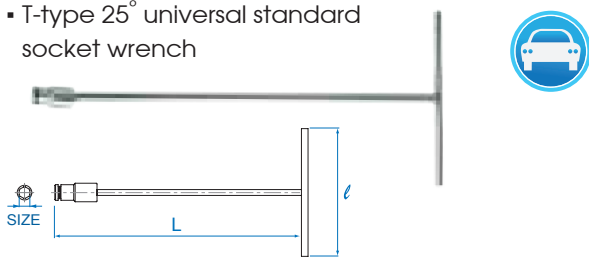
- T-type 25° universal standard socket wrench



KT NO.	Size mm	l mm	L mm		
574208M	8	200	320	328	10 / 40
574212M	12	200	320	332	10 / 40
574213M	13	200	320	333	10 / 40
574214M	14	200	320	335	10 / 40
574217M	17	200	320	340	10 / 40

5752M

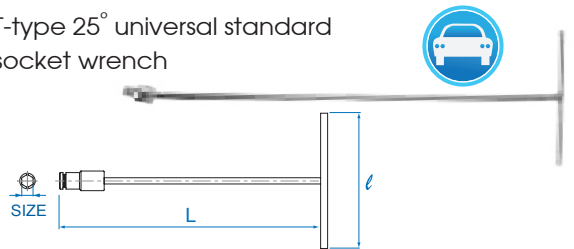
- T-type 25° universal standard socket wrench



KT NO.	Size mm	l mm	L mm		
575208M	8	200	450	427	10 / 40
575210M	10	200	450	430	10 / 40
575212M	12	200	450	432	10 / 40
575213M	13	200	450	433	10 / 40
575214M	14	200	450	435	10 / 40
575217M	17	200	450	440	10 / 40

5762M

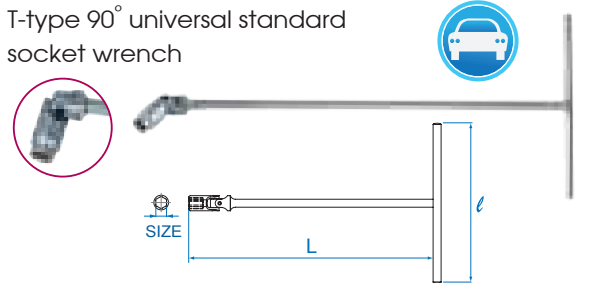
- T-type 25° universal standard socket wrench



KT NO.	Size mm	l mm	L mm		
576208M	8	200	600	519	10 / 40
576210M	10	200	600	520	10 / 40
576212M	12	200	600	522	10 / 40
576213M	13	200	600	523	10 / 40
576214M	14	200	600	525	10 / 40
576217M	17	200	600	540	10 / 40

5772M

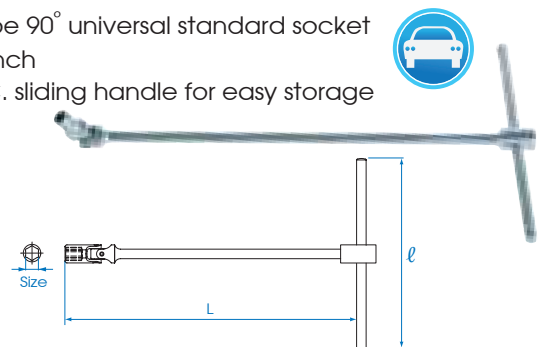
- T-type 90° universal standard socket wrench



KT NO.	Size mm	l mm	L mm		
577208M	8	200	400	425	10 / 40
577210M	10	200	400	425	10 / 40
577212M	12	200	400	425	10 / 40
577213M	13	200	450	425	10 / 40
577214M	14	200	450	425	10 / 40
577217M	17	200	450	425	10 / 40

5774M

- T-type 90° universal standard socket wrench
- 2 PC. sliding handle for easy storage



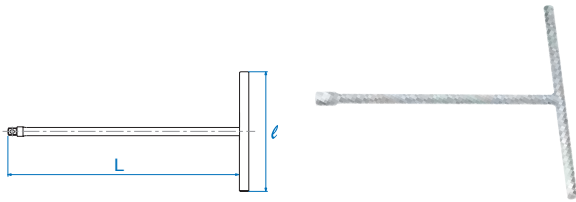
KT NO.	Size mm	l mm	L mm		
577406M	6	200	390	420	10 / 30
577407M	7	200	390	420	10 / 30
577408M	8	200	390	420	10 / 30
577409M	9	200	390	420	10 / 30
577410M	10	200	500	480	10 / 30
577411M	11	200	500	480	10 / 30
577412M	12	200	500	480	10 / 30
577413M	13	200	500	480	10 / 30
577414M	14	200	500	500	10 / 30
577415M	15	200	500	500	10 / 30
577416M	16	200	500	500	10 / 30
577417M	17	200	500	500	10 / 30
577418M	18	200	500	500	10 / 30
577419M	19	200	500	500	10 / 30

T-shaped Driver

3511

3/8"

- Chrome vanadium alloy steel



KT NO.	ℓ mm	L mm		
3511-06	170	268	325	5 / 30
3511-10	250	268	386	6 / 30

3795

3/8"

- T-type 90° universal joint driver
- Chrome vanadium alloy steel

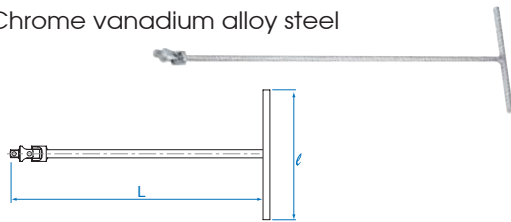


KT NO.	ℓ mm	L mm		
3795-15	200	375	375	10 / 40
3795-18	200	455	425	10 / 40
3795-24	200	600	500	10 / 40
3795-30	200	750	600	10 / 30

4795

1/2"

- T-type 90° universal joint driver
- Chrome vanadium alloy steel

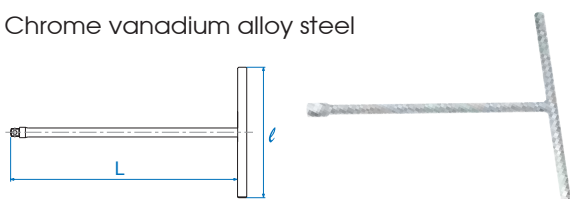


KT NO.	ℓ mm	L mm		
4795-18	200	460	567	10 / 30
4795-24	200	600	700	10 / 30
4795-30	200	750	850	10 / 20
4795-36	200	900	1000	10 / 20

4511

1/2"

- Chrome vanadium alloy steel



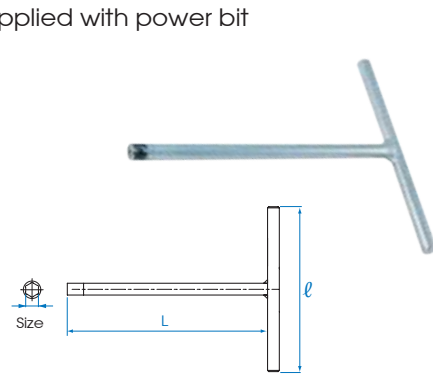
KT NO.	ℓ mm	L mm		
4511-06	170	268	400	5 / 30
4511-10	250	268	468	6 / 30

T-shaped Driver

- Chrome vanadium alloy steel
- Chrome plated

21A107

- Applied with power bit

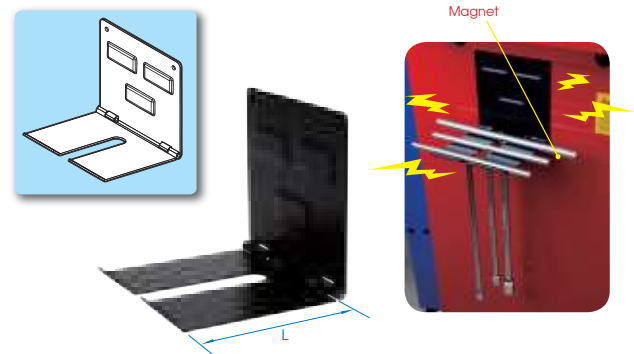


KT NO.	Size inch	ℓ mm	L mm		
21A107	1/4	150	175	194	10 / 60

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		
9TE21	120	5	11	533	1 / 45



PLIERS

- Pliers
- Bolt Cutter
- Circlip Pliers
- Insulated Pliers
- Grip Pliers
- Wire Twisting Pliers

High performance for cutting

A greater hardness at the edge makes it very sharp and easy to cut. Wear-resistant design is for different purposes pliers and cutters. Our high leverage combination pliers quality is tested by cutting piano wire with sharp performance.

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



0.19mm

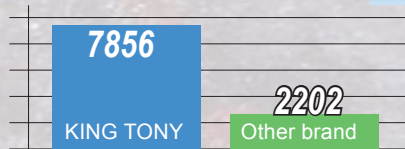
King Tony Brand:
Wore down 0.19mm
(good)



0.33mm

Other Brand:
Wore down 0.33mm
(not good)

Exceed other brands **356%**



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



CUTTING EDGES TECHNICAL BASICS

CUTTING EDGE SHAPES



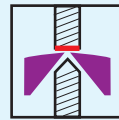
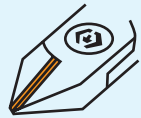
With bevel
(outside bevel)



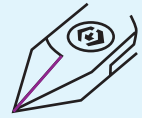
With very small bevel
(outside bevel)



With small bevel
(outside bevel)



Without bevel
(outside bevel)



WIRE CLASSES



Soft wire



Copper / Aluminium



Hard wire



Spring wire / Steel nail



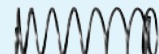
Medium hard wire



Steel nail



Piano wire



Hardend spring steel

TECHNICAL BASICS



Thin
serrated



Coarse
serrated



With opening
spring



JAWS TYPES



Round jaws



Half-round jaws



Flat & point jaws

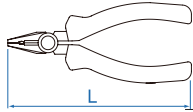


Combination Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6114

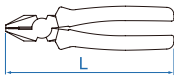
- Mini type
- DIN ISO 5746



KT NO.	L		Cutting capacities				⚖️	📦
	inch	mm	⊙	⊙	⊙	⊙		
6114-05	5	122	3.0	2.0	85	8 / 160		

6111

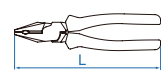
- European type
- Polished head
- DIN ISO 5746



KT NO.	L		Cutting capacities				⚖️	📦
	inch	mm	⊙	⊙	⊙	⊙		
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

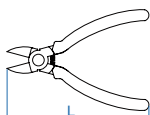


KT NO.	L		Cutting capacities				⚖️	📦
	inch	mm	⊙	⊙	⊙	⊙		
6112-09	9	225	4.0	3.0	2.2	2.0	348	6 / 60
6112-09C	9	225	4.0	3.0	2.2	2.0	359	6 / 60

Plastic Pliers

6921

- European type
- Polished head



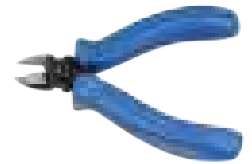
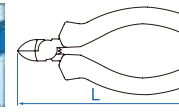
CAUTION ⚠️ In order to get normal life of pliers, do not cut steel wire.

KT NO.	L		⚖️	📦
	inch	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

Diagonal Pliers

6214

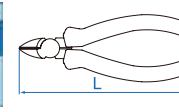
- Mini type



KT NO.	L		∅ Max. mm	⚖️	📦
	inch	mm			
6214-45	4-1/2	115	0.6	84	8 / 160
6214-05	5	127	1.25	94	8 / 160

6211

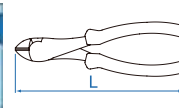
- European type
- DIN 5749



KT NO.	L		Cutting capacities				⚖️	📦
	inch	mm	⊙	⊙	⊙	⊙		
6211-06	6-1/2	163	4.0	2.8	2.0	1.6	194	8 / 96

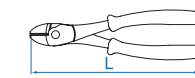
6231

- Heavy duty type
- DIN ISO 5749



KT NO.	L		Cutting capacities				⚖️	📦
	inch	mm	⊙	⊙	⊙	⊙		
6231-07	7-1/2	88	4.0	3.0	2.2	2.0	240	8 / 80
6231-08	8	200	5.0	3.5	2.2	2.0	312	8 / 80

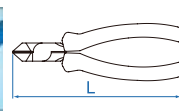
6232 new



KT NO.	L		Cutting capacities				⚖️	📦
	inch	mm	⊙	⊙	⊙	⊙		
6232-08	8	200	5.0	3.5	2.2	2.0	285	8 / 80

6213

- Japanese type



KT NO.	L		Cutting capacities	Wire stripper	⚖️	📦
	inch	mm					∅ mm	mm
6213-06	6-1/2	163	1.25	1.4 / 1.6	179	8 / 96

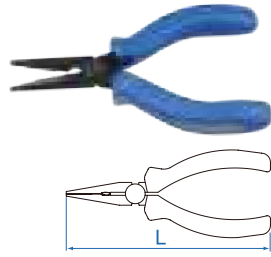


Long Nose Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6314

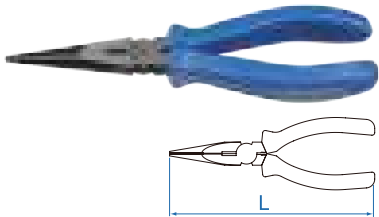
- Mini type
- DIN ISO 5745



KT NO.	inch	L mm	Cutting capacities				100	8 / 160
			3.0	2.0	1.6	Ø mm		
6314-05	5-1/2	140	3.0	2.0	1.6			

6311

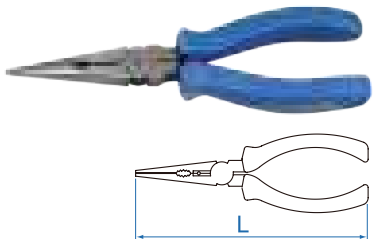
- European type
- DIN ISO 5745



KT NO.	inch	L mm	Cutting capacities				147	10 / 120
			4.0	2.8	1.8	1.6			Ø mm
6311-06	6-1/2	164	4.0	2.8	1.8	1.6		
6311-08	8	200	4.0	3.0	2.0	1.6	219	

6313

- Japanese type
- DIN ISO 5745

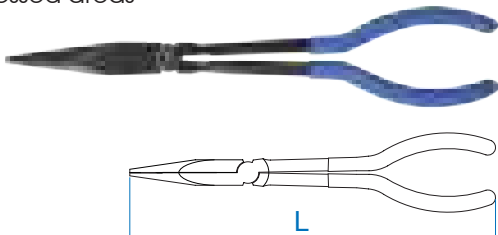


KT NO.	inch	L mm	Cutting capacities				145	10 / 120
			4.0	2.8	1.8	1.6			Ø mm
6313-06	6-1/2	169	4.0	2.8	1.8	1.6		

Extra Long Nose Pliers

6319

- Slim jaws design for gripping components in recessed areas

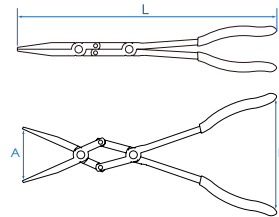


KT NO.	inch	L mm	317	6 / 48
6319-11C	11	280		

Double Joint Nose Pliers

6329

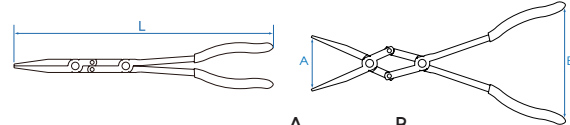
- Double joint and slim profile, for working a greater width in a narrow space, even single-handed
- Serrated nose for good grip



KT NO.	inch	L mm	A Up on jaw capacity (mm)	B Grip width (mm)	365	5 / 40
6329-13C	13	340	50	110		

6339

- Double joint and slim profile, for working a greater width in a narrow space, even single-handed
- Serrated nose for good grip

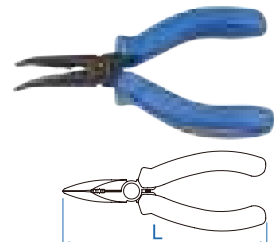


KT NO.	inch	L mm	A Up on jaw capacity (mm)	B Grip width (mm)	365	5 / 40
6329-13C	13	335	50	110		

Bent Nose Pliers

6334

- Mini type
- DIN ISO 5745



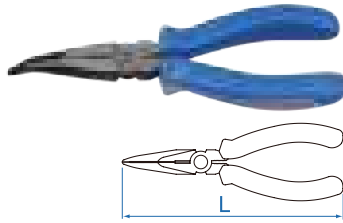
KT NO.	inch	L mm	Cutting capacities			102	8 / 160
			3.0	2.0	1.6		
6334-05	5	127	3.0	2.0	1.6		

Bent Nose Pliers

• Grip material - PP + TPR / item no. with "C" is made of PVC

6331

- European type
- DIN ISO 5745

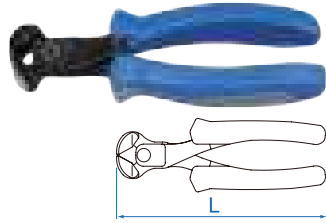


KT NO.	inch	L mm	Cutting capacities				Scales	Box / Carton
			4.0	2.8	1.8	1.6		
6331-06	6-1/2	163	4.0	2.8	1.8	1.6	149	10 / 120
6331-08	8	200	4.0	3.0	2.0	1.6	220	8 / 80

End Cutting Pliers

6411

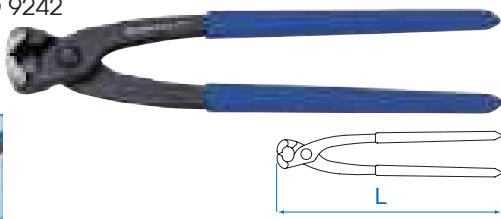
- European type
- DIN ISO 5748



KT NO.	inch	L mm	Cutting capacities				Scales	Box / Carton
			4.0	3.0	1.6	1.6		
6411-06	6-1/2	163	4.0	3.0	1.6	1.6	268	8 / 96

6431

- European type
- DIN ISO 9242

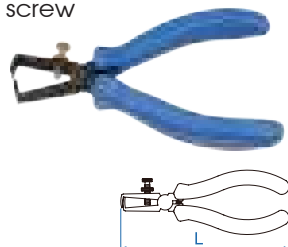


KT NO.	inch	L mm	Cutting capacities		Scales	Box / Carton
			2.0	1.6		
6431-10C	10	254	2.0	1.6	445	6 / 48
6431-11C	11	278	2.2	1.8	510	6 / 48

Stripping Pliers

6711

- With spring and adjusting screw

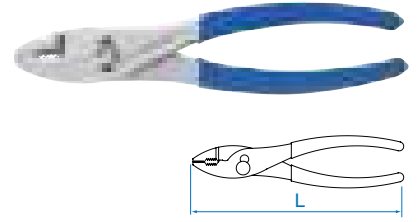


KT NO.	inch	L mm	ø mm	Wire stripper mm ²	Scales	Box / Carton

Slip Joint Pliers

6463

- 2 positions adjustment
- Serrate jaws

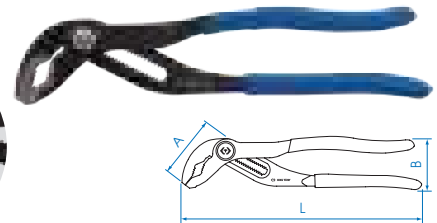
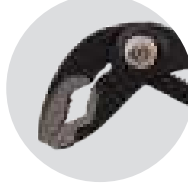


KT NO.	inch	L mm	Scales	Box / Carton

Groove Joint Pliers

6517

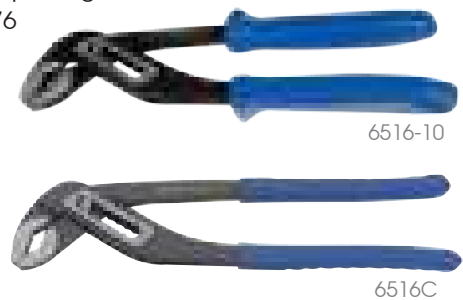
- Quick lock
- Grip material-PVC
- DIN ISO 8976



KT NO.	inch	L mm	mm	A mm	B mm	Scales	Box / Carton
6517-10C	10	250	60	68	56	360	6 / 48
6517-12C	12	310	70	89	73	540	5 / 40

6516

- German type
- 7 positions opening
- DIN ISO 8976



KT NO.	inch	L mm	mm	A mm	B mm	Scales	Box / Carton
6516-10C	10	253	36	58	61	300	8 / 64



Groove Joint Pliers

6511

- 7 positions opening
- DIN ISO 8976



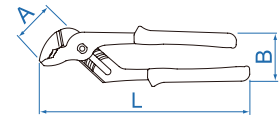
KT NO.	L		mm	mm	A mm	B mm	kg	/
	inch	mm						
6511-10	10	253	50	33	50	447	6 / 48	
6511-10C	10	253	50	33	50	400	6 / 48	
6511-13C	13	325	65	43	50	808	2 / 16	
6511-17C	17	425	100	58	55	1150	2 / 12	



6511-10



6511C

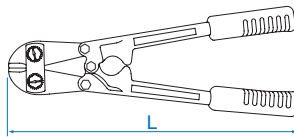


Bolt Cutter

6131

GS / TUV

- Chrome vanadium alloy steel
- Center cut



KT NO.	L		Cutting capacity 15'(ø mm) HRC	Cutting capacity 35'(ø mm) HRC	kg	/
	inch	mm				
6131-12	12	300	ø5	ø4	0.76	1 / 20
6131-14	14	350	ø7	ø5	1.00	1 / 20
6131-18	18	450	ø8	ø6	1.51	1 / 12
6131-24	24	600	ø10	ø8	2.35	1 / 10
6131-30	30	750	ø13	ø10	3.75	1 / 6
6131-36	36	900	ø16	ø11	5.50	1 / 5
6131-42	42	1050	ø18	ø13	8.56	1 / 3

6131P01

- Spare blade for 6131
- Center cut

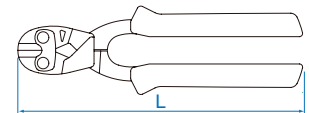


KT NO.	Overall length mm	Cutting capacity 15'(ø mm) HRC	Cutting capacity 35'(ø mm) HRC	kg	/
6131-14P01	110 x 65	ø7	ø5	0.40	1 / 40
6131-18P01	125 x 72	ø8	ø6	0.85	1 / 20
6131-24P01	150 x 86	ø10	ø8	0.87	1 / 20
6131-30P01	170 x 97	ø13	ø10	1.25	1 / 10
6131-36P01	190 x 112	ø16	ø11	1.85	1 / 10
6131-42P01	205 x 122	ø18	ø13	3.10	1 / 5

Compact Bolt Cutter

6133

- Heavy duty type
- DIN ISO 5749
- Center cut



KT NO.	L		Cutting capacities				kg	/
	inch	mm	ø mm	ø mm	ø mm	ø mm		
6133-08	8	200	6.0	5.0	4.0	3.5	399.6	8 / 48

Circlip Pliers

66HS

66HB

66SS

66SB



- Design of hidden spring
- Straight and angled pattern
- High strength of tip
- DIN 5254 & DIN 5256



KT NO.	Tips	Overall length		Ø-tips	Capacity Ø mm	Scales	Pkg
		inch	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

67HS

67HB

67SS

67SB

68HS

68HB

68SS

68SB

- For internal retaining rings
- Straight and angled pattern
- DIN 5254 & DIN 5256



Internal type

- For external retaining rings
- Straight and angled pattern
- DIN 5254 & DIN 5256



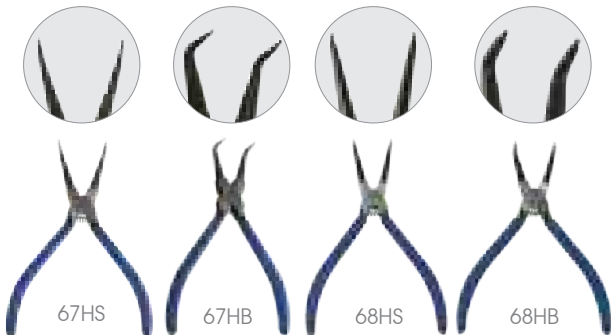
External type

Japanese type

European type

Japanese type

European type



KT NO.	Tips	Overall length		Ø tips	Capacity Ø mm	Scales	Pkg
		inch	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

KT NO.	Tips	Overall length		Ø tips	Capacity Ø mm	Scales	Pkg
		inch	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



► Nylon pouch bag

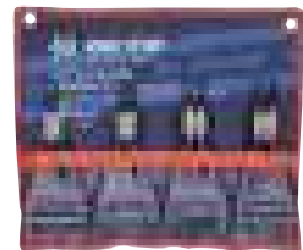


► Color box

KT NO.	PC.	Contents			Package		
42104GP	4				Nylon	1.17	1 / 18
42104GP01	4				Nylon	1.17	1 / 18
42124GP	4				Nylon	1.48	1 / 18
42124GP01	4				Nylon	1.48	1 / 18
42213GP01	3				Color box	1.05	1 / 20

Circlip Pliers Set

KT NO.	PC.	Contents							
42114GP	4					0.62	1 / 32		
42154GP	4					0.84	1 / 32		
42116GP	6							1.33	1 / 18



► Nylon pouch bag

Display Stand for PVC Pliers

87116

- Capacity: 12 PC.
- Size: 243 x 205 x 200 mm
- Suitable for displaying PVC grip pliers

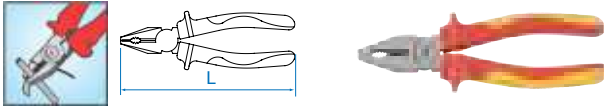


- Grip material-TPR
- Chrome vanadium steel
- Polished head
- IEC DIN EN 60900



Combination Pliers

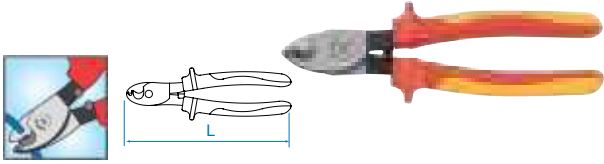
6116  



KT NO.	L		Cutting capacities				g	kg	Pcs
	inch	mm	4.0	3.0	2.0	1.6			
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

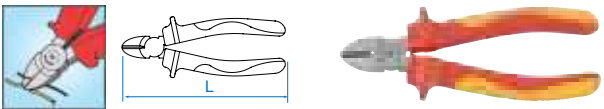
6146



KT NO.	L		ø mm	g	kg	Pcs
	inch	mm				
6146-08A	8-1/4	214	14	360	10 / 60	

Diagonal Cutting Pliers

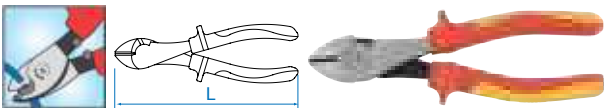
6216 



KT NO.	L		Cutting capacities				g	kg	Pcs
	inch	mm	4.0	2.8	2.0	1.6			
6216-06A	6-1/2	167	4.0	2.8	2.0	1.6	230	10 / 60	

Heavy Duty Diagonal Cutting Pliers

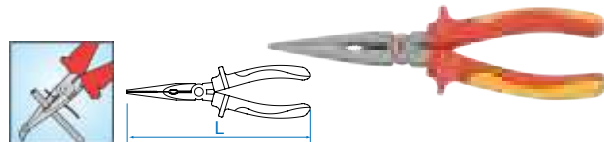
6236 



KT NO.	L		Cutting capacities				g	kg	Pcs
	inch	mm	5.0	3.5	2.4	2.0			
6236-07A	7-1/2	190	5.0	3.5	2.4	2.0	280	10 / 60	

Long Nose Pliers

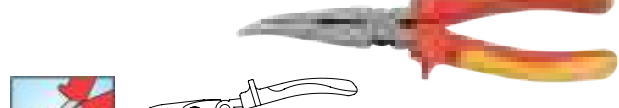
6318  



KT NO.	L		Cutting capacities				g	kg	Pcs
	inch	mm	4.0	2.8	2.0	1.6			
6318-08A	8-1/4	210	4.0	2.8	2.0	1.6	230	10 / 60	

Bent Nose Pliers

6336   



KT NO.	L		Cutting capacities				g	kg	Pcs
	inch	mm	4.0	3.0	2.0	1.6			
6336-08A	8	200	4.0	3.0	2.0	1.6	250	10 / 60	

Groove Joint Pliers

- Box joint

6516 

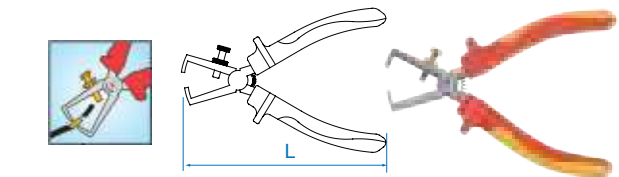


KT NO.	A mm	B mm	L		mm	g	kg	Pcs
			inch	mm				
6516-10A	55	63	10	250	36	420	10 / 50	

Stripping Pliers

- With spring

6716  



KT NO.	inch	L mm	ø mm	Wire stripper mm ²	g	kg	Pcs

Insulated Pliers Set

40603GP



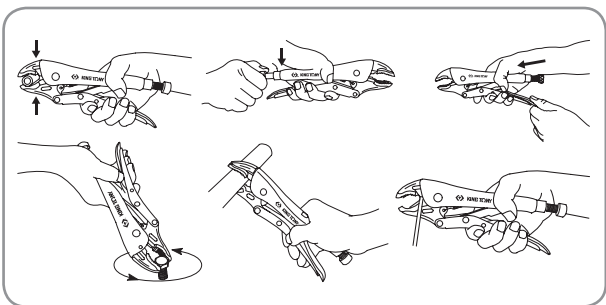
3 PC.

Contents  0.89  1 / 20



- Finishing - option 1 : chrome plated (R)
option 2 : nickel plated (N)

Lock Grip Pliers



6011

- Curved jaw with wire cutter
- With adjusting screw and release lever
- Jaw width 10mm, length 30mm
- ASME B107.500-2010



MATERIAL - Jaw : Spring alloy steel
Handle : Chrome molybdenum alloy steel



6011R

6011N

KT NO.	Overall length		Jaw capacity mm	Scales	Box	Cube
	inch	mm				
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		Jaw capacity mm	Scales	Box	Cube
	inch	mm				
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		Jaw capacity mm	Scales	Box	Cube
	inch	mm				
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		Jaw capacity mm	Scales	Box	Cube
	inch	mm				
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		Jaw capacity mm	Scales	Box	Cube
	inch	mm				
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		Capacity mm	Scales	Box	Cube
	inch	mm				
6655-09	9	225	∅ 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		Capacity mm	Scales	Box	Cube
	inch	mm				
6665-09	9	230	43	625	1 / 18	

C-clamp Grip Pliers

6615

MATERIAL -

Jaw : Chrome vanadium alloy steel
Handle: Chrome molybdenum alloy steel



KT NO.	Overall length		Capacity mm	⚖️	📦/📦
	inch	mm			
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



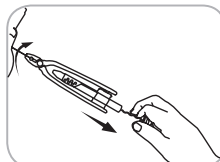
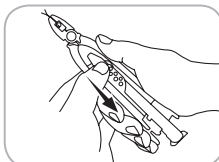
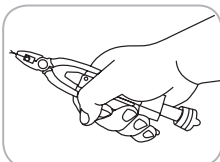
KT NO.	Overall length		Capacity mm	⚖️	📦/📦
	inch	mm			
6625-06	7	175	54	250	6 / 72
6625-11	11	280	96	840	1 / 20
6625-18	18-1/2	457	200	1220	1 / 10

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



• Grip wire and pull down the bar

• Pull the lock

• Pull the knob

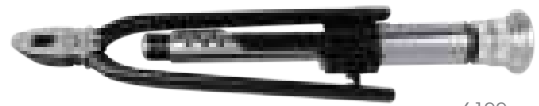


(Only 6122)

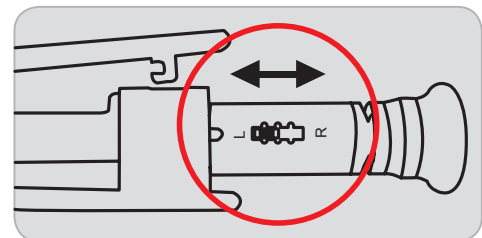


6121

Reversible



6122



- Left turn (counterclockwise): Reversible if mistake happened switch button to "L" then pull the bar to twist counterclockwise

KT NO.	Type	⚖️	📦/📦
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

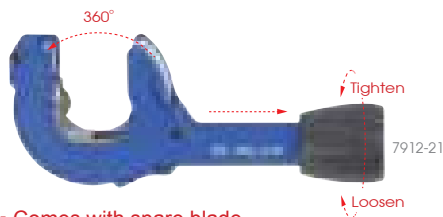




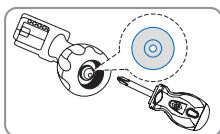
Ratchet Tubing Cutter

7912-21

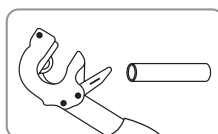
- Cuts without having to rotate tool completely around tubing
- Ratchet mechanism allows for tight area operation
- Cuts through some of the toughest surfaces: stainless steel, wall conduit, copper and aluminum
- Exclusive one hand operation, limited risks of hand-fatigue and injuries



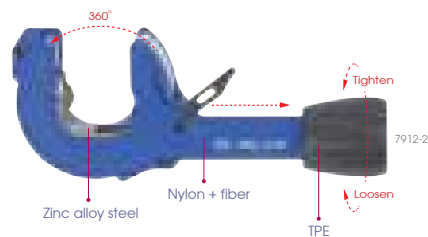
- Comes with spare blade.
- Provided with foldable reamer.



- Use Phillips screwdriver to take out the back-up blade located in the handle base.



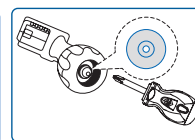
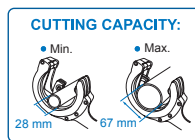
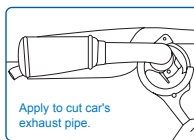
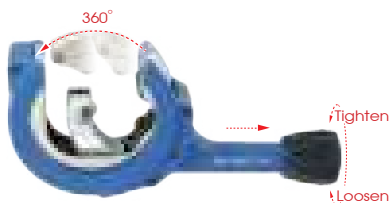
- Deploy foldable reamer provided to smoothen sharp edges. (only 7912-22)



KT NO.	Capacity ø mm	Max. cutting thickness (mm)		Remark	⚖️	📦
		Stainless	Other			
7912-21	8-28	2	3.0	spare blade	389	1 / 40
7912-22	12-35	2	3.0	spare blade / reamer	452	1 / 40
7912-0111		Spare cutting blade			5	25 / 250

7912-23

- Apply to cut car's exhaust pipe.



- Use Phillips screwdriver to take out the back-up blade located in the handle base.

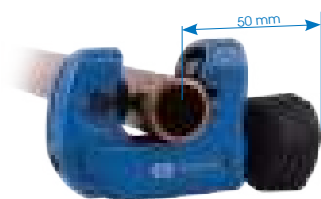
KT NO.	Capacity ø mm	Max. cutting thickness (mm)		⚖️	📦
		Stainless	Other		
7912-23	28-67	2	3.0	1122.6	1 / 10
7912-2311		Spare cutting blade		5	25 / 250

Mini Tube Cutter

- Full-stop feed system prevents wheels and rollers from coming into contact
- Ergonomic handle design for comfortable operation
- Quick adjustment and easy to change the cutting wheel
- For copper, brass, aluminum pipes
- Specifically design for using in restricted place
- With two guide rollers



7915A-19



7915A-28



KT NO.	inch		mm		Overall length	⚖️	📦
			max. (mm)				
7915A-19	1/8~3/4	3~19	1.2	2-1/2	62	152	10 / 100
7915A-28	1/8~1-1/8	3~28	1.2	2-3/4	70	205	10 / 100
7914A-0111		Spare cutting blade				13	25 / 250

Tube Cutter for Copper

7914A-35

- For copper, brass, aluminum pipes
- Ergonomic handle design for comfortable operation
- Includes one piece spare cutting wheel
- With four guide rollers
- Full-stop feed system prevents wheels and rollers from coming into contact
- Quick adjustment and easy to change the cutting wheel



KT NO.	inch		mm		Overall length		Scales	Boxes	
				max. (mm)	inch	mm			
7914A-35	1/8	1-3/8	3	35	1.2	5-1/2	140	370	10 / 60
7914A-0111	Spare cutting blade						13	25 / 250	

7914B-45

- For copper, brass, aluminum pipes
- Ergonomic handle design for comfortable operation
- Includes one piece spare cutting wheel & retractable deburring tool
- With four guide rollers
- Full-stop feed system prevents wheels and rollers from coming into contact
- Quick adjustment and easy to change the cutting wheel



KT NO.	inch		mm		Overall length		Scales	Boxes	
				max. (mm)	inch	mm			
7914B-45	1/8	1-3/4	3	45	1.2	6-3/4	172	568	6 / 36
7914A-0111	Spare cutting blade						13	25 / 250	
7914B-4521	Spare deburring tool						3	1 / 500	

7914C-70

- For copper, brass, aluminum pipes
- Ergonomic handle design for comfortable operation
- Includes one piece spare cutting wheel & retractable deburring tool
- With four guide rollers
- Full-stop feed system prevents wheels and rollers from coming into contact
- Quick adjustment and easy to change the cutting wheel



KT NO.	inch		mm		Overall length		Scales	Boxes	
				max. (mm)	inch	mm			
7914C-70	1/4	2-3/4	6	70	1.2	8-3/4	222	802	4 / 24
7914A-0111	Spare cutting blade						13	25 / 250	
7914C-7021	Spare deburring tool						17	1 / 300	

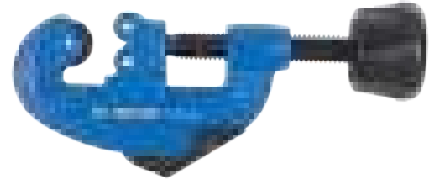


Tube Cutter for Steel

7915-30

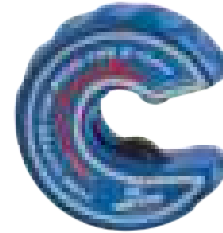
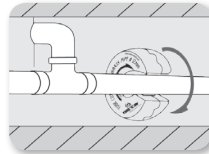


KT NO.	inch		mm		max. (mm)	Overall length		Scales	Box/Kit
	inch	mm	inch	mm		inch	mm		
7915-30	1/8~1-1/8	3~30	1.2	5-1/2	140	231	1 / 20		
7915-3011	Spare cutting blade					10	25 / 250		



7916M

- For copper pipes
- Easy to use in restricted space
- Self-alignment for adjustment

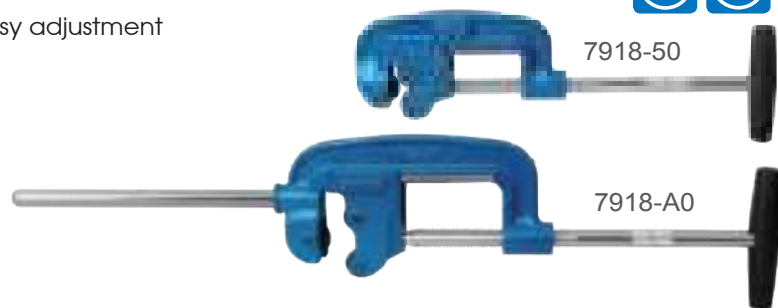


- Ideal for hard to reach places

KT NO.	mm		max. (mm)	Overall length mm	Scales	Box/Kit
	mm	mm				
7916-12M	12	1.2	52	176	10 / 100	
7916-15M	15	1.2	56	207	10 / 100	
7916-21M	21	1.2	68	248	10 / 60	
7916-22M	22	1.2	68	248	10 / 60	
7916-0111	Spare cutting blade				11	25 / 250

7918

- For steel pipes
- Strong cast housing
- Extra-long shank provides for quick & easy adjustment
- Possible for large pipe sizes
- Perfectly balanced



KT NO.	inch		mm		max. (mm)	Overall length		Scales	Box/Kit
	inch	mm	inch	mm		inch	mm		
7918-50	5/16~1-7/8	10~60	3	14-1/18	450	2215	1 / 8		
7918-5011	Spare cutting blade					39	1 / 200		
7918-A0	1-11/32~3-9/16	43~114	3	28-1/8	900	5020	1 / 4		
7918-A011	Spare cutting blade					66	1 / 200		

Tube Cutter for Soft Plastic Pipe

7913B-35

- For PVC, PP, PE, PEX, PB
- For soft plastic pipe
- Aluminum body
- One-hand operation
- Burr-free cutting
- Reversible blade



KT NO.	inch		mm		max. (mm)	Overall length	Scales	Box/Kit
	inch	mm	inch	mm				
7913B-35	1/8~1-3/8	3~35	8-1/4	211	215	20 / 60		
7913B-3511	Spare cutting blade					36	1 / 100	

Ratchet Tubing Cutter

- For PVC, PP, PE, PEX, PB pipes
- Ratchet design for quick cutting

7913



KT NO.	Inch		mm		Overall length		Scales	Box/Pkg
	inch	mm	inch	mm	inch	mm		
7913-42	1/2~1-5/8	6~42	8	201	360	10 / 50		
7913-4211	Spare cutting blade				60	10 / 200		



2-in-1 Ratchet Tubing Cutter

7913A-63

- Easy one-hand operation
- Cut into thick pipe and thin pipe
- Easily apply for max. 63 O.D.
- Comfortable TPR handle
- For unitary material tube: PE, PP, PVDF, PB, PVC or similar tube
- Advanced tool steel blade and aluminum body

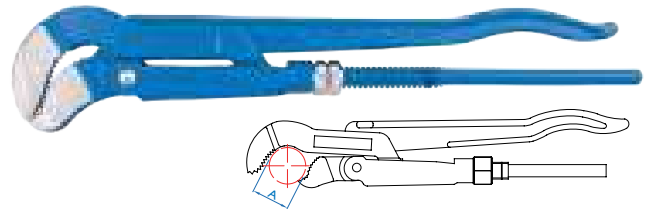


KT NO.	Inch		mm		Overall length		Scales	Box/Pkg
	inch	mm	inch	mm	inch	mm		
7913A-63	1/4~2-1/2	6~63	11-1/2	293	802	6 / 24		
7913A-6311	Spare cutting blade				190	1 / 100		

S Type Pipe Wrench

6521

- For nuts, bolts, flat material
- A non-detachable adjusting nut with round thread ensures a wide adjustment
- For working in confined space

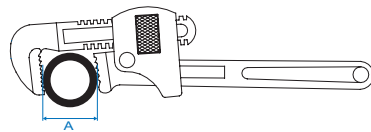


KT NO.	A mm	Size inch	Overall length		Scales	Box/Pkg
			inch	mm		
6521-09	13	1/2	9-1/4	235	415	1 / 20
6521-13	25	1	13	330	791	1 / 20
6521-16	38	1-1/2	16-1/2	420	1450	1 / 12
6521-21	51	2	21	535	2404	1 / 6
6521-26	76	3	25-5/8	652	5030	1 / 2

Pipe Wrench

6531

- Professional stillson type
- High quality steel



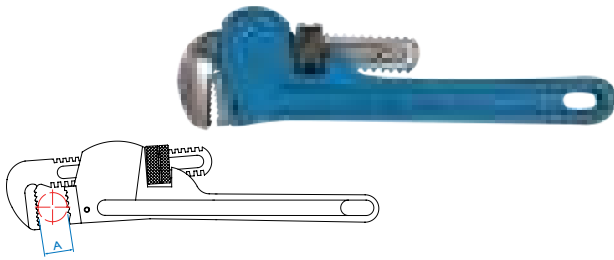
KT NO.	A		Overall length		Scales	Box/Pkg
	inch	mm	inch	mm		
6531-10	1-3/16	34	10	231	600	1 / 24
6531-12	1-9/16	42	12	271	780	1 / 24
6531-14	1-7/8	48	14	315	1050	1 / 12
6531-18	2-3/8	60	18	407	1720	1 / 12
6531-24	2-15/16	75	24	539	3150	1 / 6
6531-36	4	102	36	825	6280	1 / 2
6531-48	5-1/2	140	48	1034	9750	1 / 2



Pipe Wrench

6532

- Extra heavy stright type
- Forged parts tempered
- Teeth offset against direction of rotation and induction-hardened

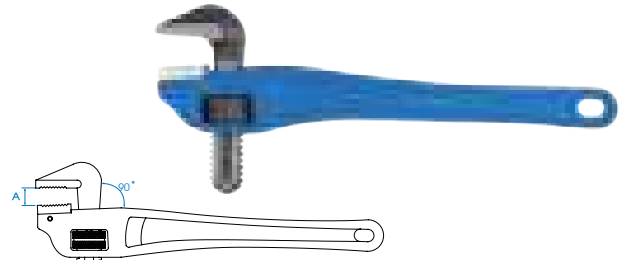


KT NO.	A mm	Overall length inch	mm		
6532-08	27	8	180	380	1 / 40
6532-10	30	10	245	700	1 / 20
6532-12	40	12	275	1050	1 / 20
6532-14	50	14	315	1340	1 / 12
6532-18	60	18	395	1960	1 / 12
6532-24	75	24	525	3640	1 / 6
6532-36	85	36	765	6300	1 / 2
6532-48	110	48	1025	9100	1 / 2

Aluminum Offset Pipe Wrench 90°

6541L

- Suitable for walls and floors, ceilings and other places beside the pipe work



KT NO.	A mm	Overall length inch	mm		
6541-14L	60	14	356	856	1 / 20
6541-18L	76	18	457	1486	1 / 10

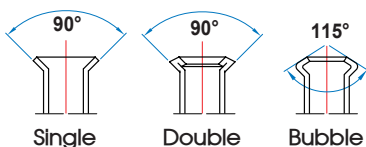
Flaring Tool Set

7CA0107M new

- For producing precision flares on copper, brass, aluminium pipes up to 1 mm wall thickness
- Suitable for pipes in refrigeration, air conditioning



7
PC.



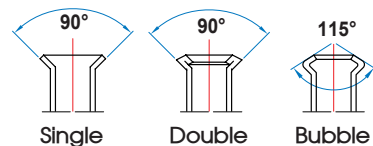
Contents		
7CA22BP10M	1.07	1 / 18
4.75, 5, 6, 8, 10 mm		
7CA22BP01		
Adapters for expander		
4.75, 5, 6, 8, 10 mm		

7CA0110S

- For producing precision flares on copper, brass, aluminium pipes up to 1 mm wall thickness
- Suitable for pipes in refrigeration, air conditioning



10
PC.



Contents		
7915-30	1.68	1 / 12
3-30 mm 1/8~1-1/8"		
7CA22P20S		
3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"		
7CA22P01		
Adapter for expander		
3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"		

Tube Expander Set

7CA0309S

- For copper, aluminium pipe
- 8 expander heads sizes
- 6 mandrels design per each expander head is for swaging evenly, and providing accurate guiding force transmission
- For copper, brass, aluminium pipes up to 1.2 mm wall thickness

KT NO.	Contents	⚖️ 2.8	📦 1 / 5
7CA23-14			
7CA23-A08S		1/4"	
7CA23-A12S		3/8"	
7CA23-A16S		1/2"	
7CA23-A20S		5/8"	
7CA23-A24S		3/4"	
7CA23-A28S		7/8"	
7CA23-A32S		1"	
7CA23-A36S		1-1/8"	

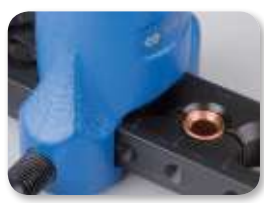
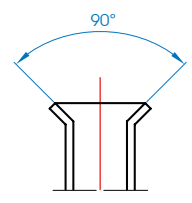
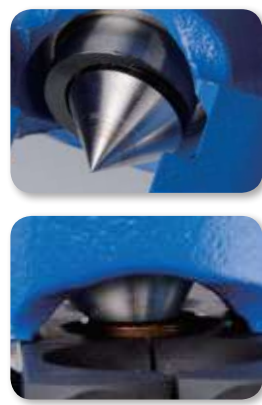


9 PC.

Flaring Tool

7CA21-24S

- Specific design for smooth flares
- 45° flaring tool on copper pipes
- Designed for high pressure R410A systems



KT NO.	Capacity inch	⊘ max. (mm)	⚖️	📦
7CA21-24S	1/4, 5/16, 3/8, 1/2, 5/8, 3/4	1.2	1556	1 / 12







Ratchet Pipe Threader Set

7CA0606S new

7CA0606S1 new

- Use to thread pipe for attach fitting and connector
- Thread sizes:
4pcs interchangeable dies 1/2", 3/4", 1" and 1-1/4"
- Ratchet threader assembly with extension handle

7
PC.

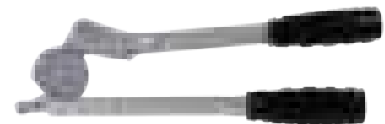
KT NO.	Thread Plug Gauge	Capacity	Contents	7.1	1 / 2	
7CA0606S	BSPT	1/2"	7CA61-A01	7CA61-A011		
		3/4"	7CA61-A02	7CA61-A021		
		1"	7CA61-A03	7CA61-A031		
		1-1/4"	7CA61-A04	7CA61-A041		
7CA0606S1	NPT	1/2"	7CA61-B01	7CA61-B011		
		3/4"	7CA61-B02	7CA61-B021		
		1"	7CA61-B03	7CA61-B031		
		1-1/4"	7CA61-B04	7CA61-B041		



180° Tube Bender

7CA11-08

- Suitable for use in refrigeration and air-conditioning, oil supply, heating installations, floor heating
- For accurate bending up to 180° of pipes made of soft copper, brass, aluminium and precision steel
- Bending with the bending radius display and measurement scale



KT NO.	inch	mm	max. inch	max. mm	R(radius) mm	Overall length inch	Overall length mm	712	1 / 20
7CA11-08	5/16	8	0.035	0.9	18	9	236	712	1 / 20

7CA11M

7CA11S



7CA11-10M / 7CA11-12S
7CA11-12M / 7CA11-16S



7CA11-15M / 7CA11-16M
7CA11-20S / 7CA11-24S

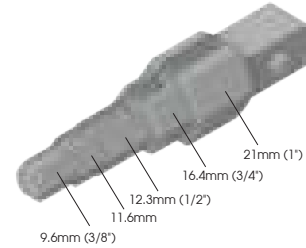
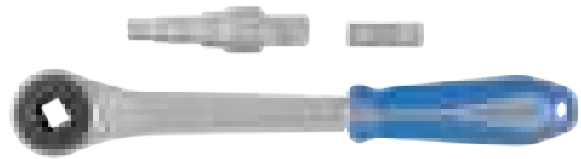
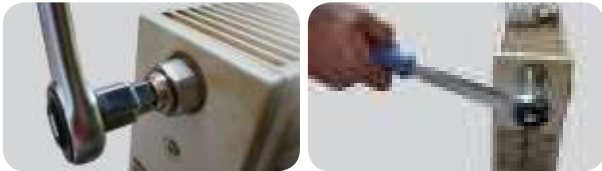
KT NO.	mm	max. (mm)	R(radius) inch	R(radius) mm	Overall length inch	Overall length mm	964	1 / 20
7CA11-10M	10	0.9	15/16	24	13	334	964	1 / 20
7CA11-12M	12	1.2	1-1/2	38	20	493	1833	1 / 12
7CA11-15M	15	1.2	2-1/4	57	30	758	2832	1 / 8
7CA11-16M	16	1.2	2-1/4	57	30	758	2832	1 / 8

KT NO.	inch	max. (inch)	R(radius) inch	R(radius) mm	Overall length inch	Overall length mm	964	1 / 20
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

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 $\pm 4\%$



KT NO.	Size mm	Nm	L mm	Pipe \varnothing		
341118-17M	17	18	244	1/4"	480	1 / 40
341142-22M	22	42	257	3/8"	480	1 / 40
341155-26M	26	55	266	1/2"	480	1 / 40
341165-29M	29	65	315	5/8"	570	1 / 20

3411003MR01

Contents 3.29 1 / 5



3411

17 mm x 18 Nm
22 mm x 42 Nm
26 mm x 55 Nm
29 mm x 65 Nm



4 PC.



SCREWDRIVERS & HEX KEY & BITS

- Screwdriver
- Insulated Screwdriver
- Nut Spinner
- Bit
- Ratchet Screwdriver
- Power Driving
- Hex Key
- Bicycle Repair Tool
- L-type & T-type Wrench
- Wing & Flag Handle torx Screwdriver



Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP +TPR
- Finishing - chrome plated with black tip

KT No. & D1

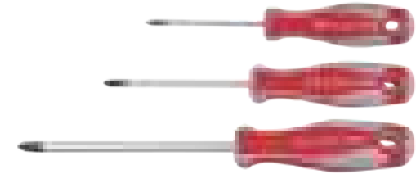


1421

- Phillips head, round shank
- DIN ISO 8764

KT NO.	⊕ No.	mm		mm	g	mm	mm
		mm	inch				
14210023	PH0	60	2-3/8	3.2	35	12 / 144	
14210132	PH1	80	3-1/8	4.5	57	12 / 96	
14210104	PH1	100	4	4.5	59	12 / 96	
14210214	PH2	38	1-1/2	6.5	44	12 / 144	
14210204	PH2	100	4	6.0	84	12 / 96	
14210206	PH2	150	6	6.0	95	12 / 144	
14210306	PH3	150	6	8.0	142	12 / 144	

KT NO.	⊕ No.	mm		mm	g	mm	mm
		mm	inch				
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	



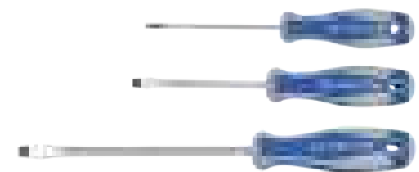
xx12
1421xx16

1422

- Slotted head, round shank
- DIN ISO 2380

KT NO.	mm		mm		mm	g	mm	mm
	mm	inch	mm	inch				
14220303	3	1/8	0.5	75	3	3.2	38	12 / 144
14220404	4	5/32	0.8	100	4	4.0	56	12 / 96
14220503	5	3/16	0.8	75	3	5.0	60	12 / 96
14220504	5	3/16	0.8	100	4	5.0	62	12 / 96
14225503	5.5	7/32	1.0	75	3	5.0	71	12 / 96
14225504	5.5	7/32	1.0	100	4	5.0	75	12 / 96
14225505	5.5	7/32	1.0	125	5	5.0	78	12 / 144
14225506	5.5	7/32	1.0	150	6	5.0	82	12 / 144
14226514	6.5	1/4	1.2	38	1-1/2	6.5	44	12 / 144
14226504	6.5	1/4	1.2	100	4	6.0	84	12 / 96
14226506	6.5	1/4	1.2	150	6	6.0	94	12 / 144
14220806	8	5/16	1.2	150	6	8.0	141	12 / 144
14220807	8	5/16	1.2	175	7	8.0	153	12 / 144
14220808	8	5/16	1.2	200	8	8.0	163	12 / 144
14221008	10	3/8	1.6	200	8	10.0	212	12 / 72

KT NO.	mm		mm		mm	g	mm	mm
	mm	inch	mm	inch				
14220512	5	3/16	0.8	300	12	5	94	12 / 96
14220516	5	3/16	0.8	400	16	5	109	12 / 96
14226512	6.5	1/4	1.2	300	12	6	127	12 / 96
14226516	6.5	1/4	1.2	400	16	6	150	12 / 96



1422xx12
1422xx16

Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP +TPR
- Finishing - chrome plated with black tip

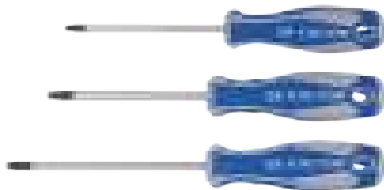
KT No. & D1



1423



- For torx head screw, round shank



14232010, 14232510, 14233010 at the dashboard, car body, engine compartment as well as in industry.

KT NO.	Size	mm		mm	g	kg
		mm	inch			
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

1427



- For torx head screw, round shank
- Tamper resistant type



KT NO.	Size	mm		mm	g	kg
		mm	inch			
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

1424



- Square head

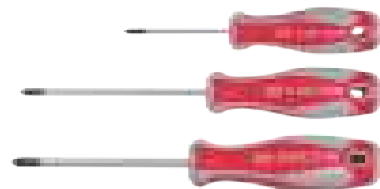


KT NO.	Size	mm		mm	g	kg
		mm	inch			
14240105	RB1	125	5	5	61	20 / 240
14240204	RB2	100	4	6	76	12 / 144
14240206	RB2	150	6	6	89	12 / 144

1428



- Pozidriv head, round shank
- DIN ISO 8764



KT NO.	No.	mm		mm	g	kg
		mm	inch			
14280023	PZ0	60	2-3/8	3.2	37	12 / 96
14280132	PZ1	80	3-1/8	4.5	56	12 / 96
14280104	PZ1	100	4	4.5	60	12 / 96
14280204	PZ2	100	4	6.0	84	12 / 96
14280306	PZ3	150	6	8.0	141	12 / 144



Screwdriver Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip



KT NO.	PC.	Contents		
31107MR	7	 1421 PH0 x 60, PH1 x 80, PH1 x 100, PH2 x 38, PH2 x 100, PH2 x 150, PH3 x 150	0.7	1 / 20
30118MR	8	 1422 3 x 75, 5 x 75, 5 x 100, 8 x 150, 8 x 200, 6.5 x 100, 6.5 x 150, 6.5 x 38	0.9	1 / 20
30115MR	5	 1421 PH1 x 80, PH2 x 100	0.54	1 / 20
		 1422 4 x 100, 5.5 x 125, 6.5 x 150		
31116MR	6	 1421 PH0 x 60, PH1 x 80, PH2 x 100	0.56	1 / 20
		 1422 3 x 75, 5.5 x 100, 6.5 x 150		
31216MR	6	 1421 PH1 x 80, PH2 x 100	0.65	1 / 20
		 1422 5 x 75, 5 x 100, 6.5 x 100, 6.5 x 150		
30117MR	7	 1421 PH1 x 80, PH2 x 100	0.77	1 / 20
		 1422 3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150, 8 x 175		
33108MR	8	 1421 PH0 x 60, PH1 x 100, PH2 x 100, PH2 x 38	1.3	1 / 10
		 1422 3 x 75, 5.5 x 100, 6.5 x 38, 6.5 x 100		
30127MR	7	 1421 PZ1 x 80, PZ2 x 100, PZ3 x 150	0.82	1 / 20
		 1422 4 x 100, 5.5 x 125, 6.5 x 150, 8 x 175		
30315PR	5	 1423 T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125	0.37	1 / 20
 30316PR	6	 1423 T10 x 75, T15 x 75, T20 x 100, T25 x 100, T30 x 125, T40 x 150	0.48	1 / 20
30317PR	7	 1423 T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150	0.78	1 / 20
30319PR	9	 1423 T8 x 75, T9 x 75, T10 x 75, T15 x 75, T20 x 100, T25 x 100, T27 x 100, T30 x 125, T40 x 150	0.88	1 / 20
30307PR	7	 1423 T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150	0.78	1 / 20
30309PR	9	 1423 T8H x 75, T9H x 75, T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150	0.88	1 / 20

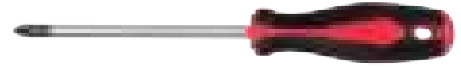
Screwdriver & Set

- Shank material - S2 alloy steel
- Grip material - PP +TPR
- Finishing - Magnet chrome plated with black tip

14A1 new

- Phillips head, round shank
- DIN ISO 8764

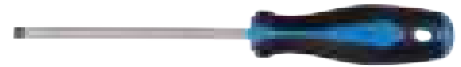
KT NO.	No.	mm		inch		mm	g	kg
		mm	inch	mm	inch			
14A10132	PH1	80	3-1/8	5	60	12 / 96		
14A10214	PH2	38	1-1/2	6	45	12 / 144		
14A10204	PH2	100	4	6	88	12 / 96		
14A10306	PH3	150	6	8	144	12 / 144		



14A2 new

- Slotted head, round shank
- DIN ISO 2380

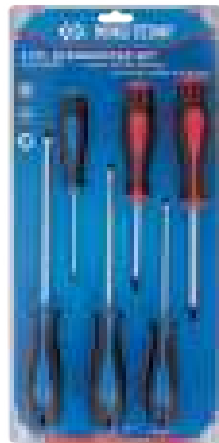
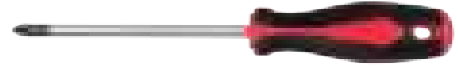
KT NO.	mm		inch		mm	g	kg
	mm	inch	mm	inch			
14A20303	3	1/8	0.6	75	3	3.0	37 / 12 / 144
14A20404	4	5/32	0.8	100	4	4.0	56 / 12 / 96
14A25504	5.5	5/32	1.0	100	4	5.5	82 / 12 / 96
14A25505	5.5	7/32	1.0	125	5	5.5	86 / 12 / 144
14A26514	6.5	1/4	1.2	38	1-1/2	6.5	47 / 12 / 144
14A26506	6.5	1/4	1.2	150	6	6.5	105 / 12 / 144
14A20808	8	5/16	1.6	200	8	8.0	166 / 12 / 144



14A8 new

- Pozidriv head, round shank
- DIN ISO 8764

KT NO.	No.	mm		inch		mm	g	kg
		mm	inch	mm	inch			
14A80132	PZ1	80	3-1/8	5	60	12 / 96		
14A80204	PZ2	100	4	6	89	12 / 96		



KT NO.	PC.	Contents		g	kg
new 30106AMRB	6	14A1	PH1 x 80, PH2 x 100	0.56	1 / 12
		14A2	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150		
new 30116AMRB	6	14A8	PZ1 x 80, PZ2 x 100	0.56	1 / 12
		14A2	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150		
new 30107AMRB	7	14A1	PH1 x 80, PH2 x 100, PH3 x 150	0.82	1 / 12
		14A2	3 x 75, 4 x 100, 5.5 x 125, 6.5 x 150		



Screwdriver

- Shank material - Chrome vanadium alloy steel
- Finishing - chrome plated
- Grip material - PP

KT No. & D1

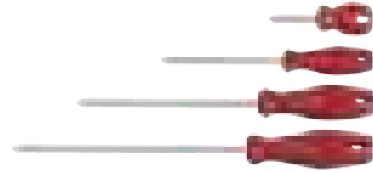


1411

- Phillips head, round shank
- DIN ISO 8764

KT NO.	No.	mm		mm	g	kg	No. / Box
		mm	inch				
14110003	PH0	75	3	3	27		12 / 240
14110104	PH1	100	4	5	40.8		12 / 240
14110214	PH2	38	1-1/2	6	30		12 / 144
14110204	PH2	100	4	6	70		12 / 96
14110204-E*	PH2	100	4	6	84		12 / 96
14110205-E*	PH2	125	5	6	114		12 / 144
14110206	PH2	150	6	6	82		12 / 144
14110206-E*	PH2	150	6	6	96		12 / 144
14110208-E*	PH2	200	8	6	137		12 / 144
14110306	PH3	150	6	8	126		12 / 144
14110308	PH3	200	8	8	146		12 / 144

* Enlarged handle

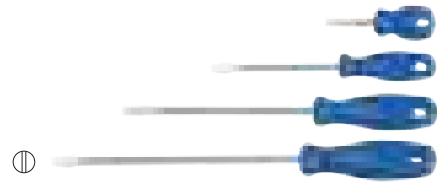


1412

- Slotted head, round shank
- DIN ISO 2380

KT NO.	mm		mm	mm		mm	g	kg	No. / Box
	mm	inch		mm	inch				
14120303	3.0	1/8	0.5	75	3	3	27.0		12 / 240
14120404	4.0	5/32	0.8	100	4	4	33.4		12 / 240
14125504	5.5	7/32	0.8	100	4	5	41.0		12 / 240
14126514	6.5	1/4	1.2	38	1-1/2	6	30.0		12 / 144
14126504	6.5	1/4	1.2	100	4	6	70.0		12 / 96
14126504-E*	6.5	1/4	1.2	100	4	6	107.0		12 / 96
14126506	6.5	1/4	1.2	150	6	6	79.4		12 / 144
14126506-E*	6.5	1/4	1.2	150	6	6	124.0		12 / 144
14120806	8.0	5/16	1.2	150	6	8	124.0		12 / 144
14120808	8.0	5/16	1.2	200	8	8	146.0		12 / 144

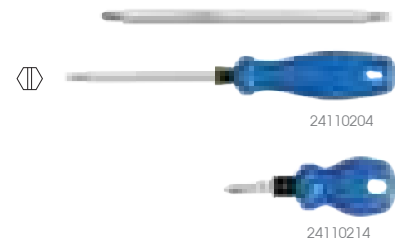
* Enlarged handle



2411

- Two-way screwdriver hex shank

KT NO.	No.	mm		mm		g	kg	No. / Box
		mm	inch	mm	inch			
24110204	PH2	7	1.2	100	4	89		20 / 240
24110214	PH2	7	1.2	38	1-1/2	42		20 / 240



24110204

24110214

Screwdriver Set

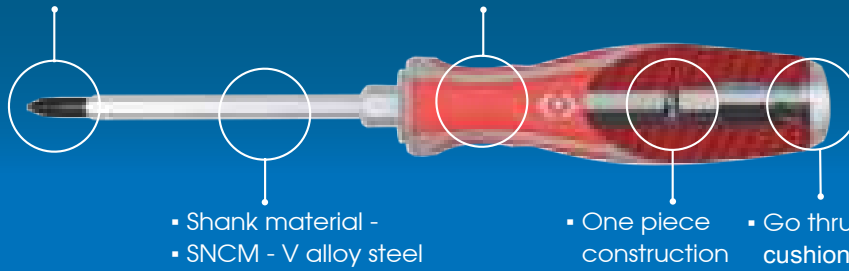
- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated

KT NO.	PC.	Contents		g	kg	No. / Box
35105MR	5	1411	PH1 x 100, PH2 x 100	0.54		1 / 20
		1412	4 x 100, 5.5 x 100, 6.5 x 150			
35116MR01	6	1411	PH1 x 100, PH2 x 100, PH3 x 150	0.65		1 / 20
		1412	4 x 100, 5.5 x 100, 6.5 x 150			
35107MR	7	1411	PH1 x 100, PH2 x 100, PH3 x 150	0.72		1 / 20
		1412	4 x 100, 5.5 x 100, 6.5 x 150, 8 x 150			



- Magnet
- Chrome plated with black tip

- Color rubber handle
- Grip material - PP + TPR



- Shank material - SNCM - V alloy steel

- One piece construction
- Go thru and cushioning effect

Go Thru Screwdriver & Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tips



Please wear proper safety gear while working.



KT No. & D1

1461

- Phillips head, hex-shank
- DIN ISO 8764

KT NO.	⊕ No.	mm		inch		mm	Scales	Box/Case
		mm	inch	mm	inch			
14610103	PH1	75	3	5	120	12 / 96		
14610204	PH2	100	4	6	134	12 / 96		
14610206	PH2	150	6	6	144	12 / 144		
14610306	PH3	150	6	8	219	12 / 96		



1462

- Slotted head, hex-shank
- DIN ISO 2380

KT NO.	mm		inch		mm	Scales	Box/Case
	mm	inch	mm	inch			
14625504	5.5	7/32	1.0	100	4	5	123 / 96
14626504	6.5	1/4	1.2	100	4	6	134 / 96
14626506	6.5	1/4	1.2	150	6	6	146 / 144
14620806	8.0	5/16	1.2	150	6	8	219 / 144
14620807	8.0	5/16	1.2	175	7	8	228 / 96
14621008	10.0	3/8	1.6	200	8	10	310 / 72
new 14621012	10.0	3/8	1.6	300	12	10	378 / 60
14621210	12.0	15/32	2.0	250	10	10	346 / 40



30206MR

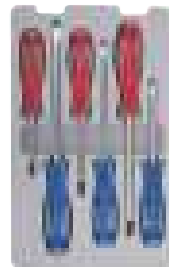
Contents

1.2 Kg 1 / 20

⊕ 1461 PH1 x 75, PH2 x 100, PH3 x 150

⊖ 1462 5.5 x 100, 6.5 x 150, 8.0 x 175

6 PC.



35208MR **new**

Blow case size (mm) :
430 x 300 x 50 (1.29 cuft)

Contents

2.16 Kg 1 / 4

⊕ 1461 PH1 x 75, PH2 x 100, PH3 x 150

⊖ 1462 6.5 x 100, 8.0 x 175, 10 x 300

⊕ 1421 PH2 x 38

⊖ 1422 6.5 x 38

8 PC.



Go Thru Screwdriver & Set

- Shank material - S2 alloy steel
- Grip material - PP + TPR
- Finishing - Magnet chrome plated with black tip



Please wear proper safety gear while working.

14B1 new

- Phillips head, hex-shank
- DIN ISO 8764

KT NO.	⊕ No.	mm		mm	g	kg	No. / Box
		mm	inch				
14B10103	PH1	75	3	5	130	12 / 96	
14B10204	PH2	100	4	6	134	12 / 96	
14B10206	PH2	150	6	6	145	12 / 144	
14B10306	PH3	150	6	8	241	12 / 96	



14B2 new

- Slotted head, hex-shank
- DIN ISO 2380

KT NO.	mm		mm	mm	inch	mm	g	kg	No. / Box
	mm	inch							
14B25504	5.5	7/32	1.0	100	4	5.5	139	12 / 96	
14B26506	6.5	1/4	1.2	150	6	6.5	164	12 / 144	
14B20807	8.0	5/16	1.6	175	7	8.0	252	12 / 96	



30206AMRB new

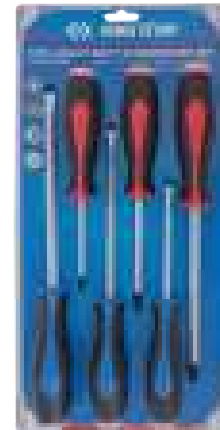
6 PC.

Contents

1.2 kg 1 / 12

⊕ 14B1 PH1 x 75, PH2 x 100, PH3 x 150

⊖ 14B2 5.5 x 100, 6.5 x 150, 8.0 x 175



Go Thru Screwdriver

- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated

1481

- Phillips head, hex-shank
- DIN ISO 8764

KT NO.	⊕ No.	mm		mm	g	kg	No. / Box
		mm	inch				
14810103	PH1	75	3	5	48	12 / 240	
14810204	PH2	100	4	6	86	12 / 144	
14810204-E*	PH2	100	4	6	130	12 / 96	
14810205	PH2	125	5	6	94	12 / 144	
14810205-E*	PH2	125	5	6	170	12 / 144	
14810306	PH3	150	6	8	170	12 / 144	
14810412	PH4	300	12	10	362	10 / 40	



* Enlarged handle

Go Thru Screwdriver & Set

- Shank material - Chrome vanadium alloy steel
- Grip material - PP
- Finishing - chrome plated



Please wear proper safety gear while working. KT No. & D1

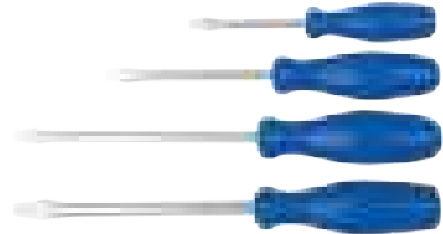


1482

- Slotted head, hex-shank
- DIN ISO 2380

KT NO.	mm		inch		mm	mm	mm	mm	mm
	mm	inch	mm	inch					
14825503	5.5	7/32	0.8	75	3	5	50	12 / 240	
14826504	6.5	1/4	1.2	100	4	6	88	12 / 144	
14826504-E*	5.5	1/4	1.2	100	4	6	130	12 / 96	
14826505-E*	6.5	1/4	1.2	125	5	6	170	12 / 144	
14826506	6.5	1/4	1.2	150	6	6	120	12 / 144	
14820806	8.0	5/16	1.2	150	6	8	169	12 / 144	
14821012	10.0	12/32	1.6	300	12	10	322	10 / 40	

* Enlarged handle



36206MR

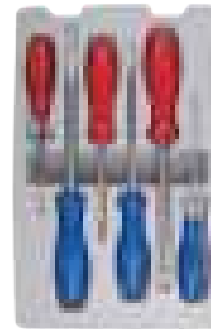
Contents

0.97 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

6 PC.

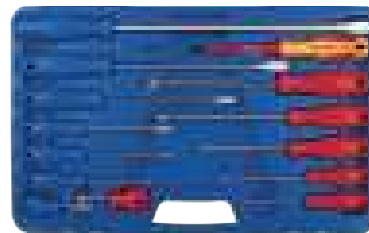


35114MR

35114MR01

- Standard & insulated & go thru screwdriver set

14 PC.



KT NO.

Contents

2.4 1 / 4

35114MR ⊖ 1472 6.5 x 150

⊕ 1411 PH0 x 75, PH1 x 100, PH2 x 100, PH2 x 150, PH2 x 38, PH3 x 150

35114MR01 ⊕ 1478 PZ2 x 100



⊖ 1412 3 x 75, 4 x 100, 5.5 x 100, 6.5 x 150, 6.5 x 38, 8 x 200

⊖ 1482 10 x 300

Screwdriver Set

31416MR

Standard screwdriver set

KT NO.	Contents	Each Q'ty
31416MR	 1421 PH0 x 60, PH1 x 80, PH1 x 100, PH2 x 38, PH2 x 100, PH2 x 150, PH3 x 150	6
	 1422 3.0 x 75, 4.0 x 100, 5.5 x 75, 5.5 x 100, 5.5 x 125, 6.5 x 38, 6.5 x 100, 6.5 x 150, 8.0 x 150	




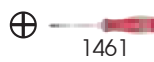

96
PC.

Screwdriver shelf size (mm) : 600 x 240 x 210

KT NO.	Kg	CUFT
31416MR-A	3.3	1.97
31416MR-D	6.2	0.71

31516MR

Standard & go thru screwdriver set

KT NO.	Contents	Each Q'ty
31516MR	 1427 T8H x 75, T9H x 75, T10H x 75, T15H x 75, T20H x 100, T25H x 100, T27H x 100, T30H x 125, T40H x 150	6
	 1461 PH1 x 75, PH2 x 100, PH3 x 150	
	 1462 5.5 x 100, 6.5 x 100, 6.5 x 150, 8.0 x 175	





96
PC.

Screwdriver shelf size (mm) : 600 x 240 x 210

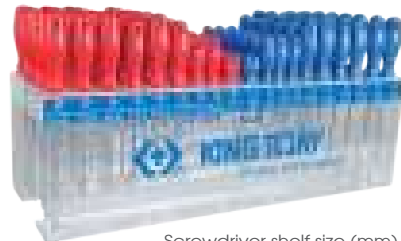
KT NO.	Kg	CUFT
31516MR-A	3.3	1.97
31516MR-D	10.1	0.71

31519MR

Standard Screwdriver set

KT NO.	Contents	Each Q'ty
31519MR	 1411 PH0 x 75, PH1 x 100, PH2 x 100, PH2 x 100E*, PH2 x 150, PH2 x 150E*, PH2 x 38, PH3 x 150, PH3 x 200	6
	 1412 3.0 x 75, 4.0 x 100, 5.5 x 100, 6.5 x 100, 6.5 x 150, 6.5 x 100E*, 6.5 x 38, 8 x 150, 8 x 200, 6.5 x 150E*	

* Enlarged handle



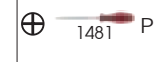

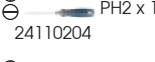
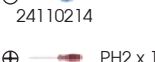


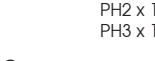
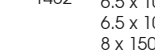
114
PC.

Screwdriver shelf size (mm) : 650 x 250 x 210

KT NO.	Kg	CUFT
31519MR-A	3.5	1.97
31519MR-D	10.34	0.71

31512MR

Standard & go thru screwdriver set

KT NO.	Contents	Each Q'ty
31512MR	 1481 PH2 x 125  1482 6.5 x 150	6
	 24110204 PH2 x 100  24110214 PH2 x 38	
31512MR01	 1481 PH2 x 125E*  1482 6.5 x 125E*	6
	 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	

31512MR01



72
PC.

Screwdriver shelf size (mm) : 420 x 250 x 210

KT NO.	Kg	CUFT
31512MR-A	2.47	0.78
31512MR-D	8.23	0.71
31512MR01-A	3.5	1.50
31512MR01-D	7.86	0.38

Screwdriver Display

87104

- Overall size -W 325 x D 205 x H 270 mm
- Weight - 1.2 Kg / Cuff - 0.3



Reversible Handle

91232



KT NO.

mm inch



91232

135

5-1/4

84

12 / 144

Power Bit

1317

- Bits for screwdriver handle 91232
- Material - SNCM - V alloy steel

KT NO.	Size	mm	inch	Weight	Quantity
1317012PN	⊕ PH1 ⊕ PH2	175	7	45	40 / 400
1317012ZN	⊕ PZ2 ⊕ PZ1	175	7	45	40 / 400
1317046SN	⊖ 4.0 ⊖ 6.0	175	7	45	40 / 400
1317057SN	⊖ 5.0 ⊖ 7.0	175	7	45	40 / 400
1317115TN	⊛ T10 ⊛ T15	175	7	45	40 / 400
1317225TN	⊛ T20 ⊛ T25	175	7	45	40 / 400
1317340TN	⊛ T30 ⊛ T40	175	7	45	40 / 400
1317401PN	⊖ 4.0 ⊕ PH1	175	7	45	40 / 400
131744BHN	● B4 ● H4	175	7	45	40 / 400
1317501ZN	⊖ 5.0 ⊕ PZ1	175	7	45	40 / 400
131755BHN	● B5 ● H5	175	7	45	40 / 400
1317602PN	⊖ 6.0 ⊕ PH2	175	7	45	40 / 400
131766BHN	● B6 ● H6	175	7	45	40 / 400
1317702ZN	⊖ 7.0 ⊕ PZ2	175	7	45	40 / 400



Screwdriver Set

32518MR

- Two-way screwdriver set

Contents



0.7



1 / 20

1317012PN	⊕ PH1	⊕ PH2
1317012ZN	⊕ PZ2	⊕ PZ1
1317046SN	⊖ 4.0	⊖ 6.0
1317057SN	⊖ 5.0	⊖ 7.0
1317115TN	⊛ T10	⊛ T15
1317225TN	⊛ T20	⊛ T25
1317340TN	⊛ T30	⊛ T40
131744BHN	● B4	● H4
131755BHN	● B5	● H5
131766BHN	● B6	● H6

91232



- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Shank finishing - chrome plated

11 PC.



Blow case size (mm) : 233 x 120 x 43 (0.04cuff)



Screwdriver Set

32518MR01

▪ Two-way screwdriver set



11
PC.

Blow case size (mm) : 233 x 120 x 43 (0.04cufft)

Contents	0.76	1 / 20
1317115TN	T10	T15
1317225TN	T20	T25
1317340TN	T30	T40
1317401PN	4.0	PH1
131744BHN	B4	H4
1317501ZN	5.0	PZ1
131755BHN	B5	H5
1317602PN	6.0	PH2
131766BHN	B6	H6
1317702ZN	7.0	PZ2
91232		

32518MR02

▪ Two-way screwdriver set



11
PC.

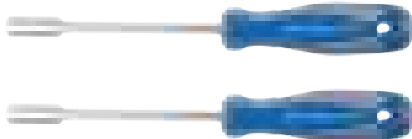
Blow case size (mm) : 233 x 120 x 43 (0.04cufft)

Contents	0.7	1 / 20
1317115TN	T10	T15
1317225TN	T20	T25
1317340TN	T30	T40
1317401PN	4.0	PH1
131744BHN	B4	H4
1317012PN	PH1	PH2
131755BHN	B5	H5
1317602PN	6.0	PH2
131766BHN	B6	H6
1317057SN	5.0	7.0
91232		

Nut Spinner

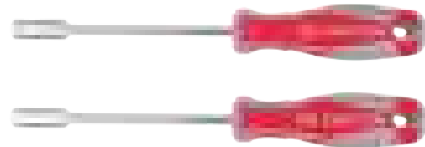
- Shank material - chrome vanadium alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated

1450



KT NO.	mm	mm	mm	mm		
1450-04	4.0	4.5	125	225	74	12 / 144
1450-45	4.5	4.5	125	225	76	12 / 144
1450-05	5.0	5.0	125	225	75	12 / 144
1450-55	5.5	5.0	125	225	81	12 / 144
1450-06	6.0	6.0	125	225	81	12 / 144
1450-07	7.0	6.0	125	235	103	12 / 144
1450-08	8.0	7.0	125	235	108	12 / 144
1450-09	9.0	7.0	125	235	110	12 / 144
1450-10	10.0	8.0	125	235	114	12 / 144
1450-11	11.0	9.0	125	245	166	12 / 144
1450-12	12.0	10.0	125	245	168	12 / 144
1450-13	13.0	10.0	125	245	173	10 / 120

5450



KT NO.	inch	mm	mm	mm		
5450-08	1/4	12.0	125	223	80	12 / 144
5450-10	5/16	8.2	125	223	105	12 / 144

Flexible Nut Spinner

1453

KT NO.	mm	mm	mm	mm		
1453-05	5	14.3	190	300	136	12 / 144
1453-06	6	14.1	190	300	135	12 / 144
1453-07	7	14.5	190	300	134	12 / 144
1453-08	8	13.2	190	300	133	12 / 144
1453-10	10	12.7	190	300	132	12 / 144

▪ For the hose clamps on radiator hoses



Insulated Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip



KT No. & D1

1471

- Phillips head, round shank
- IEC 60900:2004

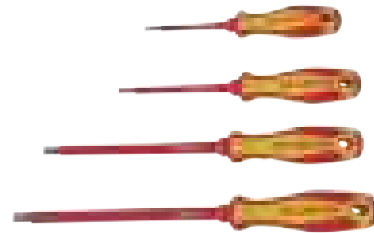
KT NO.	⊕ No.	mm		mm	g	mm	mm
		mm	inch				
14710003	PH0	75	3	3.0	37	12 / 144	
14710104	PH1	100	4	4.5	54	12 / 216	
14710204	PH2	100	4	6.0	77	12 / 144	
14710306	PH3	150	6	8.0	135	12 / 144	



1472

- Slotted head, round shank
- IEC 60900:2004

KT NO.	mm		mm	mm		mm	g	mm
	mm	inch		mm	inch			
14720303	3	1/8	0.5	75	3	3.0	38	12 / 144
14720404	4	3/16	0.8	100	4	4.0	44	12 / 96
new 14723504	3.5	1/8	0.6	100	4	3.5	54	12 / 144
14725505	5.5	7/32	1	125	5	5.5	72	12 / 144
14726506	6.5	1/4	1.2	150	6	6.5	87	12 / 144
14720807	8	5/16	1.2	175	7	8.0	143	12 / 144



1474

- Square head, round shank
- IEC 60900:2004

KT NO.	Size	mm		mm	g	mm
		mm	inch			
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		mm	g	mm
		mm	inch			
14780003	PZ0	75	3	3.0	37	12 / 144
14780104	PZ1	100	4	4.5	54	12 / 96
14780204	PZ2	100	4	6.0	77	12 / 144
14780306	PZ3	150	6	8.0	135	12 / 144



Insulated Screwdriver Set

- Shank material - SNCM - V alloy steel
- Grip material - PP + TPR
- Finishing - chrome plated with black tip



KT NO.	PC.	Contents	0.86	1 / 20
30607MR	7	⊖ 1472	4 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 175	
		⊕ 1478	PZ1 x 100, PZ2 x 100, PZ3 x 150	
30607MR02	7	⊕ 1471	PH1 x 100, PH2 x 100	
		⊖ 1472	4 x 100, 5.5 x 125, 6.5 x 150	
		⊖ 1474	1 x 125, 2 x 150	
30617MR	7	⊕ 1471	PH1 x 100, PH2 x 100, PH3 x 150	
		⊖ 1472	4 x 100, 5.5 x 125, 6.5 x 150, 8.0 x 175	



KT NO.	PC.	Contents	0.50	1 / 30
30605MR	5	⊖ 1472	4 x 100, 5.5 x 125, 6.5 x 150	
		⊕ 1478	PZ1 x 100, PZ2 x 100	
30615MR	5	⊕ 1471	PH1 x 100, PH2 x 100	
		⊖ 1472	4 x 100, 5.5 x 125, 6.5 x 150	

Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted
- Total length : 25 mm

1/4" Hex size shank driver



order unit : one box

Item No. xxxxxxx.B

1025P

- DIN ISO 2351-2

KT NO.	⊕ No.	⚖	📦 / 📦
102500P (102500P.B)	PH0	5	20 / 200 (50 / 1000)
102501P (102501P.B)	PH1	5	
102502P (102502P.B)	PH2	6	
102503P (102503P.B)	PH3	6	
102504P (102504P.B)	PH4	6	

102512P

- Reduced for dry-wall

- DIN ISO 2351-2

KT NO.	⊕ No.	⚖	📦 / 📦
102512P (102512P.B)	PH2	6	20 / 200 (50 / 1000)

1025S

- DIN ISO 2351-1

KT NO.	Tip width (mm)	Tip thickness (mm)	⚖	📦 / 📦
102503S1 (102503S1.B)	3.0	0.5	5	20 / 200 (50 / 1000)
102535S1 (102535S1.B)	3.5	0.6	5	
102504S1 (102504S1.B)	4.0	0.5	5	
102504S2 (102504S2.B)	4.0	0.8	5	
102545S1 (102545S1.B)	4.5	0.6	5	
102505S1 (102505S1.B)	5.0	0.8	5	
102555S1 (102555S1.B)	5.5	0.8	5	
102555S2 (102555S2.B)	5.5	1.0	5	
102506S1 (102506S1.B)	6.0	1.0	5	
102565S1 (102565S1.B)	6.5	1.2	6	
102507S1 (102507S1.B)	7.0	1.2	6	
102508S1 (102508S1.B)	8.0	1.2	6	
102508S2 (102508S2.B)	8.0	1.6	6	

1025H 5025H

- DIN ISO 2351-3

KT NO.	mm	⚖	📦 / 📦
102515H (102515H.B)	H1.5	4	20 / 200 (50 / 1000)
102502H (102502H.B)	H2	5	
102525H (102525H.B)	H2.5	5	
102503H (102503H.B)	H3	5	
102504H (102504H.B)	H4	6	
102505H (102505H.B)	H5	6	
102506H (102506H.B)	H6	6	
102507H (102507H.B)	H7	8	
102508H (102508H.B)	H8	9	
102510H (102510H.B)	H10	12	

KT NO.	inch	⚖	📦 / 📦
502503H (502503H.B)	3/64	4	20 / 200 (50 / 1000)
502504H (502504H.B)	1/16	4	
502505H (502505H.B)	5/64	5	
502506H (502506H.B)	3/32	5	
502507H (502507H.B)	7/64	5	
502508H (502508H.B)	1/8	5	
502509H (502509H.B)	9/64	5	
502510H (502510H.B)	5/32	5	

1025T

- For torx head screw

KT NO.	Size	⚖	📦 / 📦
102506T (102506T.B)	T6	5	20 / 200 (50 / 1000)
102507T (102507T.B)	T7	5	
102508T (102508T.B)	T8	5	
102509T (102509T.B)	T9	5	
102510T (102510T.B)	T10	5	
102515T (102515T.B)	T15	5	
102520T (102520T.B)	T20	5	
102525T (102525T.B)	T25	5	
102527T (102527T.B)	T27	5	
102530T (102530T.B)	T30	5	
102535T (102535T.B)	T35	6	
102540T (102540T.B)	T40	6	
102545T (102545T.B)	T45	7	
102550T (102550T.B)	T50	8	

1025U

- For torx head screw

- Tamper resistant type

KT NO.	Size	⚖	📦 / 📦
102507U (102507U.B)	T7H	4	20 / 200 (50 / 1000)
102508U (102508U.B)	T8H	5	
102509U (102509U.B)	T9H	5	
102510U (102510U.B)	T10H	5	
102515U (102515U.B)	T15H	5	
102520U (102520U.B)	T20H	5	
102525U (102525U.B)	T25H	5	
102527U (102527U.B)	T27H	5	
102530U (102530U.B)	T30H	6	
102540U (102540U.B)	T40H	6	

1025M

- DIN 65254

KT NO.	size	⚖	📦 / 📦
102504M	M4	5	20 / 200
102505M	M5	5	
102506M	M6	6	
102508M	M8	7	
102510M	M10	10	

1025V

- For inside 5-star screw

- Tamper resistant type

KT NO.	Size	⚖	📦 / 📦
102508V	IPR 8	5	20 / 200
102509V	IPR 9	5	
102510V	IPR 10	5	
102515V	IPR 15	5	
102520V	IPR 20	5	
102525V	IPR 25	5	
102527V	IPR 27	5	
102530V	IPR 30	5	
102540V	IPR 40	6	



Bit

1/4" Hex size shank driver



order unit : one blister card



Item No. xxxxxx.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	g	g
102501Z (102501Z.B)	PZ1	5		20 / 200
102502Z (102502Z.B)	PZ2	6		(50 / 1000)
102503Z (102503Z.B)	PZ3	6		

1025R

KT NO.	Size	g	g	g
102500R (102500R.B)	RB0	5		
102501R (102501R.B)	RB1	5		20 / 200
102502R (102502R.B)	RB2	6		(50 / 1000)
102503R (102503R.B)	RB3	6		

1360Z

KT NO.	No.	Overall length (mm)	g	g
1360012Z	PZ1 / PZ2	60	13	
1360022Z	PZ2 / PZ2	60	14	10 / 100
1360023Z	PZ2 / PZ3	60	14	

1360Z

KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	g
1360451Z	PZ1	4.5	0.6	60	13	
1360552Z	PZ2	5.5	1.0	60	14	10 / 100
1360703Z	PZ3	7.0	1.2	60	14	

1360P

KT NO.	No.	Overall length (mm)	g	g
1360012P	PH1 / PH2	60	13	
1360022P	PH2 / PH2	60	14	10 / 100
1360023P	PH2 / PH3	60	14	

1360P

KT NO.	No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	g
1360451P	PH1	4.5	0.6	60	13	
1360552P	PH2	5.5	0.8	60	14	10 / 100
1360703P	PH3	7.0	1.2	60	14	

1800P

- 36 / 80 / 125mmL
- DIN ISO 2251-2

KT NO.	No.	Overall length (mm)	g	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

- 36 / 80mmL
- DIN ISO 2351-1

KT NO.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	g
183608S	8	1.2	36	12	20 / 200
183609S	9	1.6	36	13	20 / 200
183610S	10	1.6	36	15	20 / 200
183611S	11	2.0	36	16	20 / 200
183612S	12	2.0	36	18	12 / 120
183614S	14	2.0	36	21	12 / 120
188008S	8	1.2	80	32	10 / 100
188010S	10	1.6	80	33	10 / 100
188012S	12	2.0	80	34	6 / 60

1800H

- 32 / 36 mmL

KT NO.	mm	Overall length (mm)	g	g
183203H	H3	32	9	20 / 200
183204H	H4	32	10	20 / 200
183205H	H5	32	10	20 / 200
183206H	H6	32	11	20 / 200
183207H	H7	32	12	20 / 200
183208H	H8	32	13	20 / 200
183210H	H10	32	17	20 / 200
183212H	H12	32	22	12 / 120
183604H	H4	36	11	20 / 200
183605H	H5	36	12	20 / 200
183606H	H6	36	13	20 / 200
183607H	H7	36	14	20 / 200
183608H	H8	36	15	20 / 200
183610H	H10	36	19	20 / 200
183612H	H12	36	25	12 / 120
183614H	H14	36	31	12 / 120

Bit

5/16" Hex size shank driver



order unit : one box

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

10mm Hex size shank driver



order unit : one blister card

1800T



- For torx internal screws
32 / 36 / 70 mmL



KT NO.	Size	Overall length (mm)		
183215T	T15	32	10	20 / 200
183220T	T20	32	10	20 / 200
183225T	T25	32	10	20 / 200
183227T	T27	32	11	20 / 200
183230T	T30	32	11	20 / 200
183240T	T40	32	11	20 / 200
183245T	T45	32	11	20 / 200
183250T	T50	32	11	20 / 200
183620T	T20	36	11	20 / 200
183625T	T25	36	11	20 / 200
183627T	T27	36	11	20 / 200
183630T	T30	36	12	20 / 200
183635T	T35	36	12	20 / 200
183640T	T40	36	13	20 / 200
183645T	T45	36	13	20 / 200
183650T	T50	36	14	20 / 200
183655T	T55	36	19	20 / 200
183660T	T60	36	22	12 / 120
187015T	T15	70	22	10 / 100
187020T	T20	70	22	10 / 100
187025T	T25	70	22	10 / 100
187027T	T27	70	22	10 / 100
187030T	T30	70	22	10 / 100
187040T	T40	70	22	10 / 100
187045T	T45	70	22	10 / 100
187050T	T50	70	22	10 / 100

1836Z



- 36 mmL

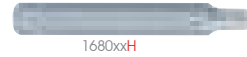


KT NO.	No.	Overall length (mm)		
183602Z	PZ2	36	12	20 / 200
183603Z	PZ3	36	12	20 / 200
183604Z	PZ4	36	13	20 / 200

1600H



- 36 / 80mmL

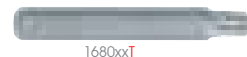


KT NO.	mm	Overall length (mm)		
163604H	H4	36	17	12 / 120
163605H	H5	36	19	12 / 120
163606H	H6	36	19	12 / 120
163607H	H7	36	20	12 / 120
163608H	H8	36	21	12 / 120
163609H	H9	36	23	12 / 120
163610H	H10	36	24	12 / 120
163612H	H12	36	31	12 / 120
168004H	H4	80	47	6 / 60
168005H	H5	80	48	6 / 60
168006H	H6	80	49	6 / 60
168007H	H7	80	50	6 / 60
168008H	H8	80	51	6 / 60
168009H	H9	80	52	6 / 60
168010H	H10	80	54	6 / 60
168012H	H12	80	73	6 / 60

1600T



- For torx head screw
36 / 80mmL



KT NO.	Size	Overall length (mm)		
163610T	T10	36	17	12 / 120
163615T	T15	36	17	12 / 120
163620T	T20	36	18	12 / 120
163625T	T25	36	18	12 / 120
163627T	T27	36	18	12 / 120
163630T	T30	36	18	12 / 120
163640T	T40	36	20	12 / 120
163645T	T45	36	21	12 / 120
163650T	T50	36	23	12 / 120
163655T	T55	36	28	12 / 120
163660T	T60	36	33	12 / 120
168010T	T10	80	46	6 / 60
168015T	T15	80	47	6 / 60
168020T	T20	80	47	6 / 60
168025T	T25	80	47	6 / 60
168027T	T27	80	47	6 / 60
168030T	T30	80	47	6 / 60
168040T	T40	80	48	6 / 60
168045T	T45	80	49	6 / 60
168050T	T50	80	50	6 / 60
168055T	T55	80	52	6 / 60
168060T	T60	80	70	6 / 60



Bit

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

10mm Hex size shank driver



order unit : one blister card

1600E

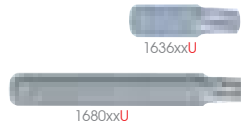
- For torx Plus head screw
- 36 / 80mmL



KT NO.	Size	Overall length (mm)	g	g	g
163610E	IP10	36	15	12 / 120	
163615E	IP15	36	16	12 / 120	
163620E	IP20	36	16	12 / 120	
163625E	IP25	36	16	12 / 120	
163627E	IP27	36	17	12 / 120	
163630E	IP30	36	17	12 / 120	
163640E	IP40	36	18	12 / 120	
163645E	IP45	36	20	12 / 120	
163650E	IP50	36	21	12 / 120	
163655E	IP55	36	25	12 / 120	
163660E	IP60	36	31	12 / 120	
168010E	IP10	80	45	6 / 60	
168015E	IP15	80	45	6 / 60	
168020E	IP20	80	45	6 / 60	
168025E	IP25	80	46	6 / 60	
168027E	IP27	80	46	6 / 60	
168030E	IP30	80	47	6 / 60	
168040E	IP40	80	48	6 / 60	
168045E	IP45	80	49	6 / 60	
168050E	IP50	80	50	6 / 60	
168055E	IP55	80	60	6 / 60	
168060E	IP60	80	79	6 / 60	

1600U

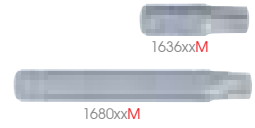
- For torx head screw
- Tamper resistant type
- 36 / 80mmL



KT NO.	Size	Overall length (mm)	g	g	g
163610U	T10H	36	17	12 / 120	
163615U	T15H	36	17	12 / 120	
163620U	T20H	36	18	12 / 120	
163625U	T25H	36	18	12 / 120	
163627U	T27H	36	18	12 / 120	
163630U	T30H	36	18	12 / 120	
163640U	T40H	36	20	12 / 120	
163645U	T45H	36	21	12 / 120	
163650U	T50H	36	23	12 / 120	
163655U	T55H	36	28	12 / 120	
163660U	T60H	36	33	12 / 120	
168010U	T10H	80	46	6 / 60	
168015U	T15H	80	47	6 / 60	
168020U	T20H	80	47	6 / 60	
168025U	T25H	80	47	6 / 60	
168027U	T27H	80	47	6 / 60	
168030U	T30H	80	47	6 / 60	
168040U	T40H	80	48	6 / 60	
168045U	T45H	80	49	6 / 60	
168050U	T50H	80	50	6 / 60	
168055U	T55H	80	52	6 / 60	
168060U	T60H	80	70	6 / 60	

1600M

- 36 / 80mmL

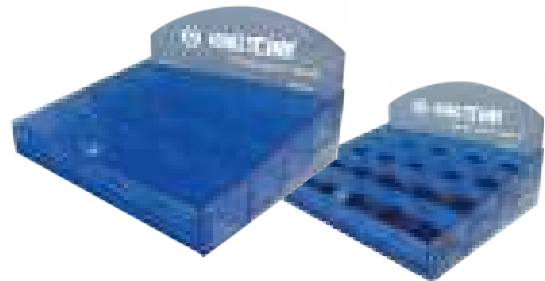
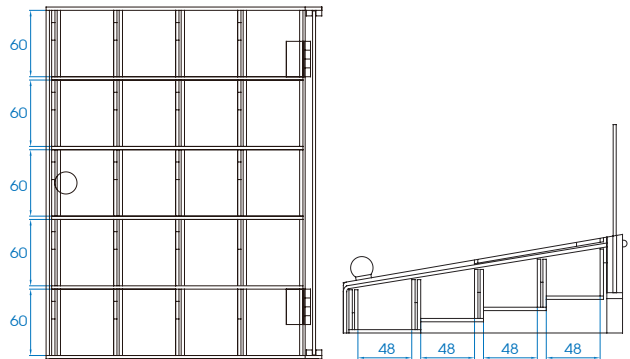


KT NO.	Size	Overall length (mm)	g	g	g
163605M	M5	36	18	12 / 120	
163606M	M6	36	19	12 / 120	
163608M	M8	36	20	12 / 120	
163609M	M9	36	21	12 / 120	
163610M	M10	36	22	12 / 120	
163612M	M12	36	28	12 / 120	
163614M	M14	36	30	12 / 120	
168005M	M5	80	47	6 / 60	
168006M	M6	80	48	6 / 60	
168008M	M8	80	49	6 / 60	
168009M	M9	80	51	6 / 60	
168010M	M10	80	52	6 / 60	
168012M	M12	80	70	6 / 60	
168014M	M14	80	71	6 / 60	

Bit Display Box

87352

- Overall size - W 318 x D 235 x H 183 mm
- Weight - 1.3 Kg / Cuff - 0.4

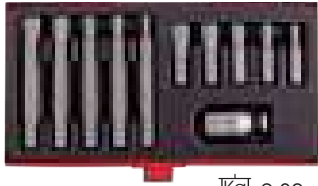


Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

1011MQ

Metal case size (mm) : 198 x 105 x 37 (0.027 cuft)



11 PC.

Contents 0.82 1 / 20

	1636M	M5, M6, M8, M10, M12
	1680M	M5, M6, M8, M10, M12
	414810M	

1015MQ

Metal case size (mm) : 198 x 105 x 37 (0.027 cuft)



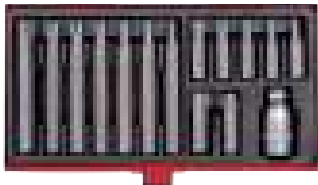
15 PC.

Contents 0.96 1 / 20

	1636H	H4, H5, H6, H7, H8, H10, H12
	1680H	H4, H5, H6, H7, H8, H10, H12
	414810M	

1015PQ

Metal case size (mm) : 198 x 105 x 37 (0.027 cuft)



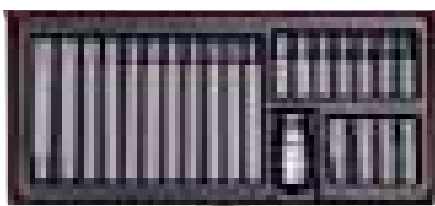
15 PC.

Contents 0.9 1 / 20

	1636T	T20, T25, T30, T40, T45, T50, T55
	1680T	T20, T25, T30, T40, T45, T50, T55
	414810M	

1023EQ

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



23 PC.

Contents 1.6 1 / 18

	1636E	10IP, 15IP, 20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP, 60IP
	1680E	10IP, 15IP, 20IP, 25IP, 27IP, 30IP, 40IP, 45IP, 50IP, 55IP, 60IP
	414810M	

1042CQ

Metal case size (mm) : 205 x 80 x 42 (0.024 cuft)



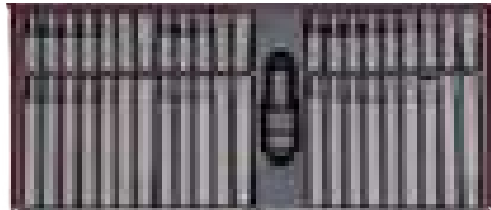
42 PC.

Contents 0.52 1 / 20

	1025H	H1.5, H2, H2.5, H3, H4, H5, H6, H7, H8, H10
	1025T	T6
	1025U	T7H, T8H, T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H
	1025S	3x0.5, 3.5x0.6, 4x0.5, 4.5x0.6, 5x0.8, 5.5x0.8, 6x1.0, 6.5x1.2, 7x1.2, 8x1.2
	1025P	PH0, PH1, PH2, PH3
	1025Z	PZ1, PZ2, PZ3
	1025R	RB0, RB1, RB2, RB3

1043CQ

Metal case size (mm) : 290 x 130 x 41 (0.056 cuft)



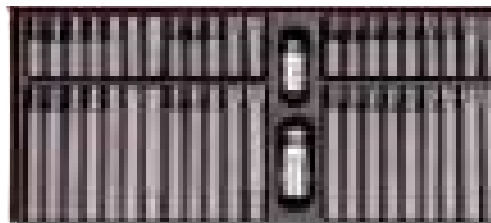
43 PC.

Contents 2.5 1 / 10

	1636H	H4, H5, H6, H7, H8, H10, H12
	1636M	M5, M6, M8, M10, M12
	1636T	T20, T25, T27, T30, T40, T45, T50, T55, T60
	1680H	H4, H5, H6, H7, H8, H10, H12
	1680M	M5, M6, M8, M10, M12
	1680T	T20, T25, T27, T30, T40, T45, T50, T55, T60
	414710M	

1044CQ

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



44 PC.

Contents 2.5 1 / 10

	1636H	H4, H5, H6, H7, H8, H10, H12
	1636M	M5, M6, M8, M10, M12
	1636T	T20, T25, T27, T30, T40, T45, T50, T55, T60
	1680H	H4, H5, H6, H7, H8, H10, H12
	1680M	M5, M6, M8, M10, M12
	1680T	T20, T25, T27, T30, T40, T45, T50, T55, T60
	314810M, 414810M	



Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

5169PR

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

69
PC.

Contents		Kg	1 / 4
✳	3375M	E4, E5, E6, E7, E8, E10, E11, E12, E14, E16, E18	
✳	1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	
●	1636H	H4, H5, H6, H7, H8, H10, H12	
●	1636M	M5, M6, M8, M10, M12	
✳	1636T	T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, T60	
●	1680H	H4, H5, H6, H7, H8, H10, H12	
●	1680M	M5, M6, M8, M10, M12	
✳	1680T	T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, T60	
○	314810M	3792	3779-08G

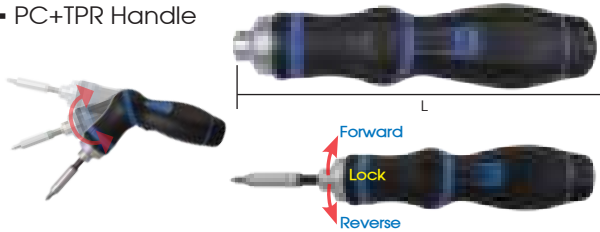


Ratchet Screwdriver & Set

2166DF

1/4"

- Two position L-handle design for greater torque
- PC+TPR Handle



KT NO.	Gear	Overall Length (mm)	Kg	6 / 72
2166DF	46 teeth	167	0.28	6 / 72

2555MR

1/4"

- Ratchet screwdriver set
- Blow case size (mm) : 260 x 160 x 64 (0.094 cuft)



55
PC.

32809MR

- 9-in-1 ratchet screwdriver set
- Reversible ratchet with 1/4" bit holder

9
PC.



Contents		Kg	6 / 72
⊖	1025S	4.0, 5.0	
⊕	1025P	PH1, PH2, PH3	
⊗	1025Z	PZ1, PZ2	
○	750-60		
	2166DF		

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	
○	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14
	2166DF	

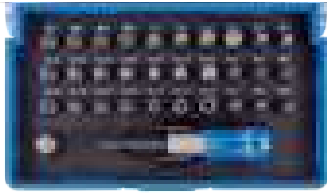
Bit Set

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, sand-blasted

1032CQ

Plastic case size (mm) :
120 x 70 x 42 (0.012 cuft)

32
PC.

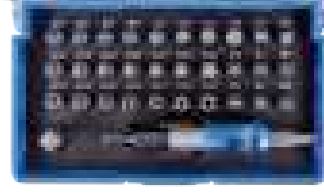


Contents		0.3	1 / 20
⊖	1025S	3.0, 4.0, 5.0, 6.0	
⊕	1025P	PH1, PH2 x 2, PH3	
⊗	1025Z	PZ1, PZ2 x 2, PZ3	
⊛	1025T	T10, T15, T20, T25, T27, T30, T40	
●	1025H	H3, H4, H5, H6	
⊛	1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H	
■	7702-25		
○	753-63		

1032CQ01

Plastic case size (mm) :
120 x 70 x 42 (0.012 cuft)

33
PC.



Contents		0.3	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		

1050CQ

Blow case size (mm) :
224 x 110 x 54 (0.047 cuft)

50
PC.

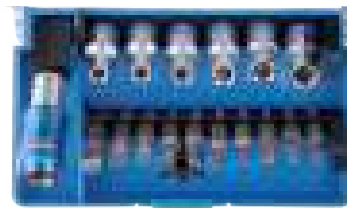


Contents		0.53	1 / 20
⊖	1025S	4.0 x 2, 5.5 x 2, 6.5 x 2	
⊕	1025P	PH1 x 2, PH2 x 2, PH3 x 2	
⊗	1025Z	PZ1 x 2, PZ2 x 2, PZ3 x 2	
⊛	1025T	T6, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40 x 2	
●	1025H	H2, H3, H4, H5, H6, H7, H8	
⊛	1025U	T7H, T8H, T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H x 2	
○	750-60		
	2141		

2517MR

Plastic case size (mm) :
120 x 70 x 32 (0.009 cuft)










17
PC.



Contents		0.23	1 / 28
⊖	1025S	4.0, 5.5, 6.5	
⊕	1025P	PH1, PH2, PH3	
⊛	1025T	T10, T15, T20	
○	2335M	4, 4.5, 5, 5.5, 6, 7mm	
■	7702-25		
○	753-63		



Bit Set

KT NO.	PC.	Contents		
102502P-S1	25	 1025P PH2 x 25 PC.	161	12 / 72
102502Z-S1	25	 1025Z PZ2 x 25 PC.	161	12 / 72
102510T-S1	25	 1025T T10 x 25 PC.	136	12 / 72
102515T-S1	25	 1025T T15 x 25 PC.	140	12 / 72
102520T-S1	25	 1025T T20 x 25 PC.	142	12 / 72
102525T-S1	25	 1025T T25 x 25 PC.	144	12 / 72
102530T-S1	25	 1025T T30 x 25 PC.	146	12 / 72



Power Bit Pocket Case

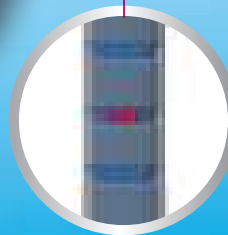
PAT.



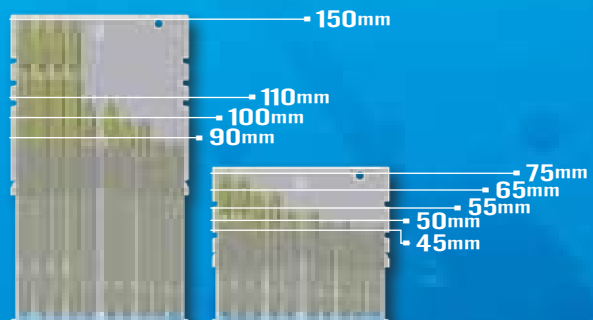
- Shockproof high quality materials



- Functional design free slide open pocket storage case.



- Flexible for different length of power bit



Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic

1/4" Hex size shank driver



order unit : one blister card

7100P

- Short neck (9.5 mm) type
- DIN ISO 2351-2



KT NO.	⊕ No.	Overall length (mm)	⚖	📦 / 📦
715000P	PH0	50	8	10 / 100
715001P	PH1	50	9	
715002P	PH2	50	11	
715003P	PH3	50	11	
715004P	PH4	50	14	
716502P	PH2	65	15	
717001P	PH1	70	16	
717002P	PH2	70	17	
717003P	PH3	70	17	
719001P	PH1	90	18	
719002P	PH2	90	20	
719003P	PH3	90	20	
711002P	PH2	100	24	
711501P	PH1	150	23	
711502P	PH2	150	33	
711503P	PH3	150	33	

7100H

- DIN ISO 2351-3



KT NO.	mm / inch	Overall length (mm)	⚖	📦 / 📦
715002H	H2	50	6	10 / 100
715025H	H2.5	50	6	10 / 100
715003H	H3	50	6	10 / 100
715004H	H4	50	9	10 / 100
715005H	H5	50	10	10 / 100
715006H	H6	50	11	10 / 100
715007H	H7	50	13	10 / 100
715008H	H8	50	17	10 / 100
new 715012SH	3/16	50	20	10 / 100
new 715014SH	7/32	50	22	10 / 100
new 717005H	H5	70	15	10 / 100
new 717006H	H6	70	18	10 / 100
new 717007H	H7	70	21	10 / 100
new 717008H	H8	70	25	10 / 60
711102H	H2	110	11	10 / 100
711125H	H2.5	110	11	10 / 100
711103H	H3	110	14	10 / 100
711104H	H4	110	18	10 / 100
711105H	H5	110	24	10 / 100
711106H	H6	110	29	10 / 100
711107H	H7	110	34	10 / 100
711108H	H8	110	42	10 / 100
711110H	H10	110	62	10 / 80
711505H	H5	150	34	10 / 100
711507H	H7	150	47	10 / 100
new 711512SH	3/16	150	68	10 / 100

7150S

- DIN ISO 2351-1



KT NO.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	⚖	📦 / 📦
715003S1	3.0	0.5	50	6	10 / 100
715035S1	3.5	0.5	50	6	
715004S2	4.0	0.5	50	7	
715004S1	4.0	0.8	50	7	
715045S1	4.5	0.6	50	7	
715005S1	5.0	0.8	50	8	
715055S1	5.5	0.8	50	8	
715055S2	5.5	1.0	50	8	
715006S1	6.0	1.0	50	8	
715065S1	6.5	1.2	50	9	

7100T

- For torx head screw



KT NO.	Size	Overall length (mm)	⚖	📦 / 📦
715006T	T6	50	5	10 / 100
715007T	T7	50	5	
715008T	T8	50	5	
715009T	T9	50	5	
715010T	T10	50	6	
715015T	T15	50	6	
715020T	T20	50	7	
715025T	T25	50	8	
715027T	T27	50	9	
715030T	T30	50	9	
715040T	T40	50	10	
715050T	T50	50	15	
717006T	T6	70	7	
717007T	T7	70	7	
717008T	T8	70	7	
717009T	T9	70	7	
717010T	T10	70	8	
717015T	T15	70	8	
717020T	T20	70	10	
717025T	T25	70	11	
717027T	T27	70	14	
717030T	T30	70	14	
717040T	T40	70	15	
711110T	T10	110	14	
711115T	T15	110	14	
711120T	T20	110	18	
711125T	T25	110	19	
711127T	T27	110	24	
711130T	T30	110	24	
711140T	T40	110	28	
711506T	T6	150	16	
711507T	T7	150	16	
711508T	T8	150	16	
711509T	T9	150	16	
711510T	T10	150	17	
711515T	T15	150	18	
711520T	T20	150	24	
711525T	T25	150	24	
711527T	T27	150	32	
711530T	T30	150	33	
711540T	T40	150	39	



Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic **1/4"** Hex size shank driver



order unit : one blister card

7100Z

- DIN ISO 2351-2

KT NO.	No.	Overall length (mm)	⚖️	📦 / 📦
715001Z	PZ1	50	9	10 / 100
715002Z	PZ2	50	11	
715003Z	PZ3	50	12	
717001Z	PZ1	70	11	
717002Z	PZ2	70	15	
717003Z	PZ3	70	15	
719001Z	PZ1	90	13	
719002Z	PZ2	90	19	
719003Z	PZ3	90	19	

7100U

- For torx head screw

KT NO.	Size	Overall length (mm)	⚖️	📦 / 📦
715006U	T6H	50	7	10 / 100
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	
717020U	T20H	70	10	
717025U	T25H	70	11	
717027U	T27H	70	13	
717030U	T30H	70	13	
717040U	T40H	70	15	
711110U	T10H	110	14	
711115U	T15H	110	14	
711120U	T20H	110	18	
711125U	T25H	110	19	
711127U	T27H	110	24	
711130U	T30H	110	24	
711140U	T40H	110	28	

7100R

KT NO.	Size	Overall length (mm)	⚖️	📦 / 📦
715000R	RB0	50	7	10 / 100
715001R	RB1	50	8	
715002R	RB2	50	8	
715003R	RB3	50	8	
717000R	0	70	9	
717001R	1	70	11	
717002R	2	70	13	
717003R	3	70	13	

2128PR

- torx head tamper & L-type holder set



8 PC.

Contents 0.17 10 / 60

7170U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
158902ERA	

2138PR

- Hexagon head power bits & L-type holder set



8 PC.

Contents 0.24 10 / 60

7150H	H2, H3, H4, H5, H6, H7, H8
158902ERA	

7400P

- Short head type



KT NO.	No.	Overall length (mm)	⚖️	📦 / 📦
745002P	PH2	50	11	10 / 100
747501P	PH1	75	16	10 / 100
747502P	PH2	75	15	10 / 100
747503P	PH3	75	16	10 / 100
741002P	PH2	100	23	10 / 100
741502P	PH2	150	37	10 / 100
742002P	PH2	200	50	10 / 100
743002P	PH2	300	70	10 / 100
new 743003P	PH3	300	77	10 / 40

7300P

- Long head type



KT NO.	No.	Overall length (mm)	⚖️	📦 / 📦
734501P	PH1	45	9	10 / 100
734502P	PH2	45	9	
734503P	PH3	45	10	
736501P	PH1	65	14	
736502P	PH2	65	14	
736503P	PH3	65	14	
731101P	PH1	110	26	
731102P	PH2	110	26	
731103P	PH3	110	26	
731502P	PH2	150	32	
731503P	PH3	150	33	



5mm Hex size shank driver order unit : one box

Insert Size: The suggested size is according to the depth of bit holder which a bit is inserted.

7200P

- Long head typed



KT NO.	No.	Overall length (mm)	⚖️	📦 / 📦
726502P	PH2	65	8	10 / 100
727502P	PH2	75	10	
721102P	PH2	110	14	

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic **1/4"** Hex size shank driver
- 2 PC. bits set



order unit : one blister card

7100P-S1 new

- Short neck (9.5 mm) type
- DIN ISO 2351-2



KT NO.	No.	Overall length (mm)	g	set / box
715000P-S1	PH0	50	16	1 / 20
715001P-S1	PH1	50	18	
715002P-S1	PH2	50	22	
715003P-S1	PH3	50	22	
715004P-S1	PH4	50	28	
716502P-S1	PH2	65	30	
717001P-S1	PH1	70	32	
717002P-S1	PH2	70	34	
717003P-S1	PH3	70	34	
719001P-S1	PH1	90	36	
719002P-S1	PH2	90	40	
719003P-S1	PH3	90	40	
711002P-S1	PH2	100	48	
711501P-S1	PH1	150	46	
711502P-S1	PH2	150	66	
711503P-S1	PH3	150	66	

7100H-S1 new

- DIN ISO 2351-3



KT NO.	mm / inch	Overall length (mm)	g	set / box
715002H-S1	H2	50	12	1 / 20
715025H-S1	H2.5	50	12	
715003H-S1	H3	50	12	
715004H-S1	H4	50	18	
715005H-S1	H5	50	20	
715006H-S1	H6	50	22	
715007H-S1	H7	50	26	
715008H-S1	H8	50	34	
715012SH-S1	3/16	50	20	
715014SH-S1	7/32	50	22	
717005H-S1	H5	70	30	
717006H-S1	H6	70	36	
717007H-S1	H7	70	42	
711102H-S1	H2	110	22	
711125H-S1	H2.5	110	22	
711103H-S1	H3	110	28	
711104H-S1	H4	110	36	
711105H-S1	H5	110	48	
711106H-S1	H6	110	58	
711107H-S1	H7	110	68	
711505H-S1	H5	150	68	
711507H-S1	H7	150	94	
711512SH-S1	3/16	150	68	

7150S-S1 new

- DIN ISO 2351-1



KT NO.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)	g	set / box
715003S1-S1	3.0	0.5	50	12	1 / 20
715035S1-S1	3.5	0.5	50	12	
715004S2-S1	4.0	0.5	50	14	
715004S1-S1	4.0	0.8	50	14	
715045S1-S1	4.5	0.6	50	14	
715005S1-S1	5.0	0.8	50	16	
715055S1-S1	5.5	0.8	50	16	
715055S2-S1	5.5	1.0	50	16	
715006S1-S1	6.0	1.0	50	16	
715065S1-S1	6.5	1.2	50	18	

7100T-S1 new

- For torx head screw



KT NO.	Size	Overall length (mm)	g	set / box
715006T-S1	T6	50	10	1 / 20
715007T-S1	T7	50	10	
715008T-S1	T8	50	10	
715009T-S1	T9	50	10	
715010T-S1	T10	50	12	
715015T-S1	T15	50	12	
715020T-S1	T20	50	14	
715025T-S1	T25	50	16	
715027T-S1	T27	50	18	
715030T-S1	T30	50	18	
715040T-S1	T40	50	20	
715050T-S1	T50	50	30	
717006T-S1	T6	70	14	
717007T-S1	T7	70	14	
717008T-S1	T8	70	14	
717009T-S1	T9	70	14	
717010T-S1	T10	70	14	
717015T-S1	T15	70	16	
717020T-S1	T20	70	16	
717025T-S1	T25	70	20	
717027T-S1	T27	70	22	
717030T-S1	T30	70	28	
717040T-S1	T40	70	28	
711110T-S1	T10	110	30	
711115T-S1	T15	110	28	
711120T-S1	T20	110	28	
711125T-S1	T25	110	36	
711127T-S1	T27	110	38	
711130T-S1	T30	110	48	
711140T-S1	T40	110	48	
711506T-S1	T6	150	56	
711507T-S1	T7	150	32	
711508T-S1	T8	150	32	
711509T-S1	T9	150	32	
711510T-S1	T10	150	34	
711515T-S1	T15	150	36	
711520T-S1	T20	150	48	
711525T-S1	T25	150	48	
711527T-S1	T27	150	64	
711530T-S1	T30	150	66	
711540T-S1	T40	150	78	



Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic
- 2 PC. bits set

1/4" Hex size shank driver



order unit : one blister card

7100Z-S1 new

- DIN ISO 2351-2



KT NO.	No.	Overall length (mm)	g	set / box
715001Z-S1	PZ1	50	18	1 / 20
715002Z-S1	PZ2	50	22	
715003Z-S1	PZ3	50	24	
717001Z-S1	PZ1	70	22	
717002Z-S1	PZ2	70	30	
717003Z-S1	PZ3	70	30	
719001Z-S1	PZ1	90	26	
719002Z-S1	PZ2	90	38	
719003Z-S1	PZ3	90	38	

7100U-S1 new

- For torx head screw



KT NO.	Size	Overall length (mm)	g	set / box
715006U-S1	T6H	50	14	1 / 20
715007U-S1	T7H	50	10	
715008U-S1	T8H	50	10	
715009U-S1	T9H	50	10	
715010U-S1	T10H	50	14	
715015U-S1	T15H	50	14	
715020U-S1	T20H	50	14	
715025U-S1	T25H	50	16	
715027U-S1	T27H	50	18	
715030U-S1	T30H	50	18	
715040U-S1	T40H	50	22	
717010U-S1	T10H	70	16	
717015U-S1	T15H	70	16	
717020U-S1	T20H	70	20	
717025U-S1	T25H	70	22	
717027U-S1	T27H	70	26	
717030U-S1	T30H	70	26	
717040U-S1	T40H	70	30	
711110U-S1	T10H	110	28	
711115U-S1	T15H	110	28	
711120U-S1	T20H	110	36	
711125U-S1	T25H	110	38	
711127U-S1	T27H	110	48	
711130U-S1	T30H	110	48	
711140U-S1	T40H	110	56	

7100R-S1 new



KT NO.	Size	Overall length (mm)	g	set / box
715000R-S1	RB0	50	14	1 / 20
715001R-S1	RB1	50	16	
715002R-S1	RB2	50	16	
715003R-S1	RB3	50	16	
717000R-S1	RB0	70	18	
717001R-S1	RB1	70	22	
717002R-S1	RB2	70	26	
717003R-S1	RB3	70	26	

7400P-S1 new

- Short head type



KT NO.	No.	Overall length (mm)	g	set / box
745002P-S1	PH2	50	22	1 / 20
747501P-S1	PH1	75	32	
747502P-S1	PH2	75	30	
747503P-S1	PH3	75	32	
741002P-S1	PH2	100	46	
741502P-S1	PH2	150	74	

7300P-S1 new

- Long head type



KT NO.	No.	Overall length (mm)	g	set / box
734501P-S1	PH1	45	18	1 / 20
734502P-S1	PH2	45	18	
734503P-S1	PH3	45	20	
736501P-S1	PH1	65	28	
736502P-S1	PH2	65	28	
736503P-S1	PH3	65	28	
731101P-S1	PH1	110	52	
731102P-S1	PH2	110	52	
731103P-S1	PH3	110	52	
731502P-S1	PH2	150	64	
731503P-S1	PH3	150	66	



5mm Hex size shank driver order unit : one box

Insert Size: The suggested size is according to the depth of bit holder which a bit is inserted.

7200P-S1 new

- Long head typed



KT NO.	No.	Overall length (mm)	g	set / box
726502P-S1	PH2	65	16	1 / 20
727502P-S1	PH2	75	20	
721102P-S1	PH2	110	28	

Power Driving

- Silicon chrome vanadium alloy steel (S2)
- Nickel plated
- Magnetic 1/4" Hex size shank driver



1300P

- Long head type



KT NO.	⊕ No.	Overall length (mm)		
134501P	PH1	45	8	10 / 300
134502P	PH2	45	9	10 / 300
134503P	PH3	45	9	10 / 300
136501P	PH1	65	14	10 / 200
136502P	PH2	65	14	10 / 200
136503P	PH3	65	14	10 / 200
131101P	PH1	110	26	10 / 150
131102P	PH2	110	26	10 / 150
131103P	PH3	110	26	10 / 150
131501P	PH1	150	36	10 / 100
131502P	PH2	150	36	10 / 100
131503P	PH3	150	37	10 / 100

1500P

- Short head type



KT NO.	⊕ No.	Overall length (mm)		
155001P	PH1	50	10	10 / 300
155002P	PH2	50	10	10 / 300
155003P	PH3	50	10	10 / 300
157501P	PH1	75	16	10 / 200
157502P	PH2	75	16	10 / 200
157503P	PH3	75	17	10 / 200
151001P	PH1	100	23	10 / 150
151002P	PH2	100	23	10 / 150
151003P	PH3	100	23	10 / 150
151501P	PH1	150	36	10 / 100
151502P	PH2	150	37	10 / 100
151503P	PH3	150	37	10 / 100

7300P

- Long head type



KT NO.	⊕ No.	Tip width (mm)	Tip thickness (mm)	Overall length (mm)		
734551P	PH1	5.0	0.8	45	8	10 / 300
734552P	PH2	5.0	0.8	45	8	10 / 300
736552P	PH2	5.0	0.8	65	13	10 / 200
731152P	PH2	5.0	0.8	110	25	10 / 150
731552P	PH2	5.0	0.8	150	36	10 / 100

- Silicon chrome vanadium alloy steel (S2)
- Anti-rust oiled, phosphate sunk
- Magnetic 1/4" Hex size shank driver



13A6502P

- Long head type
- For ironwork screws



KT NO.	⊕ No.	Overall length (mm)		
13A6502P	PH2	65	8	10 / 100

13B6502P

- Long head type
- For woodwork screws



KT NO.	⊕ No.	Overall length (mm)		
13B6502P	PH2	65	8	10 / 100

- Chrome vanadium & stainless alloy steel
- Anti-rust oiled , sand-blasted
- Magnetic

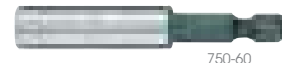
1/4" Hex size shank driver



750

750-50A

- Magnetic bit holder
- 2 PC. type
- 750-50A: with spring clip
- DIN 7427

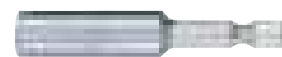


KT NO.	⊙ inch	Overall length (mm)		
750-60	1/4	60	20	6 / 84
750-50A	1/4	50	22	6 / 84

KT NO.	⊙ inch	Overall length (mm)		
750-75	1/4	75	30	1 / 20
750-100	1/4	100	37	1 / 20
750-150	1/4	150	50	1 / 20

751

- Magnetic bit holder
- 1 PC. type
- With spring clip
- DIN 7427



KT NO.	⊙ inch	Overall length (mm)		
751-60	1/4	60	24	6 / 84
751-75	1/4	75	36	6 / 84



Power Driving

- Chrome vanadium & stainless alloy steel
- Anti-rust oiled , sand-blasted
- Magnetic

752

- Magnetic bit holder
- 2 PC. type
- With quick-release sleeve
- DIN 7427



KT NO.	inch	Overall length (mm)		
752-60	1/4	63	33	6 / 72

KT NO.	inch	Overall length (mm)		
752-75	1/4	75	32	1 / 20
752-100	1/4	100	38	1 / 20
752-150	1/4	150	52	1 / 20
752-300	1/4	300	92	1 / 20

753

- 753-63
- Magnetic bit holder
- 2 PC. type
- With quick-release sleeve
- For 1025 bit
- DIN 7427



753-63

KT NO.	inch	Overall length (mm)		
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)		
753-370	1/4	370	170	1 / 4

1/4" Hex size shank driver

754

- Universal joint bit holder
- 20 degree pivot mode allows for limited space accessibility
- Can be used in straight or pivot mode



KT NO.	inch	Overall Length (mm)		
754-90	1/4	90	52	1 / 20

755

- Quick release flexible bit holder
- Flexible shaft driver
- The flex shaft accepts any standard hex fitting
- Quick release fits double end power bits and 50mm power bits



KT NO.	inch	Overall length (mm)		
755-300	1/4	300	293	1 / 6
755-400	1/4	400	385	1 / 12

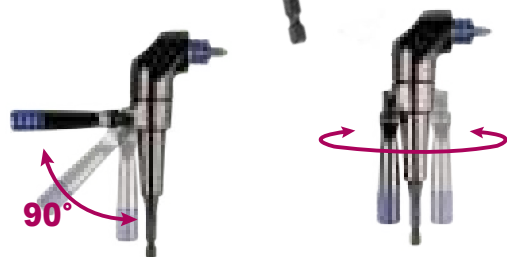
Angle Driver

- The body is zin alloy steel
- The arm is chrome vanadium alloy steel
- The chuck is aluminum alloy steel
- Magnetic

1/4" Hex size shank driver

759

- Heavy duty right angle bit holder
- This heavy duty 90 degree offset driver with 24 position gripped stabilizer arm is designed for use with power drivers 18-24 Volts
- It's head is shorter than 2.5" which is suitable to use in limited space
- Locking magnetic chuck accepts any 1/4" hex drive accessory such as twist drills, spade drills, step drills, grinding stones, buffer pads, nut drivers and screwdriver bits
- Durable all metal housing and steel gears with ball bearing construction
- Gripped stabilizer arm with 1 screwdriver bit storage
- It's amazing capacity for up to 500 inch lbs with 2000 RPM



Pressure to change angle

24 position gripped stabilizer arm design

KT NO.	inch	Overall length (mm)		
759-140	1/4	140	305	12 / 48

Power Driving

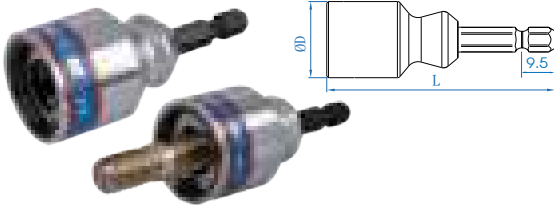
- Chrome vanadium alloy steel
- Anti-rust oiled , sand-blasted

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

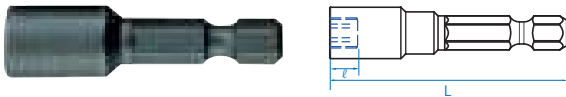


KT NO.	Size mm inch	D mm	L mm	Capacity Ø mm			
75A105M	5 3/16	22	66	4.6~5.0	60	10	200
75A106M	6 1/4	24	66	5.6~6.35	75	10	200
75A108M	8 5/16	24	66	7.6~8.0	74	10	200
75A110M	10 3/8	28	66	9.0~10.0	99	10	160
75A112M	12 1/2	28	66	11.4~12.7	98	10	160
75A114M	14 9/16	32	66	13.2~14.3	126	10	160
75A116M	16 5/8	32	66	15.2~16.0	125	10	160

760M

760S

- Nut setter
- Non magnetic type
- DIN 3126



KT NO.	Ø mm	ℓ mm	Overall length (mm)			
NEW 7605512M	12	7.0	55	55	6	72
7606512M	12	6.8	65	50	6	72
7607510M	10	6.0	75	38	6	72

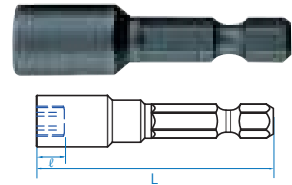
KT NO.	Ø mm	ℓ mm	Overall length (mm)			
7601012M	12	7.5	100	61	1	25
NEW 7601013M	13	7.0	100	70	1	25

KT NO.	Ø inch	ℓ mm	Overall length (mm)			
7606508S	1/4	4.8	65	20	6	84
7606510S	5/16	6.6	65	30	6	84
7606512S	3/8	6.8	65	36	6	72

761M

761S

- Nut setter
- Magnetic type
- DIN 3126



KT NO.	Ø mm	ℓ mm	Overall length (mm)			
7616505M	5	2.3	65	27	6	84
7616506M	6	2.6	65	26	6	84
7616507M	7	2.9	65	25	6	84
7616508M	8	3.5	65	30	6	84
7616510M	10	4.5	65	37	6	72
7616512M	12	5.6	65	52	6	72
7616513M	13	6.0	65	54	6	72
7616514M	14	6.5	65	52	6	20

KT NO.	Ø mm	ℓ mm	Overall length (mm)			
7611006M	6	2.6	100	38	1	25
7611008M	8	3.5	100	48	1	25
7611010M	10	4.5	100	54	1	25
7611012M	12	5.6	100	68	1	25
7611013M	13	6.0	100	71	1	25
7611014M	14	6.5	100	77	1	25
7611506M	6	2.6	150	58	1	25
7611507M	7	2.9	150	65	1	25
7611508M	8	3.5	150	67	1	25
7611510M	10	4.5	150	68	1	25
7611512M	12	5.6	150	103	1	25
7611513M	13	6.0	150	110	1	25
7611514M	14	6.5	150	115	1	25
7612006M	6	2.6	200	78	1	20
7612008M	8	3.5	200	93	1	20
7612010M	10	4.5	200	89	1	20
7612012M	12	5.6	200	128	1	20
7612014M	14	6.5	200	128	1	20

KT NO.	Ø inch	ℓ mm	Overall length (mm)			
7614208S	1/4	2.7	42	15	6	84
7614210S	5/16	3.7	42	17	6	84
7614512S	3/8	4.7	45	22	6	84
7616508S	1/4	4.8	65	30	6	84
7616510S	5/16	6.6	65	31	6	84
7616512S	3/8	6.8	65	37	6	72
7616514S	7/16	6.8	65	39	6	72

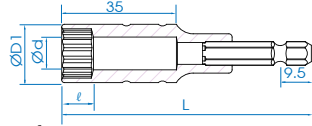


Power Driving

- Chrome vanadium alloy steel
- Anti-rust oiled, sand-blasted

76B

- Deep well nut setter
- Deep hole for bolt & nut
- Press-fitted high-durability shank
- Use for tightening step clamp in construction

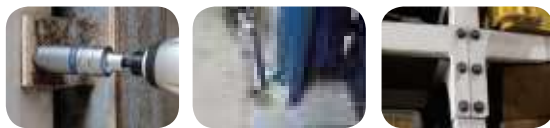
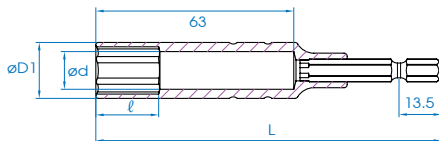


KT NO.	mm	D1 mm	ℓ mm	d mm	L mm	g	kg
76B808M	8	13	6	6	80	41	15 / 300
76B809M	9	13	6	7	80	40	15 / 300
76B810M	10	15	7	7	80	47	12 / 240
76B811M	11	16	7	9	80	52	12 / 240
76B812M	12	17	8	9	80	57	12 / 240
76B813M	13	18	9	10	80	62	12 / 240
76B814M	14	20	9	12	80	70	12 / 240
76B815M	15	21	10	12	80	77	12 / 240
76B816M	16	22	10	14	80	76	12 / 240
76B817M	17	24	11	14	80	95	12 / 144
76B819M	19	26	13	15	80	112	10 / 120
76B821M	21	28	13	19	80	113	10 / 120
76B822M	22	30	13	19	80	137	10 / 120
76B824M	24	32	13	21	80	146	6 / 96

76C

new

- 110mm length easy to reach at confined spaces
- Extra depth dimension 63mm perfectly go through various bolts
- Press-fit structure with durability socket suitable for 18V power tools
- Ideal for construction assembling, scaffolding and roof work



KT NO.	mm	D1 mm	ℓ mm	d mm	L mm	g	kg
76C1108M	8	14	12	7	110	71	12 / 216
76C1109M	9	14	14	8	110	64	12 / 216
76C1110M	10	15	15	9	110	67	12 / 216
76C1111M	11	17	17	10	110	84	10 / 180
76C1112M	12	17	18	11	110	74	10 / 180
76C1113M	13	18	20	12	110	79	10 / 180
76C1114M	14	20	21	13	110	99	10 / 180
76C1117M	17	24	26	16	110	139	10 / 180
76C1119M	19	26	29	18	110	158	10 / 180
76C1121M	21	28	30	20	110	161	8 / 144
76C1124M	24	32	30	23	110	216	8 / 96

1/4" & 3/8" & 1/2" Hex size shank driver



770

- Socket adapter
- Ball retainer type
- DIN 7428



KT NO.	Size	Overall length (mm)	g	kg
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

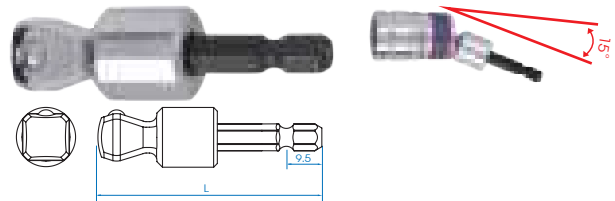
- Socket adapter
- Pin retainer type
- DIN 7428



KT NO.	Size	Overall length (mm)	g	kg
7712-02	1/4"	50	12	10 / 100
7712-03	1/4"	75	33	10 / 100
7713-02	3/8"	50	23	6 / 84

774

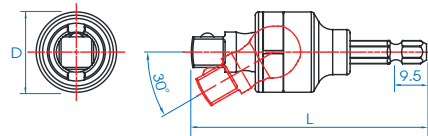
- Bit adapter
- Wobble function provides up to 15° accessibility



KT NO.	Size	L mm	g	kg
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	kg
7753-78	3/8"	25	77	90	6 / 120
7754-85	1/2"	29	85	127	6 / 96

Power Driving Set

1035MR new

1/4"

Plastic case size (mm) : 150 x 103 x 46 (0.025 cuft)



35
PC.

Contents

0.62 1 / 28

	1025S	3.0 x 0.5, 4.0 x 0.5, 5.0 x 0.8, 6.0 x 1.0
	1025P	PH1 x 2, PH2 x 2 \varnothing 6mm, PH2 \varnothing 4.7mm, PH3
	1025T	T15, T20 x 2, T25 x 2, T30 x 2, T40
	1025H	H3, H4, H5, H6
	1025Z	PZ2 x 2
	7E111	2.5, 3.0, 3.5, 4.0, 5.0
	754-90	1/4"
	7400P	PH2
	761M x 65L	8, 10, 13
	752-60	1/4"

1044MR new

1/4"

Plastic case size (mm) : 150 x 103 x 46 (0.025 cuft)



44
PC.

Contents

0.63 1 / 28

	1025S	3.0 x 0.5, 4.0 x 0.5, 5.0 x 0.8, 6.0 x 1.0
	1025P	PH1 x 2, PH2 x 2 \varnothing 6mm, PH2 \varnothing 4.7mm, PH3
	1025T	T10, T15, T20 x 2, T25, T27, T30, T40
	1025H	H3, H4, H5, H6
	1025U	T10H, T15H, T20H x 2, T25H, T27H, T30H, T40H
	1025Z	PZ2 x 2
	7170T	T15, T20, T25,
	7170P	PH2 x 2
	7170Z	PZ2
	7150S	4.0 x 0.8, 6.0 x 1.0
	761M x 65L	6, 8, 10
	753-63	1/4"

1036MR new

1/4"

Plastic case size (mm) : 150 x 103 x 46 (0.025 cuft)



36
PC.

Contents

0.59 1 / 28

	1025S	3.0 x 0.5, 4.0 x 0.5, 5.0 x 0.8, 6.0 x 1.0
	1025P	PH1 x 2, PH2 x 2 \varnothing 6mm, PH2 \varnothing 4.7mm, PH3
	1025T	T15, T20 x 2, T25 x 2, T30 x 2, T40
	1025H	H3, H4, H5, H6
	1025Z	PZ2 x 2
	7150T	T20, T25, T30
	7150Z	PZ2 x 2
	7150S	5.5 x 0.8
	7450P	PH2 x 2
	761M x 65L	8, 10, 13
	753-63	1/4"

1045MR new

1/4"

Plastic case size (mm) : 150 x 103 x 46 (0.025 cuft)



45
PC.

Contents

0.64 1 / 28

	1025S	4.0 x 0.5, 5.5 x 0.8, 6.5 x 1.2
	1025P	PH2 x 2 \varnothing 4.7mm
	1025T	T10, T15, T20, T25, T27, T30, T35, T40
	1025H	H2, H3, H4, H5, H6
	1025U	T10H, T15H, T20H x 2, T25H, T27H, T30H, T40H
	1025Z	PZ1, PZ2, PZ3
	1025R	RB1, RB2, RB3
	1550P	PH1, PH2 x 2, PH3
	7150P	PH2
	7E111	3, 4, 5
	761M x 65L	8, 10, 13
	750-50A	1/4"
	7702-50	1/4" DR.



Titanium Coated HSS Drill Bit Set

11101SQ

1/4"

- Titanium coated HSS drill set with standard 1/4" hex shank that will fit cordless screwdrivers, hand drills and impact drivers etc. or use in standard drill chuck
- Suitable for use with steel, wood, plastic etc
- Titanium nitride drill bits run cooler, drill smoother and last longer than standard bits
- High speed steel
- 120 deg. tips
- 1/4" hex shank for fast changes

Ø mm	Overall length mm
1.5	62
2	69
2.5	77
3	82
3.2	85
3.5	90
4	95
4.5	100
4.8	105
5	106



10 PC.



KT No. & D1

Hex Key

- Material - SNCM - V alloy steel
- Finishing - chrome plated

1145MR

- Standard arm type
- Allen head
- DIN ISO 2936



1145SR



KT NO.	mm	mm	mm	g	g
114515MR	H1.5	16	47	1	20 / 400
114502MR	H2	18	52	1	20 / 400
114525MR	H2.5	21	59	3	20 / 400
114503MR	H3	24	66	5	20 / 400
114504MR	H4	30	74	10	20 / 400
114505MR	H5	33	85	18	20 / 400
114555MR	H5.5	36	91	24	10 / 200
114506MR	H6	38	97	30	10 / 200
114507MR	H7	41	102	45	10 / 200
114508MR	H8	44	108	60	10 / 200
114510MR	H10	50	122	105	10 / 200

KT NO.	inch	mm	mm	g	g
114502SR	1/16	18	49	1	20 / 400
114525SR	5/64	20	52	1	20 / 400
114503SR	3/32	21	56	3	20 / 400
114504SR	1/8	25	63	5	20 / 400
114505SR	5/32	28	70	9	20 / 400
114506SR	3/16	31	77	15	20 / 400
114508SR	1/4	37	91	30	10 / 200
114510SR	5/16	42	106	56	10 / 200
114512SR	3/8	47	120	80	10 / 120
114516SR	1/2	54	146	196	10 / 120
114518SR	9/16	59	160	267	6 / 72
114520SR	5/8	64	175	361	6 / 72
114524SR	3/4	73	203	599	6 / 24

1125MR

- Extra long arm type
- Allen head
- DIN ISO 2936



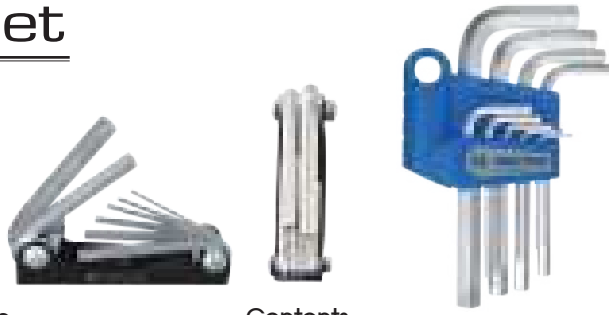
1125SR



KT NO.	mm	mm	mm	g	g
112515MR	H1.5	16	92	1	20 / 400
112502MR	H2	18	102	3	20 / 400
112525MR	H2.5	21	115	5	20 / 400
112503MR	H3	23	129	8	20 / 480
112504MR	H4	29	144	18	20 / 300
112505MR	H5	33	165	31	20 / 300
112506MR	H6	38	186	51	20 / 400
112507MR	H7	41	197	78	20 / 240
112508MR	H8	44	208	104	10 / 100
112510MR	H10	50	234	182	10 / 100
112512MR	H12	57	262	290	8 / 48
112514MR	H14	70	294	451	8 / 48
112517MR	H17	80	337	770	4 / 32
112519MR	H19	89	380	863	4 / 16
112522MR	H22	102	422	1590	4 / 16

KT NO.	inch	mm	mm	g	g
112502SR	1/16	16	92	1	20 / 400
112525SR	5/64	18	102	3	20 / 400
112503SR	3/32	21	115	5	20 / 400
112504SR	1/8	23	129	8	20 / 400
112505SR	5/32	29	144	18	20 / 300
112506SR	3/16	33	165	31	20 / 300
112508SR	1/4	38	186	51	10 / 100
112510SR	5/16	44	208	104	10 / 100
112512SR	3/8	50	234	182	10 / 100
112516SR	1/2	57	262	290	8 / 48
112518SR	9/16	70	294	451	8 / 48

Hex Key Set



KT NO.	PC.	Spec.	Contents		
20218MR	8	knife type	H2, H2.5, H3, H4, H5, H6, H8, H10	0.33	12 / 72
20219MR	9	Standard arm	1145MR H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.33	6 / 48
20219SR	9		1145SR 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	0.33	6 / 48
20208MR	8	Extra long arm	1125MR H2, H2.5, H3, H4, H5, H6, H8, H10	0.43	8 / 48
20209MR	9		1125MR H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.49	8 / 48
20209SR02	9		1125SR 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	0.47	8 / 48

20208MR01

20208SR01



8
PC.

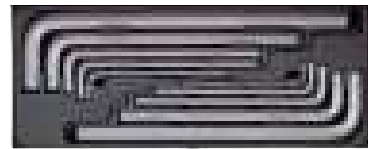
KT NO. Spec. Contents 1.25 1 / 20

KT NO.	Spec.	Contents
20208MR01	Extra long arm	1125MR H3, H4, H5, H6, H8, H10, H12, H14
20208SR01	arm	1125SR 1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 1/2, 9/16

20210MR

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

10
PC.



Spec.	Contents	3.03 1 / 6
Extra long arm	1125MR H3, H4, H5, H6, H7, H8, H10, H12, H14, H17	

Spline L- wrench & Set

1146MR

- Standard arm type
- For spline head screw



KT NO.	Size	mm	mm		
114605MR	M5	29	83	15	20 / 320
114606MR	M6	33	90	24	20 / 320
114608MR	M8	39	98	47	10 / 300
114610MR	M10	44	111	83	10 / 200
114612MR	M12	53	126	127	10 / 180

1126MR

- Extra long arm type



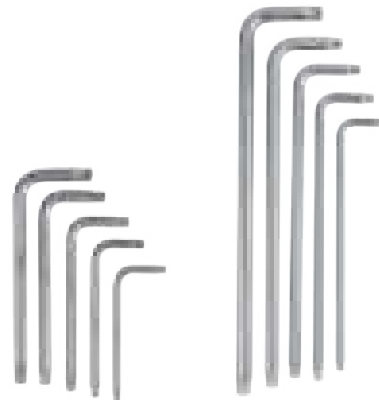
KT NO.	Size	mm	mm		
112605MR	M5	33	165	28	20 / 300
112606MR	M6	38	186	46	20 / 300
112608MR	M8	44	208	90	10 / 100
112610MR	M10	50	234	159	10 / 100
112612MR	M12	53	264	237	10 / 80

20505PR01

20515PR01

KT No. & D1

5
PC.



20505PR01

20515PR01

KT NO.	Spec.	Contents		
20505PR01	Standard arm type	1146MR M5, M6, M8, M10, M12	0.333	6 / 54
20515PR01	Extra long arm type	1126MR M5, M6, M8, M10, M12	0.632	4 / 32



Ball Hex Key

- Material - SNCM - V alloy steel
- Finishing - chrome plated

KT No. & D1



1130MR

- Long arm with ball point type
- DIN ISO 2936

1130SR



KT NO.	mm	mm	mm		
113015MR	H1.5	16	64	1	20 / 400
113002MR	H2	18	77	2	20 / 400
113025MR	H2.5	21	88	4	20 / 400
113003MR	H3	23	93	7	20 / 400
113004MR	H4	29	104	14	20 / 400
113005MR	H5	33	120	25	20 / 300
113006MR	H6	38	141	41	10 / 160
113008MR	H8	44	158	84	10 / 150
113010MR	H10	50	180	145	10 / 150

KT NO.	inch	mm	mm		
113002SR	1/16	16	79	1	20 / 400
113025SR	5/64	18	85	4	20 / 400
113003SR	3/32	21	88	3	20 / 400
113004SR	1/8	23	93	7	20 / 400
113005SR	5/32	29	104	14	20 / 400
113006SR	3/16	33	120	24	20 / 300
113007SR	7/32	36	130	33	10 / 150
113008SR	1/4	38	141	44	10 / 150
113010SR	5/16	44	158	82	10 / 150
113012SR	3/8	50	180	138	10 / 150

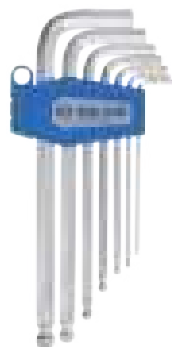
1120MR

- Extra long arm with ball point type
- DIN ISO 2936



KT NO.	mm	mm	mm		
112015MR	H1.5	16	92	1	20 / 400
112002MR	H2	18	102	3	20 / 400
112025MR	H2.5	21	115	5	20 / 400
112003MR	H3	12	129	8	20 / 480
112004MR	H4	18	144	18	20 / 300
112005MR	H5	33	165	31	20 / 300
112006MR	H6	38	186	51	20 / 400
112007MR	H7	41	197	78	20 / 400
112008MR	H8	44	208	104	10 / 100
112010MR	H10	50	234	182	10 / 100

Ball Hex Key Set



KT NO.	PC.	Spec.	Contents		
20107MR01	7	Long arm / ball	1130MR H2.5, H3, H4, H5, H6, H8, H10	0.37	10 / 60
20107SR	7		1130SR 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	0.36	10 / 60
20108MR	8	Extra long arm / ball	1120MR H2, H2.5, H3, H4, H5, H6, H8, H10	0.43	8 / 48
20109MR	9		1120MR H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.49	8 / 48
20110MR	9	Long arm / ball	1130MR H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.39	6 / 60
20129SR	9		1130SR 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	0.39	6 / 60

Star L- wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated

KT No. & D1



1143R

- Standard arm type
- For torx head screw



KT NO.	Size	mm	mm		
114310R	T10	19	49	3	20 / 400
114315R	T15	20	57	5	20 / 400
114320R	T20	23	62	8	20 / 400
114325R	T25	25	70	11	20 / 400
114327R	T27	29	77	15	20 / 400
114330R	T30	35	86	24	10 / 200
114340R	T40	42	97	39	10 / 200
114345R	T45	47	110	57	10 / 200
114350R	T50	50	124	80	10 / 200

1123R

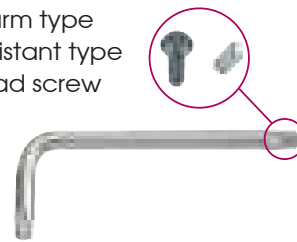
- Extra long arm type
- For torx head screw



KT NO.	Size	mm	mm		
112310R	T10	18	92	5	20 / 400
112315R	T15	20	103	8	20 / 400
112320R	T20	22	115	12	20 / 400
112325R	T25	25	130	18	20 / 300
112327R	T27	29	146	25	20 / 300
112330R	T30	35	165	42	20 / 300
112340R	T40	40	182	63	10 / 100
112345R	T45	45	202	92	10 / 100
112350R	T50	49	225	130	10 / 100

1147R

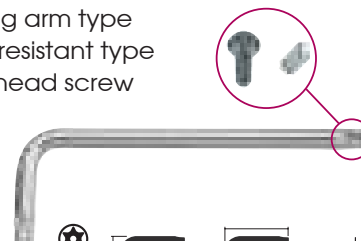
- Standard arm type
- Tamper resistant type
- For torx head screw



KT NO.	Size	mm	mm		
114710R	T10H	18	50	3	20 / 400
114715R	T15H	20	56	5	20 / 400
114720R	T20H	24	62	8	20 / 400
114725R	T25H	26	68	11	20 / 400
114727R	T27H	30	76	15	20 / 400
114730R	T30H	36	86	24	10 / 200
114740R	T40H	41	97	39	10 / 200
114745R	T45H	46	107	57	10 / 200
114750R	T50H	52	122	80	10 / 200

1127R

- Extra long arm type
- Tamper resistant type
- For torx head screw



KT NO.	Size	mm	mm		
112710R	T10H	18	92	5	20 / 400
112715R	T15H	20	103	8	20 / 400
112720R	T20H	22	115	12	20 / 400
112725R	T25H	25	130	17	20 / 300
112727R	T27H	29	146	24	20 / 300
112730R	T30H	35	165	40	20 / 300
112740R	T40H	40	182	61	10 / 100
112745R	T45H	45	202	89	10 / 100
112750R	T50H	49	225	126	10 / 100

Paper Display Stand for Hex Key Wrench Set

87119

- Capacity : 12 sets
- For allen, spline, ball, torx with hole, ex:
 - (1) 20309PR, 20409PR
 - (2) 20108MR, 20109MR, 20319PR, 20419PR, 20208MR, 20209MR
 - (3) 20107MR01, 20107SR, 20219MR, 20307PR, 20407PR, 20308PR
 - (4) 20218MR, 20505PR, 20515PR
- Size: 393 x 154 x 345 mm
- 0.47g / CUFT 49.4



Star L- wrench Set













knife type



Standard arm



Extra long arm

KT NO.	PC.	Spec	Contents		
20307PR	7	Standard arm  1143R	T10, T15, T20, T25, T27, T30, T40	0.13	15 / 120
20407PR	7	Standard arm / Tamper resistant  1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H	0.13	15 / 120
20308PR	8	knife type 	T9, T10, T15, T20, T25, T27, T30, T40	0.20	12 / 72
20318PR	8	knife type 	T9H, T10H, T15H, T20H, T25H, T27H, T30H, T40H	0.20	12 / 72
20309PR	9	Standard arm  1143MR	T10, T15, T20, T25, T27, T30, T40, T45, T50	0.3	6 / 48
20319PR	9	Extra long arm  1123R	T10, T15, T20, T25, T27, T30, T40, T45, T50	0.45	8 / 48
20409PR	9	Standard arm / Tamper resistant  1147R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	0.34	6 / 48
20419PR	9	Extra long arm / Tamper resistant  1127R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	0.47	8 / 48


Bicycle Repair Tool


20A16MR

- 16-in-1 bicycle repair tool set


Contents

 300  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

 305  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

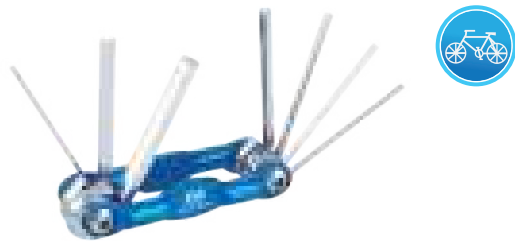
Tire Lever x 2



Aluminum Folding Hex Key Wrench Set

20317MR

- 7-in-1 aluminum folding hex key wrench set



Spec	Contents	Weight	Quantity
knife type	● H1.5, H2, H2.5, H3, H4, H5, H6	90	10 / 200

Aluminum Folding Tool Set

20306PR

- 6-in-1 aluminum folding tool set



Spec	Contents	Weight	Quantity
knife type	● H3, H4, H5, H6 ⊕ PH2 ⊖ 5.0	104	12 / 72

L- type Wrench

1160MR

- Hexagon with ball point head

KT NO.	mm	mm	mm	Weight	Quantity
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

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip

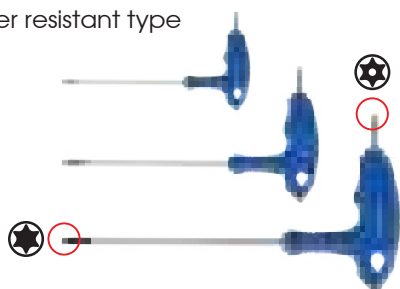


KT No. & D1



1163R

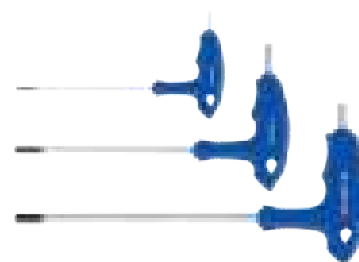
- For torx internal screw
- Tamper resistant type



KT NO.	Size	mm	mm	Weight	Quantity
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	Weight	Quantity
116502MR	H2	95	145	19	10 / 200
116525MR	H2.5	95	145	21	10 / 200
116503MR	H3	95	145	25	10 / 200
116504MR	H4	95	145	32	10 / 200
116505MR	H5	150	215	74	10 / 200
116506MR	H6	150	215	92	10 / 200
116507MR	H7	150	215	120	10 / 200
116508MR	H8	200	280	212	10 / 80
116510MR	H10	200	280	289	10 / 80



L- type Wrench Set



KT NO.	PC.	Spec	Contents		
22106MR	6	Ball & hex two way type	1160MR H3, H4, H5, H6, H7, H8	0.68	1 / 20
22108MR	8		1160MR H2, H2.5, H3, H4, H5, H6, H8, H10	0.97	1 / 10
22208MR	8	Hex head	1165MR H2, H2.5, H3, H4, H5, H6, H8, H10	0.97	1 / 10
22306PR	6	torx head / Tamper resistant	1163R T10H, T15H, T20H, T25H, T30H, T40H	0.46	1 / 20
22309PR	9		1163R T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	1.00	1 / 10
22118MR	8		1160MR H2, H2.5, H3, H4, H5, H6, H8, H10	1.10	1 / 12
22218MR	8	Hex head	1165MR H2, H2.5, H3, H4, H5, H6, H8, H10	1.10	1 / 12
22319PR	9	torx head / Tamper resistant	1163R T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	1.12	1 / 12



T - type Wrench

- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip



KT No. & D1

1150MR

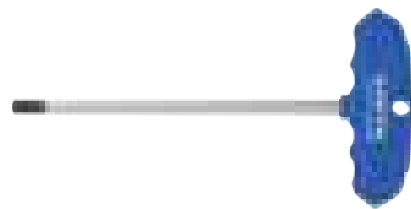
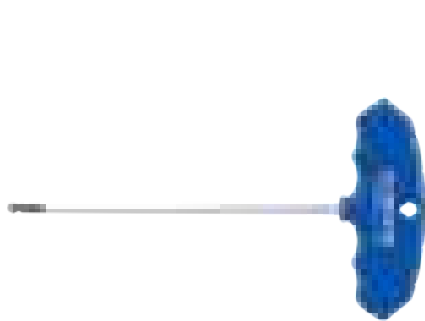


- Hexagon with ball point head

1155MR

- Hexagon head

1155SR



KT NO.	mm	mm	mm	mm		
115002MR	H2	100	137	90	28	10 / 200
115025MR	H2.5	100	137	90	30	10 / 200
115003MR	H3	100	137	90	32	10 / 200
115004MR	H4	100	137	90	38	10 / 200
115005MR	H5	150	188	100	65	10 / 200
115006MR	H6	150	188	100	79	10 / 200
115008MR	H8	200	240	120	159	10 / 120
115010MR	H10	200	240	120	217	10 / 120

KT NO.	mm /	mm	mm	mm		
115502MR	H2	100	137	90	28	10 / 200
115525MR	H2.5	100	137	90	30	10 / 200
115503MR	H3	100	137	90	32	10 / 200
115504MR	H4	100	137	90	38	10 / 200
115505MR	H5	150	188	100	65	10 / 200
115506MR	H6	150	188	100	79	10 / 200
115508MR	H8	200	240	120	159	10 / 120
115510MR	H10	200	240	120	217	10 / 120
115525SR	5/64	100	137	90	28	10 / 200
115503SR	3/32	100	137	90	30	10 / 200
115504SR	1/8	100	137	90	32	10 / 200
115505SR	5/32	100	137	90	38	10 / 200
115506SR	3/16	150	188	100	65	10 / 200
115508SR	1/4	150	188	100	79	10 / 200
115510SR	5/16	200	240	120	159	10 / 120
115512SR	3/8	200	240	120	217	10 / 120

T - type Wrench & Set

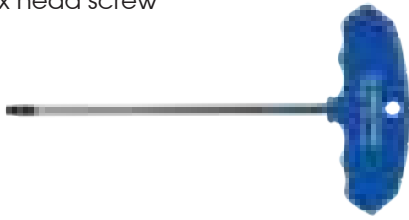
- Material - SNCM - V alloy steel
- Finishing - chrome plated with black tip



KT No. & D1

1153R

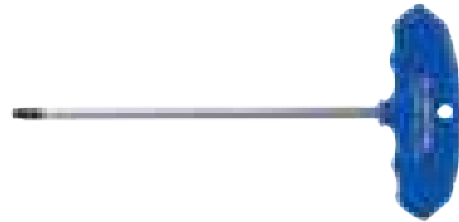
- For torx head screw



KT NO.	Size	mm	mm	mm	kg	kg	kg
115310R	T10	100	137	90	40	10 / 200	
115315R	T15	100	137	90	40	10 / 200	
115320R	T20	100	137	90	40	10 / 200	
115325R	T25	100	137	90	40	10 / 200	
115327R	T27	150	188	100	73	10 / 200	
115330R	T30	150	188	100	74	10 / 200	
115340R	T40	150	188	100	88	10 / 200	
115345R	T45	200	240	120	173	10 / 120	
115350R	T50	200	240	120	173	10 / 120	

11A3R

- For torx head screw



KT NO.	Size	mm	mm	mm	kg	kg	kg
11A310R	T10	200	237	90	53	12 / 192	
11A315R	T15	200	237	90	53	12 / 192	
11A320R	T20	200	237	90	53	12 / 192	
11A325R	T25	200	237	90	53	12 / 192	
11A327R	T27	200	238	100	86	10 / 160	
11A330R	T30	200	238	100	86	10 / 160	
11A340R	T40	200	238	100	105	10 / 160	



KT NO.	PC.	Spec	Contents	kg	kg
21108MR	8	Ball hex type	1150MR H2, H2.5, H3, H4, H5, H6, H8, H10	1.1	1 / 12
21208MR	8	Hexagon type	1155MR H2, H2.5, H3, H4, H5, H6, H8, H10	1.1	1 / 12
21208SR	8		1155SR 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8	1.1	1 / 12
21309PR	9	torx head type	1153R T10, T15, T20, T25, T27, T30, T40, T45, T50	1.2	1 / 12

T - handle Wrench

- Material - Chrome vanadium steel
- Finishing - chrome plated



KT No. & D1

1195M

- 6 Point
- For hexagon head screw
- The handle pin can be removed for another wrench

KT NO.	mm	mm	mm	kg	kg
119502M	H2	64	127	22	10 / 200
119525M	H2.5	64	127	22	10 / 200
119503M	H3	64	127	23	10 / 200
119504M	H4	90	181	62	10 / 200
119505M	H5	90	182	65	10 / 200
119506M	H6	105	210	120	6 / 48
119508M	H8	124	250	224	4 / 32
119510M	H10	145	300	386	5 / 50



Torx Screwdriver



Wing Handle torx Screwdriver & Set

1153A



KT NO.	Size	mm	mm	mm	g	kg
1153A05R	T5	45	84	35	6	20 / 200
1153A06R	T6	45	84	35	6	20 / 200
1153A07R	T7	45	84	35	6	20 / 200
1153A08R	T8	45	84	35	6	20 / 200
1153A09R	T9	45	84	35	9	20 / 200
1153A10R	T10	45	84	35	9	20 / 200
1153A15R	T15	45	84	35	9	20 / 200
1153A20R	T20	45	84	35	9	20 / 200

23308PR



Contents

264 1 / 20



1153A

T5, T6, T7, T8, T9, T10, T15, T20

Flag Handle torx Screwdriver & Set

1163A



KT NO.	Size	mm	mm	mm	g	kg
1163A05R	T5	45	84	31	7	20 / 200
1163A06R	T6	45	84	31	7	20 / 200
1163A07R	T7	45	84	31	7	20 / 200
1163A08R	T8	45	84	31	7	20 / 200
1163A09R	T9	45	84	31	9	20 / 200
1163A10R	T10	45	84	31	9	20 / 200
1163A15R	T15	45	84	31	9	20 / 200
1163A20R	T20	45	84	31	9	20 / 200

24308PR



Contents

272 1 / 20



1163A

T5, T6, T7, T8, T9, T10, T15, T20

Notes



A series of horizontal dashed lines for writing notes, spanning the width of the page.

IC SPECIALIZED TOOLS

- Precision Pliers
- Precision Screwdriver
- Soldering & Desoldering
- Tweezers
- Soldering Iron Stand
- Punch Down Tools

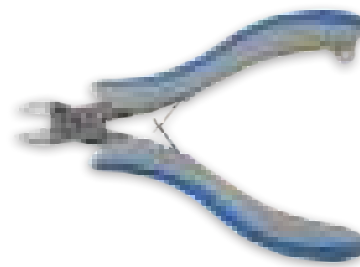
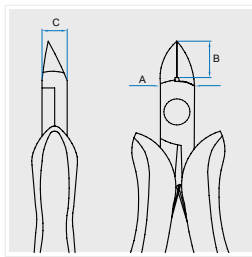
MEASURING TOOLS

- Digital Multimeter
- Tester Tools



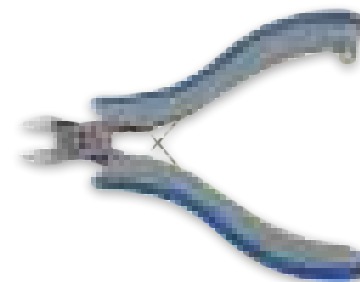
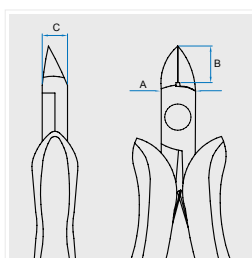
Precision Pliers

6207-05 Diagonal cutting nippers



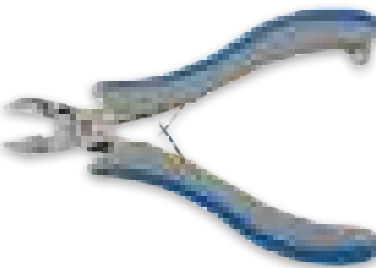
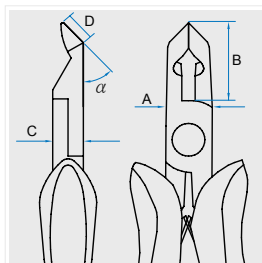
KT NO.	Overall length		Cutting capacities		A mm	B mm	C mm		
	inch	mm	\varnothing mm	\varnothing mm					
6207-05	4-3/4	118	2.0	1.6	10.8	11.5	7.1	88	6 / 120

6927-05 For plastic



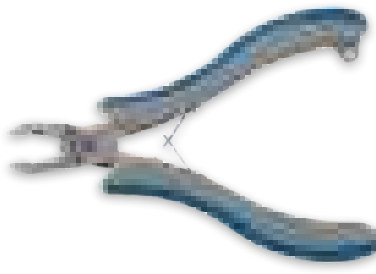
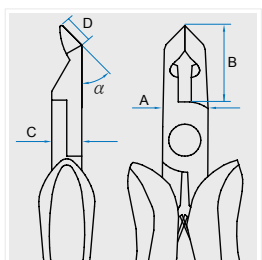
KT NO.	Overall length		A mm	B mm	C mm		
	inch	mm					
6927-05	4-3/4	118	10.3	11.5	7.1	71	6 / 120

6217-05 Diagonal cutting nippers



KT NO.	Overall length		Cutting capacities		α	A mm	B mm	C mm	D mm		
	inch	mm	\varnothing mm	\varnothing mm							
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



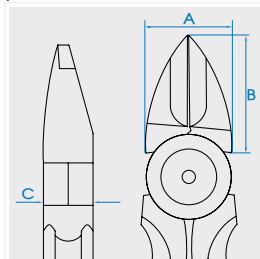
KT NO.	Overall length		Cutting capacities		α	A mm	B mm	C mm	D mm		
	inch	mm	\varnothing mm	\varnothing mm							
6247-05	5	125	1.0	0.5	45°	11.4	19.4	7.5	55	73	6 / 120

Precision Pliers



6271C

 Diagonal cutting nippers

- The cutting edge hardness at least 73° HRC up

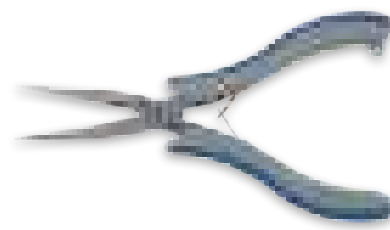
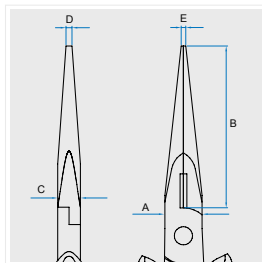






- The cutting edge is made from tungsten steel for an extremely long service life.

KT NO.	Overall length		●	A mm	B mm	C mm		
	inch	mm						
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

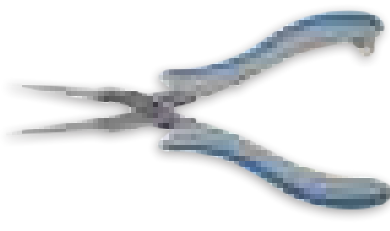
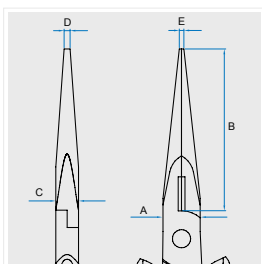
 Long nose pliers







KT NO.	Overall length		Cutting capacities		A mm	B mm	C mm	D mm	E mm		
	inch	mm	 ø mm	 ø mm							
6317-06	6	157	2.0	1.6	11.6	50	7.5	2	2	84	6 / 120

6367-06

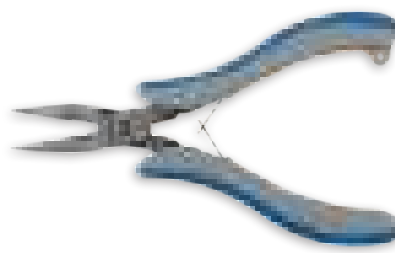
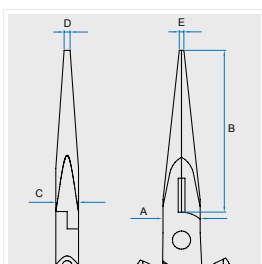
 Half-round nose pliers







KT NO.	Overall length		Cutting capacities		A mm	B mm	C mm	D mm	E mm		
	inch	mm	 ø mm	 ø mm							
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

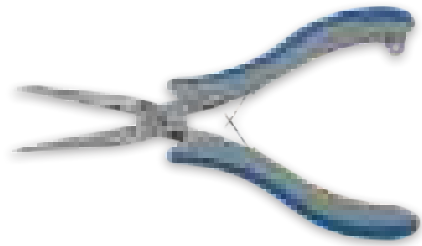
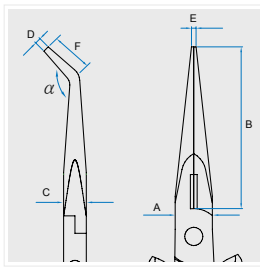






KT NO.	Overall length		Cutting capacities		A mm	B mm	C mm	D mm	E mm		
	inch	mm	 ø mm	 ø mm							
6377-55	5-1/2	138	2.0	1.6	11.3	30	7.5	1.5	1.5	97	6 / 120



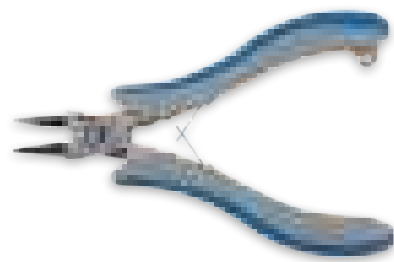
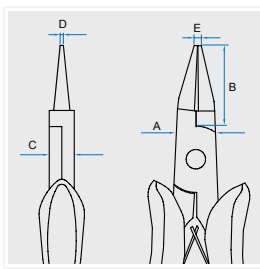
Precision Pliers



6337-06 Bent nose pliers



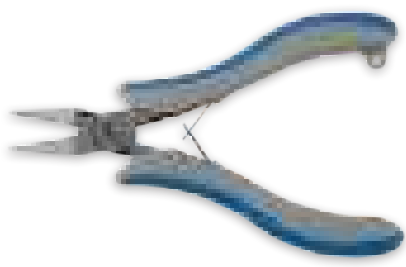
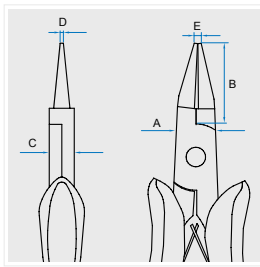
KT NO.	Overall length		Cutting capacities		α	A mm	B mm	C mm	D mm	E mm	F mm		
	inch	mm	 \varnothing mm	 \varnothing mm									
6337-06	6	154	2.0	1.6	40°	11.3	50	7.5	2	2.5	14	84	6 / 120



6347-05 Round-nose pliers



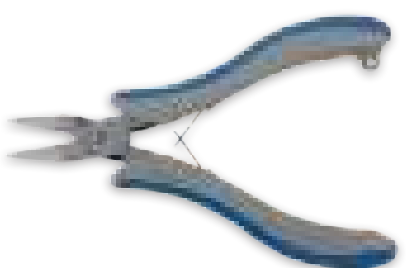
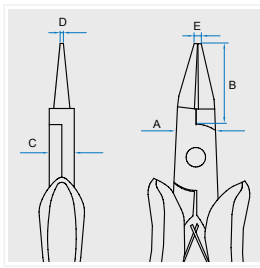
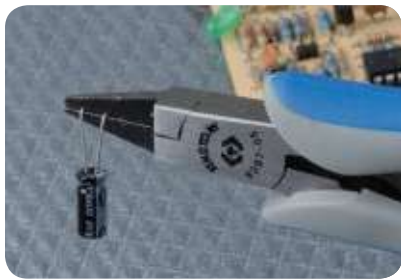
KT NO.	Overall length		A mm	B mm	C mm	D mm	E mm		
	inch	mm							
6347-05	5	128	11.4	24.9	7.5	1	2.14	74	6 / 120



63A7-05 Round-nose pliers



KT NO.	Overall length		A mm	B mm	C mm	D mm	E mm		
	inch	mm							
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		A mm	B mm	C mm	D mm	E mm		
	inch	mm							
63B7-05	5	128	11.5	24.7	7.5	1.3	1.8	74	6 / 120



Precision Screwdriver

- Shank material - SNCM - V alloy steel
- Grip material - PP
- Finishing - chrome plated with black tip

1431



- Phillips head, round shank
- DIN ISO 8764

KT NO.	⊕ No.	∅ 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	∅ 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	∅ mm	 mm		
14330415	T4	3	40	10	10 / 320
14330515	T5	3	40	10	10 / 320
14330615	T6	3	40	10	10 / 100
14330715	T7	3	40	10	10 / 100
14330815	T8	3	40	10	10 / 320
14330902	T9	4	50	16	10 / 100
14331002	T10	4	50	16	10 / 100
14331502	T15	4	50	16	10 / 100
14332002	T20	4	50	16	10 / 100
14330403	T4	3	75	11	10 / 320
14330503	T5	3	75	11	10 / 320
14330603	T6	3	75	11	10 / 320
14330703	T7	3	75	11	10 / 320
14330803	T8	3	75	11	10 / 320
14330903	T9	4	75	18	10 / 100
14331003	T10	4	75	18	10 / 100
14331503	T15	4	75	18	10 / 100
14332003	T20	4	75	18	10 / 100



Precision Screwdriver & Set

91230

- Screwdriver handle for interchangeable blades 2431, 2433
- Handle material - polypropylene (PP)



KT NO.	mm	g	kg/cb
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	g	kg/cb
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	g	kg/cb
24330610	T6 x T10	4	120	11	20 / 200
24330715	T7 x T15	4	120	11	20 / 200
24330820	T8 x T20	4	120	11	20 / 200
24330915	T9 x T15	4	120	11	20 / 200



KT NO.	PC.	Contents	g	kg/cb
32218MR	8	1432 1.0 x 75, 1.5 x 75, 1.8 x 75, 2.0 x 75, 2.5 x 75, 3.0 x 75, 3.5 x 75, 4.0 x 75	0.32	1 / 30
32209MR	9	1432 0.8 x 40, 1.0 x 40, 1.5 x 40, 1.8 x 40, 2.0 x 40, 2.5 x 40, 3.0 x 40, 3.5 x 40, 4.0 x 40	0.26	1 / 30
32108MR	8	1431 PH000 x 40, PH00 x 40, PH0 x 40, PH1 x 40	0.29	1 / 30
		1432 1.5 x 40, 2.0 x 40, 2.5 x 40, 3.0 x 40		
32118MR	8	1431 PH000 x 75, PH.00 x 75, PH0 x 75, PH1 x 75	0.36	1 / 30
		1432 1.5 x 75, 2.0 x 75, 2.5 x 75, 3.0 x 75		
32309PR	8	1433 T4 x 40, T5 x 40, T6 x 40, T7 x 40, T8 x 40, T9 x 50, T10 x 50, T15 x 50, T20 x 50	0.26	1 / 30
32607MR	8	91230	0.22	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		






Precision Screwdriver Set

31419MR

- Precision screwdriver set

114
PC.

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

6BC26 60W

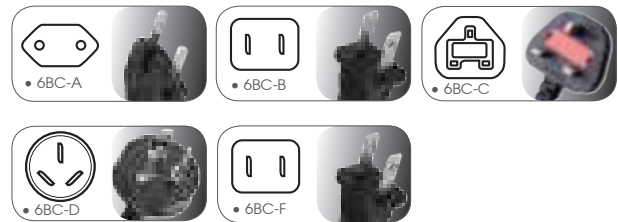
- 110V~240V, 30W, 40W, 60W, 100W
- For electrical and stained glass work

KT NO.	Voltage V	Rating W	Kg	Cu
6BC23A	220-240	30	160	54
6BC23B	220-240	30	125	54
6BC23C	220-240	30	196	32
6BC23D	220-240	30	160	32
6BC23F	110-120	30	125	54
6BC24A	220-240	40	125	54
6BC24B	220-240	40	125	54
6BC24C	220-240	40	196	32
6BC24F	110-120	40	125	54
6BC26A	220-240	60	166	54
6BC26B	220-240	60	166	54
6BC26C	220-240	60	216	32
6BC26F	110-120	60	166	54
6BC210A	220-240	100	210	20
6BC210B	220-240	100	210	20
6BC210C	220-240	100	330	20
6BC210D	220-240	100	288	20
6BC210F	110-120	100	210	20

6BC24 40W

6BC210 100W

- Lightweight handle
- Replaceable tip
- No CE certification



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	Kg	Cu
6BC23-1	30 / 40	4	13	100 / 4200
6BC26-1	60	6	16	100 / 1600
6BC26-3	60	6	16	100 / 1600



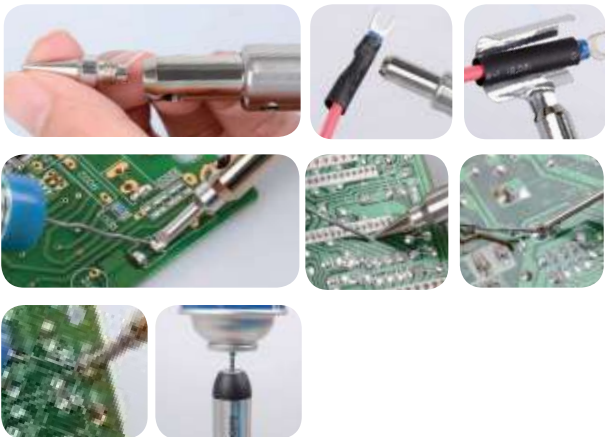
Gas Soldering Iron Set

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



KT NO.	Contents	0.45	20
6BC372		Gas soldering 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	17	20 / 480
6BF11-17	1.0	17	20 / 480

Desoldering Pump

6BD11

- One-hand operation
- ABS Body, teflon nozzle



KT NO.	Overall length mm	42	8 / 32
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	85	50 / 100
6BD22	197	85	50 / 100

Soldering Aid

6BE11-07

- Brush / Scraper:
For removing flux residue
and surplus solder

KT NO.	Overall length mm		
6BE11-07	175	15	1 / 200
6BE12-07	175	15	1 / 200
6BE16-07	180	15	1 / 200



6BE12-07

- Scraper / Curved Probe:
For component and lead
extraction

6BE16-07

- Pointed / Slotted Probe:
Fits wire up to 22AWG.
For wrapping and unwrapping etc



Straight Fine Point Tweezers

6AF11-125

- Stainless steel with straight fine point
- Used for soldering integrated circuit chip,
installing or replacing components
- It's suitable for doing precise repairing work



KT NO.	Overall length mm		
6AF11-125	124	16	50 / 800

Reverse Action Tweezers

6AF21-165

- Stainless steel with tapered tips and flat points
- For holding small parts when soldering or spraying



KT NO.	Overall length mm		
6AF21-165	172	29	30 / 480

Mini Soldering Iron Stand

6BC100

- Lightweight and high temperature bakelite
resistance
- Mini size, easy to take
- Used for holding solder iron

 12  12 / 240



Soldering Iron Stand with Sponge

6BC200

- Suitable for most pencil type soldering irons
- Convenient for easy storage
- Sponge for tip cleaning
- Double spiral spring construction prevents the
hot soldering iron from accidentally burning the
surface of other objects when it is inserted into
the stand

 187  4 / 24

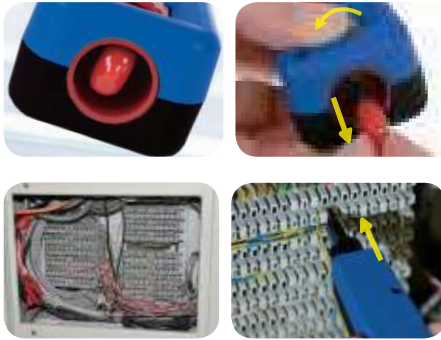
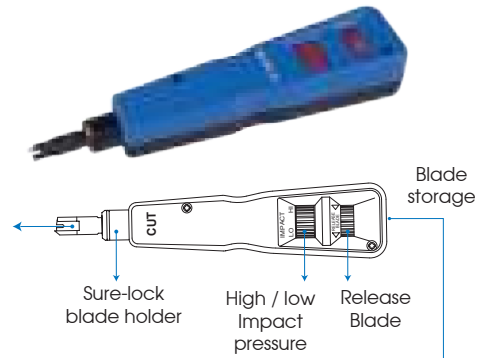


Punch Down Tool

6AH

- For setting wire into terminal blocks or cut off wire end after terminated
- Blade : 66 & 110/88 & Krone type

KT NO.	Type	Overall length				
		inch	mm			
6AH11	110/88	6-3/4	170	140	1	80
6AH12	KRONE	6-3/4	170	140	1	80
6AH13	66	6-3/4	170	140	1	80
6AH14	66 & 110/88	6-3/4	170	140	1	80

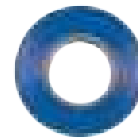


- 6AH01-1 FOR USE ON 110/88 TYPE
- 6AH01-2 FOR USE ON KRONE TYPE
- 6AH01-3 FOR USE ON 66 TYPE
- 6AH01-4 FOR USE BOTH 66 & 110/88 TYPE

PVC Electrical Insulation Tape

6AG11-20

KT NO.	Overall length			
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

1.26 1 / 8

	1412	3x75, 5.5x100, 6.5x100
	1411	PH0x75, PH1x100, PH2x100

















6AF11-125 6CB02 6BC100

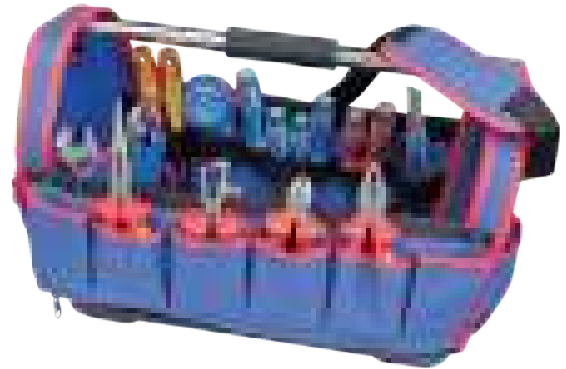
Electronic & Electrician Tool Set

91333MQ

▪ For electrician equipment

33
PC.

Contents		Kg 6.02  1 / 1	
	1421	PH1 x 80, PH2 x 100	
	1422	5 x 75, 5 x 100, 6.5 x 100, 6.5 x 150	
	1471	VDE NO.2 x 100	
	1472	VDE 6.5 x 150	
	6116-07A	VDE 7-1/2"	
	6216-06A	VDE 6-1/2"	
	6318-08A	VDE 8-1/4"	
	6716-06A	VDE 6-1/4"	
	20109MR	1.5, 2, 2.5, 3, 4, 5, 6, 8, 10	
	20129SR	1/16, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8, 5/64	
	3611-08R	200mm	
	79093-05C	5M/16FT 19mm	
	7971-07	165mm	










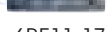




87711C
Overall size:
550 x 285 x 370 mm / 39 inner pockets

91038MY01

▪ For electronic & electrician equipment...etc

38
PC.

Contents		Kg 3.13  1	
	1421	PH0 x 60, PH1 x 80, PH2 x 100	
	1422	3 x 75, 5 x 75, 6.5 x 100	
	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		



87721B
Overall size: 360 x 200 x 250 mm



Digital Multimeter

9DM1361

- Date hold, auto range, auto power off selection, auto power off cancelation
- Unit & function indication, Maximum reading value 1999 digits. Negative polarity indicator (no indication is given for positive polarity)
- Low power consumption
- Fuse with : 500mA / 660V & 10A / 600V
- CE approval IEC61010-1 (2010), CAT.II 600V, CAT.III 300V



Specification	
DC Voltages (0.1mV ~ 1V)	200mV / 2V / 20V / 200V / 600V
AC Voltages (0.001V ~ 1V)	2V / 20V / 200V / 600V
DC Ampere (0.1uA ~ 0.01A)	200uA / 2000uA / 20mA / 2A / 10A
AC Ampere (0.1uA ~ 0.01A)	200uA / 2000uA / 20mA / 2A / 10A
Resistance (0.1Ω ~ 0.01MΩ)	200Ω / 2kΩ / 20kΩ / 200kΩ / 2MΩ / 20MΩ
Continuity check	Yes
Diode test	Yes
hFE(NPN, PNP)	Yes
LED check	Yes
Low battery indicator	Yes
LCD Display	3 1/2 digits 2000 counts
Sampling rate	3 times / sec

KT NO.	Size (mm)	⚖️	📦
	L x W x H		
9DM1361	138 x 70 x 32	85	10 / 40



Digital Multimeter

9DM1381

- Pocket size with flip cover design
- Approx. 4300 counts LCD display
- Auto range, auto power off selection
- Low power consumption
- CE approval EN61010-1, CAT.II 600V, CAT.III 300V
- Attachable test leads, easy operation



Specification	
DC Voltages (0.1mV ~ 1V)	400mV / 4V / 40V / 400V / 600V
AC Voltages (0.001V ~ 1V)	4V / 40V / 400V / 600V
Resistance (0.1Ω ~ 0.01MΩ)	400Ω / 4kΩ / 40kΩ / 400kΩ / 4MΩ / 40MΩ
Continuity check	Yes
Diode test	Yes
Overload indicator	OL
Low battery indicator	Yes
Sampling rate	Approx. 2 times / sec

KT NO.	Size (mm)	⚖️	📦
	L x W x H		
9DM1381	117 x 76 x 18	121	20 / 80



Digital Clamp Meter

9DM2351

- Max clamp size: \varnothing 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 (0.1 Ω - 0.01M Ω)	200 Ω / 2k Ω / 20k Ω / 200k Ω / 2M Ω / 20M Ω
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

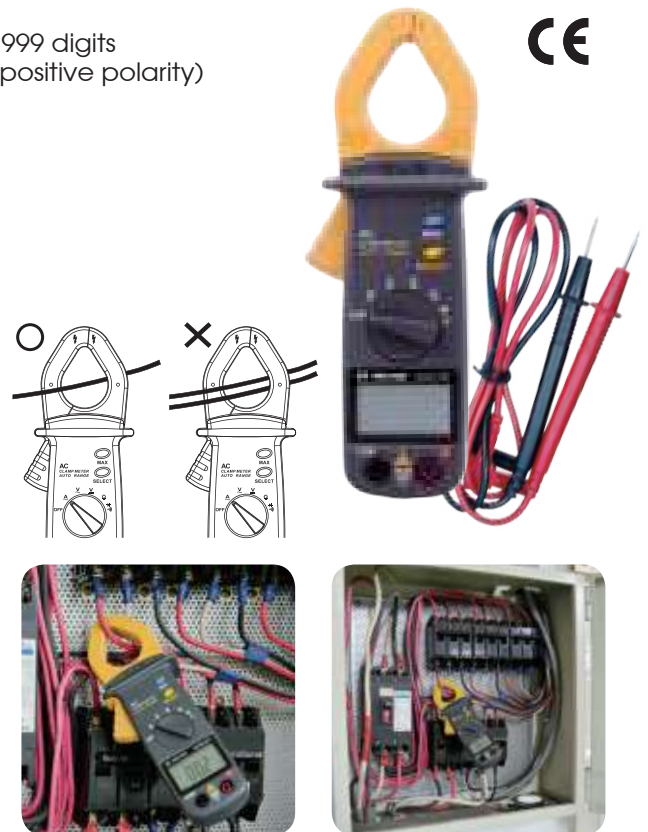


9DM2351

189 x 71 x 37

354

5 / 40



AC Non-contact Voltage Tester

6CB31

- Voltage ranges : 80 to 1000V AC.(50~60Hz)
- Application :
AC voltage in outlets, lighting, circuit breakers, wires and cables etc..
- Adjustable sensitivity voltage detection
- Visible LED light voltage indicator in tip
(Green light is high gear, red light is low gear)
- AAA battery x 2 PC. included
- Standard category :
EN 61000-6-3 / EN 61000-6-1 CAT III

CE



KT NO.

Overall size (mm)
L x W x H



6CB31

160 x 20 x 24

72

10 / 100



Infrared Thermometer

9DN12

- Not necessary to contact with the object
- IR point can be displayed clearly
- °C and °F interchangeable functions
- Selection of different materials
- Dark screen backlight test board functions
- 15 seconds automatically turn off the screen
- 9V battery * 1 (included)

Technical data	
Temperature range	-30~550°C (-22~1022°F)
Operating temperature	0~50°C
Resolution	0.1°C / 0.1°F
Accuracy	±2.5% OR 3°C
Emissivity	Selectable (0.85 / 0.90 / 0.95)
Distance to spot ratio	12:1
Auto power off	15 seconds
Laser pointer	Class 2 Laser < 1 mW

KT NO.	Overall Size (mm)	g	/
	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.	mm		mm		Testing range	g	/
	mm	mm	mm	mm			
6CB02	3	0.6	65.5	140	100~500V	15	12 / 288



Digital Voltage Tester

6CB21

- Self-Diagnostic test
- Built-in LED flashlight
- LCD Display
- Protection IP64
- AAA 1.5V x 2pcs
- Standard category:
EN 61243-3 / IEC 61243-3
EN 61010-1 / IEC 61010-1
CAT.III 690V / CAT.IV 600V

KT NO.	Overall Size (mm)	g	/
	L x W x H		
6CB21	255 x 66 x 30	250	5 / 20

Specification	
DC Voltage Test	12, 24, 50, 120, 230, 400, 690V
Polarity indication	Yes
AC Voltage Test	12, 24, 50, 120, 230, 400, 690V
Phase rotation test	Yes
High voltage indication	≥ 50V
Frequency range	0-70Hz
Continuity test	0~550KΩ
Operation condition	-10~55°C



WIRE & CABLE TOOLS

- Scissors
- Cable Cutter
- Knife
- Wire Strippers
- Cable Strippers
- Crimping Tool



Electrician Scissors

6AB13-06

- High cutting performance by low cutting force



• 38mm² wire



Ergonomic design, handles made of high compressive strength and non-slip nylon fiber+TPV
Special handle design, also suitable for the left-hander

Blades made of AUS-8, serrated on the edge can prevent objects from slip away, soft cable, up to dia 38mm², insulation materials, electrical tape cable tie

KT NO.	Overall length inch mm	Cutting length mm	Cutting capacity AWG mm ²		
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 mm	Cutting length mm	Cutting capacity Ø mm		
6AB21-65	6-1/2 158	22	10	156	12 / 72

Multi-purpose Scissors

6AB12-55

- Stainless steel with serrated edges
- Grip material - PP + TPR



KT NO.	Overall length mm		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



6AB31-75



6AB31-85

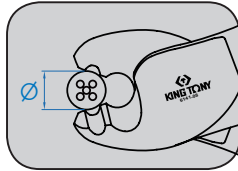
KT NO.	Overall length inch mm	Cutting capacity mm	AWG	mm ²	Cutting capacity				
					Leather	Copper(soft)	Aluminum		
6AB31-75	7-1/2 185	52	16-12	1.5-4.0	2.0	0.5	0.5	160	12 / 72
6AB31-85	8-1/2 214	78	16-12	1.5-4.0	2.0	0.5	0.5	196	12 / 72

- 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		Cutting capacity		⚖️	📦/📦
	inch	mm	DIN(mm ²)	AWG		
6141-06C	6	160	33	2	169	6 / 120
6141-08C	8-3/8	212	67	2 / 0	282	6 / 60

Cable Cutter

6AD

- Cable cutter for cutting copper and aluminum cable



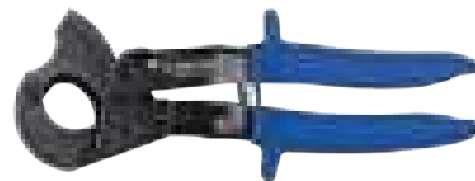
- Can be use with : 67B3-55 📖402 / 6AC51 📖407

KT NO.	Overall length mm	Cutting capacity		⚖️	📦/📦
		DIN(mm ²)	AWG(MCM)		
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)



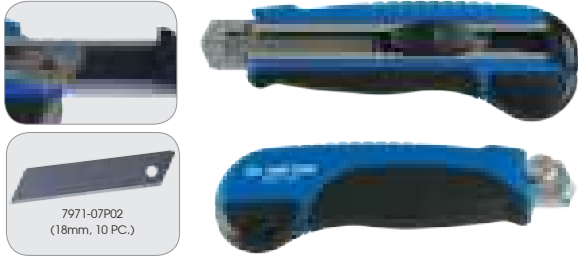
KT NO.	Overall length mm	Cutting capacity		⚖️	📦/📦
		mm ²	AWG(MCM)		
6AD10-325	255	325	600	613.2	10 / 30
6AD10-3P01	Spare cutting blade			58	1 / 100



Utility Cutter

7971-07

- Automatically reloading snap-off blades
- Ergonomic soft ABS TPR handle
- Stainless steel blade guide
- Blade lock knob
- 4-blade cartridge(18mm)



KT NO.	L mm		
7971-07	165	180	6 / 72

7976-65

- Ergonomic TPR handle
- Stainless steel blade guide
- Blade lock knob



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		
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		
7933-45	85	120	205	111	10 / 180

7934-45

- Billhook blade electrician knife



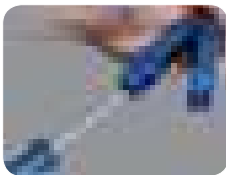
KT NO.	Blade length mm	Closed length mm	Overall length mm		
7934-45	75	120	191	125	10 / 180



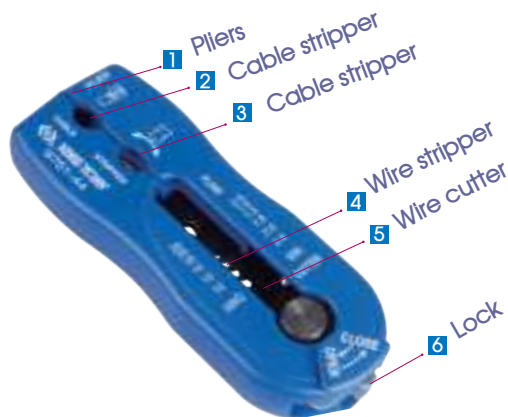
Multi-purpose Wire Stripper

6751-44

- Wire stripper
- Wire cutter
- Cable stripper



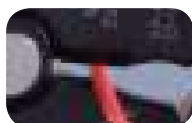
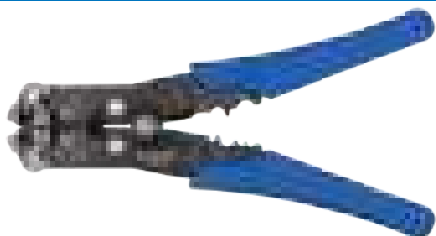
Preparation blade



KT NO.	Wire stripper Ø mm	Cable stripper AWG	Wire cutter Ø mm	⚖️	📦
6751-44	0.8-2.6	20-10	6-10	116	10 / 100

Wire Stripper

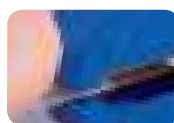
6762-08



- Insulated terminal crimping
- Wire stripper
- Wire cutter

KT NO.	Wire stripper mm ²	Wire cutter Ø mm	Insulated terminal crimping mm ²	AWG	⚖️	📦
6762-08	0.2-0.6	24-10	6	0.5-6	22-10	271 15 / 60

67A1-07

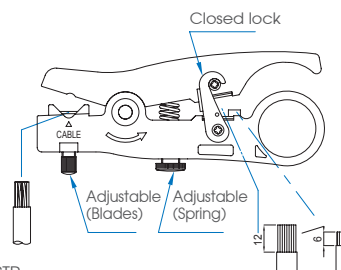
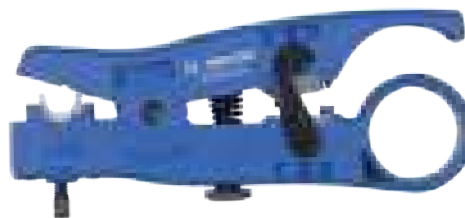


KT NO.	Wire stripper mm ²	Wire cutter Ø mm	⚖️	📦
67A1-07	0.05-3.5	30-12	5	209 12 / 60

Cable Stripper

6755-05

- UTP/STP, flat cable stripper & cutter
- Material: ABS



UTP/STP cable stripper	(Ø 2.6 ~ Ø 8.0)
Flat cable stripper / cutter	RJ-45 (12 mm), RJ-11/12 (6 mm)

KT NO.	Overall length inch	mm	⚖️	📦
6755-05	5	127	72	20 / 120

UTP/STP
Cable stripper
(Ø 2.6 ~ Ø 8.0)

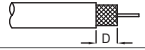
Flat cable
stripper / cutter
RJ-45 (12 mm)
RJ-11/12 (6 mm)



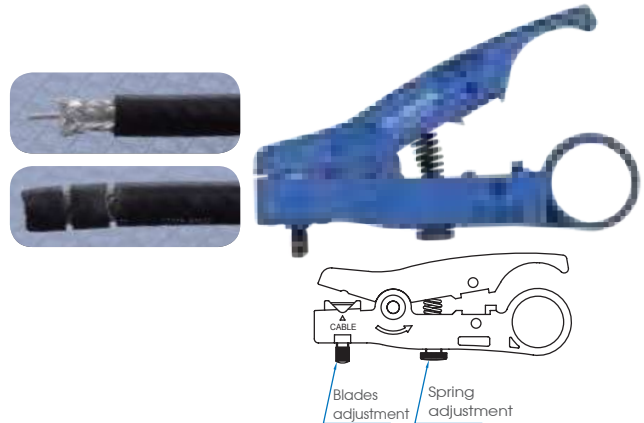
Coax. Cable Stripper

6756-05

- 2-Blades model
- Material : ABS

Stripper dimension "d"	6.4 mm	
Stripper distance 2-Blades model	RG-174/58/59/62/6 3C/4C/5C (Ø 2.6 ~ Ø 8.0)	

KT NO.	Overall length			
	inch	mm		
6756-05	5	127	68	20 / 120

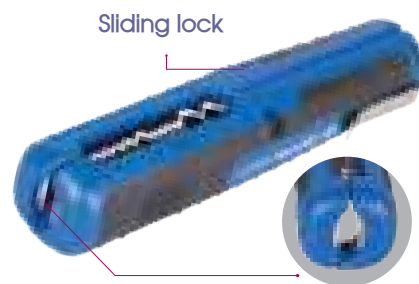


Multi-stripper

67B2-05

KT NO.	Overall length			
	inch	mm		
67B2-05	4-3/4	120	69	15 / 90

Stripping capacity	
• Round cables between :	8-13mm
• Wire cable :	0.5 1.0 1.5 2.5 4.0 6.0mm ²
• AWG :	20 18 16 14 12 10
• Coax.cable :	RG-6 / RG-59



Cable Stripper

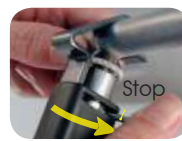
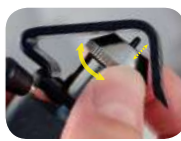
67B3-55

- Fast and safe stripping of round cable sheaths made of PVC or rubber from 6-45mm dia
- Adjustable knurled nut for max 6mm sheath

KT NO.	Cable stripper Ø mm	Overall length			
		inch	mm		
67B3-55	6-45	5-1/2	140	170	10 / 100



• Can be use with : 6AC51  407 / 6AD  399



• Remove the cable sheaths without damage of the inner conductors

• Adjustable cutting depth

• Push cover depth

• Simple rotating the tool body

Cable Tie Fasten Tool

67E2-08

- Fasten nylon ties, up to 9mm in width
- Long stroke for fast action
- Tails cut separately to desired length



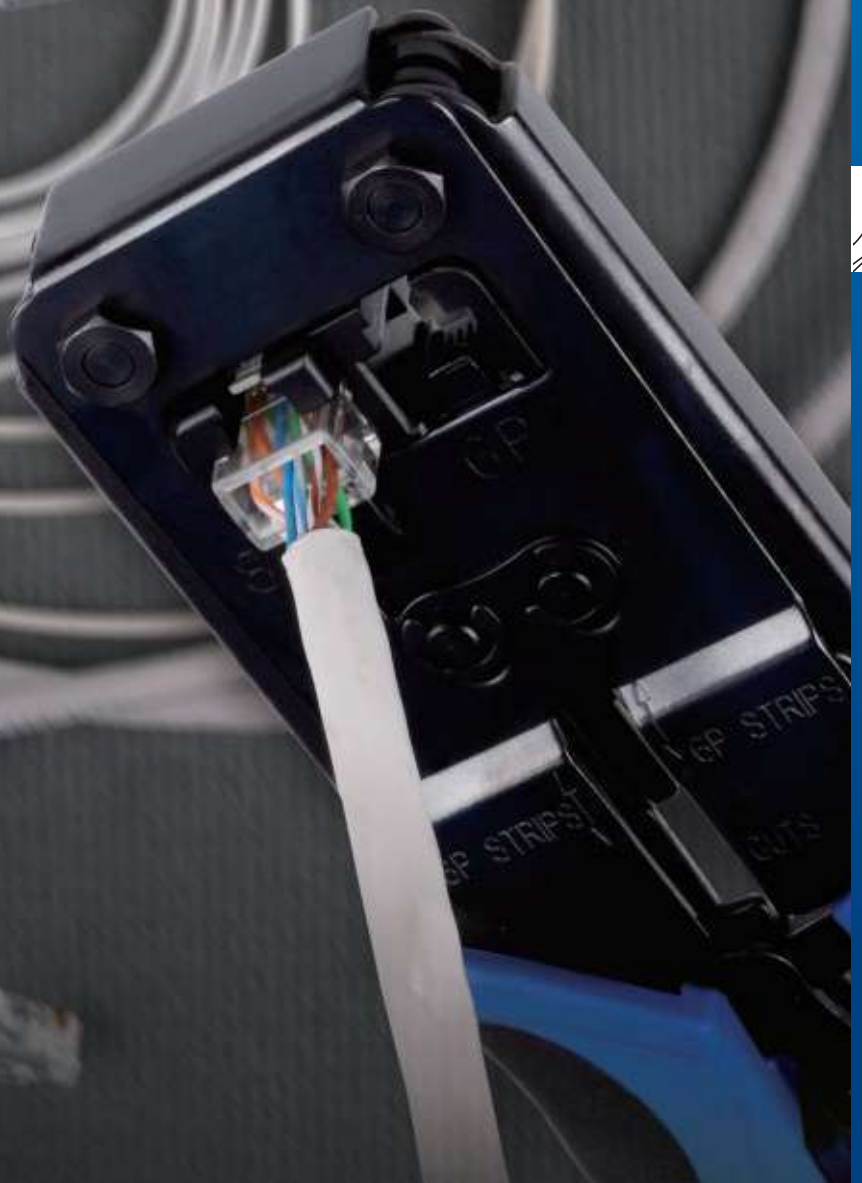
KT NO.	L mm	Max. cutting width (mm)		
67E2-08	191	9	310	5 / 40



■ Crimp die profiles

Symbol		
		Phone plugs 6 pin
		Modular plugs 8 pin
		Insulated terminal connectors
		Non-Insulated terminal connectors
		Pin terminal, Insulated & Non-Insulated ferrules
		Non-Insulated terminal, Lug connectors

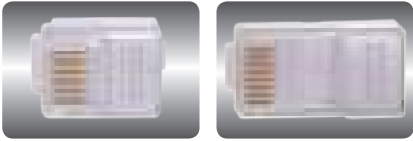
Symbol		
		CATV "F" , BNC , COAX , and fiber optics connectors
		
		
		



Modular Crimping Tool

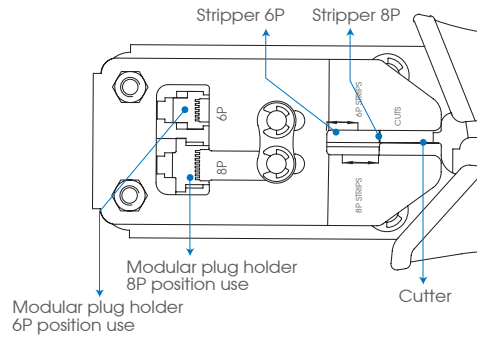
67F1-08

- For cutting / stripping / crimping
- 2 types of plugs in 1 tool
- Grip material - PP+TPR



• 6P • 8P

KT NO.	Overall length			
	inch	mm		
67F1-08	8	203	370	10 / 40

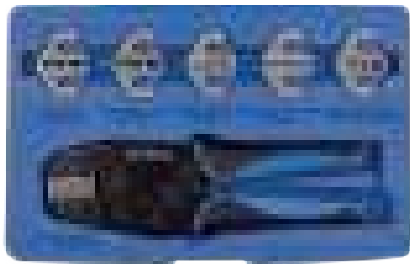


Interchangeable Ratchet Crimping Tool Set

42107GX

- Quick interchangeable ratchet function & easy to use
- Crimping jaws with heat treatment
- Blow case size (mm): 282 x 176 x 52 (0.09 cuft)

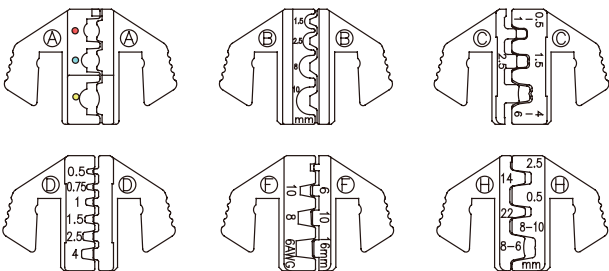
1.16 1 / 10



7 PC.

CONTENTS :

- A : Insulated Terminal : 0.5 to 6mm²
- B : Non-Insulated Terminal : 1.5 to 10mm²
- C : Open Barrel Terminal : 0.5 to 6mm²
- D : Insulated Core-end Terminal : 0.5 to 4mm²
- F : Insulated Huge Core-end Terminal : 6 to 16mm²
- H : Open Barrel & D-Sub, V.35 Connectors : 0.5 to 10mm²



Ratchet Crimping Tool Set

67G0005

- Blow case size (mm): 240 x 70 x 50 (0.07 cuft)

1 1 / 16



5 PC.

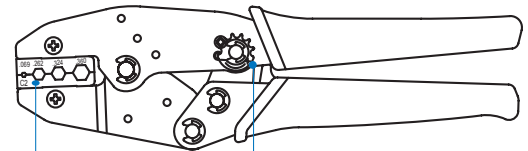


Item No.	Replacement die set	Terminal size	Description	
67GN-09	67GNP01	AWG 12 / 14 / 16 / 18 / 20 / 22 0.5 / 0.75 / 1.0 / 1.5 / 2.5 / 4.0 mm ²	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GJP01		AWG 6 / 8 / 10 / 6 / 10 / 16 mm ²	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
67GKP01		AWG 12-10 / 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	

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		Scales	Boxes
	inch	mm		
67G	8.7	222	480	1 / 30



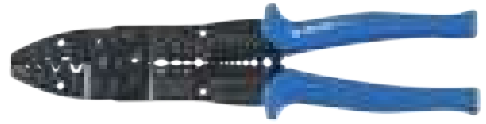
Item No.	Replacement die set	Terminal size	Description		Item No.	Replacement die set	Terminal size	Description	
67G1-09	67G1P01	.068" .262" .324" .360" (1.72 6.65 8.23 9.14 mm)	CATV "F" Connectors RG59, 6		67GB-09	67GBP01	.075" .100" .128" .429" (1.9 2.54 3.25 10.9 mm)	RG8, 9, 11, 174, 316 BELDEN 9913	
67G2-09	67G2P01	.068" .213" .356" .319" (1.72 5.41 6.5 8.1 mm)	RG58, 59, 62, 6, BELDEN 8279		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	
67G3-09	67G3P01	.068" .213" .255" (1.72 5.41 6.48 mm)	RG58, 59, 62, 140, BELDEN 8279		67GD-09	67GDP01	.068" .255" .324" (1.72 6.48 8.22 mm)	RG59, 62, 6, BELDEN 8281	
67G4-09	67G4P01	.068" .100" .213" .255" .324" (1.72 2.50 5.41 6.48 8.23 mm)	RG58, 59, 62, 6,		67GE-09	67GEP01	.068" .187" .213" .255" (1.72 4.75 5.41 6.48 mm)	RG58, 59, 62 142, 174, 223	
67G5-09	67G5P01	.187" .213" .319" (4.75 5.41 8.1 mm)	RG58, 6, 174, 140 FIBER OPTIC		67GF-09	67GFP01	.128" .151" .187" .213" (3.25 3.84 4.75 5.41 mm)	RG58, 174 FIBER OPTIC	
67G6-09	67G6P01	.255" .320" .350" (6.48 8.13 8.9 mm)	CATV "F" Connectors RG59, 6		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	
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		67GJ-09	67GJP01	AWG 6 / 8 / 10 6 / 10 / 16 mm ²	PIN TERMINAL INSULATED OR NON-INSULATED FERRULES	
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		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	
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		67GL-09	67GLP01	AWG 12-10 / 8 / 16-14 / 20-18 1.5 / 2.5 / 6 / 10 mm ²	NON-INSULATED TERMINAL	
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		67GH-09	67GHP01	AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm ²	FOR INSULATED TERMINAL	
67GG-09			Unchangeable AWG 12-10 / 16-14 / 22-18 0.5-1.0 / 1.5-2.5 / 4-6 mm ²					FOR INSULATED TERMINAL	



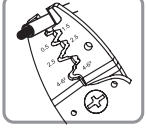
Crimping Tools

6721-10

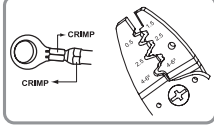
- Wire cutter
- Crimps insulated terminals
- Bolt cutter
- Crimps non-insulated terminals (Open barrel)
- Wire stripper



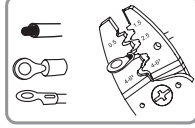
FUNCTION:



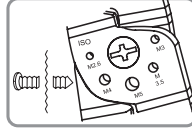
• Wire cutter



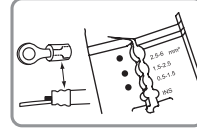
• Open barrel terminal crimping



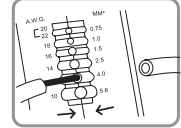
• Non-Insulated terminal Crimping



• Bolt-cutter



• Insulated terminal Crimping

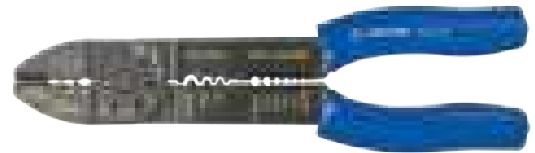


• Wire stripper

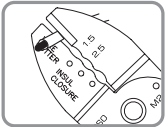
KT NO.	Wire cutter Ø mm ²	Insulated terminal crimping	Bolt-cutter	Non insulated terminal crimp	Open barrel terminal crimping	Wire stripper mm ²	⚖	📦
6721-10	6	0.5~6	M2.6~5	0.5~6	1.5~6	0.75~6.0	248	10 / 50

6732-09

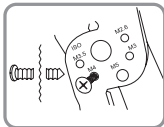
- Wire cutter
- Crimps insulated terminals
- Bolt cutter
- Crimps non-insulated terminals (Ring)
- Wire stripper



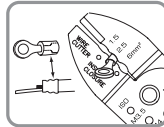
FUNCTION:



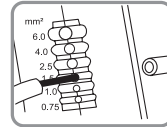
• Wire cutter



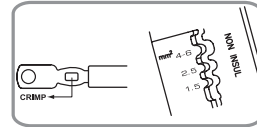
• Bolt-cutter



• Insulated terminal Crimping



• Wire stripper



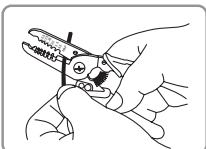
• Non-insulated ring terminal crimping

KT NO.	Wire cutter Ø mm ²	Insulated terminal crimping	Bolt-cutter	Non-insulated ring terminal crimping	Wire stripper mm ²	⚖	📦
6732-09	6	1.5~6	M2.6~5	1.5~6	0.75~6.0	261	24 / 72

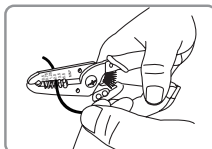
6741-06

- Wire cutter
- Wire stripper

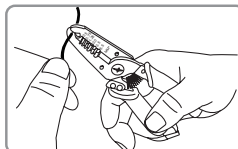
FUNCTION:



• Wire cutter



• Wire stripper



• Peel the electric wire's shell



KT NO.	Wire cutter Ø mm ²	Wire stripper mm ²	⚖	📦
6741-06	6	0.5~5.5	103	10 / 100

Heavy Duty Crimping Tool

6AC51-22

- For cable lugs from 10mm²-120mm² with non-ratchet screw adjustment



Crimping capacity

KT NO.	Overall length mm		
6AC51-22	570	2996	1 / 5

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 10mm²-150mm² with non-ratchet screw adjustment



Crimping capacity

KT NO.	Overall length mm		
6AC51-26	665	3900	1 / 5

AWG	8	6	4	2	1/0	2/0	3/0	4/0	300MCM
JIS(mm ²)	8	14	22	38	60	70	80	100	150
DIN(mm ²)	10	16	25	35	50	70	95	120	150

Crimping Tool for Non-insulated Terminal

6AC52

- Ratchet designed. For non-insulated terminals



KT NO.	Overall length			
	inch	mm		
6AC52-11	10-1/2	270	480	6 / 24
6AC52-12	12	300	520	6 / 24

Item No.	AWG	16	14	10	8	6
	JIS mm ²	1.25	2	5.5	8	14
	DIN mm ²	1.5	2.5	6	10	16
6AC52-11		•	•	•	•	
6AC52-12		•	•	•	•	•



HAMMERS & STRIKING TOOLS

- Hammer
- Punch
- Flat Chisel
- Marking Punch





 KING TONY 7851-24

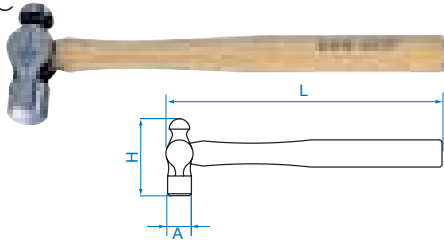
Hammer



Please wear proper safety gear while working.

7811

- American style
- Forged and hardened steel
- Wood and metal wedge
- GGG-H86C

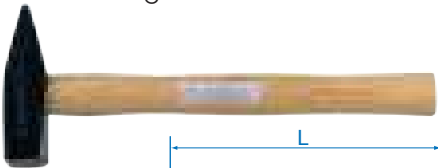


KT NO.	H.W		A	H	L		
	g	LB	mm	mm	mm		
7811-08	245	1/2	8	25	80	375	6 / 60
7811-12	370	3/4	12	29	93	300	485 6 / 48
7811-16	485	1	16	32.5	103	353	640 6 / 36
7811-24	765	1-1/2	24	35.5	122	405	975 6 / 24
7811-32	925	2	32	40.5	125	405	1200 6 / 24
7811-40	1125	2-1/2	40	42.2	133	405	1395 6 / 12

7821

7821:

- German style
- Forged and hardened steel
- Wood and metal wedge
- DIN 1041



KT NO.	H.W		A	H	L		
	g		mm	mm	mm		
7821-30	395		23	103	300	400	12 / 48
7821-50	615		27	120.5	320	660	6 / 36
7821-80	990		33	130	350	960	6 / 24

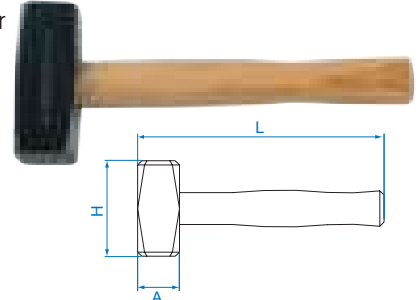
7823

7823:

- Engineer's hammer
- DIN 1041

7833

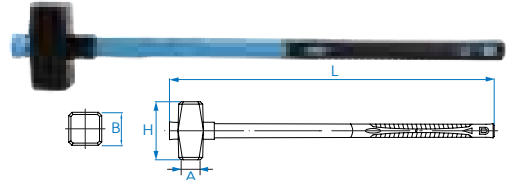
- Lump hammer
- DIN 6475



KT NO.	H.W	A	H	L		
	g	mm	mm	mm		
7833-10	1000	40	95	260	1065	7 / 14
7833-12	1250	43	100	260	1425	6 / 12
7833-15	1500	45	110	280	1778	6 / 12
7833-20	2000	50	120	300	2142	4 / 8

7834

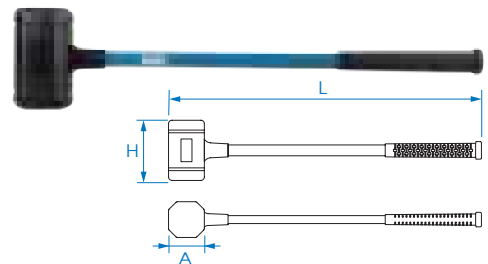
- Sledge hammer
- Fiberglass handle



KT NO.	H.W	A	B	H	L		
	g	mm	mm	mm	mm		
7834-50	5000	66	66	160	895	5930	1 / 2

7852

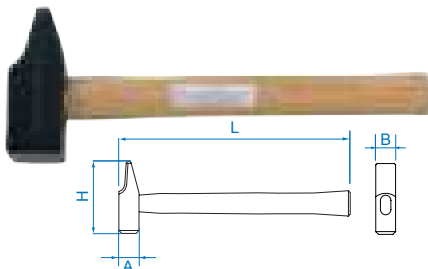
- Rubber hammer
- Fiberglass handle



KT NO.	H.W	A	H	L		
	g	mm	mm	mm		
7852-23	1650	69.5	142	500	2000	4 / 12
7852-55	4500	104	198	910	5500	2 / 4

7822

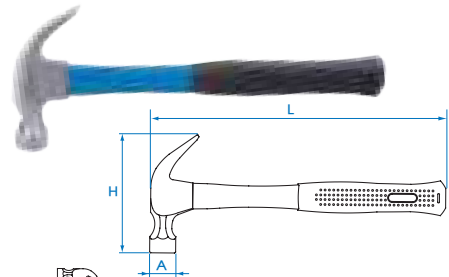
- Riveting hammer
- NF E71-016



KT NO.	H.W	A	B	H	L		
	g	mm	mm	mm	mm		
7822-25	315	25	22	85	280	489	10 / 40
7822-30	400	30	26	95	300	650	10 / 40
7822-35	630	35	31	105	300	1000	9 / 36
7822-40	800	40	35	115	320	1330	8 / 16
7822-45	1250	45	40	124	355	1790	8 / 16
7822-50	1600	50	44	135	382	2458	6 / 12

7861

- Fiberglass claw hammer

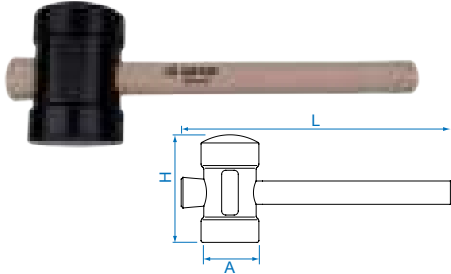


KT NO.	HW	A	H	L			
	oz	g	mm	mm	mm		
7861-16	16	450	30	133	335	740	4 / 24
7861-20	20	565	31	144	340	830	4 / 24
7861-24	24	680	32	147	380	920	10 / 20

Hammer

7848

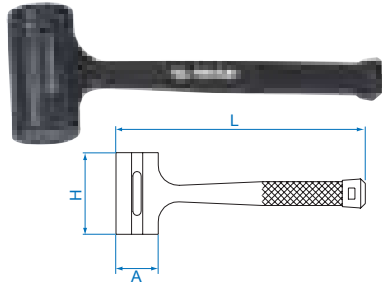
- Rubber hammer
- **Feature:** used to lay basalt floors, tires and other materials which are vulnerable



KT NO.	H.W g	A mm	H mm	L mm		
7848-60	523	64	119	330	628	6 / 12
7848-80	821	79	119	350	979	5 / 10

7851

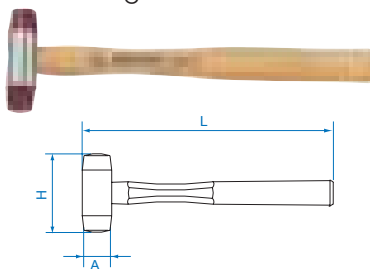
- Dead blow hammer



KT NO.	H.W g	A mm	H mm	L mm		
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

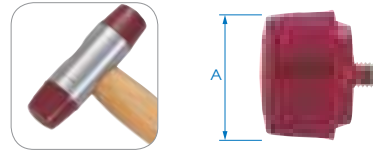
- Soft face hammer
- Replaceable polyurethane face
- Helps minimize marring and surface damage



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°

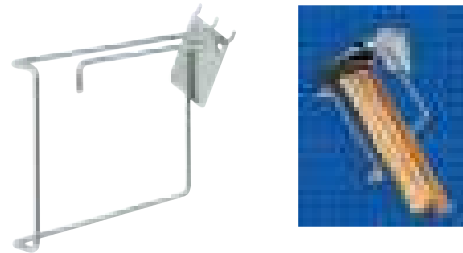


KT NO.	Hardness (shore A)	A mm		
91522H/S	90° / 75°	22	11	10 / 160
91528H/S	90° / 75°	28	24	10 / 100
91535H/S	90° / 75°	38	36	6 / 120
91545H/S	90° / 75°	45	65	6 / 36
91560H/S	90° / 75°	60	123	6 / 12

Hammer Hook

91431

- Overall Size -
W40 x D210 x H240 mm
- Weight - 411.6 g / Cuff - 0.072



Chisel & Punch

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

761

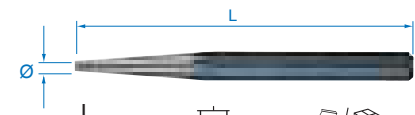
Center punch



KT NO.	Ø mm	L mm		
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		
76301-05	1	120	57	12 / 336
76302-05	2	120	58	12 / 336
76303-05	3	120	60	12 / 336
76304-05	4	120	60	12 / 336
76305-05	5	120	64	12 / 336
76306-05	6	120	64	12 / 336
76307-05	7	120	100	12 / 240
76308-05	8	120	100	12 / 240
76309-06	9	150	130	12 / 144
76310-06	10	150	132	12 / 144



Chisel & Punch

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



Please wear proper safety gear while working.

765

Cape chisel



KT NO.	ø mm	L mm		
76505-05	2.6	132	70	12 / 192

762

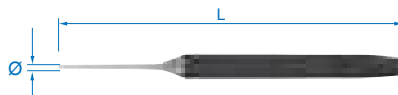
Flat chisel



KT NO.	A mm	L mm		
76213-04	13	100	69	12 / 336
76215-05	15	125	70	12 / 336
76217-06	17	150	145	12 / 144
76220-07	20	175	300	12 / 144
76223-08	23	200	300	12 / 72
76224-10	24	250	388	4 / 40
76226-12	26	300	650	4 / 32

764

Pin punch



KT NO.	ø mm	L mm		
76402-45	2	115	32	10 / 640
76403-05	3	125	34	10 / 640
76403-06	3	150	43	10 / 250
76404-06	4	150	60	10 / 250
76405-65	5	165	71	10 / 280
76406-07	6	180	125	10 / 150
76408-08	8	200	130	10 / 120
76410-85	10	215	155	12 / 120
76412-09	12	230	356	10 / 80
76414-10	14	250	502	6 / 48

Punch Set

1005APR

new

5
PC.



Contents

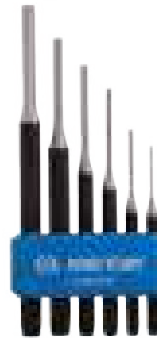
0.32 1 / 5

	76104-05	ø 4 x 120
	76215-05	15 x 125
	76303-05	3 x 120
	76404-06	ø 4 x 150
	76505-05	ø 5 x 130

1006APR

new

6
PC.



Contents

0.51 5 / 30

	764	ø 2 x 115, ø 3 x 125 ø 4 x 150, ø 5 x 165 ø 6 x 180, ø 8 x 200
--	-----	--

Flat Chisel & Punch Set

1090PR1

- Flat chisel & punch set

KT NO.	Contents	Each Qty	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

Punch Set

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



► PRN : Tetoron pouch bag



► PR : Nylon pouch bag

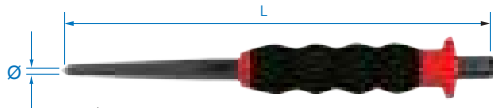


KT NO.	PC.	Contents	Package		
1006PR	6	∅ 2 x 30, ∅ 3 x 40, ∅ 4 x 50, ∅ 5 x 50, ∅ 6 x 50, ∅ 8 x 50	Nylon	0.57	1 / 20
1006PRN	6		Tetoron		
1009PR	9	∅ 2 x 30, ∅ 3 x 40, ∅ 4 x 50, ∅ 5 x 50, ∅ 6 x 50, ∅ 8 x 50, ∅ 10 x 65, ∅ 12 x 70, ∅ 14 x 75	Nylon	1.7	1 / 12
1009PRN	9		Tetoron		
1010PR	10	761	Nylon	0.88	1 / 24
		763			
		764			
		764			

Sheathed Chisel & Pin Punch

- Material - chrome molybdenum alloy steel
- Finishing - phosphate sunk
- Safe and comfortable grip

761-G Sheathed center punch



KT NO.	∅ mm	L mm		
76125-74G	2.5	185	104	12 / 144
76104-74G	4	185	110	12 / 144
76106-74G	6	185	112	12 / 144
76108-74G	8	185	179	12 / 120
76110-74G	10	185	169	12 / 120

762-G Sheathed flat chisel



KT NO.	A mm	L mm		
76218-75G	18	190	180	10 / 100
76219-75G	19	190	180	10 / 100
76220-84G	20	210	269	8 / 80
76222-84G	22	210	271	8 / 80

763-G Sheathed starter punch



KT NO.	∅ mm	L mm		
76302-74G	2	185	104	12 / 144
76303-74G	3	185	105	12 / 144
76304-74G	4	185	107	12 / 144
76305-74G	5	185	112	12 / 144
76306-74G	6	185	115	12 / 144
76308-74G	8	185	162	12 / 120

764-G Sheathed pin punch



KT NO.	∅ mm	L mm		
76402-55G	2	140	50	12 / 384
76403-06G	3	150	54	12 / 384
76404-07G	4	180	94	12 / 144
76405-08G	5	200	108	12 / 144
76406-84G	6	210	157	12 / 120
76407-84G	7	220	165	12 / 120
76408-88G	8	220	175	12 / 96
76409-88G	9	230	184	12 / 96
76410-09G	10	250	259	10 / 80
76412-10G	12	290	340	8 / 64
76414-11G	14	350	443	6 / 48
76416-12G	16	310	593	6 / 36
76410-14G	10	350	363	10 / 60
76412-14G	12	350	470	6 / 36
76414-14G	14	350	518	6 / 36
76416-14G	16	350	664	5 / 30



Sheathed Pin Punch Set



► Pouch material : Tetonon

KT NO.	PC.	Contents		
1014GPN	4	∅ 10 x 350, ∅ 12 x 350, ∅ 14 x 350, ∅ 16 x 350	2.13	1 / 8
1006GPN	6	∅ 2 x 140, ∅ 3 x 150, ∅ 4 x 180, ∅ 5 x 200, ∅ 6 x 210, ∅ 8 x 220	0.80	1 / 8
1009GPN	9	∅ 2 x 140, ∅ 3 x 150, ∅ 4 x 180, ∅ 5 x 200, ∅ 6 x 210, ∅ 8 x 220, ∅ 10 x 230, ∅ 12 x 250, ∅ 14 x 290	1.82	1 / 12

Automatic Center Punch

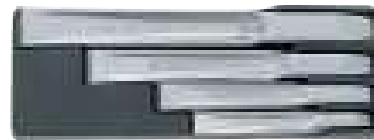
768



- Material : handle - brass, tip - S2
- Spring-loaded trigger design for using without a hammer

KT NO.	∅ mm	L mm		
76804-05	1.3	130	75.0	30 / 120
76807-06	1.7	155	141.7	30 / 120

11104PR10



4 PC.

Contents		
76717-05	1.0	1 / 20
76721-06		
76724-08		
76729-10		

11104PR



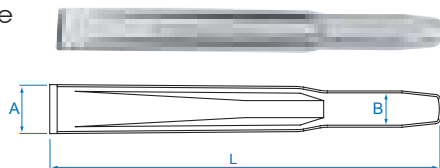
4 PC.

Contents		
76717-05	1.37	1 / 10
76721-06		
76724-08		
76729-10		
87108		

Flat Chisel & Set

767

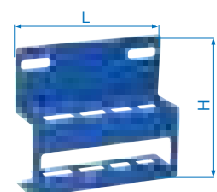
- Ribbed type



KT NO.	A mm	B mm	L mm		
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

87108

- Acrylic display stand



KT NO.	H mm	L mm		
87108	140	160	410	12

Marking Punch



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)



11409SQ

11427SQ



11427SQ

KT NO.	mm	H inch	Contents	Squre mm	L mm		
new 11409SQ02	2.0	5/64"	9 PCS 0~9	6.35 x 6.35	61	0.18	1 / 120
new 11409SQ03	3.0	1/8"		6.35 x 6.35	61	0.18	1 / 120
new 11409SQ04	4.0	5/32"		6.35 x 6.35	59	0.18	1 / 120
11409SQ05	5.0	3/16"		8 x 8	61	0.28	1 / 80
new 11409SQ06	6.0	1/4"		7.93 x 7.93	61	0.43	1 / 60
11409SQ08	8.0	5/16"		12.7 x 12.7	71	0.78	1 / 30
new 11427SQ02	2.0	5/64"	27 PCS A~Z, &	6.35 x 6.35	61	0.52	1 / 50
new 11427SQ03	3.0	1/8"		6.35 x 6.35	61	0.52	1 / 50
new 11427SQ04	4.0	5/32"		6.35 x 6.35	59	0.52	1 / 50
11427SQ05	5.0	3/16"		8 x 8	61	0.82	1 / 30
new 11427SQ06	6.0	1/4"		7.93 x 7.93	61	1.25	1 / 20
11427SQ08	8.0	5/16"		12.7 x 12.7	71	2.33	1 / 10

Heavy Duty Marking Punch

11509SQ

- 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.	mm	H inch	Contents	Squre mm	L mm		
11509SQ05	5.0	3/16"	9 PCS 0~9	11 x 11	61	0.56	1 / 30
11527SQ05	5.0	3/16"	27 PCS A~Z, &	11 x 11	61	1.70	1 / 10



WORKSHOP TOOLS

- Puller
- Riveter & Nut Riveter
- Measuring Tools
- KING TONY Tools for Working at Height
- Bench Vise
- Damaged Screws, Nuts, Bolts Remover Tools
- Snips
- Saw
- File
- Tap Holder
- Threaded Coil-Insert Repair Set
- Tap & Die Set



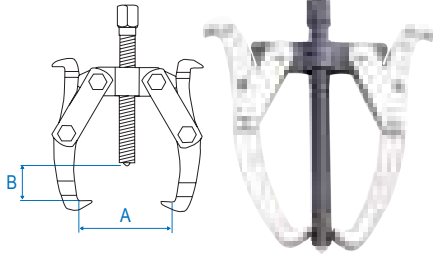


Gear Puller

- Material - chrome vanadium alloy steel
- Finishing - chrome plated & phosphate sunk

7962

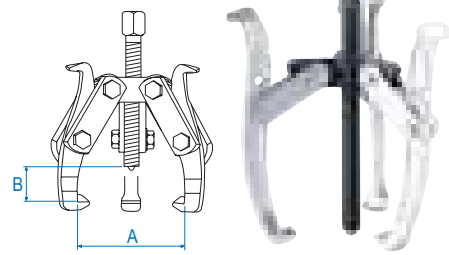
- Two-Jaw gear puller



KT NO.	Capacity (tons)	HEX (mm)	Jaw (leg)	Spread (A)mm	Reach (B)mm	Kg	Box
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

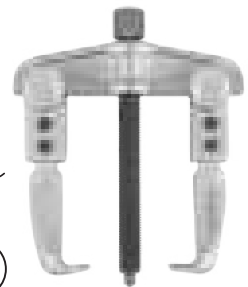
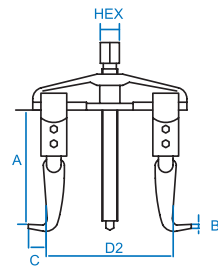
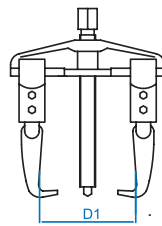
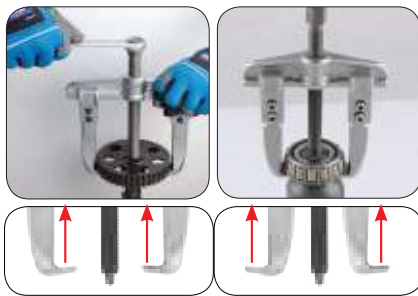
- Three-Jaw gear puller



KT NO.	Capacity (tons)	HEX (mm)	Jaw (leg)	Spread (A)mm	Reach (B)mm	Kg	Box
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	Box
7962B-35	2.0	17	2	100	3.8	14.5	90	60~125	21	1.05	1/12
7962B-05	3.0	17	2	100	3.8	14.5	130	60~160	21	1.15	1/12
7962B-06	3.0	22	2	150	4.6	23.0	150	85~200	30	2.98	1/6
7962B-08	5.0	22	2	150	4.6	23.0	190	105~230	30	3.41	1/6
7962B-10	5.0	27	2	210	7.0	30.0	240	130~300	35	7.11	1/3

Two Sets Pressure Screw Bearing Separator Puller Set

9BA21

- 2 Sets bearing separator & bolts
- Contents:

(1) Bearing Separator
9BA21P02
Capacity 30mm ~ 50mm
Bolt 3/8" x 24UNF x L125mm

(2) Bearing Separator
9BA21P01
Capacity 50mm ~ 75mm
Bolt 1/2" x 20UNF x L 135mm

(3) 4 PC. Main rod
9BA21P04
Hex bar 14mm 3/8" x L 102mm x 2 pcs
9BA21P06
Hex bar 17mm 1/2" x L 127mm x 2 pcs

(4) 4 PC. Extension rod
9BA21P05
Hex bar 14mm 3/8" x L 102mm x 2 pcs

9BA21P07
Hex bar 17mm 1/2" x L 127mm x 2 pcs

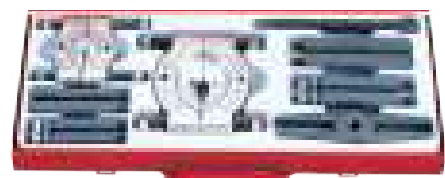
(5) 1 PC. Beam
Central Bolt

(6) 9BA21P011
Hex 18mm x 9/16" x L175mm

Kg 5.25 Box 1 / 2



12 PC.



Pressure Screw Bearing Separator Puller Set

9BA22

- Includes bearing separator & bolts

Contents:

(1) Bearing Separator

9BA22P01

Capacity 75mm ~ 105mm
Bolt 5/8" x 18UNF x L 165mm

(2) 2 PC. Main rod

9BA22P02

Hex bar 19mm x M12 & 1/2" x L 255mm

(3) 2 PC. Extension rod

9BA22P04

Hex bar 19mm x M12 x L 255mm

(4) 1 PC. Beam

(5) 1 PC. Central bolt

9BA22P011

Hex 21mm x M18 x L292 mm

(6) 1 PC. Nut

8.95   1 / 2

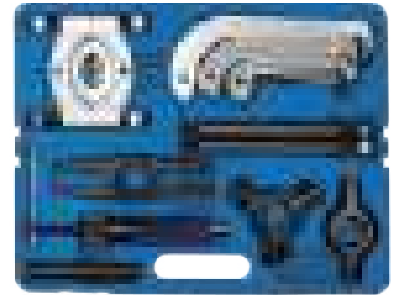


8 PC.

Hydraulic Puller Set

9BA01

- Includes forged steel bearing separator and gear puller
- Operate up to 10 ton hydraulic pulling power
- Special separator design of the strong back puller allows the puller to be used even in the tightest spaces
- Suitable for industry, automotive and a gricultural machine



1 Set Separator Capacity 75mm ~ 105mm

1 PC. Beam

1 PC. 10T Hydraulic Ram

1 PC. Tripe Head

1 PC. Twin Head

1 PC. Ram Part

1 PC. Centre Adapter

1 PC. 1"x 2" Extension Rod

1 PC. 1"x 4" Extension Rod

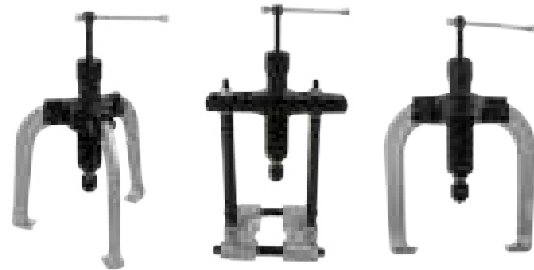
2 PC. Main Rod Hex bar 19mm x M12 & 1/2" x L255mm

2 PC. Extension Rod Hex bar 19mm x M12 x L255mm

3 PC. 4" Leg

3 PC. 6" Leg

3 PC. 8" Leg

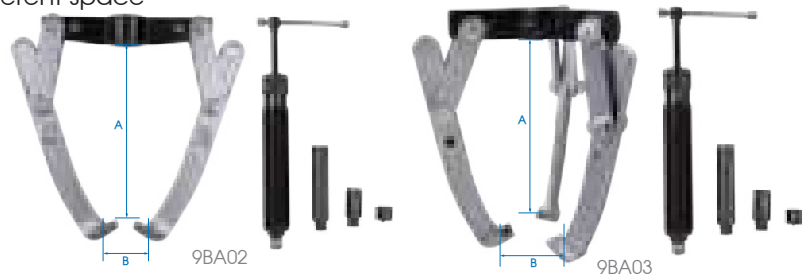




17   1 / 1

Hydraulic Mechanical Pullers

9BA

- Quick and safe removal particularly large and tight gears, bearings, etc...
- Two and three jaws type, use for different space



KT NO.	Capacity (Tons)	Jaws (leg)	Spread A(mm)	Reach B(mm)		
9BA02	15T	2	320	500	11.3	1 / 1
9BA03	15T	3	320	500	16.5	1 / 1



Universal Bearing Puller Set



9BA31

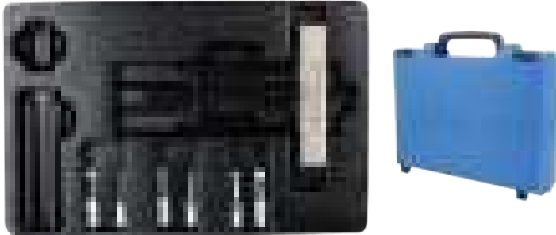
- Easy and fast removing ball bearing by using the puller
- Select proper tips by ball diameter

CONTENTS :

- 1 PC. Puller yoke and center screw
- 1 PC. Top Nut
- 2 PC. Extension rod x L 105mm
Ball ended threaded adapter
- 2 PC. 5.5mm / 2 PC. 6.0mm / 2 PC. 8.0mm

1.33 1 / 12

10
PC.



9BA32

- Easy and fast removing ball bearing by using the puller
- Select proper tips by ball diameter

CONTENTS :

- 1 PC. Puller yoke and center screw
- 1 PC. Top Nut
- 2 PC. Extension rod x L 100mm
Ball ended threaded adapter
- 2 PC. 11.0mm / 2 PC. 12.5mm / 2 PC. 15.0mm

2.0 1 / 12

10
PC.



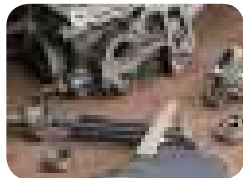
9BA33

- Easy and fast removing ball bearing by using the puller
- Select proper tips by ball diameter

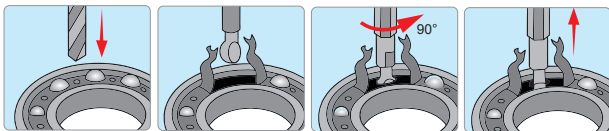
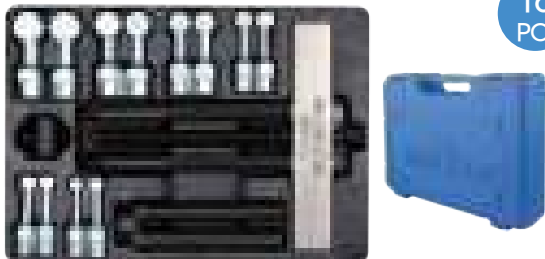
CONTENTS :

- 1 PC. Puller yoke and center screw
- 1 PC. Top Nut
- 2 PC. Extension rod x L 170mm
Ball ended threaded adapter :
- 2 PC. 15.0mm / 2 PC. 17.4mm
- 2 PC. 20.0mm / 2 PC. 25.2mm
- 2 PC. 30.0mm / 2 PC. 36.4mm

8.0 1 / 3



16
PC.



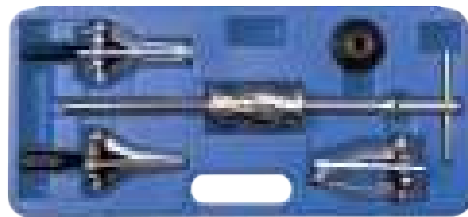
796401MR

Slide Hammer Puller Set

- For jobs involving pull and grip gears, bearings, outer races, grease retainers, oil seals, etc.
- 2.6 lbs(1.2 kgs) slide hammer
- 400 mm length T-handle puller
- 3-in-1 hammer puller, to handle inside pull such as bearing cups and outer races, as well as regular outside pull jobs

4.5 1 / 4

6
PC.



CONTENTS:

- 1 PC. 400 mm T handle shaft
- 1 PC. 2.6 lbs / 1.2 kgs hammer
- 1 PC. Adjustable nut
- 1SET Internal gear puller for Ø15-30mm(A)
- 1SET Internal gear puller for Ø30-80mm(B)
- 1SET External gear puller for Ø15-80mm(C)

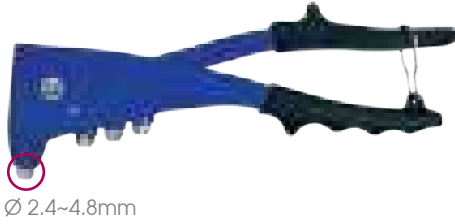
Items	D (mm)	Capacity
Internal gear puller	6	Ø 15-30mm
Internal gear puller	10.5	Ø 30-80mm
External gear puller	10.5	Ø 15-80mm



Riveter & Set

21-20-101

- Stainless steel riveter nozzles
- Drop-forged aluminum body



Ø 2.4~4.8mm

KT NO.	L		Capacity		kg	Crate/Box
	inch	mm	inch	mm		
21-20-101	10-1/4	260	3 / 32	Ø 2.4	588	12 / 24
			1 / 8	Ø 3.2		
			5 / 32	Ø 4.0		
			3 / 16	Ø 4.8		

21-20-102

- 4 changeable sizes
- Stainless steel riveter
- The driver can be used in 90° and 180°



KT NO.	L		Capacity		kg	Crate/Box
	inch	mm	inch	mm		
21-20-102	11	278	3 / 32	Ø 2.4	778	6 / 24
			1 / 8	Ø 3.2		
			5 / 32	Ø 4.0		
			3 / 16	Ø 4.8		

21-20-07MR

Blow case size (mm) :
276 x 160 x 46(0.122 cuft)

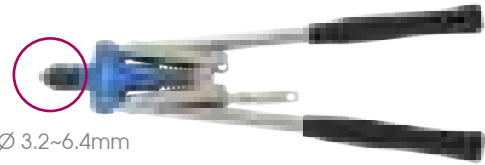


Contents	kg	1.06	Crate/Box	1 / 16	Each Q'ty
4 x 8 mm	4 x 10 mm				20
4 x 8 mm	4 x 10 mm				
4.8 x 8 mm	4.8 x 10 mm				
21-20-101					1

Riveter

79711

- Stainless steel riveter nozzles
- Drop-forged aluminum body
- Heavy duty riveter for stainless or aluminum rivets



Ø 3.2~6.4mm

KT NO.	L		Capacity		kg	Crate/Box
	inch	mm	inch	mm		
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		

Expander Riveter

79721

- Expander framework design to press riveter
- 4 PC. Interchangeable nozzles
- Heavy duty riveter for stainless or aluminum rivets



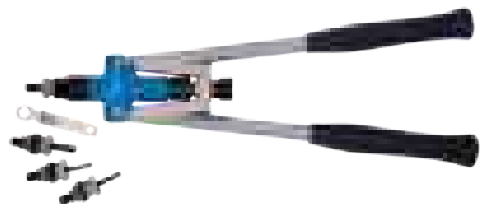
3.2mm (1/8")	2.4mm
4.0mm (5/32")	2.8mm
4.8mm (3/16")	3.2mm
6.4mm (1/4")	4.1mm

KT NO.	L				kg	Crate/Box
	(min)	(max)	(min)	(max)		
79721	315	870	12-1/2	34-1/4	2.00	1 / 10

Nut Riveter

79731 new

- Stainless steel nut riveter nozzles
- Drop-forged aluminum body
- Heavy duty riveter for stainless or aluminum rivet nuts



KT NO.	Metric size	kg	Crate/Box
79731	M5, M6, M8, M10	1.86	1 / 12



Blind Nut Riveter

21-30-09MR

- Designed for fastening object to thin metal
- 4 PC. interchangeable mandrels (M4, M5, M6, M8)
- 80 PC. iron nut rivet

CONTENTS:

85
PC.



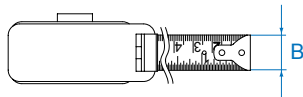
M4 x 0.7 x 20 PC.	M4 x 0.7
M5 x 0.8 x 20 PC.	M5 x 0.8
M6 x 1.0 x 20 PC.	M6 x 1.0
M8x 1.25 x 20 PC.	M8x 1.25

KT NO.	inch	L mm	kg	PC.
21-30-09MR	10-1/2	265	1.32	1 / 12

Measuring Tape

- Auto-Lock measuring tape
- Two retrieval buttons
- Nylon coating 3-rivet blade
- Ergonomic & shockproof ABS+TPE case
- Specially red marked each 10cm scale
- EU Class II accuracy standard approval

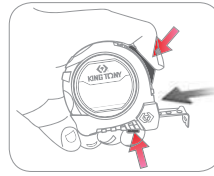
79093



KT NO.	L M / FT	B mm	kg	PC.
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	kg	PC.
79094-02M	2M	16	110	16 / 64
79094-03M	3M	16	137	16 / 64
79094-05M	5M	19	210	14 / 56
79094-08M	8M	25	420	12 / 48
79094-03C	3M/10FT	16	137	16 / 64
79094-05C	5M/16FT	19	210	15 / 60
79094-05C1	5M/16FT	25	260	12 / 48
79094-08C	8M/26FT	25	420	12 / 48

Paper Display Stand for Measuring Tape

87118

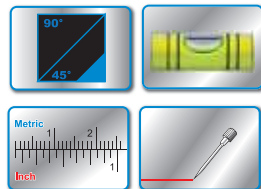
- Capacity: 12 PC.
- For all measuring tape (79093 / 79094 <02M,03M,05M>series)
- Paper display stand size(mm): 309 x 237 x 189 (0.489 CUFT)



Measuring

79062

- Adjustable square measuring with angle spirit level 305mm
- Sliding combination of square, spirit level, height gauge and steel rule
- 90° and 45° level allow try-square and metre-square work
- Metal scriber pin in the end
- Metric and imperial marking at both sides
- Precision cast zinc alloy and stainless blade
- For woodwork

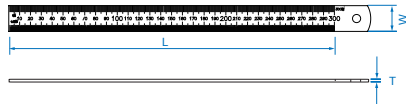


KT NO.	mm	L inch	kg	PC.
79062-12	305	12	312	12 / 72

Stainless Ruler

79063

- Stainless steel deeply etched for easy reading
- Dual scale: metric & imperial marking (mm/inch)

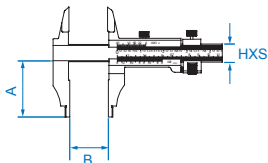
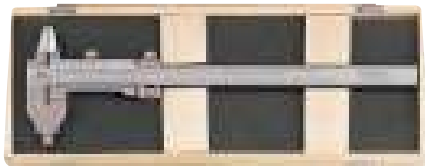


KT NO.	L		W mm	T mm	Scales	Pkg
	mm	inch				
79063-06	150	6	14.7	0.6	12	100 / 1500
79063-12	300	12	23.7	1.0	65	20 / 400
79063-20	500	20	28.5	1.2	145	10 / 160
79063-40	1000	40	35.0	1.2	360	10 / 80

Calipers

77121

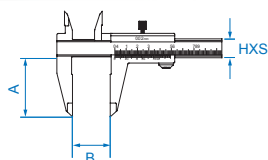
- Vernier calipers with fine adjustment and nib jaws
- Inside and outside measurement can be read directly from jaw
- Dual scale: metric & imperial marking (mm/inch)
- The calipers made of hardened stainless steel



KT NO.	A mm	B max		Vernier		H x S mm	Scales	Pkg
		mm	inch	mm	inch			
77121-08	60	200	8	0.02	0.001	20 x 4	860	1 / 10

77131

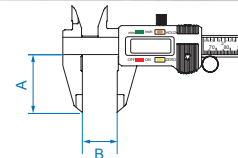
- Vernier calipers parallax free
- Parallax free bevel scales for easy and accurate measurement
- 4 way measurement capability for outside, inside, depth and step measurements
- The calipers made of hardened stainless steel



KT NO.	A mm	B max mm	Vernier mm	H x S mm	Scales	Pkg
77131-08	50	200	0.02	20 x 4	450	1 / 50

77141

- Digital calipers
- Digital display slide calipers with thumb roller
- Large clear LCD on/off, metric/imperial, zero switches
- Hold function allows quick and efficient inspection record
- Made of hardened stainless steel



KT NO.	A mm	B max		Resolution		Scales	Pkg
		mm	inch	mm	inch		
77141-06	40	150	6	0.01	0.001	320	1 / 20
77141-08	50	200	8	0.01	0.001	485	1 / 50

Metric Feeler Gauge

- Material: blade made of spring steel

77340-20

- 20 blades metric feeler gauge

CONTENTS:

- 0.05, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00 mm



KT NO.	Number of blades	Width x Length of blades (mm)	Scales	Pkg
77340-20	20	10 x 100	105	50 / 200

77335-25

- 25 blades metric feeler gauge

CONTENTS:

- 0.04, 0.05, 0.06, 0.07, 0.08, 0.09, 0.10, 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.65, 0.70, 0.75, 0.80, 0.85, 0.90, 0.95, 1.00 mm



KT NO.	Number of blades	Width x Length of blades (mm)	Scales	Pkg
77335-25	25	13 x 85	105	50 / 200



Metric Feeler Gauge

- Material: blade made of spring steel

77328-26

- 26 blades inch feeler gauge

CONTENTS:

- 0.0015", 0.002", 0.0025", 0.003",
- 0.004", 0.005", 0.006", 0.007",
- 0.008", 0.009", 0.010", 0.011",
- 0.012", 0.013", 0.014", 0.015", 0.016", 0.017", 0.018", 0.019",
- 0.020", 0.021", 0.022", 0.023", 0.024", 0.025"
- 0.038, 0.051, 0.063, 0.076, 0.102, 0.127, 0.152, 0.178, 0.203,
- 0.229, 0.254, 0.279, 0.305, 0.330, 0.356, 0.381, 0.406, 0.432,
- 0.457, 0.483, 0.508, 0.533, 0.559, 0.584, 0.610, 0.635 mm



KT NO.	Number of blades	Width x Length of blades (mm)		
77328-26	26	12.7 x 76	91	14 / 168

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

79A21-30

79A22-30

- Retractable tool lanyard
- 3 kgs maximum tool weight
- Nylon tether with steel spring inside to absorb the shock of a dropped tool
- Increases safety and productivity
- Ergonomically designed length



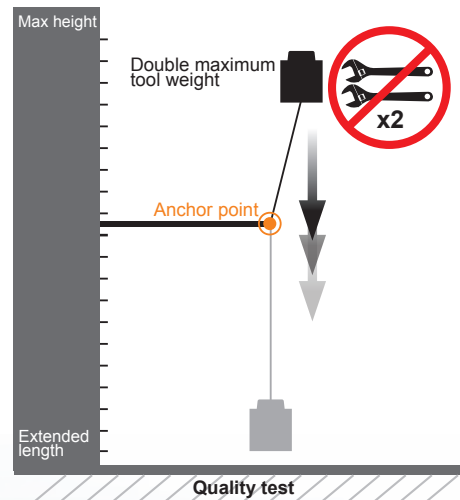
79A21-30



79A22-30



KT NO.	Capacity mm	Hook		
79A21-30	800~1300	2 lock snaps	106	12 / 144
79A22-30	800~1300	fixed loop	89	12 / 144



- The retractable tool lanyards are developed according to KING TONY standard. The steel lanyards are tested by double maximum weight and dropped from height. Product quality is approved.

Round Magnetic Tool Holder



9TE11

- Stainless steel tray resists corrosion
- Can be used horizontally, vertically, and upside down
- Convenient for collecting small parts and tools



KT NO.	Size mm		
9TE11	Ø 150	433.0	1 / 30

PU Working Gloves



9TH31-XL 9TH31-2L

- Strap design for easy adjustments
- Comfortable and breathable fabric material



KT NO.	Size	Width mm	Overall Length mm		
9TH31-XL	XL	107	235	70	100
9TH31-2L	2L	112	240	70	100

Anti-vibration Protective Gloves

9TH21XL

- Protection from repetitive impact and vibration of pneumatic tools
- Magnet in back of glove for storing metal parts and fasteners

110 100

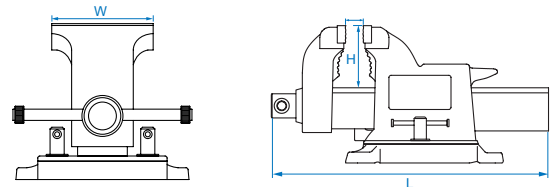


KT NO.	Size	Width mm	Overall Length mm		
9TH21XL	XL	112	235	110	100

360° Cast Steel Bench Vise & Display Rack

9TZ11

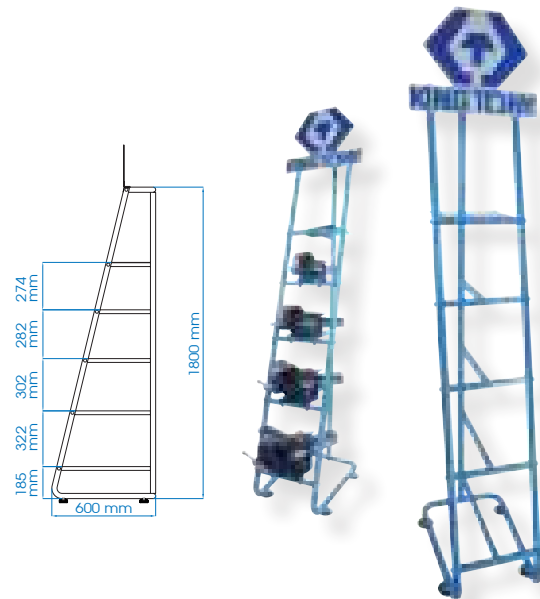
- Cast steel body and slide ideal for heavy duty applications
- Ductile cast iron screw pitched acme thread ensures long life and positives action
- Serrated jaws design provides good grip
- 360° swivel base allows operator to approach any direction



KT NO.		W mm	H mm	L mm		
9TZ11-04	146	4"	104	57	310	7.50 1 / 1
9TZ11-05	166	5"	130	67	365	11.0 1 / 1
9TZ11-06	200	6"	155	76	422	14.5 1 / 1
9TZ11-08	225	8"	200	89	492	18.0 1 / 1
9TZ11-10	250	10"	250	102	572	25.6 1 / 1

87160

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



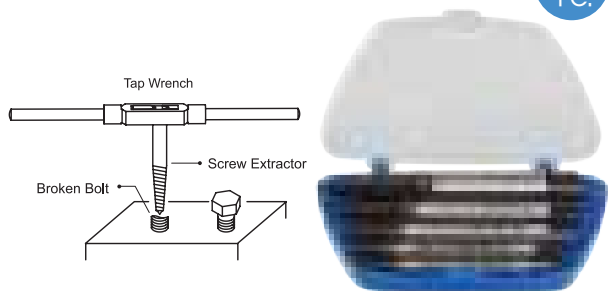
Screw Extractor Set

11205SQ

- A quick and easy way to remove broken screw, pipe, bolt and stud

100 25 / 100

5 PC.



KT NO.	Capacity		L mm
	mm	inch	
2127-06M	M3~M6	1/8~1/4	51.5
2127-08M	M6~M8	1/4~5/16	58.0
2127-11M	M8~M11	5/16~7/16	66.0
2127-14M	M11~M14	7/16~9/16	73.5
2127-18M	M14~M18	9/16~3/4	81.0

11208SQ

- Quick and easy to remove broken screw, pipe, bolt and stud

829 6 / 24

8 PC.



KT NO.	Capacity		L mm
	mm	inch	
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

9TD064

Blow case size (mm) :
260 x 175 x 60 (0.096CUFT)

1.89 1 / 12

KT NO.	inch	Capacity		Hex (mm)
		mm	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	

Screw Extractor & Drill Set

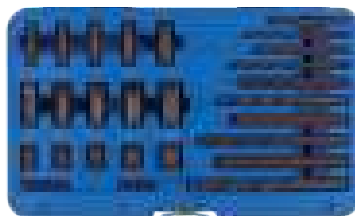
11225SQ

- Easy to remove 5~14 mm broken screws
- 15 PC. HSS drill bit & center guide
- 10 PC. extractor pin & nut

0.79 1 / 20

25 PC.

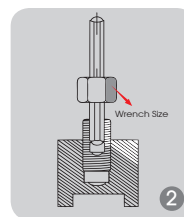
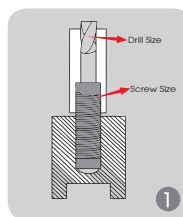
Blow case size (mm) :
260 x 175 x 60 (0.096CUFT)



- Use the guide to drill a pilot hole in the center of broken screw



- Put on extractor nut turning out broken screw with wrench



Nut Splitter Set

9TD062

- For removing stubborn nuts or over tightened bolts without damaging the bolt thread
- Suitable for nuts to a tensile class 6
- Do not overtighten to prevent damage to the threads under the nut

0.61 12 / 36

2 PC.



KT NO.	inch	Capacity		Hex (mm)
		mm	mm	
9TD602	1/2"~5/8"	12~16	14	
9TD603	5/8"~7/8"	16~22	19	

4 PC.

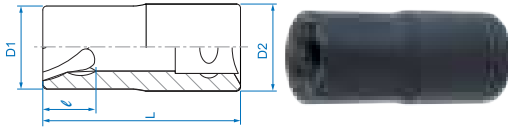


1/2" DR. Damaged Nuts Remover Socket & Set

9TD403

1/2"

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



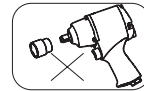
KT NO.	D1 mm	D2 mm	l mm	L mm		
9TD403-10M	16.0	22	8	50	70	10 / 180
9TD403-12M	18.0	22	11	50	77	10 / 180
9TD403-13M	20.0	22	11	50	84	10 / 180
9TD403-14M	21.0	22	11	50	85	10 / 180
9TD403-17M	24.5	25	15	50	117	10 / 180
9TD403-19M	27.0	27	15	50	135	8 / 80
9TD403-21M	29.4	27	16	50	138	8 / 80
9TD403-22M	30.5	27	17	50	140	8 / 80
9TD403-23M	31.8	27	17	50	136	8 / 80
new 9TD403-24M	33.0	27	17	50	140	8 / 80
9TD403-27M	36.0	27	18	50	146	8 / 128

9TD

1/2"



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



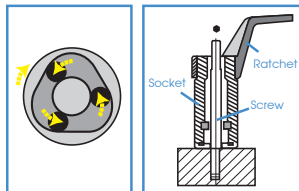
Can't be used with pneumatic wrench

Roller Stud Extractor Socket & Set

9TD401

1/2"

- For tightening or loosening studs



KT NO.		D1 mm	D2 mm	L mm		
9TD401-06M	6	24.5	21	60	150.0	10 / 180
9TD401-08M	8	24.5	21	60	150.0	10 / 180
9TD401-10M	10	27.5	21	69.5	190.0	12 / 120
9TD401-12M	12	27.5	21	69.5	190.0	12 / 120

9TD014MR

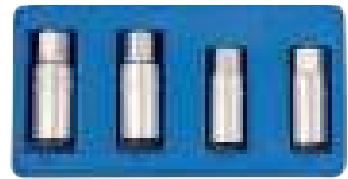
1/2"

- 4 stud drivers for sizes M6, M8, M10 and M12

1.10 1 / 25

Blow case size (mm) :
210 x 111 x 49 (0.04CUFT)

4
PC.



Aviation Tin Snips

74010~74060

- Special drop forged CRMO with induction hardened edges 62HRC
- Blades with serrated edges fast cuts in sheet metal, aluminum, and much more
- Cut 1.2mm cold-rolled steel (18GA) low carbon steel
- Non-slip color code grips for superior control
- 74040 Notching bulldog style with higher cutting ability
- 74060 Extra-long compound action style compare to tin snips
 - Special laborsaving design
 - High tensile strength
 - High torsional strength spring
 - Solid and comfortable handle with non-slip design
 - Hang-up hole for convenient storage
 - Safety auto latch (D.PAT.)



74010



74020



74030



74040



74060

KT NO.	Overall length mm	Cutting length mm	Color of handle	Copper (soft)	Cutting capacities (mm)			Stainless steel304	Scales	Boxes
					Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)				
74010	248	35	Red	1.50	1.20	0.80	0.70	375	6 / 48	
74020	248	35	Green	1.50	1.20	0.80	0.70	375	6 / 48	
74030	250	38	Yellow	1.50	1.20	0.80	0.70	380	6 / 48	
74040	230	25	Yellow	2.00	1.60	1.20	1.20	370	6 / 36	
74060	290	75	Orange	1.10	0.94	0.70	0.53	450	6 / 36	

Figure Tin Snips

74250~74270

- Special drop forged CRMO with induction hardened edges 63HRC
- Blades with serrated edges fast cuts in sheet metal, aluminum, and much more
- Cut 1.5mm cold-rolled steel (16GA) low carbon steel
- Non-slip color code grips for superior control
 - Special laborsaving design
 - High tensile strength provided
 - High torsional strength spring designed
 - Solid and comfortable handle with non-slip design
 - Hang-up hole for convenient storage
 - Safety auto latch (D.PAT.)



74250



74260



74270

KT NO.	Overall length mm	Cutting length mm	Color of handle	Copper (soft)	Cutting capacities (mm)			Stainless steel304	Scales	Boxes
					Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)				
74250	260	35	Red	1.80	1.50	1.00	0.90	480	6 / 36	
74260	260	35	Blue	1.80	1.50	1.00	0.90	480	6 / 36	
74270	260	35	Yellow	1.80	1.50	1.00	0.90	480	6 / 36	

Straight Pattern Snips

74410~74416

- Drop forged of finest quality steel induction hardened edges 60HRC
- Cuts straight flat face guides tool along straight line
- Blades individually hand edged for maximum cutting efficiency
- Cushion handle for comfort and better grip



74410 ~ 74416

KT NO.	Overall length mm	Cutting length mm	Copper (soft)	Cutting capacities (mm)			Stainless steel304	Scales	Boxes
				Cold-rolled Steel (soft)	Hard steel HRC 30 (Hard)				
74410	254	51	0.94	0.78	0.60	0.45	480	6 / 36	
74412	305	70	1.15	0.91	0.70	0.63	650	6 / 24	
74414	356	76	1.41	1.20	1.00	0.70	780	6 / 24	
74416	415	63	2.00	1.60	1.20	1.00	1700	3 / 12	

Curved Tin Snips

74512

74514

- Drop forged of finest quality steel induction hardened edges 60HRC
- Double curved, hollow ground blades reduce friction for easier cutting
- British Gilbow type
- Cushion handle for comfort and better grip



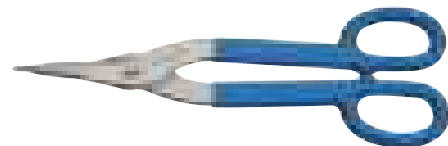
74512 / 74514

KT NO.	Overall length mm	Cutting length mm	Copper (soft)	Cutting capacities (mm)			Stainless steel304	Scales	Boxes
				Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)				
74512	305	60	1.15	0.91	0.70	0.63	670	6 / 24	
74514	356	65	1.40	1.20	100	0.70	920	6 / 24	

Duckbill Pattern Snips

74613

- Drop forged of finest quality steel induction hardened edges 60HRC
- Cuts moderately tight curves left, right or straight in light stock
- Blades individually hand edged for maximum cutting efficiency
- Cushion handle for comfort and better grip



KT NO.	Overall length mm	Cutting length mm	Copper (soft)	Cutting capacities (mm)			Stainless steel304	Scales	Boxes
				Cold-rolled steel (soft)	Hard steel HRC 30 (Hard)				
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	Scales	Boxes
7911-12	305	400	628	6 / 36



Saw

7921-12

- Sliding metal bow
- Handle material : ABS+TPR
- Lightweight & anti-slippery
- Four blade positions 45°, 90°, 135°, 180° including flush cut
- Spare blades can be stored

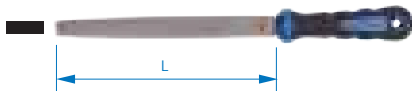


KT NO.	Adjustable blade length (mm)	Overall length mm		
7921-12	300	510	555	12 / 24

File

7510G

- Flat file



KT NO.	Size mm		L mm				
75101-08G	8	Bastard cut	200	4.8	20.0	190	2 / 40
75101-10G	10	Bastard cut	250	5.7	23.6	292	2 / 40
75102-08G	8	Second cut	200	4.8	20.0	190	2 / 40
75102-10G	10	Second cut	250	5.7	23.6	288	2 / 40

7520G

- Half round file



KT NO.	Size mm		L mm				
75201-08G	8	Bastard cut	200	6.7	19.9	190	2 / 40
75201-10G	10	Bastard cut	250	7.0	23.5	292	2 / 40
75202-08G	8	Second cut	200	6.7	19.9	190	2 / 40
75202-10G	10	Second cut	250	7.0	23.5	288	2 / 40

7530G

- Round file



KT NO.	Size mm		L mm			
75302-08G	8	Second cut	200	7.2	122	2 / 40
75302-10G	10	Second cut	250	9.2	185	2 / 40

7540G

- Triangle file



KT NO.	Size mm		L mm			
75402-08G	8	Second cut	200	13.0	183	2 / 40
75402-10G	10	Second cut	250	14.9	254	2 / 40

7550G

- Square file



KT NO.	Size mm		L mm			
75501-08G	8	Bastard cut	200	7.5	130	2 / 40
75501-10G	10	Bastard cut	250	9.5	210	2 / 40
75502-08G	8	Second cut	200	7.5	132	2 / 40
75502-10G	10	Second cut	250	9.5	218	2 / 40

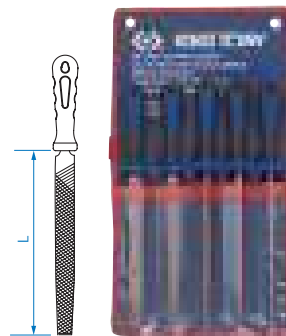
File Set

- Pouch material : Nylon

1005GQ

1015GQ

- Available with T2 cut for precision work



1005GQ / 1015GQ

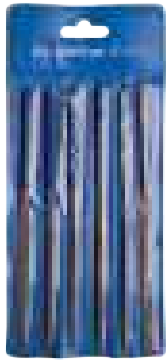
KT NO.	Contents	L inch		
1005GQ (for 8")	75102-08G	8"	0.9	1 / 20
	75202-08G			
	75302-08G			
1015GQ (for 10")	75102-10G	10"	1.4	1 / 8
	75202-10G			
	75302-10G			

Needle Files Set

• Pouch material : Nylon

1036ZQ

- Available with GCR15 cut for precision work



Contents

L
mm



75135-06	75435-06			
75235-06	75535-06	160	95	10 / 120
75335-06	75035-06			

Tapered Reamer

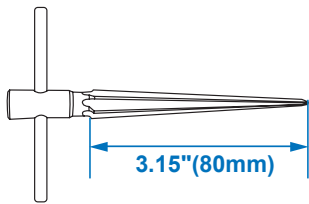
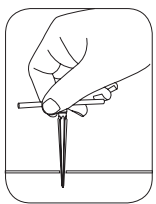
7E61001

new

- For deburring and sizing the diameter of holes 1/8" to 3/8"
- Suitable for metal, wood or plastic



70 24 / 96



Adjustable Tap Wrench

39110312M

new



KT NO.

Size
inch mm

L
mm



39110312M	1/16-1/2	3-12	196	128	1 / 100
-----------	----------	------	-----	-----	---------

Professional Threaded Coil-Insert Repair Set

11311MQ

119
PC.

- Thread tap for most common metric size : M5, M6, M8 and M10
- Used for repairing and restoring damaged threads
- Suitable for machine, engine and other automotive repair applications



Metal case size (mm) : 350 x 216 x 40

Contents



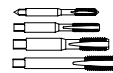
2.78



1 / 5



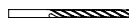
Screw-Coil:		
M5x0.8x1.5D(L:7.5mm)		25 PC.
M6x1.0x1.5D(L:9mm)		25 PC.
M8x1.25x1.5D(L:12mm)		25 PC.
M10x1.5x1.5D(L:15mm)		25 PC.



Tap:		
M5x0.8		1 PC.
M6x1.0		1 PC.
M8x1.25		1 PC.
M10x1.5		1 PC.



Tang Puncher:		
M5x0.8		1 PC.
M6x1.0		1 PC.
M8x1.25		1 PC.
M10x1.5		1 PC.



Drill:		
5.2mm		1 PC.
6.3mm		1 PC.
8.3mm		1 PC.
10.4mm		1 PC.



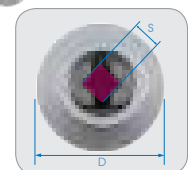
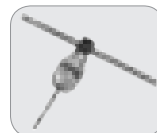
Main Tool:		
M5x0.8		1 PC.
M6x1.0		1 PC.
M8x1.25		1 PC.
M10x1.5		1 PC.

3571-08	3/8" drive sliding T-handle
3760-05G	3/8" drive mini reversible ratchet
39123012M	3/8" tap holder

Tap Holder

3912M

- Used with reversible ratchet and T-handle
- Chuck mechanism hold compatible tap drills
- Used for metal working screw thread



KT NO.

Drive

D
mm

S(mm)
min. max.



39123010M	3/8	34.5	2.0	6.0	221	4 / 80
39123012M	3/8	34.5	4.0	9.0	221	4 / 64
39124012M	1/2	38.5	6.0	12.0	259	4 / 64



Tap & Die Set

12916MQ1

- Material: SK5 alloy steel
- 1 PC. Tap wrench(M3-M12, 1/8"~1/2")
- 1 PC. Die stock 25mm(1")
- Tap: M3~M12
- Die: M3~M12

16
PC.



Contents		Kg 0.78	1 / 20
12939MQ-A	M3x0.5, M4x0.7, M5x0.8, M6x1.0, M8x1.25, M10x1.5, M12x1.75	12939MQ-A01	25mm (1")
12939MQ-A		12939MQ-A02	M3~M12 (1/8"~1/2")

12939MQ1

- Material: SK5 alloy steel
- 1 PC. Tap wrench(M3-M12, 1/8"~1/2")
- 1 PC. "T" Type tap wrench(M3-M6, 1/8"~1/4")
- 1 PC. Die stock 25mm(1")
- 1 PC. Screw driver
- 12939MQ1-
1 PC. Screw pitch gauge (0.5-28)
Tap: M3~M12 / Die: M3~M12
- 12939SQ1-
1 PC. Screw pitch gauge(12-40)
Tap: 1/8"~1/2" / Die: 1/8"~1/2"

39
PC.



KT NO.	Contents	Kg 1.4	1 / 10
12939MQ1	12939MQ-A	12939MQ-A06 / M3x0.5, 12939MQ-A07 / M3x0.6, 12939MQ-A08 / M4x0.7, 12939MQ-A09 / M4x0.75, 12939MQ-A10 / M5x0.8, 12939MQ-A11 / M5x0.9, 12939MQ-A12 / M6x0.75, 12939MQ-A13 / M6x1.0, 12939MQ-A14 / M7x0.75, 12939MQ-A15 / M7x1.0, 12939MQ-A16 / M8x1.0, 12939MQ-A17 / M8x1.25, 12939MQ-A18 / M10x1.25, 12939MQ-A19 / M10x1.5, 12939MQ-A20 / M12x1.5, 12939MQ-A21 / M12x1.75, 12939MQ-A22 / 1/8NPT27	12939MQ-A01 25mm (1")
	12939MQ-A	12939MQ-A23 / M3x0.5, 12939MQ-A24 / M3x0.6, 12939MQ-A25 / M4x0.7, 12939MQ-A26 / M4x0.75, 12939MQ-A27 / M5x0.8, 12939MQ-A28 / M5x0.9, 12939MQ-A29 / M6x0.75, 12939MQ-A30 / M6x1.0, 12939MQ-A31 / M7x0.75, 12939MQ-A32 / M7x1.0, 12939MQ-A33 / M8x1.0, 12939MQ-A34 / M8x1.25, 12939MQ-A35 / M10x1.25, 12939MQ-A36 / M10x1.5, 12939MQ-A37 / M12x1.5, 12939MQ-A38 / M12x1.75, 12939MQ-A39 / 1/8NPT27	12939MQ-A02 M3~M12 (1/8"~1/2")
	12939MQ-A03	0.5, 0.6, 0.7, 0.75, 0.8, 0.9, 1.0, 1.25, 1.5, 1.75, 27, 28	12939MQ-A04 M3~M6 (1/8"~1/4")
12939SQ1	12939SQ-A	4NS36, 6NC32, 8NC32, 10NC24, 10NF32, 12NC24, 1/4NC20, 1/4NF28, 5/16NC18, 5/16NF24, 3/8NC16, 3/8NF24, 7/16NC14, 7/16NF20, 1/2NC13, 1/2NF20, 1/8NPT27	12939MQ-A05
	12939SQ-A		
	12939SQ-A03	12, 13, 14, 16, 18, 20, 24, 27, 28, 32, 36, 40	

Notes



A series of horizontal dashed lines for writing notes, spanning the width of the page.

Lighting

- Working Lamp
- Inspection Lamp
- Flexible Lamp
- Adjustable Lamp
- Floodlight
- Headlight
- Pocket Torch
- Pen Light

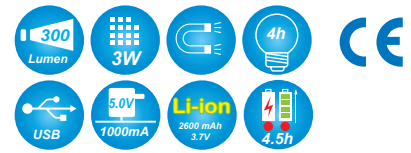




3W COB + 5 LED Lamp

9TA27

- 3W COB + 5 LEDs (top)
- Brightness : 300 Lumen (lm), white light color, kelvin : 7200K
- Materials : ABS+PS
- 180° magnetic swivel base + 360° functional hook
- Rechargeable battery : 3.7V - 2600mAh Li-ion
- Accessory : USB charging cable
- 4 hours continuous light, charge times : 4.5 hours



Contents

3W COB + 5 LED rechargeable work lamp		x 1 PC.
AC charger		x 1 PC.
USB CABLE		x 1 PC.



Battery status indicator light



USB charger port



180° swivel base



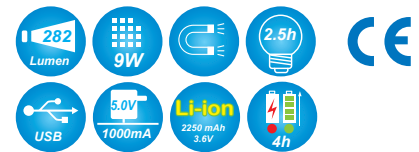
Top light with 5 LED



3 + 1 LED Work Lamp with Magnetic Swivel Base

9TA24

- High power LEDs: 9 W (main) + 3 W (top)
- Brightness: 282 Lumen(lm)
- 60° magnetic swivel base + 360° functional hook
- IP65 shockproof housing + waterproof coating
- Rechargeable battery: 3.6V – 2250mAh Li-ion
- AC 100~240V 50/60Hz EU battery charger



Contents

3+1 LED rechargeable work lamp		x 1 PC.
AC charger		x 1 PC.
USB CABLE		x 1 PC.



60° Magnetic swivel base



Main light with unbreakable lens + 3 powerful LEDs



Top light with 1 powerful LED



Battery status indicator light

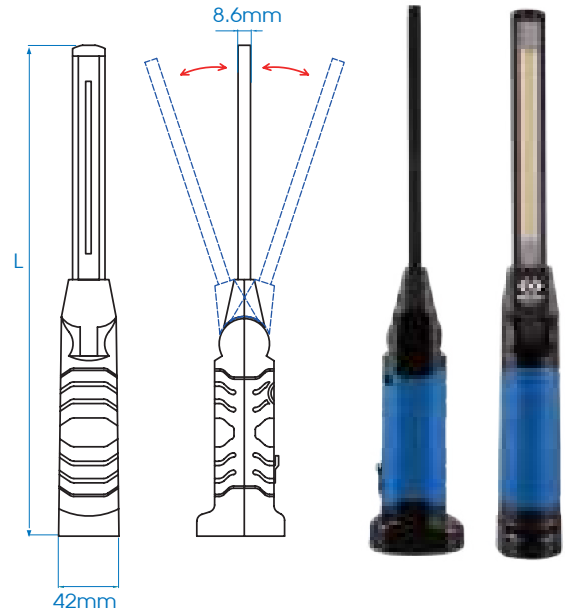
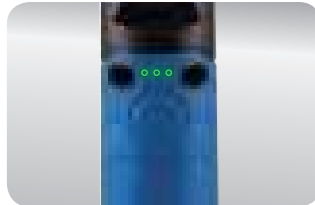
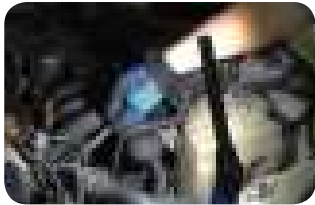
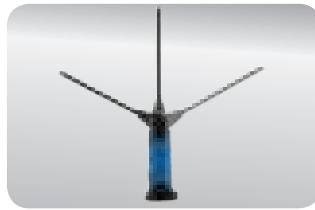
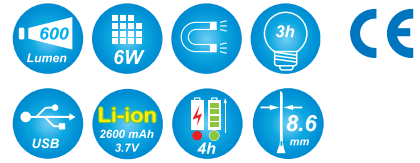


KT NO.	Applicable area	L mm			
9TA24A	Europe	265	670	1 / 20	
9TA24B	America & Asia	265	670	1 / 20	
9TA24D	Australia & New Zealand	265	670	1 / 20	

6W COB + 1W SMD Slim Inspection Lamp

9TA261 new

- Brightness - Worklight : 600/250 Lumen (lm), Top light: 120 lumen (lm), white light color, kelvin : 6500K
- Materials: ABS plastic + rubber housing + PC lens + aluminium slim housing
- 120° Angle rotation & magnetic base
- Rechargeable battery : 3.7V - 2600mAh Li-ion
- Switch modes: Top light – Worklight low-Worklight high-Off
- Accessory : USB cable and charger
- 3 hours continuous for high worklight and 6 hours for low worklight
- Charge times : 4 hours



Contents

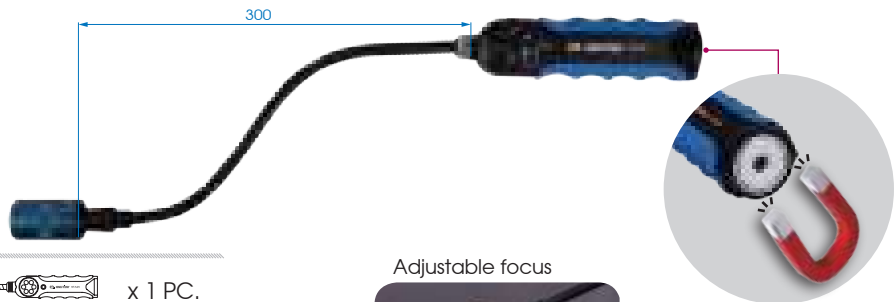
COB LED LAMP		x 1 PC.
USB CHARGER		x 1 PC.
USB CABLE		x 1 PC.

KT NO.	Applicable area	L mm			
9TA261A	Europe	340	300	1 / 12	
9TA261B	America & Asia	340	300	1 / 12	
9TA261D	Australia & New Zealand	340	300	1 / 12	

Flexible LED Lamp

9TA25

- 5W High lightness LED lamp
- Brightness : 390 Lumen(lm)
- Rechargeable battery : 3.6V-2250mAh-Li-ion
- Power adaptor AC 100-240V
- USB changer 5V, 1000mA
- Battery power status indicator
- 360 degrees of rotation
- Built-in magnet
- Waterproof grade: IP54



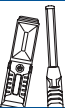
Contents

LED LAMP		x 1 PC.
USB CHARGER		x 1 PC.
USB CABLE		x 1 PC.

Adjustable focus



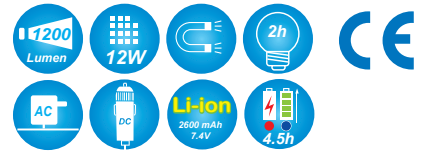
KT NO.	Applicable area	inch	L mm			
9TA25A	Europe	12	300	300	1 / 20	
9TA25B	America & Asia	12	300	300	1 / 20	
9TA25D	Australia & New Zealand	12	300	300	1 / 20	



12W SMD LED Adjustable Lamp

9TA31

- 60 PC. SMD LEDs
- Brightness : 1200 Lumen (lm), white light color, kelvin : 7000~7800K
- Materials : ABS+PC
- Two step adjustable light
- Hidden hook and magnetic adsorption
- Rechargeable battery : 7.4V - 5200mAh Li-ion
- Accessory: AC 100~240V, 50/60Hz EU battery charger, DC 12V cigarette plug charger
- 2 hours continuous light, charge times : 4.5 hours



Adjustable light Two step adjustable light Magnetic swivel base body swivel knot








Contents

12W SMD LED rechargeable work lamp  x 1 PC.

AC charger  x 1 PC.

DC Car charger  x 1 PC.

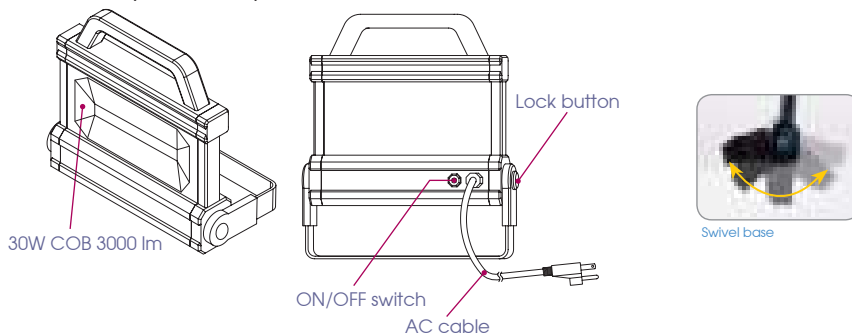
KT NO.	Applicable area	L mm	mm		
9TA31A 	Europe	760	790	1 / 8	
9TA31B 	America & Asia	760	790	1 / 8	
9TA31D 	Australia & New Zealand	760	790	1 / 8	








30W Wired COB LED Floodlight

9TA42

- 30W COB LED floodlight with portable handle
- Brightness: 3000 Lumen (lm), white light color, kelvin: 6000~7000K
- IP54 aluminum housing + waterproof coating
- Slim profile with lockable adjustment and 180° swivel base
- Option to wall mount or tripod stand at work sites
- Accessory: AC adapter 100~240V, 50/60Hz cable 1.8M

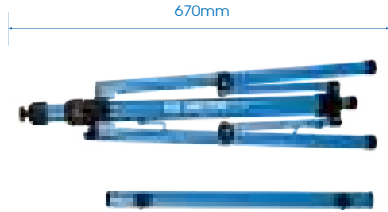




KT NO.	Applicable area	L x H x W mm		
9TA42A 	Europe	238 x 270 x 46	1239	1 / 6
9TA42B 	America & Asia	238 x 270 x 46	1239	1 / 6
9TA42D 	Australia & New Zealand	238 x 270 x 46	1239	1 / 6

Adjustable Tripod For Floodlight

87162 new

- Can hold one light or 2 lights (with T-Bar)
- Durable heavy duty steel tripod body
- Three section tube diameter : 25mm /32mm / 38mm
- Adjustable tripod height from 700mm to 1500mm.
- Portable, easy to fold and great for transportation

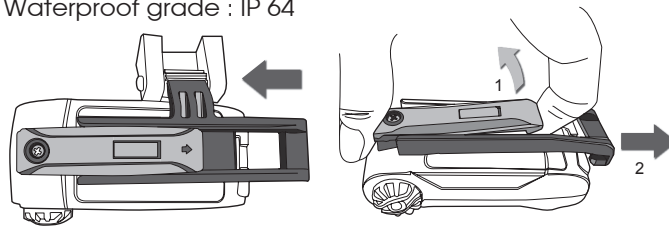
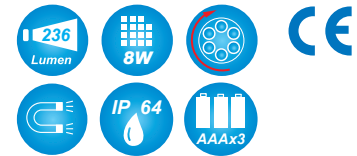




KT NO.	Tube Diameter (mm)	Loading Weight (kg)	Folded Length (mm)	Max height (mm)		
87162	38	3.0	700	1500	650	1 / 6

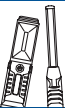
Multi-Functional Adjustable COB Headlight

9TA51 new

- 5W Multi-Functional Adjustable COB Headlight
- Brightness : 236 Lumen (Lm)
- Magnetic swivel clip
- Operates using 3 x AAA batteries (not included)
- Waterproof grade : IP 64



KT NO.	L mm		
9TA51	88	300	50



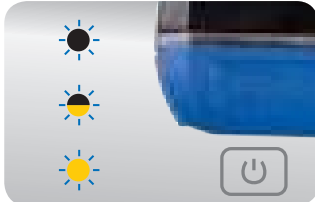
3W COB LED Inductive Headlight

9TA52 new

- Brightness : 100 / 280 Lumen (lm), white light color, kelvin : 6500K
- 2 hours continuous for high worklight / 5.5 hours for low worklight
- Materials:
High impact ABS + TPE housing + PC lens & non-skid grip belt
- Feature : 10cm Smart motion sensor
- Rechargeable battery : 3.7V - 1500mAh Li-po
- LED battery charging indicator
- Charge times : 2.5 hours
- Accessory : Charging cable + AC 100-240V charger



CE
RoHS



Two step adjustable light



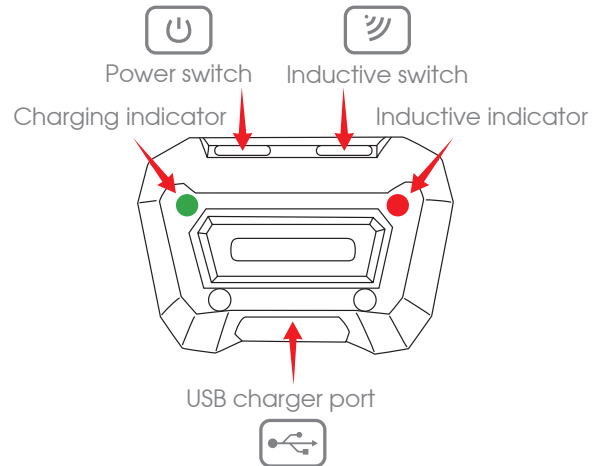
60° Adjustable lighting



Inductive indicator ON



Inductive light switch



Contents

COB LED LAMP		x 1 PC.
Headband		x 1 PC.
USB CHARGER		x 1 PC.
USB CABLE		x 1 PC.

KT NO.	Applicable area	L mm			
9TA52A	Europe	65	110	1	40
9TA52B	America & Asia	65	110	1	40
9TA52D	Australia & New Zealand	65	110	1	40

LED Pocket Torch

79814

- 1W High performance LED pocket torch
- Brightness: 30 Lumen(lm)
- Aluminum alloy body with keychain
- Operates using 1 x AA battery (not included)
- 6 hours (normal) lighting



KT NO.	L x Ø mm		
79814	98 x 21	31	10 / 120

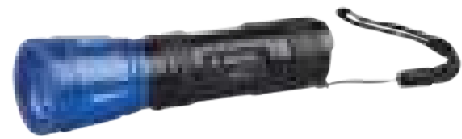


79815

- 3W High performance LED adjustable focus pocket torch
- Brightness: 120 Lumen(lm)
- Strobe warning lights for maximize visibility
- Aluminum alloy body, safety lanyard included
- Operates using 3 x AAA batteries (not included)
- 6.5 hours (normal) lighting



KT NO.	L x Ø mm		
79815	128 x 28	95	1 / 100



1.5W COB +1 LED Lamp & Set

9TA28

- 1.5W COB + 1W LED
- 180° magnetic swivel base + 270° magnetic swivel clip
- Rechargeable battery : 3.7V - 800mAh Li-ion
- Accessory: USB charging cable
- Overcharge/Discharge protection
- Materials: ABS+PC
- 2 hours continuous light, charge time: 2 hours
- Brightness: 145 Lumen (lm), white light color, kelvin: 7200K



180° swivel clip



magnetic base



USB charger port



Top light with 1 LED



Magnetic swivel clip

KT NO.	L mm			Contents
9TA28	180	160	12 / 48	1.5W COB + 1 LED rechargeable work lamp x 1 PC. USB CABLE x 1 PC.

9TA28-S

new

Paper display stand size(mm):
435 x 430 x 220 (1.45CUFT)

Contents		
9TA28	1.6	1 / 4



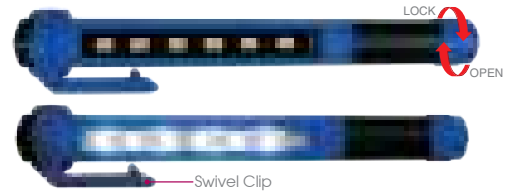
12 PC.



LED Pen Light & Set

79831

- Pen light with 6 PC. SMD(surface-mount devices) LED
- Brightness:135 Lumen(lm)
- ABS body 360 degree rotation
- PE lampshade: avoid nebulization
- Operates using 3 x AAA batteries (not included)



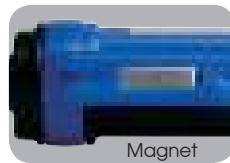
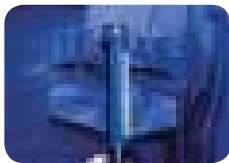
KT NO.	L x W x H mm		
79831	165 x 25 x 30	58	10 / 120

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		
79832	165 x 25 x 30	58	10 / 120



7983

Paper display stand size(mm):
115 x 175 x 175 (0.124CUFT)

KT NO.	Contents		
79830DQ	6 PC.	0.58	1 / 12
	6 PC.		
79831-S	12 PC.	0.58	1 / 12
79832-S	12 PC.	0.58	1 / 12



Notes



A series of horizontal dashed lines for writing notes, spanning the width of the page.

AUTOMOTIVE TOOLS

- Engine Series
- Under Car Series
- Body Series
- Battery & Electrical
- General Tools





286
PC.

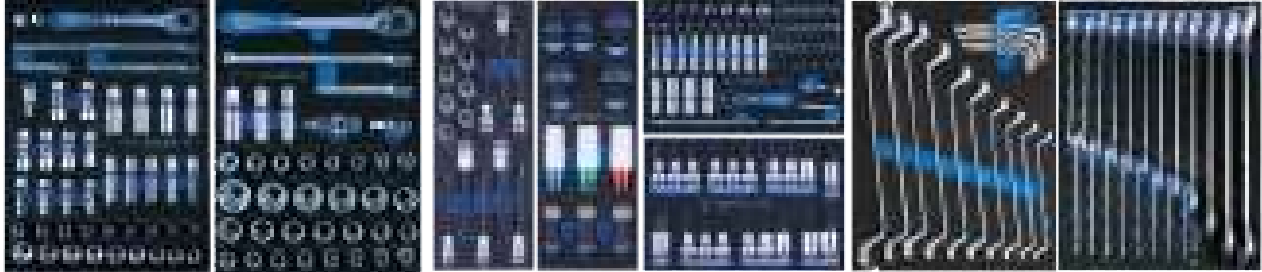
Tool Trolley Contents



Contents No. 934-010MRVD

kg 28.8 CUFT 2.97

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



9-3544MRV #9 P.72 | 9-4537MRV #9 P.73 | 9-4147PRV #10 P.77 | 9-4401MPV #10 P.77 | 9-2565MRV #7 P.71 | 9-4129PRV #7 P.71 | 9-90119MRV #9 P.74 | 9-1220MRV #9 P.74



9-31124MRV #6 P.70 | 9-40104GPV #10 P.78 | 9-40113GPV #10 P.78 | 9-90135MRV #10 P.78 | 9-90118PRV #10 P.79



286
PC.

Tool Trolley Set



kg 92.8
CUFT 15.21



934-010MRV
(87434-7B P.37)



934-010MRV-G
(87434-7B-G P.37)



934-010MRV-B
(87434-7B-B P.37)



kg 98.8
CUFT 15.21



9634-010MRV
(87634-7B P.41)



9634-010MRV-G
(87634-7B-G P.41)



9634-010MRV-B
(87634-7B-B P.41)



kg 103.8
CUFT 15.67



9934F-010MRV
(87934-7BF P.43)



9934F-010MRV-G
(87934-7BF-G P.43)



9934F-010MRV-B
(87934-7BF-B P.43)

ALFA ROMEO

Diesel Engine Setting & Locking Set



9AT2006E

- The set includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engine timing

6
PC.



1359.5 / 1 / 10

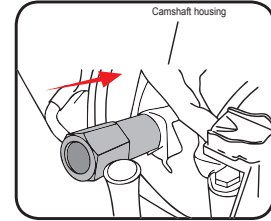
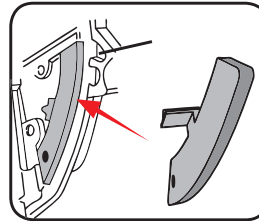
MODEL: 145 (98-01), 146 (98-01), 147 (01-09)
156 (97-08), 159 (05-09), 166 (98-08)
GT (04-09), Brera (05-09), Spider (06-09)
Crosswagon (04-08)

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.



2189.5 / 1 / 5

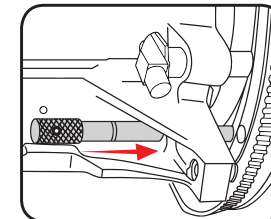
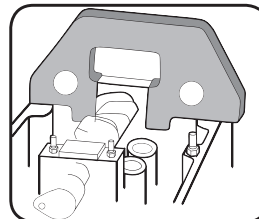
MODEL: 750i / E32 / E38 (87-02)
850i / E31 (90-99)

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.



3600.5 1 / 3

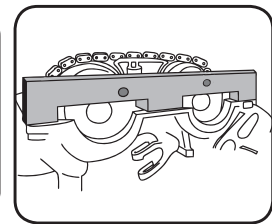
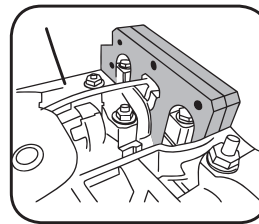
118i. E87 (04-08)
 120i. E87 (04-08)
 316i. E46 (01-05)
 316ti. Compact E46 (01-05)
 318i. E46 (01-07)
 MODEL: 318ti. Compact E46 (01-05)
 318i. E90 (05-08)
 X3. 2.0i E83 (05-08)
 Z4. 2.0i E85 (04-08)
 520i. E60 (04-08)
 320i. E90 (05-08)

ENGINE N42 / N46
 CODE: 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

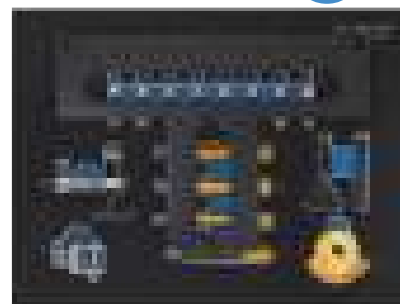
18 PC.



4400.0 1 / 3

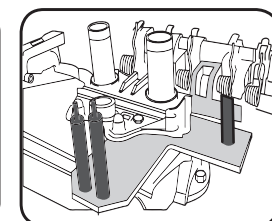
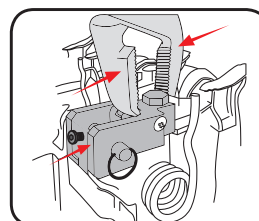
118i. E87 (04-08)
 120i. E87 (04-08)
 316i. E46 (01-05)
 316ti. Compact E46 (01-05)
 318i. E46 (01-07)
 MODEL: 318ti. Compact E46 (01-05)
 318i. E90 (05-08)
 X3. 2.0i E83 (05-08)
 Z4. 2.0i E85 (04-08)
 520i. E60 (04-08)
 320i. E90 (05-08)

ENGINE N42 / N46
 CODE: 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.)





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

9
PC.



5965.7 1 / 3



CONTENTS :

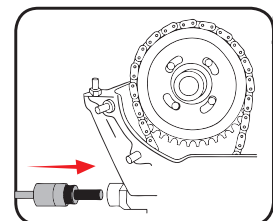
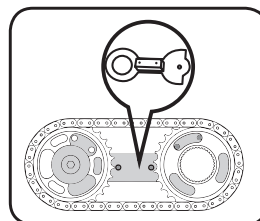
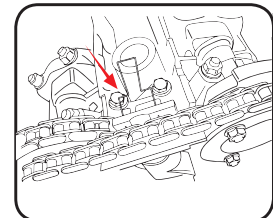
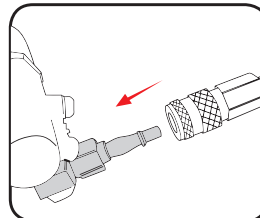
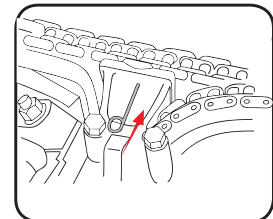
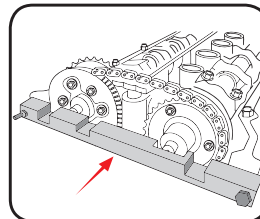
- A - camshaft setting plate
- B - timing adjustment plate
- C - compressed air connector
- D - sprocket / chain assembly fixture
- E - flywheel locking pin
- F - tensioner pin (M50)
- G - twin VANOS setting tool
- H - tensioner pin (M52)
- I - tensioner tool

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



Petrol Engine Twin Camshaft Setting & Locking Set



9AT1102E

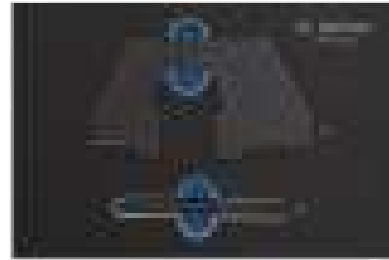
- The set includes camshaft locking plate and flywheel locking pin
- Suitable for M40 engines (also used on the M43 chain driven engine)
- Use to lock the camshaft and crankshaft TDC position to keep their timing relationship while replacing timing belt or carry out other timing belt service

1900.5 / 1 / 10

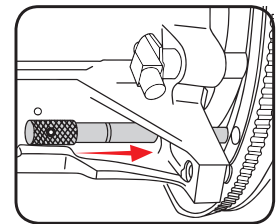
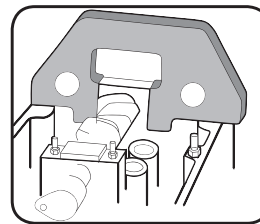
MODEL:
 316i E36 / E46 (93-04)
 316i Compact E36 / E46 (98-01)
 318i E36 / E46 (93-01)
 518i E34 (94-96)
 Z3 1.8 / 1.9 E36 (96-03)

ENGINE CODE:
M43
 16 4E 2, 16 4E 3
 18 4E 2, 19 4E1

2 PC.



CONTENTS :
 • A - camshaft locking plate
 • B - flywheel locking pin



Petrol Engine 1.8 To 3.0 Twin Cams Setting & Locking Set



9AT1106E

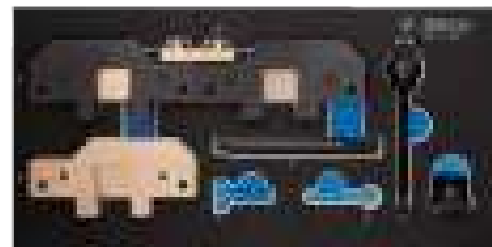
- The set includes camshaft setting plate, timing adjustment plate, pre-load tool, flywheel locking pin and tensioner pin
- Suitable for setting / locking popular BMW petrol engine
- Suggestion:
 Use with 9AT1-A02 wrench while using this kit on SINGLE VANOS system (on inlet camshaft)
 Use with 9AT1303 while using this set on TWIN VANOS system

3780.0 / 1 / 5

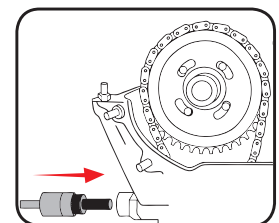
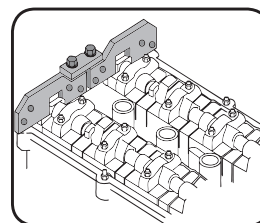
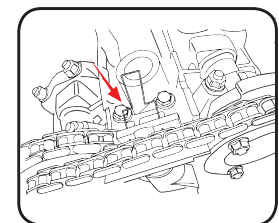
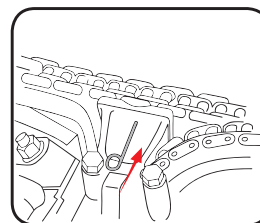
MODEL:	318is. E36 (92-99)	525i. E39 / E60 (00-05)
	318ti Compact. E36 (94-01)	528i. E39 (96-00)
	320i. E36 / E46 (92-07)	530i. E39 / E60 (00-05)
	323i. E36 / E46 (95-01)	728i. E38 (94-02)
	325i. E36 / E46 (92-07)	730i. E65 (02-05)
	328i. E36 / E46 (95-01)	Z3. (E36) 1.9-3.0 (96-03)
	330i. E46 (00-07)	Z4. (E85) 2.2-3.0 (03-06)
	520i. E39 / E60 (96-05)	X3. (E83) 3.0 (03-06)
	523i. E39 (96-00)	X5. (E53) 3.0 (99-07)

ENGINE CODE:
M42 / M44 / M50 / M52 no VANOS (VVT)
 18 4S 1, 19 4S 1, 20 6S 2(Early), 25 6S 2(Early).
M50 / M52 Single VANOS (VVT) variants
 20 6S 2(Later), 20 6S 3, 25 6S 2(Later),
 25 6S 3, 28 6S 1
M52(TU) / M54 / M56 Twin VANOS (VVT) variants
 20 6S 4, 22 6S 1, 25 6S 4, 25 6S 5, 28 6S 2, 30 6S 3

6 PC.



CONTENTS :
 • A - camshaft setting plate
 • B - timing adjustment plate
 • C - flywheel locking pin
 • D - tensioner pin (M50)
 • E - tensioner pin (M52)
 • F - tensioner tool



BMW

Petrol Engine Twin VANOS Service Set



9AT1303E

- 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

3
PC.



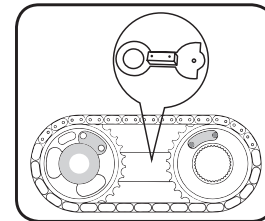
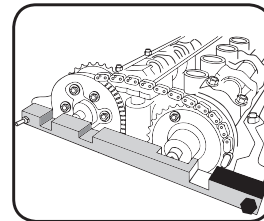
CONTENTS :

- A - compressed air connector
- B - sprocket / chain assembly fixture
- C - twin VANOS setting tool

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



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

12
PC.



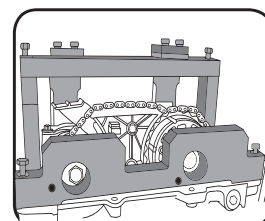
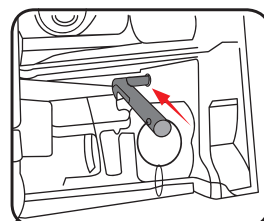
CONTENTS :

- A - VANOS alignment plate (Red for N53/N54, Silver for N51/N52/N52K)
- B - camshaft locking tool
- C - flywheel locking pin

5900.0 1 / 3

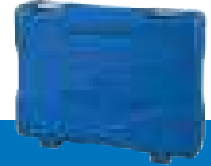
MODEL: 128i. E82 (07-08)
130i. E81/87 (05-08)
135iS. E82 (07-08)
323i. E90/91/92/93 (04-08)
325i/xi. E90/91/92/93 (04-08)
328i/xi. E90/91/92/93 (04-08)
330i/xi. E90/91/92/93 (04-08)
335i/xi. E90/91/92/93 (05-08)
523i/Li. E60/61 (04-08)
525i/Li/xi. E60/61 (04-08)
528i/xi. E60/61 (06-08)
530i/Li/xi. E60/61 (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)



BMW

Diesel Engine 2.0 / 3.0 Timing Set



9AT2007E

- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

7
PC.



1752.5 / 1 / 10

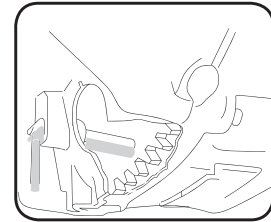
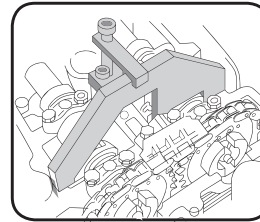
MODEL: 118d E87 (03-07), 120d E87 (03-07)
 318d / td E46 / E90 / 91(00-08)
 320d / td E46 / E90 / 91(97-08)
 325d E90 / 91 / 92 / 93 (06-09)
 330d / xd / cd E46 / E90 / 91 / 92 / 93 (98-08)
 335d E90 / 91 / 92 (06-09)
 520d E39 / E60 / 61 (99-09)
 525d / xd E39 / E60 / 61 (99-09)
 530d / xd E39 / E60 / 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: M47 / M57/ M47TU / M57TU / M47T2 / M57T2
 20 4D 1, 20 4D 4, 25 6D 1, 25 6D 2
 CODE: 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

- 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

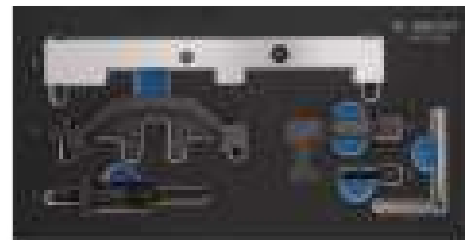
6
PC.



2657.0 / 1 / 5

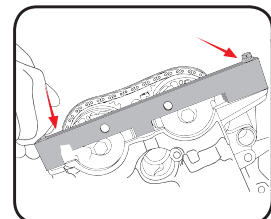
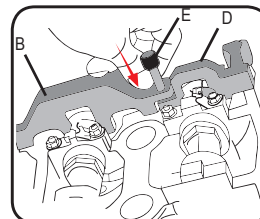
MODEL: 116i. E81 E87 (03-09)
 316i. E46 / E90 (01-08)
 316Ci. E46 (01-06)
 316ti. E46 (01-05)

ENGINE: N40 / N45 / N45T
 CODE: B16, B16A, B16AC



CONTENTS :

- A - VANOS alignment plate
- B - camshaft setting plate (inlet)
- C - timing chain tensioner pre-load tool
- D - camshaft setting plate (exhaust)
- E - camshaft setting plate securing screw
- F - flywheel locking pin



BMW

Diesel Engine 2.5TDS Timing Set



9AT2106E

- The set includes camshaft setting plate, tensioner lever, tensioner retaining pin, flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engine
- Use to retain and support the sprocket and timing chains in correct position when the pump is removed

6
PC.



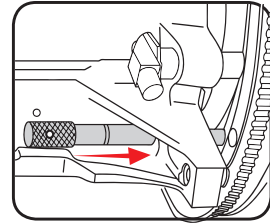
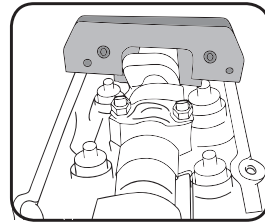
2480.0 1 / 5

MODEL: 1.7 2.5td / tds (Chain)
318tds. E36(94-00)
325td / tds. E36(91-99)
525td / tds. E34(90-00)
725tds. E38(95-02)

ENGINE CODE: 1.7 2.5td / tds (Chain)
M41 / M51

CONTENTS :

- A - camshaft setting plate
- B - tensioner lever
- C - flywheel locking pin
- D - tensioner retaining pin
- E - pump remove & sprocket retainer (2 part)



BMW / MINI

Petrol Engine Setting & Locking Set – BMW/PSA



9AT1010E

- The set includes camshaft setting tool, crankshaft locking pin & chain tensioner tool
- Suitable for BMW Mini and PSA Peugeot Citroën 1.4/1.6 16v valvetronic direct injection engines
- Use to lock and adjust engine timing

10
PC.



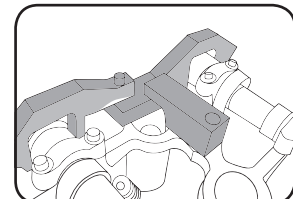
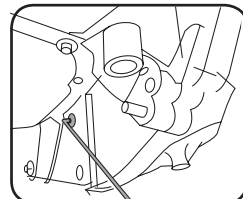
BMW Mini Cooper N12/N14 2383.5 1 / 5

MODEL: Clubman(07-14)
Countryman(14-16)
Paceman(14-16)
Roadster(12-12)

ENGINE CODE: N12 1.4/1.6(Valvetronic)
B14, B14AB, B16A
N14 1.6(Direct Injection)
B16A, B16CD/TD, B16TD, B16CD

CONTENTS :

- A – camshaft setting tool (inlet)
- B – camshaft setting tool (exhaust)
- C – camshaft setting tool
- D – camshaft setting clamp
- E – crankshaft locking pin
- F – chain tensioner tool
- G – M10 screw*4



BMW / MINI Petrol Engine Timing Set



9AT1108E

- Use for BMW & Mini 1.6 litre chain drive petrol engine
- Includes the cam & crankshaft locking tools and chain pre-tension setting tools for TDC position
- Suitable for BMW (N13) & Mini (N18) engines

8
PC.



2526.5 1 / 10

BMW 1 Series

114i F20(2012-15), 116i F20 (2012-15),
118i F20 (2011-15)

BMW 3 Series

316i F30 (2012-15)

MINI

MODEL:

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)

N13

B16A

ENGINE
CODE:

N18
B16/M0, B16A, B16A/M0, B16A/MO, B16C,
B16C/TO, B16M0



CONTENTS :

- A – camshaft locking tool
- B – camshaft locking tool
- C – chain tensioner tool
- D – crankshaft locking pin

BMW Petrol Engine Timing Set



9AT1706E

- Use for BMW 2.0 litre chain drive petrol engine
- Includes the VANOS unit setting tools, camshaft locking tools and chain pre-tension setting tools for TDC position
- Suitable for BMW N20 & N26 engines

8
PC.



4287.0 1 / 3

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

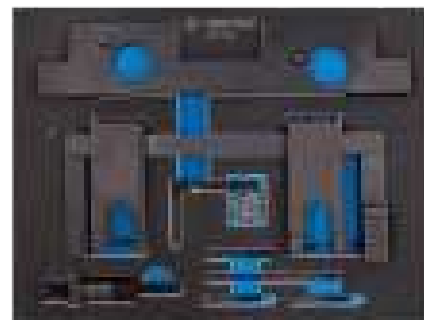
xDrive20i/28i F25 (2011-14)

Z4

sDrive18i E89 (2013-14),
sDrive20i/28i E89 (2011-14)

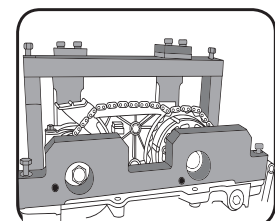
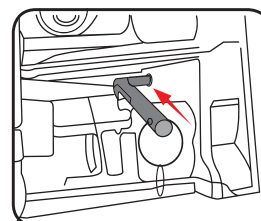
ENGINE
CODE:

N20 B20A, N20 B20B/UO, N20 B20CO, N26 B20



CONTENTS :

- A - VANOS alignments plate
- B - camshaft locking tool
- C - chain tensioner tool
- D - flywheel locking pin





9AT2107E

new

- The set includes camshaft alignment tool, flywheel locking tool, crankshaft pulley turning tool, and also high pressure pump sprocket removal tool
- Suitable for BMW N47 / N47S / N57 2.0 and 3.0 twin camshaft diesel chain drive engine
- Use to set & lock the camshaft and crankshaft when adjusting valve timing on engine correctly

8
PC.



1730.0 / 1 / 10



CONTENTS :

- A – camshaft Alignment Tool
- B – flywheel Locking Tool
- C – crankshaft Turning Tool
- D/F – high pressure pump sprocket removal tool
- E – tensioner Locking Pin

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)

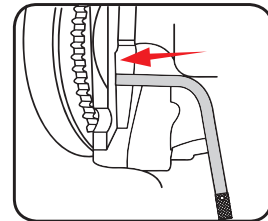
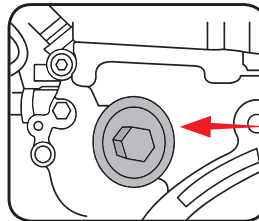
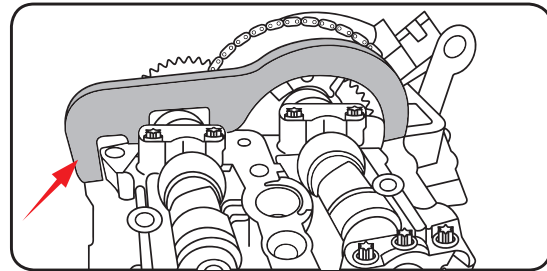
7 Series
730d/730Ld/740d/740d xDrive
F01/02/04 (08-12)

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
D20U0

N57
D30U0
D30O0
D30O1
D30T0



BMW

Petrol Engine VANOS Engagement Wrench

9AT1-A02

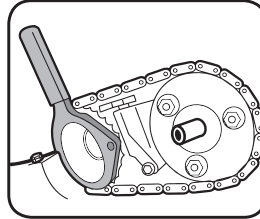
- For BMW twin camshaft engines with single VANOS unit mounted on inlet camshaft

 297.8  /  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  /  6 / 36



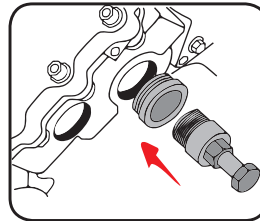
MODEL:

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)

M47 / M57

ENGINE CODE:

1 Series E87, 3 Series E46 / E90
 5 Series E39 / E60, 6 Series E63
 7 Series E38 / E65, X3 E83 and E53 / E70



CHEVROLET

Petrol Engine Tension Adjustment Wrench Set (Via Water Pump)

9AT1202

- The set includes 41mm and 46mm tension adjust wrench
- Suitable for Vauxhall / Opel and Chevrolet engine

 694.4  /  6 / 24

2
PC.

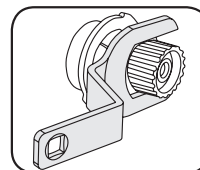


MODEL:

9AT1202-B(41mm)
 Kalos (04-08), Aveo (06-08),
 Espero / Aranos (95-97), Nexia (95-97)
 Lanos (97-03), Nubira / Lacetti (97-09)
 Cruze (2009)

ENGINE CODE:

1.4 A13DM A14MS F14S3
 1.4 16v. F14D3,
 1.5 G15MF
 1.5 16v. A15DM A15SMS A15MF
 1.6 16v. A16DM A16DMS F16D3 LXT



CONTENTS :

- A - tension adjustment wrench (46mm)
- B - tension adjustment wrench (41mm)

MERCEDES-BENZ

Petrol Engine Timing Set



9AT1016E new

- Use for chain drive 1.6 / 2.0 direct injection petrol engine
- Includes different diameter alignment blocks and pulley bit socket to ensure the camshaft in the correct position
- Suitable for Mercedes- Benz M133 / M270 / M274

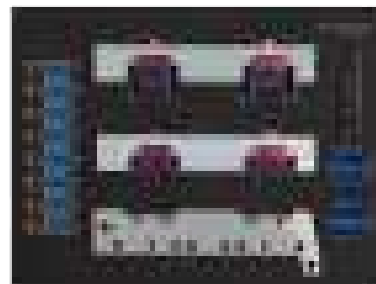
16
PC.



3452.0 1 / 5

MODEL: A-class 176 (since 2012)
B-class 242 / 246 (since 2012)
CLA 117 (since 2012)
C-class 204 (since 2011)
C-class COUPE (since 2011)
E-class 212 (since 2011)
GLA (2014-15)

ENGINE CODE: 133.980
270.910, 270.920
274.910, 274.920



CONTENTS :

- A – camshaft alignment tool (chain end)
- B – camshaft alignment tool (gearbox end)
- C – camshaft pulley bit socket (T100)
- D – camshaft alignment blocks (small)

MERCEDES-BENZ

Petrol Engine Timing Set



9AT1606E new

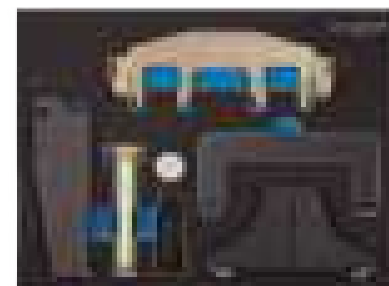
- Use for 1.8 litre M271 chain drive petrol engine
- Includes chain tensioner adjust tools and cam pulley bit socket to hold the chain in place
- Suitable for Mercedes- Benz M271

6
PC.



3452.0 1 / 3

MODEL	ENGINE CODE
C-class 176 (2002-15)	271.820, 271.860, 271.861
C-class Coupe (2011-15)	271.921, 271.940, 271.941
CLC (2008-12)	271.942, 271.943, 271.944
CLK (2002-09)	271.946, 271.948, 271.950
E-class (2002-13)	271.952, 271.954, 271.955
E-class Coupe / Cabriolet (2004-13)	271.956, 271.957, 271.958
SLK (2004-15)	
Sprinter (2007-15)	271.951



CONTENTS :

- A – camshaft locking tool
- B – cam chain tensioner rail wedge tool
- C – cam chain tensioner drift
- D – cam chain retaining bridge
- E – camshaft pulley bit socket (T100)



PSA PEUGEOT CITROËN

Petrol Engine Setting & Locking Set - BMW/PSA



9AT1010E

- The set includes camshaft setting tool, crankshaft locking pin & chain tensioner tool
- Suitable for BMW Mini and PSA Peugeot Citroën 1.4/1.6 16v valvetronic direct injection engines
- Use to lock and adjust engine timing

10
PC.



2383.5 / 1 / 5

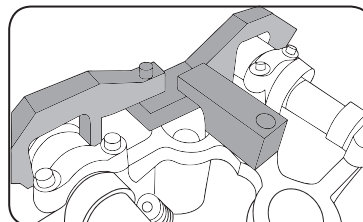
Citroen
C4(08-11)
C4 Picasso(08-13)
Peugeot
MODEL: 207(06-11)
207CC(07-14)
308(07-14)
3008(09-12)
5008(09-11)

Citroen
8FR(EP3)
5FS(EP6)
Peugeot
ENGINE CODE: EP3(8FS)
EP6(5FW)
EP6DT(5FX)
8FS(EP3)
EP6DTS(5FY)



CONTENTS :

- A – camshaft setting tool (inlet)
- B – camshaft setting tool (exhaust)
- C – camshaft setting tool
- D – camshaft setting clamp
- E – crankshaft locking pin
- F – chain tensioner tool
- G – M10 screw*4



PSA PEUGEOT CITROËN

Petrol Engine Timing Set



9AT1021E

- The set includes special flywheel tools and cam/crankshaft timing pin
- Use to replace timing belt engines of: 1.0 / 1.1 / 1.4 / 1.6 / 1.6VTS / 1.8 16v / 2.0 / 2.0 16V / 2.2
- Include PSA "EW coded" twin-cam 16v engine and HPI versions
- Suitable for PSA Peugeot / Citroen engines

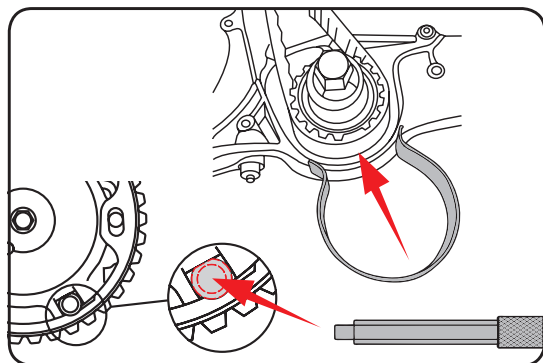
2163.5 / 1 / 10

21
PC.



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

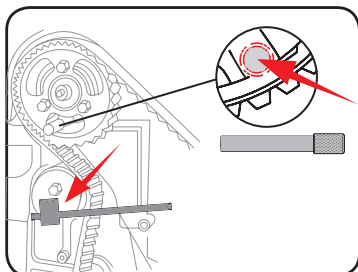
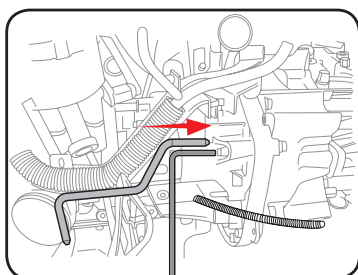
Diesel Engine Timing Set



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.



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



CONTENTS :

- A – TDC timing pin
- B – flywheel locking pin (2pc)
- C – tensioner retaining tool



⚖️ 112.2 📦 12 / 120

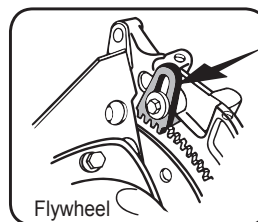
MODEL: 2.8D/Tdi/Hdi
Relay / Jumper (01-06)
Boxer (00-06)

ENGINE: 8140.43
8140.43S
8140.63

Petrol & Diesel Engine Flywheel Holding & Locking Tool

9AT3-E02

- Used to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with high torque and the flywheel must be securely locked during installation / removal
- Jamming tools into the teeth of the flywheel will cause serious damage to both teeth and housing
- Suitable for petrol and diesel engine



⚖️ 64.2 📦 25 / 100

MODEL: Petrol 1.0 to 2.0 TU / XU (Belt)
XU 1.6 to 2.0
Diesel 1.50 to 2.50 TUD / XUD (Belt)
XU1.6 to 2.0
XD1.8D to 1.9D



FIAT

Petrol Engine Setting & Locking Set



9AT1002E

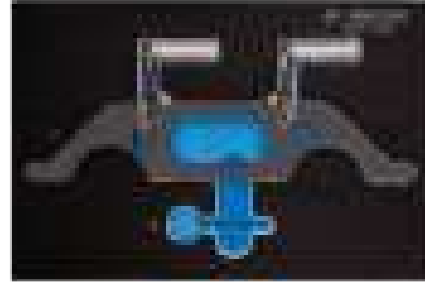
- The set includes camshaft setting tool and tensioner retaining pin
- Suitable for Vauxhall / Opel & Fiat engine
- Use to lock the camshafts on the correct timing position

1510.0 g / 1 / 10

MODEL: Petrol 2.2 16v. Twin Cams(Chain)
Croma (05-09)

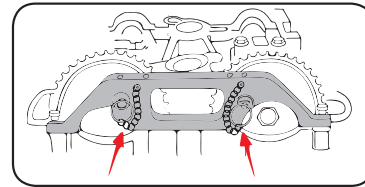
ENGINE CODE: Petrol 2.2 16v. Twin Cams(Chain)
194A1.000

2 PC.



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 g / 1 / 10

MODEL: Diesel
1.6JTD / 1.9JTD / 2.0JTD / 2.4JTD Multijet(Belt)
Punto (99-06), Grande Punto (05-09)
Idea (04-08), Brava/Bravo (98-02)
Linea (07-09), New Bravo (07-09)
Marea/Weekend (99-03), Stilo (01-06)
Croma (05-09), Multipla (99-07)
Doblo/Cargo (02-09), Palio Weekend (02-06)
Sedici (06-09), Strada Pick-Up (03-06)

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

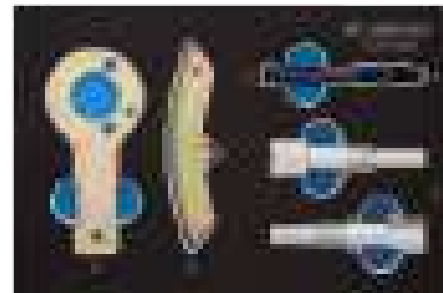
2.0JTD 16v.
198A5.000

2.4JTD 10v.
185A6.000

2.4JTD 20v.
939A3.000

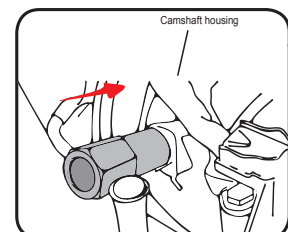
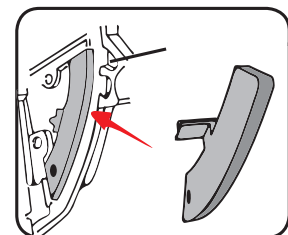
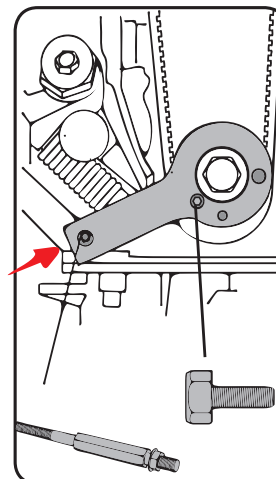
ENGINE CODE:

6 PC.



CONTENTS :

- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)

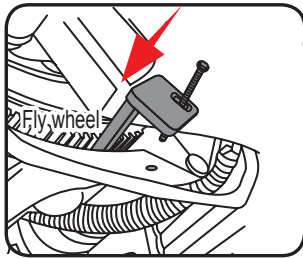


FIAT

Petrol Engine Flywheel Holding Tool

9AT1-E01

- Use to lock the flywheel while removing and replacing the timing belt
- Put it into the teeth of the flywheel to hold the crankshaft up, while releasing or tightening the bolt



⚖️ 51.0 📦/📦 20 / 100

MODEL: Stilo (01-08), Brava / Bravo (95-02)
Marea / Weekend (96-03), Multipla (99-09)
Doblo / Cargo (02-06)

ENGINE CODE: 178B3.000, 182A4.000
182A6.000, 182B6.000

Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel



CONTENTS :

- A – TDC timing pin
- B – flywheel locking pin (2pc)
- C – tensioner retaining tool

⚖️ 112.2 📦/📦 12 / 120

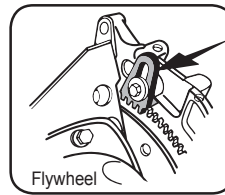
MODEL: 2.5D / 2.5DT / 2.8D / 2.8JTD
Croma (93-97)
Ducato (87-06)
Talento (87-02)

ENGINE CODE: 8140.21, 8140.27, 8140.47R
8140.43, 8140.43S, 8140.63
8144.67

Petrol Engine Flywheel Holding & Locking Tool

9AT3-E02

- Used to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with high torque and the flywheel must be securely locked during installation / removal
- Jamming tools into the teeth of the flywheel will cause serious damage to both teeth and housing
- Suitable for petrol and diesel engine



⚖️ 64.2 📦/📦 25 / 100

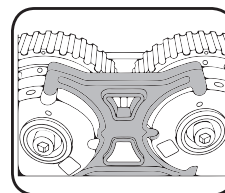
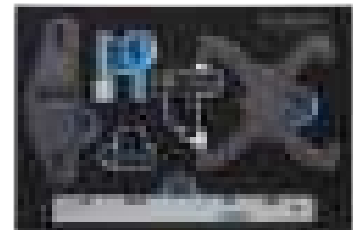
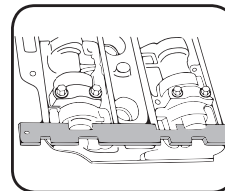
MODEL: Petrol 1.6 16v. Twin Cams (Belt)
Stilo

FORD

Petrol Engine Twin Camshaft & Diesel Engine Timing Tool Set

9AT1406E new

- The set includes VCT setting plate, camshaft setting plate, crankshaft TDC location pin, tensioner locking pin and flywheel locking tools
- Suitable for 16v. Duratec petrol engine of FORD 1.6 Ti-VCT twin camshaft
- Use to adjust VCT timing on inlet and exhaust camshaft during timing belt replacement



CONTENTS :

- A&E - flywheel locking tool
- B - camshaft setting plate
- C - crankshaft TDC location pin
- D - tensioner locking pin
- F - VCT setting plate
- G - crankshaft pulley alignment tool

⚖️ 1640.0 📦/📦 1 / 10

MODEL: Focus C-Max (03-08)
Focus (04-08)
Mondeo (07-08)

ENGINE CODE: HXDA



Diesel Engine Timing and Injection Pump Setting & Locking Set



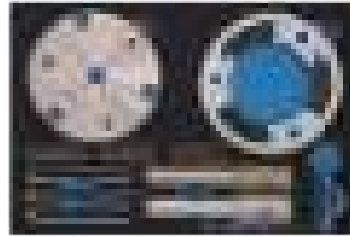
9AT2011E

- The set includes sprocket retaining plate, flywheel & tensioner locking pins
- Suitable for chain drive diesel engine of Ford
- Use to install/remove injection pump & set/lock engine timing

1472.5 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



11 PC.

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

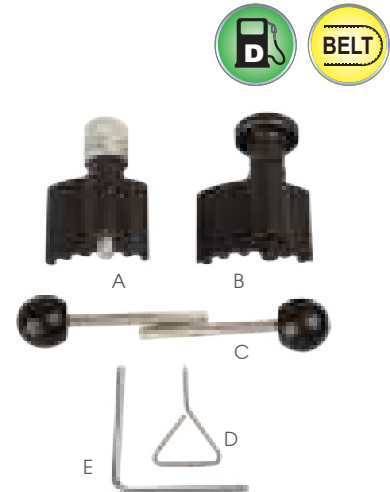
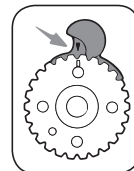
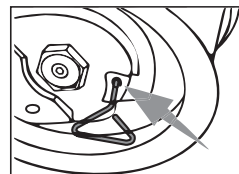
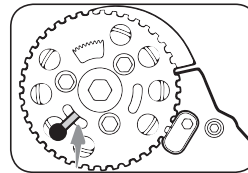
408.2 10 / 40

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



Petrol Engine Timing Set – Ford 2.0 Ecoboost



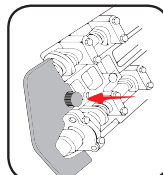
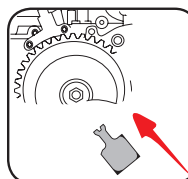
9AT1105E

- 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



5 PC.



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.



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)

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

ENGINE CODE:

1.8 16v(Belt)

EYDB~G, EYDI~J, EYPA, EYPC, RKA~B
RKF, RKH, RKJ, RKK

1.8 16v(Chain)

CDBB, CGBA/B, CHBA/B, CSDA~B, QQDA~C

2.0 16v(Belt)

EDBA/C, EDBB, EDBD, EDDB~D, EDDF, NGA~D

2.0 RS/ST170(Belt)

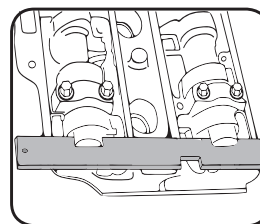
ALDA, HMDA

2.0 16v(Chain)

AOBA, AODA~B, AOWA, CJBA/B, N4JB

2.3 16v(Chain)

SEBA, SEWA, GZFA, GZFB



FORD

Petrol & Diesel Engine Flywheel Holding Set

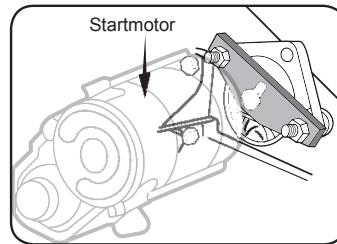
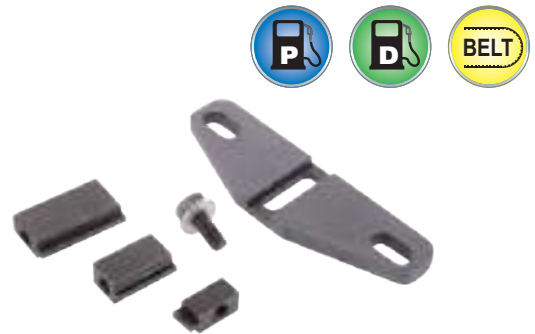
9AT3-E01

- Lock crankshaft in timed position by locating into flywheel
- Suitable for counter-holding crankshaft when releasing or tightening crankshaft pulley bolt

373.2 / 36 / 36

MODEL:
1.8 TDi / TDdi / TDCi Petrol Engines(Belt)
 Fiesta / Courier, Tourneo Connect,
 Focus C-Max, Mondeo, S-Max, Galaxy,
 Transit Connect
2.0TDCi Diesel Engines (Belt)
 Focus / C-Max, S-Max, Galaxy
1.6Ti-VCT Petrol Engines(Belt)
 Focus, Mondeo, Focus C-Max

ENGINE CODE:
1.8 TDi / TDdi / TDCi Petrol Engines(Belt)
 RTN, RTQ, RTP, BHDB, BHPA, C9DA, C9DB
 C9DC, F9DA, F9DB, FFBA, FFDA, FFWA
 HPCA, HPCB, P7PA, P9PA, QYBA, QYWA
 R2PA, R3PA, RWPA, KKDA
2.0TDCi Diesel Engines (Belt)
 AZWA, G6DA, G6DB, G6DC, QXWA
1.6Ti-VCT Petrol Engines(Belt)
 HXDA



IVECO

Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/ Peugeot, Vauxhall/Opel



CONTENTS :

- A - TDC timing pin
- B - flywheel locking pin (2pc)
- C - tensioner retaining tool



112.2 / 12 / 120

MODEL:
2.5D/2.8D
 Daily (91-06)
 Turbo Daily (94-00)

ENGINE CODE:
 8140.07, 8140.27S, 8140.47
 8140.47R, 8140.67F, 8140.97
 8140.23, 8140.43C, 8140.43S

LANCIA

Diesel Engine Setting & Locking Set

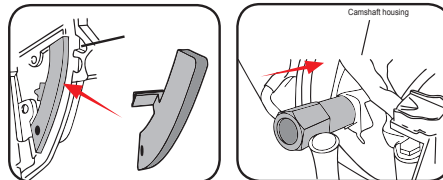
9AT2006E

- The set includes flywheel holding tool, crankshaft locking tool and camshaft setting tools
- Suitable for Lancia, Alfa Romeo and Fiat engine
- Use to set and lock engines timing



CONTENTS :

- A&C&D - crankshaft locking tool
- B - flywheel holding tool (crank pulley removal)
- E - camshaft setting tool (pair)



1359.5 / 1 / 10

MODEL:
2.0JTD / 2.2JTD(Belt)
 Lybra (99-07)
 Musa (04-09)
 Kappa (98-02)
 Thesis (02-07)

ENGINE CODE:
1.9JTD 8v.
 323.02, 371.01, 188B2.000, 937A2.000
2.4JTD 10v.
 838A8.000, 839A5.000, 839A6.000
2.4JTD 20v.
 841C.000, 841D.000, 841G.000, 841H.000

LANCIA

Petrol Engine Flywheel Holding Tool

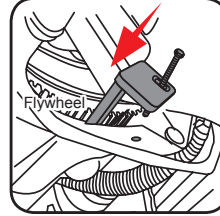
9AT1-E01

- Use to lock the flywheel while removing and replacing the timing belt
- Put it into the teeth of the flywheel to hold the crankshaft up, while releasing or tightening the bolt

51.0 20 / 100

MODEL: Delta (96-99)
Lybra (99-06)

ENGINE CODE: 182A4.000
182A6.000



LAND ROVER

Diesel Engine 2.0 / 3.0 Timing Set

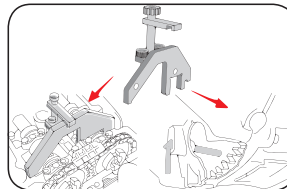
9AT2007E

- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

1752.5 1 / 10

MODEL: Diesel (Chain)
Freelander (00-06)
Td4 (2.0d)
Range Rover (02-06)
Td6 (3.0d)

ENGINE CODE: Diesel (Chain)
204D3 / Td4
(2.0 M47:BMW)
306D1 / Td6
(3.0 M27:BMW)



CONTENTS :

- A - camshaft setting plate
- B - camshaft plate locking tool
- C - TDC timing pin
- D - tensioner retaining pin set (pair)
- E - flywheel locking pin

Diesel Engine 2.5TDS Timing Set

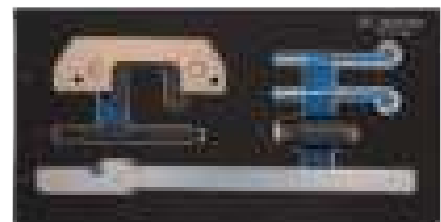
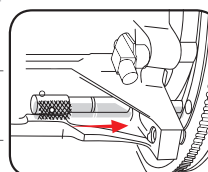
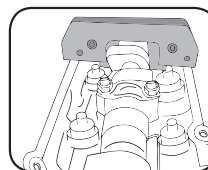
9AT2106E

- The set includes camshaft setting plate, tensioner lever, tensioner retaining pin, flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engines
- Use to retain and support the sprocket and timing chains in position when the pump is removed

2480.0 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)

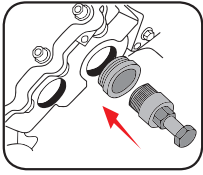


LAND ROVER

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



10528.0 6 / 36

MODEL: Freelander (00-06)
Td4 (2.0d)
Range Rover (02-06)
Td6 (3.0d)

ENGINE CODE: 204D3 / Td4
(2.0 M47:BMW)
306D1 / Td6
(3.0 M57 : BMW)

MAZDA

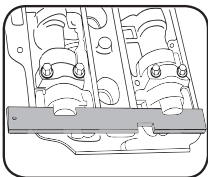
Petrol Engine Timing Locking Set

9AT1005E

- The set includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application

CONTENTS :

- A - crank TDC location pin
- B - crank TDC location pin
- C - camshaft setting plate
- D - timing belt tensioner locking pin
- E - crank holding tool
(+crank pulley bolt tightening)



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 16v : DHA, FUJA, FUJB
1.4 16v : FXJA, FXJB
1.6 16v : FYJA
1.8 16v : L8
2.0 16v : LF, YF
2.3 16v : L3

RENAULT

Diesel Engine Setting & Locking Set

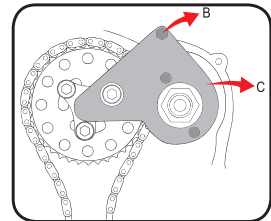
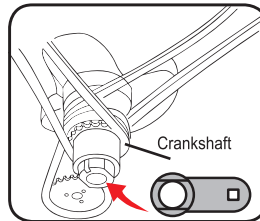
9AT2008E

- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel



CONTENTS :

- A&H - camshaft gear alignment tool
- B&C - camshaft setting plate
- D - crankshaft locking pin
- E - auxiliary belt tensioner locking pin
- F - crankshaft pulley holding tool
- G - chain tensioner locking pin



2375.5 1 / 5

MODEL: Megane II (07-09)
Scenic /Grand Scenic (08-09)
Laguna II (01-05)
Vel Satis (05-09)
Espace / Grand Espace (08-09)
Koleos (08-09)
Trafic (07-09)

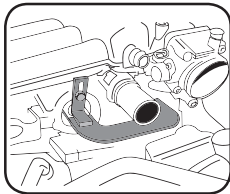
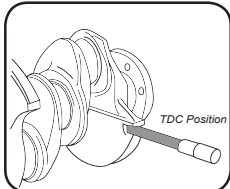
ENGINE CODE: 2.0 dCi M9R
700, 721, 722, 724, 740, 742, 746, 760
761, 780, 802, 803, 805, 830, 832, 833

RENAULT

Petrol Engine Timing Locking Set-2.0 16V IDE - F5R

9AT1-A03

- The set includes crankshaft timing pin and camshaft setting plate, to aid timing belt replacement
- Suitable for Renault 2.0 IDE twin cam petrol engines found in Laguna and Megane vehicles



510.6 10 / 30

MODEL: Megane (99-03)
Laguna II (01-05)

ENGINE CODE: F5R700, 701, 740

Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/Peugeot, Vauxhall/Opel



CONTENTS :

- A - TDC timing pin
- B - flywheel locking pin (2pc)
- C - tensioner retaining tool



112.2 12 / 120

MODEL: 2.5D/2.5D Turbo/2.8dTi/2.8dCi
Traffic (98-00)
Master (98-07)

ENGINE CODE: S8U
720, 722, 730, 731, 742, 748
750, 752, 770, 772, 780, 782
S9U
700, 702, 704, 714, 740
S9W
206, 208, 212, 700, 702

Petrol & Diesel Engine Timing Set(dCi Engines)

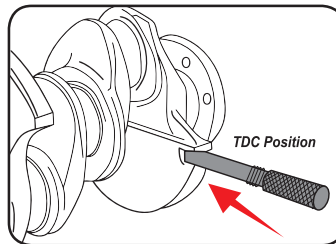
9AT3-A03

- The set includes camshaft / crankshaft locking pin and TDC timing pin
- Used for timing belt replacement
- Suitable for Renault 1.5 and 1.9 dCi diesel and petrol engine



CONTENTS :

- A - crankshaft Locking Pin
- B - TDC Timing Pin
- C - camshaft/Crankshaft Locking Pin



RENAULT (Belt)

220 10 / 100

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)
MODEL: Megane 1.9 D/TD/TDi (95-03)
Scenic II 1.5 dCi (02-05)
Scenic 1.9 TD (95-99)
Petrol
Clio 1.8 (92-01)
Espace 2.0 (92-01)
Laguna 1.8 (92-01)
Megane, 2.0 (96-99)
R19 1.8 (92-01)
F3R Scenic 2.0 (96-99)

ENGINE CODE: **Diesel**
K9K
F8Q
F9Q
Petrol
F3P
F3R

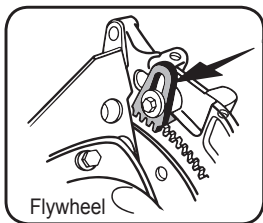


RENAULT

Petrol & Diesel Engine Flywheel Holding & Locking Tool

9AT3-E02

- Used to remove the crankshaft pulley when replacing the timing belt
- The pulley retaining bolt is fitted with high torque and the flywheel must be securely locked during installation / removal
- Jamming tools into the teeth of the flywheel will cause serious damage to both teeth and housing
- Suitable for petrol and diesel engine



64.2 / 25 / 100

Petrol 1.2 to 2.2 (Belt)

F3R, F7R, F7P, F3P, E7J

MODEL:

F8M and F8Q (early)

Diesel 1.50 to 2.50 TUD / XUD (Belt)

F3R, F7R, F7P, F3P, E7J, F8M and F8Q (early)

NISSAN

Diesel Engine Setting & Locking Tool Set

9AT2008E

- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

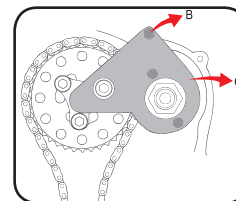
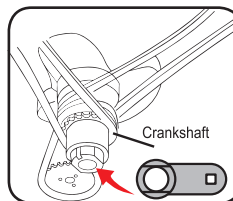


8 PC.



CONTENTS :

- A&H - camshaft gear alignment tool
- B&C - camshaft setting plate
- D - crankshaft locking pin
- E - auxiliary belt tensioner locking pin
- F - crankshaft pulley holding tool
- G - chain tensioner locking pin



2375.5 / 1 / 5

Primastar (08-09)

MODEL:

Qashqai (08-09)

X-Trail (07-08)

ENGINE

M9R

CODE:

780, 830, 832, 833

ROVER

Diesel Engine 2.0 / 3.0 Timing Set

9AT2007E

- The set includes camshaft setting plate, tensioner retaining pin set and flywheel locking pin
- Suitable for BMW 2.0 and 3.0 liters common rail diesel engines in BMW 3, 5 & 7 Series, X5, Land Rover Freelander, Range Rover, Rover 75, Vauxhall / Opel
- Use to check and adjust the timing position of camshaft and TDC position of crankshaft

1752.5 / 1 / 10

Diesel (chain)

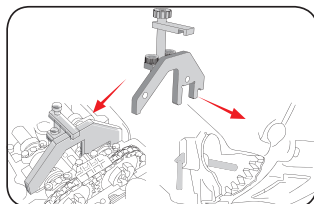
Rover

MODEL:

75 (99-05)

MG

MG ZT (01-05)



ENGINE

Diesel (chain)

CODE:

M47R (BMW)

7 PC.



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

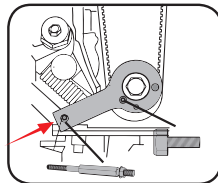
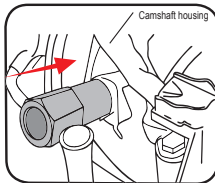


5
PC.



CONTENTS :

- A&D - crankshaft locking tools
- B - camshaft setting tool (pair)
- C - tensioner locking pin



1295.0 1 / 10

MODEL: Diesel 2.2D TID
9-3 (98-04), 9-5 (02-06)

ENGINE CODE: Diesel 2.2D TID
Z19DT / Z19DTH

SUZUKI

Petrol Engine Setting & Locking Set

9AT1004E

- The set includes camshaft setting plate, crankshaft locking pin, chain tensioner locking pin and also camshaft sensor aligning bracket
- The bracket is used to position the timing sensor disc on the inlet camshaft

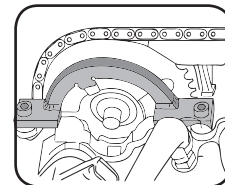
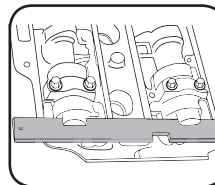


4
PC.



CONTENTS :

- A - camshaft sensor aligning bracket
- B - crankshaft locking pin
- C - camshaft locking tool
- D - tensioner retaining pin



1316.5 1 / 10

MODEL: Petrol 1.0 / 1.2 (Chain)
Wagon R+ (05-08)

ENGINE CODE: Petrol 1.0 / 1.2 (Chain)
Z10XEP
Z12XEP

SUZUKI

Diesel Engine Setting & Locking Set

9AT2004E

- The set includes flywheel locking pin, camshaft setting tools, tensioner locking pin
- Use to retain timing position only. DO NOT use them to hold camshafts in position while releasing or tightening the sprocket bolts

4
PC.



1100.5 1 / 10

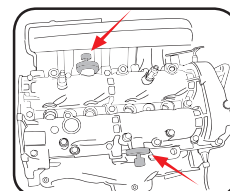
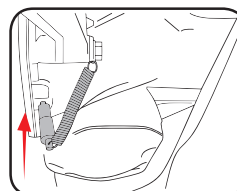
MODEL: Diesel 1.3 DDIS (Belt)
Swift (04-09)
Ignis (03-09)
Wagon R+ (03-08)

ENGINE CODE: Diesel 1.3 DDIS (Belt)
Z13DT



CONTENTS :

- A- camshaft setting tool set (pair)
- B- flywheel locking pin
- C- tensioner retaining pin



VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Twin Camshaft Setting & Locking Set - VAG 1.4 / 1.6 FSi (Chain)



9AT1103E

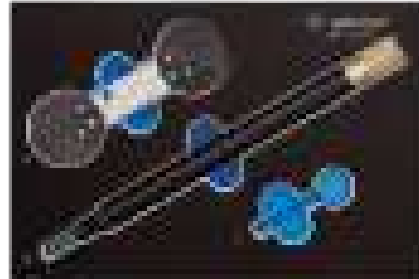
- The set includes camshaft setting plate, TDC position tool (with DTI) and tensioner locking pin
- 9AT1103 'B' TDC positioning tool has to use with 9AT3-F01(not included in this set)

1456.0 1 / 10

Audi
A3 (03-07)
Volkswagen
MODEL: 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)

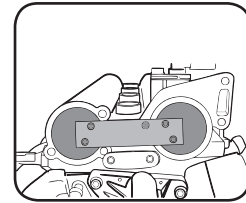
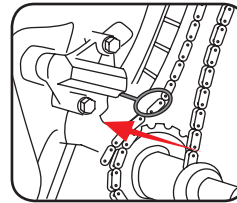
1.4 FSi
ENGINE CODE: AXU, BKG, BLN
1.6 FSi
BAG, BLF, BLP, BTS

3
PC.



CONTENTS :

- A - camshaft setting plate
- B - TDC position tool (with DTI)
- C - tensioner locking pin



VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Setting & Locking Set



9AT1104E

- The set includes a camshaft setting tool set (pair), camshaft setting tool and a flywheel locking pin
- Suitable for VW Group 1.2 engine range
- Use to adjust valve timing

1291.0 1 / 10

Seat
Ibiza / Cordoba (02-08)
Skoda
MODEL: Fabia (02-07)
Volkswagen
Polo (02-07), Fox (05-08), Eos (06-08)

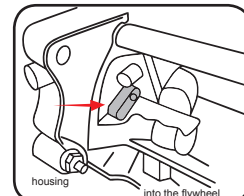
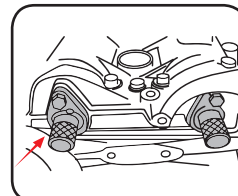
Petrol 1.2 6v (chain)
ENGINE CODE: AWY, BMD
Petrol 1.2 6v (chain)
AZQ, BME

4
PC.



CONTENTS :

- A - camshaft setting tool set (pair)
- B - flywheel locking pin
- C - camshaft setting tool



VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Diesel & Petrol Engine Timing Locking Set

- PETROL : 1.6 / 1.8 / 1.8T / 2.0 / 2.0 16v / 2.0FSI (Chain)
- DIESEL : 1.7 and 1.9D / DT / SDi / TDi (Belt)



9AT1012E

2037.2 1 / 5



MODEL:

PETROL / DIESEL :

Audi

80 (91-96), A3 (96-08), S3 (99-03)
A4 (95-08), A6 (94-08), TT (98-05)
Cabriolet (94-08)

Seat

Altea (04-08) Alhambra (95-04),
Arosa (98-05), Ibiza / Cordoba (93-02)
Inca (96-04), Leon (99-05), Toledo (94-08)

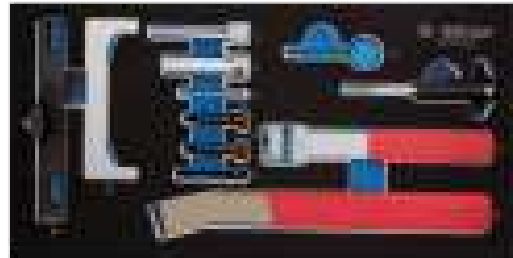
Skoda

Fabia (00-07), Octavia (96-07)
Superb (02-08)

VW

Beetle (99-08), Bora / Golf (94-08)
Caddy (95-06), Lupo (99-06)
Passat (96-08), Vento(92-97), Jetta(05-09)
Polo / Classic (95-02), Sharan (95-08)
Touran (03-08), Transporter (90-08)

- 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



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

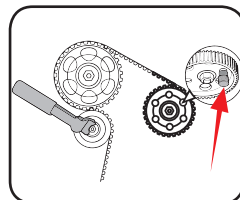
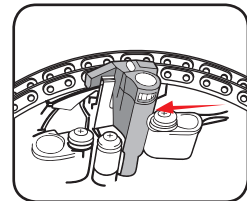
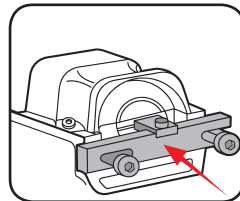
1.9TDI

1Z, AAZ, AFF, AFN, AGR, AHF, AHH,
AHU, ALE, ALH, ASV, AVG

ENGINE CODE:

CONTENTS :

- A&f - camshaft setting plate
- B - camshaft setting plate
- C - injection pump locking pin
- D - injection pump locking pin
- E - fan retaining bolt
- G - tensioner retainer
- H - tensioner lock pin
- I - tensioner retainer
- J - tensioner adjuster
- K - tensioner adjuster



VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Timing Set



9AT1306E

- The set includes camshaft setting plate, camshaft sprocket adjusting tool, tensioner adjusting tool, tensioner locking pin and crankshaft locking pin
- Suitable for Audi VAG 3.0 V6 petrol engine
- Use to replace timing belt and carry out timing tensioner applications

6
PC.



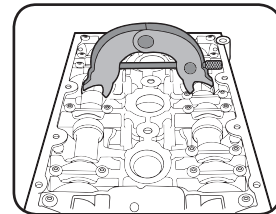
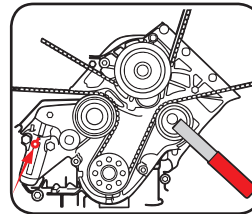
3667.5 1 / 5

MODEL: Audi
A4 (01-08), A6 (01-08), A8 (03-08)
Cabrio (03-08)

ENGINE CODE: ASN, AVK, BBJ

CONTENTS :

- A - camshaft setting plate (pair)
- B - crankshaft locking pin
- C - camshaft sprocket adjusting tool
- D - tensioner adjusting tool
- E - tensioner locking pin



VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Petrol Engine Setting & Locking Set



9AT1506E

- The set includes dial & TDC indicator and camshaft setting tool
- Suitable for 1.2T/1.4T FSI and 1.4/1.6 FSi engines
- Use to check and adjust engine timing

6
PC.



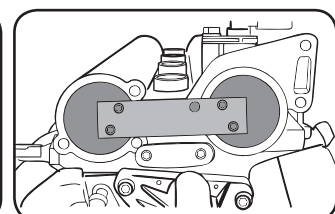
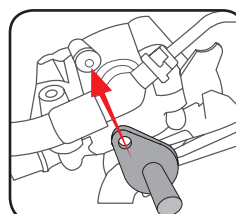
1856.0 1 / 10

MODEL: Audi
A1(10-12), A3(03-12)
Seat
Altea/Altea XL(08-12), Ibiza/Cordoba(08-12)
Leon(07-12), Toledo(07-09)
Skoda
Fabia II(07-12), Octavia II(04-12)
Roomster(06-12), Superb II(09-12)
Yeti(09-12)
VW
Caddy/ Caddy Maxi(10-12), Eos(06-12)
Golf(03-12), Golf Plus(03-12), Jetta(06-12)
Passat(05-11), Polo(02-12), Scirocco(08-12)
Tiguan(07-12), Touran(03-12)

ENGINE CODE: 1.2T FSI
CBZA, CBZB, CBZC
1.4T FSI
BLG, BMY, BWK, CAVA, CAVB, CAVC, CAVD
CAVE, CAVF, CAXA, CAXC, CDGA, CSMA
1.4 FSI
AXU, BKG, BLN
1.6 FSI
BAG, BLF, BLP, BTS

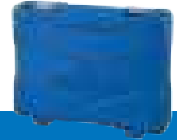
CONTENTS :

- A - camshaft setting plate
- B - TDC indicator
- C - camshaft setting tool
- D - crankshaft locking pin
- E - dial test indicator
- F - tensioner locking pin



VOLKSWAGEN GROUP AUDI/SKODA/VW/SEAT

Diesel Engine Setting & Locking Set - Pumpe Düse



9AT2012E

- The set includes crankshaft & camshaft locking tool, tensioner setting & adjusting tools
- Suitable for belt drive Pumpe Düse diesel engines of VW group vehicles and Ford (Galaxy)
- Use to set & lock engine to make sure timing is in the correct position during timing belt replacement
- Suggestion :
Check the engine is hydraulic or mechanical tensioner first. (Some of 1.2 1.4 1.9 engines were changed from hydraulic to mechanical.)

12
PC.



1845.0 1 / 10

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)

MODEL:

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

ENGINE
CODE:

1.2TDI PD

ANZ, AYZ

1.4TDI PD

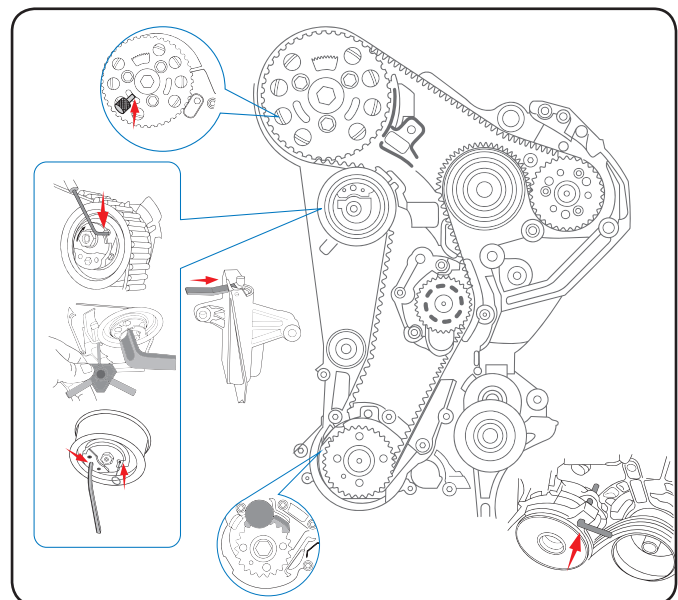
AMF, ATL, BAY, BHC, BMS, BNM, BNV, BWB

1.9TDI PD

AJM, AMG, ANU, ARL, ASZ, ATD, ATJ, AUJ,
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, AUJ



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



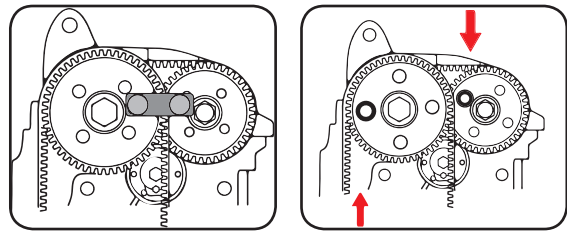
339.8 6 / 36

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)

MODEL:

ENGINE CODE:

AFK, AHW, AJV, AKQ, APE, AQQ, AUA, AUB,
AXP, ARC, ATN, AUS, AVY, AZD, ARR, BBY,
BBZ, BCA, BKY, BAD, BCB



Petrol Engine Chain Tensioner Retainer

9AT1-A04

- Use to hold the chain tensioner in position when removing or installing timing chain
- Suitable for a variety of VAG chain drive engines

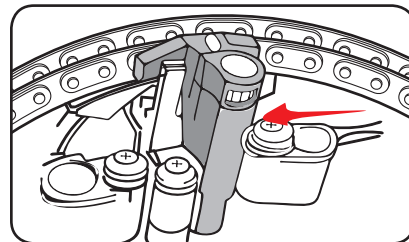


46.0 12 / 192

MODEL: A3, A4, A6, A8, S3, S4, TT, etc

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

ENGINE CODE:



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

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)

MODEL:

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

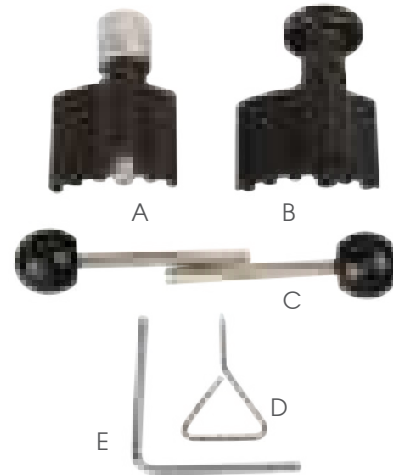
Seat

BJB, BKC, BLS, BMM, BXE

Skoda

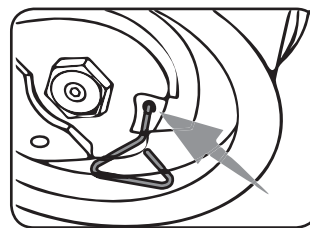
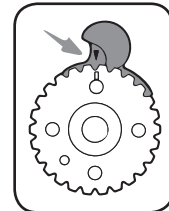
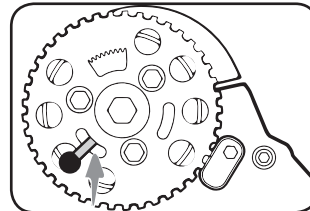
AMF, AZV, BKD

ENGINE
CODE:



CONTENTS :

- A - crankshaft locking tool (silver / oval)
- B - crankshaft locking tool (black / round)
- C - camshaft locking pins (2 pcs)
- D - tensioner pulley locking pin
- E - auxiliary belt tensioner locking Pin



VAUXHALL/OPEL

Petrol Engine Setting & Locking Set



9AT1002E

- The set includes camshaft setting tool and tensioner retaining pin
- Suitable for Vauxhall / Opel & Fiat engine
- Use to lock the camshafts on the correct timing position

2
PC.



1510.0 1 / 10

Petrol 2.2 16v. Twin Cams(Chain)

Astra-G (00-06)

Astra-H (06-09)

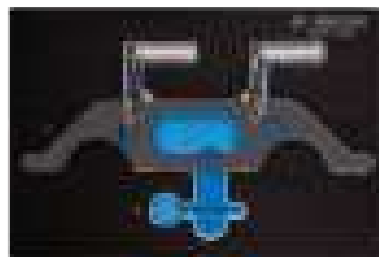
MODEL: Speedster / VX220 (00-06)

Vectra-B+C (00-08)

Signum (03-08)

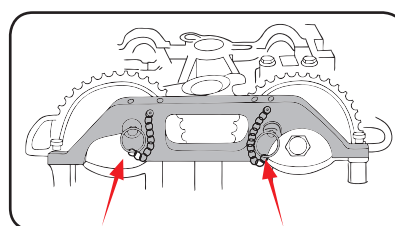
Zafira-A+B (00-09)

ENGINE CODE: Z22SE, Z22YH



CONTENTS :

- A - camshaft setting tool
- B - tensioner retaining pin



VAUXHALL/OPEL

Petrol Engine Setting & Locking Set



9AT1004E

- The set includes camshaft setting plate, crankshaft locking pin, chain tensioner locking pin and also camshaft sensor aligning bracket
- The bracket is used to position the timing sensor disc on the inlet camshaft

4
PC.



1316.5 1 / 10

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),

MODEL: Combo-C (04-07), Tigra-B (04-09),

Astra-G (98-06), Astra-H (04-09),

Meriva (04-09)

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.

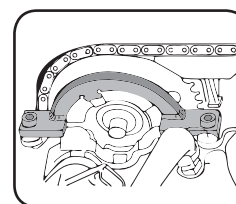
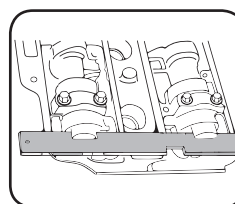
Z14XEL, Z14XEP

ENGINE CODE:



CONTENTS :

- A - camshaft sensor aligning bracket
- B - crankshaft locking pin
- C - camshaft locking tool
- D - tensioner retaining pin



VAUXHALL/OPEL

Petrol & Diesel Engine Tensioner Adjustment Wrench (Via Water Pump)

9AT1202

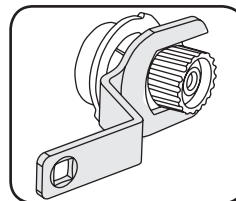
- The set includes 41mm and 46mm tension adjust wrench
- Suitable for Vauxhall / Opel and Chevrolet engine

694.4  /  6 / 24

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

MODEL:

9AT1202 - B(41MM)
Petrol / 1.2 / 1.4 / 1.6 S.O.H.C
Corsa B / C , Combo, Astra-F, Vectra-B
C12NE, X12SZ, C14NZ, X14NZ, C14SE
X14SZ, X16SZ, X16SZR, Z16SE



2
PC.



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

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)

MODEL:

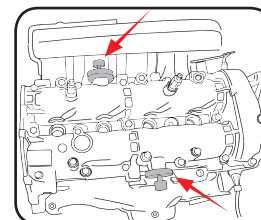
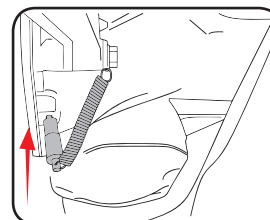
ENGINE CODE: **Diesel 1.3D CDTI (Chain)**
Z13DT, Z13DTH, Z13DTJ

4
PC.



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

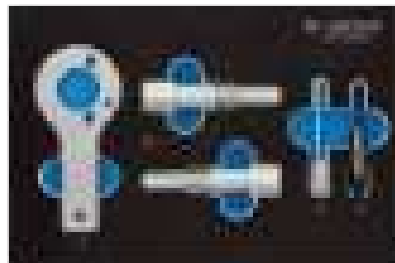
5
PC.



1295.0 1 / 10

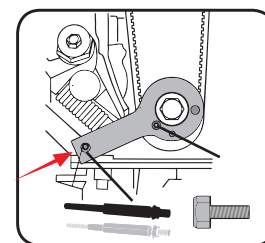
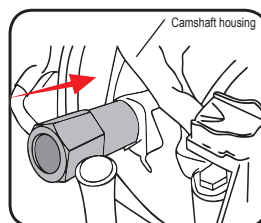
MODEL: Diesel 1.9D CDTi / 2.0D CDTi(Belt)
Astra-H (04-09), Vectra-C(04-08)
Signum (04-08), Zafira-B (05-09)
Insignia (08-09)

ENGINE CODE: Diesel 1.9D CDTi / 2.0D CDTi(Belt)
1.9CDTi
Z19DT, Z19DTH, Z19DTJ, Z19DTL
2.0CDTi
A20DT, LBS, A20DT, LBX, A20DT, LBV
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.



1752.5 1 / 10

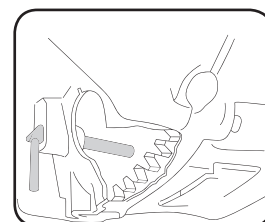
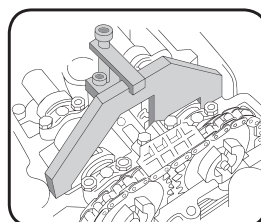
MODEL: Diesel (Chain)
Omega-B(01-03)

ENGINE CODE: Diesel (Chain)
Y25DT



CONTENTS :

- A - camshaft setting plate
- B - camshaft plate locking tool
- C - tdc timing pin
- D - tensioner retaining pin set (pair)
- E - flywheel locking pin



VAUXHALL/OPEL

Diesel Engine Setting & Locking Set



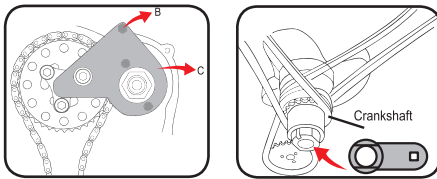
9AT2008E

- The set includes auxiliary belt tensioner locking pin, camshaft setting tools, crankshaft pulley holding tool, chain tensioner locking pin and crankshaft locking pin
- Suitable for 2.0 dCi chain drive engines of Renault, Nissan and Vauxhall / Opel

2375.5 1 / 5

MODEL: Vivaro (07-08)

ENGINE CODE: M9R
780/782/784



8
PC.



CONTENTS :

- A&H – camshaft gear alignment tool
- B&C – camshaft setting plate
- D – crankshaft locking pin
- E – auxiliary belt tensioner locking pin
- F – crankshaft pulley holding tool
- G - chain tensioner locking pin

VAUXHALL/OPEL

Diesel Engine 2.5TDS Timing Set



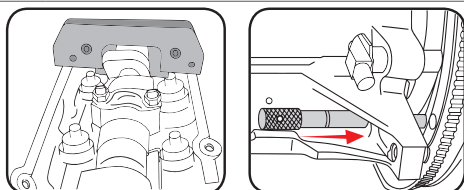
9AT2106E

- The set includes camshaft setting plate, tensioner lever, tensioner retaining pin, flywheel locking pin and pump remove & sprocket retainer
- Suitable for BMW, Land Rover and Opel engines
- Use to retain and support the sprocket and timing chains in position when the pump is removed

2480.0 1 / 5

MODEL: Omega-B (94-01)

ENGINE CODE: 2.5D Turbo (Chain)
X25DT



6
PC.



CONTENTS :

- A – camshaft setting plate
- B – tensioner lever
- C – flywheel locking pin
- D – tensioner retaining pin
- E – pump remove & sprocket retainer (2 part)

Diesel Engine Setting Tool (Belt Drive)

9AT2-A01

- The set includes flywheel locking pin, TDC timing pin and tensioner retaining tool
- Use for holding engine timing position when replacing timing belt
- Suitable for Fiat, Iveco, Renault, Citroen/Peugeot, Vauxhall/Opel

112.2 12 / 120

MODEL: 2.5D / 2.8D
Arena (97-01)
Movano (98-03)

ENGINE CODE: S8U
770, 772
S9W
700, 702



CONTENTS :

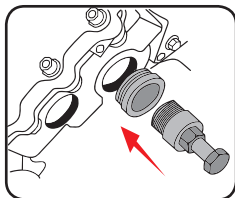
- A – TDC timing pin
- B – flywheel locking pin (2pc)
- C – tensioner retaining tool



Diesel Injection Pump Puller

9AT2-D01

- Specifically designed for holding the sprocket / chain in place when disassembling the VP44 injection pump and high pressure pump
- Common rail fits BMW engines



528.0 6 / 36

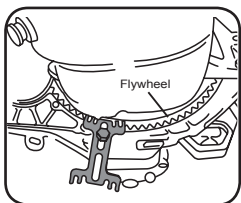
MODEL: Omega - B (01-03)

ENGINE CODE: Y25DT

Petrol Engine Flywheel Holding & Locking Tool

9AT2-E01

- Use to remove the crankshaft pulley while replacing the timing belt
- Put into the teeth firstly, fix steadily on the housing according to manufacturer's guidelines



38.8 20 / 100

MODEL: Astra (86-91)
Astra-F + G (91-98)
Ascona-C / Cavalier (86-88)
Vectra A (89-95)

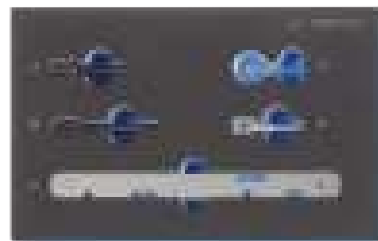
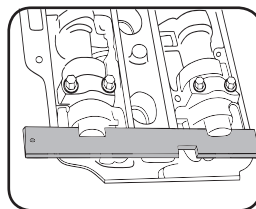
ENGINE CODE: 16DA, 17D, 17DR, 17DTL

VOLVO

Petrol Engine Timing Locking Set

9AT1005E

- The set includes revised design camshaft setting plate and tensioner locking pin
- Suitable for all later DURATEC petrol engine
- Use to ensure timing position is fixed and maintained correctly during engine timing application



CONTENTS :

- A - crank TDC location pin
- B - crank TDC location pin
- C - camshaft setting plate
- D - timing belt tensioner locking pin
- E - crank holding tool (+crank pulley bolt tightening)

1051.0 1 / 10

MODEL: 1.6 / 1.8 / 2.0 16v. Twin Cam (Belt / Chain)
S40 / V50 (04-09)
C30 (06-09)

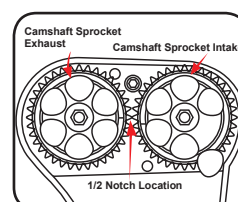
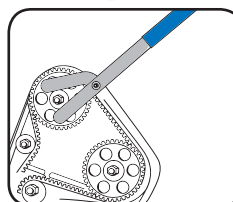
ENGINE CODE: 1.6 / 1.8 / 2.0 16v. Twin Cam (Belt / Chain)
1.3 16v
B4164S3(Belt)
1.8 16v
B4184S11(Chain)
2.0 16v
B4204S3(Chain)

UNIVERSAL Camshaft & Injection Pump Sprocket Holding Tool

9AT3-A01

- Use to counter hold camshaft or injection pump sprocket to release the retaining bolt
- For universal diesel and petrol engine

911.6 6 / 24



UNIVERSAL

Universal Camshaft Pulley Holding Wrench

9AT3-A02

- Use to hold camshaft pulley while loosening and tightening cam sprockets center bolt
- Designed with 4 pair groove pins 7, 10, 14, 16mm
- Adjustable swivel jaw both side application for most engine
- Capacity : 40 ~ 140mm (1-1/2" ~ 8-5/8")
- For universal engine, especially O.H.C. overhead cam engines cars

17.2 1000.0 1 / 6

9
PC.



UNIVERSAL

Camshaft Sprocket Puller

9AT3-A04

- Use to hold and remove the camshaft sprocket without damaging the sprocket
- Use with 3/8" square drive tool or 19mm wrench
- Suitable for most sprockets from Ø60 to Ø100 mm



KT NO.

Capacity
mm



9AT3-A04

60~100

1437

12 / 12

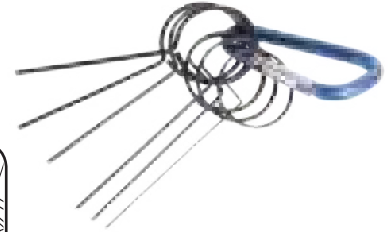
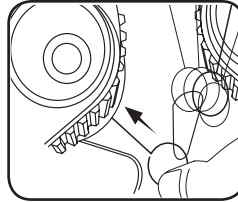
UNIVERSAL

Belt Tensioner Lock Pin Set

9AT3-B01

- Designed for retaining tensioner plunger in fixed position while replacing timing belt
- Suitable for common vehicle and engine

17.2 20 / 100



CONTENTS :

- 0.79mm / .0310"
- 1.21mm / .0476"
- 1.41mm / .0560"
- 1.51mm / .0594"
- 1.71mm / .0670"
- 1.92mm / .0760"

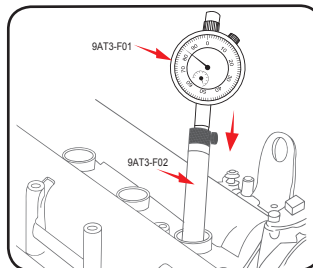
UNIVERSAL

Dial Test Indicator

9AT3-F01

- Use to measure and accurately find the piston TDC position
- This tool has to use with TDC Indicator 9AT3-F02
- It can be used for mechanical circularity, flatness.....etc

63.0 1 / 100



UNIVERSAL

TDC Indicator

9AT3-F02

- Use to measure if the cylinder piston is at TDC position
- This tool has to use with Dial Test Indicator 9AT3-F01

292.4 30 / 30



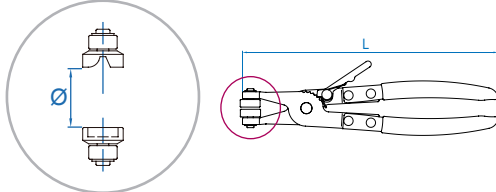


Hose Clamp	KT Item	Suitable Car Brand
    <p>Hose Clamp</p>	 <p>9AA11</p>  <p>9AA13</p>  <p>9AA16</p>  <p>9AA21</p>  <p>9AA31</p>  <p>9AA32</p>	<p>Universal VW(Intake), VW, Audi, Opel, Honda, Ford</p>
   <p>Hose Clamp</p>	 <p>9AA17</p>	<p>VW, Audi, Seat, Skoda, Lamborghini</p>
 <p>CLIC Clamp</p>  <p>CLIC-E Clamp</p>  <p>CLIC-R Clamp</p>  <p>CLIC-GR Clamp</p>	 <p>9AA15</p>  <p>9AA25</p>	<p>VW, Audi, Citroen/Peugeot, Fiat, Mercedes-Benz, Opel, Renault, Ford, Volvo</p>
 <p>Screw Clamp</p>  <p>Worm Drive Clamp</p>	 <p>1453-05 / 1453-06 / 1453-07 1453-08 / 1453-10</p>	<p>Universal</p>

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

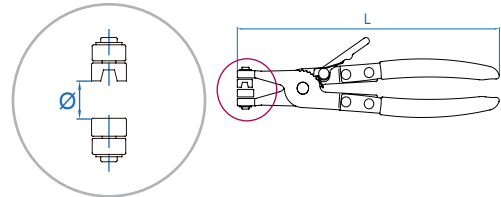
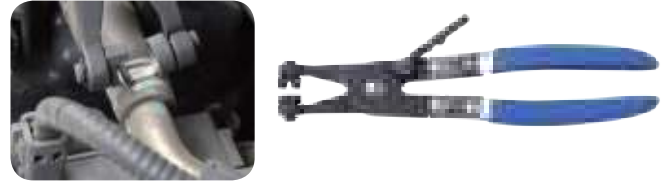


KT NO.	Ø mm	inch	L mm		
9AA11	55	8-21/32	220	220.1	12 / 72

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

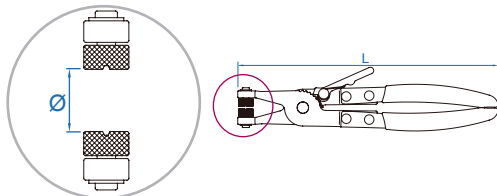


KT NO.	Ø mm	inch	L mm		
9AA16	60	8-21/32	220	213.0	12 / 72

Wire Hose Clamp Pliers

9AA13

- Use to remove and install wire clamp
- Swivel jaws
- Suitable for universal cars, especially Corbin heater hose

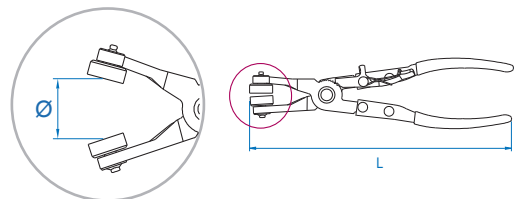


KT NO.	Ø mm	inch	L mm		
9AA13	51	8-21/32	220	238.4	12 / 72

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



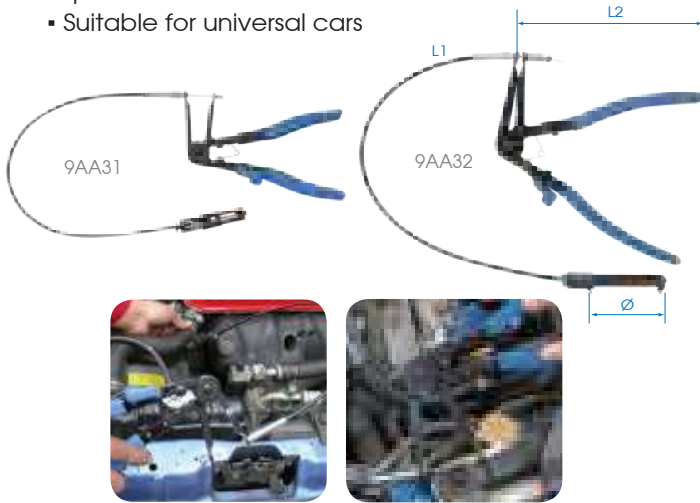
KT NO.	Ø mm	inch	L mm		
9AA21	53	8-21/32	220	224.0	12 / 48



Flexible Hose Clamp Pliers

9AA31

- Use to remove and install spring clamp
- Flexible flat jaw with greater access in confined spaces
- Suitable for universal cars



KT NO.	Ø mm	Inch	L1 mm	L2 mm	mm	mm	mm	mm
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	Inch	L mm	mm	mm	mm
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

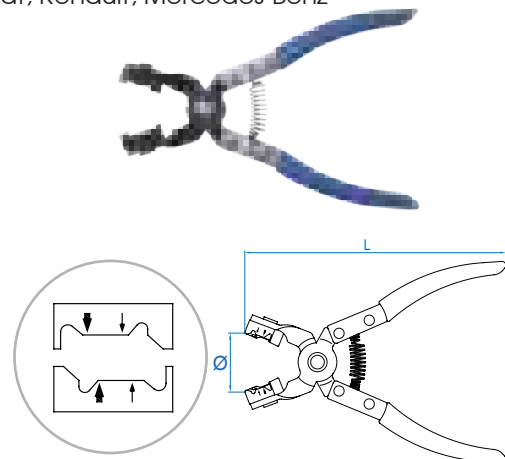


KT NO.	Ø mm	Inch	L mm	mm	mm	mm
9AA15	36	5-19/32	142	222.6	12	72

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	Inch	L mm	mm	mm	mm
9AA25	32	7	175	224.0	12	72

Hose Clamp Pliers Set

9AA01

- Applicable to most hose clamps of flat band, worm drive and CLIC type
- Use for removing and installing common hose clamp type
- The set includes KT items:
 9AA13 - Wire Hose Clamp Pliers
 9AA16 - Flat Band Hose Clamp Pliers
 9AA17 - Fuel Line Pliers
 9AA21 - Curved Hose Clamp Pliers
 9AA25 - 360° CLIC Hose Clamp Pliers
 9AA31 - Flexible Hose Clamp Pliers
 1453 - Flexible Hex Nut-Driver (05,06,07,08,10mm)



11
PC.

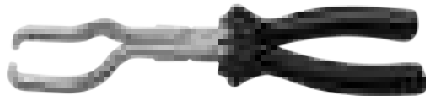
3680.0 1 / 5

Fuel Line Pliers

9AB11



- Improved type can also use for fuel lines with plastic snap-together connectors
- Use for VW-Audi, Fiat, GM, Opel/Vauxhall, Mercedes-Benz

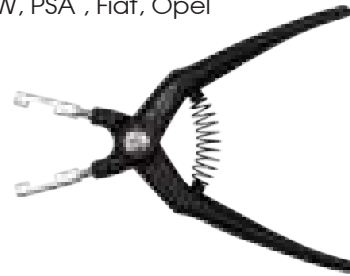


KT NO.	inch	L	mm		
9AB11	9		228	312.0	12 / 72

9AB12



- For removal and replacement of the connections on the in-line fuel filter
- Use for VW, PSA, Fiat, Opel



KT NO.	inch	L	mm		
9AB12	6		150	87.0	12 / 144



Piston Ring Compressor

9AC

- The square adjustment key wrench forces the rings into the grooves and the clutch prevents it from expanding

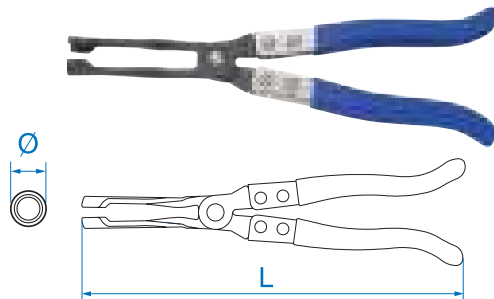


KT NO.	H		Ø Capacity		Scales	Box / Carton
	inch	mm	inch	mm		
9AC125-32	3-1/4	80	2-1/4~5	57~125	260.0	20 / 60
9AC125-40	4	100	2-1/4~5	57~125	280.0	20 / 60
9AC175-32	3-1/4	80	3-1/2~7	90~175	300.0	20 / 60
9AC175-40	4	100	3-1/2~7	90~175	320.0	20 / 60
9AC175-66	6-3/4	165	3-1/2~7	90~175	530.0	20 / 60

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		Ø mm	Scales	Box / Carton
	inch	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

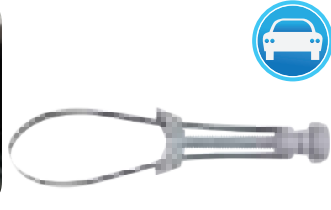


KT NO.	Ø Capacity mm	Scales	Box / Carton
9AE31-85	73~85	283.4	6 / 36
9AE31-95	85~95	300.0	6 / 36
9AE31-111	95~111	306.8	6 / 36
9AE31-121	110~121	309.0	6 / 36
9AE31-134	120~134	321.6	6 / 36

Band Type Oil Filter Wrench

9AE32

- Adjustable metal band
- Suitable for filters between $\varnothing 65\text{mm}$ to $\varnothing 155\text{mm}$



KT NO.	\varnothing 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.	\varnothing Capacity mm		
9AE33-110	65~110	305.4	25 / 50
9AE33-155	110~155	311.0	25 / 50

9AE33-110-S



6 PC.

KT NO.	Contents		
9AE33-110-S	9AE33-110	2.70	1 / 2

9AE33-155-S



6 PC.

KT NO.	Contents		
9AE33-155-S	9AE33-155	2.70	1 / 2

Strap Wrench

3203

- Strap wrench for oil filter



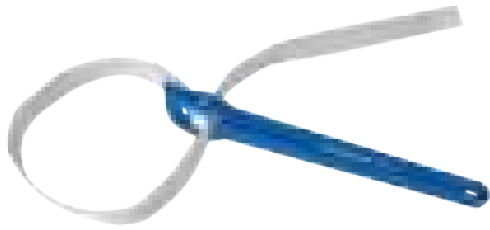
KT NO.	Capacity mm	Overall length inch	Overall length mm		
3203	$\varnothing 60\sim 140$	8-3/4	223	242.0	50
320300	strap			46	80
3203A0	$\varnothing 60\sim 260$	8-3/4	223	300.0	45
320300	strap			73	80



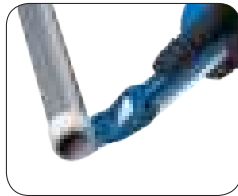
Strap Wrench

320670

- Aluminum alloy handle and strong nylon strap for tight grip
- Suitable for oil filter or any polished pipe



Serrated makes grip tight



KT NO.	Overall length		Capacity mm	Scales	Weight
	inch	mm			
320670	12	295	∅ 60~180	343.8	50
320600	nylon strap			34.6	50

320760

- Strap wrench for oil filter
- Use with 1/2" square drive tool



KT NO.	Overall length		Capacity mm	Scales	Weight
	inch	mm			
320760	11	280	∅ 60~160	255.5	12 / 72

Chain Wrench

3204

- Chain wrench for oil filter



KT NO.	Capacity mm	Overall length		Scales	Weight
		inch	mm		
3204	∅ 60~140	8-3/4	225	359.0	50

Chain Wrench

3205

- Heavy duty oil filter chain wrench, specially for auto, truck and agricultural equipment
- Flexible in confined space
- Suitable for all types of oil filters



Adjust to appropriate size of the oil filter.



Release the chain to reinstate it.



KT NO.	Capacity mm	Chain length mm	Scales	Weight
320560	∅ 60~160	520	880.0	6 / 24

Cup Type Oil Filter Wrench

9AE1

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters

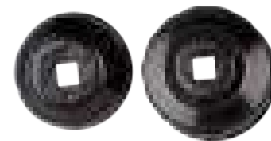


KT NO.

9AE1-6414	64mm(2-1/2)-14 flutes TOYOTA 4 Cylinder (1800CC.2000CC) ,ALLION, AURIS, COROLLA AXIO, ISIS, IST, COROLLA RUMION, COROLLA FIELDER, NOAH, PREMIO, PRIUS, VOXY, WISH, etc...	164.2	12 / 72
-----------	--	-------	---------

9AE6

- 1/2" square drive
- Withstands up to 115.2 Nm(85 ft.lbs)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters



KT NO.

9AE6-6514A	65mm(2-9/16")- 14 flutes Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc...	112	12 / 72
9AE6-7414	74mm(2-29/32")-14 flutes Audi, Volkswagen, BMW, Citroën, Peugeot, Ford, Fiat, Lancia, Mazda, Mercedes-Benz, Nissan, Vauxhall, Opel, Porsche, Renault, Suzuki, Toyota, etc...	152.8	12 / 72
9AE6-8414	84 mm(3-3/10")-14 flutes Mercedes Benz V6/V8 CDi models, etc...	194.2	12 / 72

Cup Type Oil Filter Wrench Set

9AE2002

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs.)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters



2
PC.

KT NO.

Applicable models



282.0



1 / 40

9AE2-6514	65mm(2-9/16")- 14 flutes Fits Nissan, Fiat Champ, Hasting. GM/AC, Wix, NAPA, Purolator, Daihatsu, Toyota, Nissan, etc...
9AE2-6567	65 & 67mm(2-9/16" & 2-21/32")-14 flutes Fits same filters as made in Canada including, PH4386, PH4967, PH6017, PH6018, Daihatsu, Toyota, etc...



Cup Type Oil Filter Wrench Set

9AE2004

- 3/8" square drive
- Withstands up to 115.2 Nm(85 ft.lbs)
- Coated with electro-black oxide finish for protection against rust
- Cup-type design, reduce the possibility to damage oil filters

4
PC.



KT NO.

571.0 1 / 20

9AE2-6606 66 mm(2-19/32")-6 flutes
Fiat (Punto, 1.2), Renault (Clio 1.2 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 (l.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 97 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. Safrane 2.2D. 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 (Clio 1.2 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, Rapid 1.9D, 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, Cromo, 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")-15 flutes 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, Safrane 2.2D, Espace 2.2D, 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

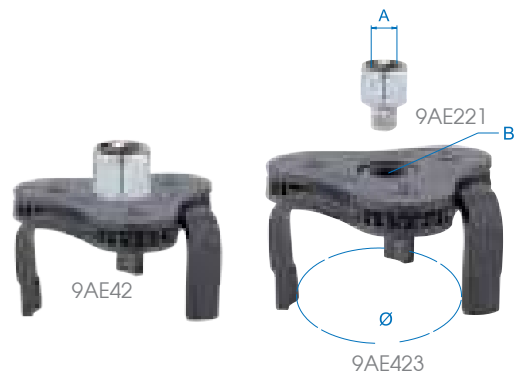


Three-Legs Oil Filter Wrench

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**

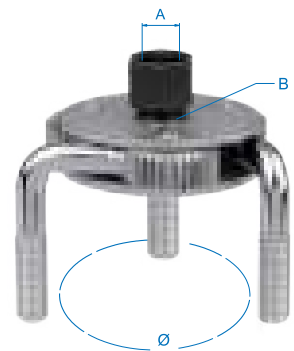
KT NO.	A		B		Ø Capacity		mm	g	kg	/
	inch	inch	inch	inch	inch	mm				
9AE42	1/2	3/8	2-1/4~4	63~102	395.0	12 / 48				
9AE221	1/2	3/8	-	-	39.0	-				
9AE423	-	3/8	2-1/2~4	63~102	356.0	12 / 48				
9AE433	-	3/8	2-9/16~4-23/32	65~120	501.6	12 / 36				



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		B		Ø Capacity		mm	g	kg	/
	inch	inch	inch	inch	inch	mm				
9AE43	1/2	3/8	3~4-3/4	75~120	603.5	1 / 36				

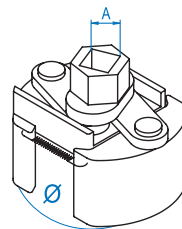


Two Jaws Oil Filter Wrench

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 using with 1/2" square drive tool
- Lost wax coating with electro-black oxide finish for protection against rust
- Specially teeth designed steel jaws

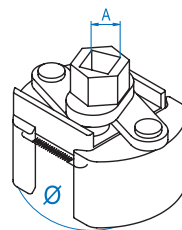
KT NO.	A		B		Ø Capacity		mm	g	kg	/
	inch	inch	inch	inch	inch	mm				
9AE52	1/2		2-3/8~3-1/8	60~80	470.0	12 / 48				



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		B		Ø Capacity		mm	g	kg	/
	inch	inch	inch	inch	inch	mm				
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		Ø Capacity mm	Scales	Box/Kit
	inch	mm			
9AE71-90	9	230	60-90	357.2	12 / 72
9AE71-115	10	260	85-115	400.4	12 / 60
9AE71-140	14-1/2	365	100-140	897.4	1 / 20



Locking Grip Oil Filter Pliers

9AE72

- Lock and grip oil filters or any irregular shaped object for quick tightening or removal
- Use for adjusting and fastening at any angle

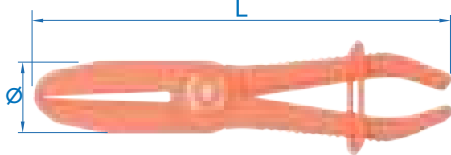
KT NO.	L		Ø Capacity mm	Scales	Box/Kit
	inch	mm			
9AE72	10	254	53-118	458	12 / 48



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		Ø Capacity mm	Scales	Box/Kit
	inch	mm			
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.



Steel Line Stopper Set

9AF204

- Use to prevent fluid leaks and contamination
- Spring loaded design for stopping the flow of fuel / brake fluid of car pipe
- Capacity :
Banjo, 5/16"(8mm), 3/8"(9.5mm), and 1/2"(12.7mm)

156 24 / 48



4
PC.



Fuel Gauge & Pump Sender Collar Wrench

9AG11

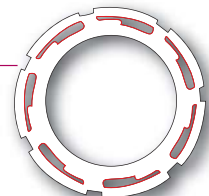
- Use for removing and fitting fuel gauge sender collars to avoid damage
- 3 jaws to ensure high torque and no risk to damage plastic collar
- Use with 19mm wrench or socket
- Suitable for most collars from 89 to 170mm



KT NO.	∅ mm		
9AG11	89~170	1050.0	1 / 12

9AG12

- Use for removing and fitting fuel gauge sender collars to avoid damage
- 4 pins to ensure high torque and no risk to damage plastic collar
- Suitable for BMW F01/F02/F25, X3 etc...



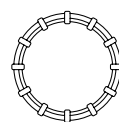
KT NO.		
9AG12	1050.0	1 / 12

Adjustable Fuel Tank Lid Remover

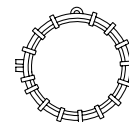
9AG13

- Use for removing and fitting fuel gauge sender collars to avoid damage
- Special jaws design, no risk to damage plastic collar
- Use with 3/8" DR.
- Suitable for collars from 122 ~ 199mm

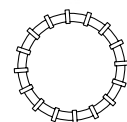
560.0 1 / 24



BMW



BENZ



VW . AUDI
BENZ . BMW

Diesel Injector Extractor Tool

9AN021

- Use to remove injectors without dismantling the engine
- Suitable for Bosch injectors in Mercedes-Benz CDI engines 2.1 L and 2.2 L
- Application : Benz for Vito, Sprinter, Viano, C class, E class, CLC, CLK

1.31 2 1/6

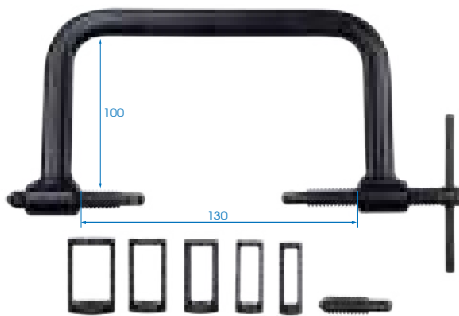


Valve spring compressor set

9AH31

- Use for compress of motorcycle or small engines valve spring
- Adapter size : 16mm, 19mm, 23mm, 25mm and 30mm.
- Capacity : 130mm.
- Throat depth : 100mm

1.31 1/12



Valve Spring Compressor Set

9AH12

- Complete service tool set for OHV & OHC petrol or diesel engines on Audi, Nissan, Toyota, Chrysler, Honda, Mazda, Mitsubishi, Saturn, Lexus, Hyundai, Infiniti, Porsche, Volvo, VW

3.75 1/5

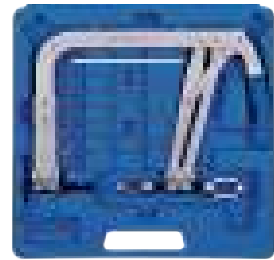
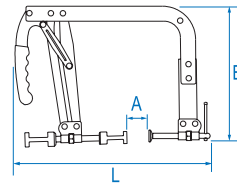
10 PC.



9AH025

- Suitable for large engines & diesel engines
- Capacity: 35~140mm
- Unique direct action compressor lever gives improved visibility & ease of using in areas of difficult access. Dual size in 25 and 30mm adapter

5 PC.



KT NO.	A mm	B mm	L mm	1.31	1/5
9AH025	35~140	280	390	4.56	1 / 5

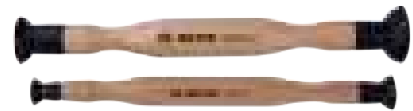
Valve Lappers

9AH0311

- For hand lapping valves

0.1 12 / 108

2 PC.



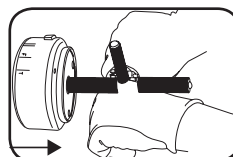
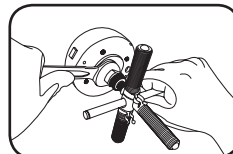
KT NO. Diameter Cups Size

9AH0311	1-1/8" (29mm) 5/8" (16mm)	1-3/8" (35mm) 13/16"(21mm)
---------	------------------------------	-------------------------------

6 in 1 Fly Wheel Puller

9XAHI new

- This tool is designed to offer 6 different sizes for the Flywheel wheel rings on motorcycles.
- Sizes include: M20 x 1.5R / M14 x 1.5R / M16 x 1.5R / M18 x 1.5R / 1 M24 x 1.0R / M27 x 1.0L



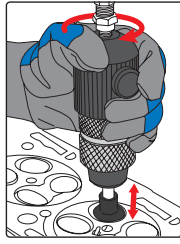
KT NO.	N.W (kg)	G.W (kg)	CUFT
9XAHI	17.5	19	0.9



Heavy Duty Air Valve Lapper Set

9AH0321

- Design for operating in tough environments
- Adjustable speed regulator for precise control during operation
- Complete with rubber caps of 20mm, 30mm, 35mm and 45mm



5
PC.

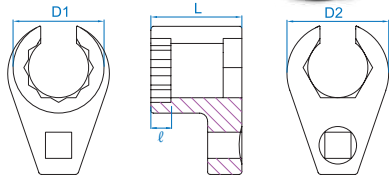
KT NO.	Free Speed R.P.M	Pistone Stroke inch mm	Overall Length inch mm	Air Inlet inch	Air Hose ID	Average Air Consumption Cfm L/min		
9AH0321	5600	1.1 29	9.0 228	1/4	3/8	2.5 71	1.82	1 / 10

Lambda Oxygen Sensor Socket

9AJ3122

3/8"

- For installing and removing the oxygen sensor
- Offset design for confined areas

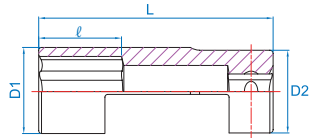


KT NO.		D1 mm	D2 mm	l mm	L mm		
9AJ3122	22	34	38	8	34	178.0	1 / 100

9AJ4322

1/2"

- For lambda probes
- Featuring a slot for the connecting lead



KT NO.		D1 mm	D2 mm	l mm	L mm		
9AJ4322	22	32	30	30	85	294	5/60

Lambda Oxygen Sensor Socket Set

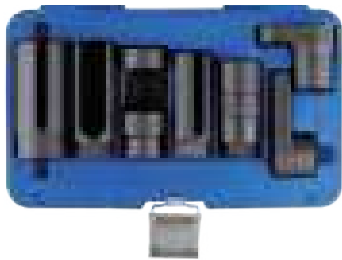
9AJ017

3/8"+1/2"

- 7 PC. special sockets for removal lambda / oxygen sensors
- Suitable for most vehicles : Volkswagen, BMW, PSA, Mercedes-Benz, Ford, etc...

2.33 1 / 10

7
PC.



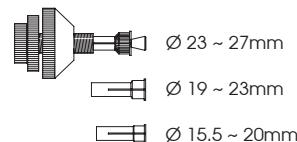
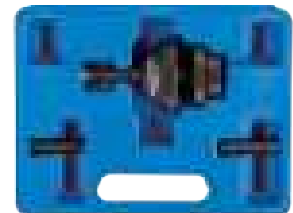
KT NO.	Part.		Size	
9AJ4229			1/2"	29
9AJ3322			3/8"	22
9AJ4227			1/2"	27
9AJ3222			3/8"	22
9AJ3127			3/8"	27
9AJ4122			1/2"	22
9AJ3122A			3/8"	22

Universal Clutch Aligner Set

9AK11

- Designed to make alignment and assembly of clutch
- Specially designed for those vehicles equipped with late-model front wheel drives without pilot bearing in flywheel

3
PC.



KT NO.			
9AK11	15.5~27	0.6	1 / 20

Self Adjusting Clutch Alignment Setting Tool Set

9AK21

- Prevent damage to system and to keep adapter ring in right position
- Necessary for pre-tensioning self adjusting clutches before removal or installation, avoiding clutch deformation
- Prevents plate distortion
- Suitable for most SAC(Self Adjusting Clutches 3 and 4 holes) equipped on vehicles of FIAT GROUP, VW-AUDI, BMW, MERCEDES, VOLVO, OPEL, RENAULT etc

10.75 1/2

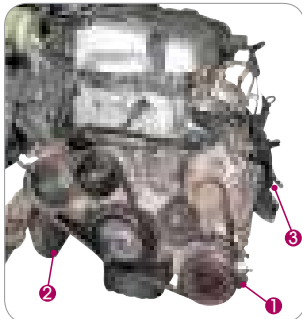
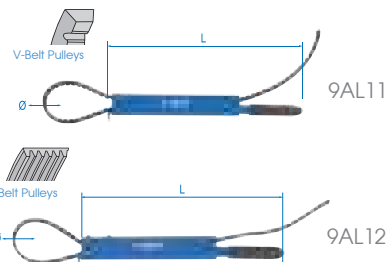


Pulley Removing Wrench

9AL

- To lock the pulley during removing or assembling any type of pulley retaining bolt

KT NO.	inch	L mm	∅ mm	kg	1/2
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

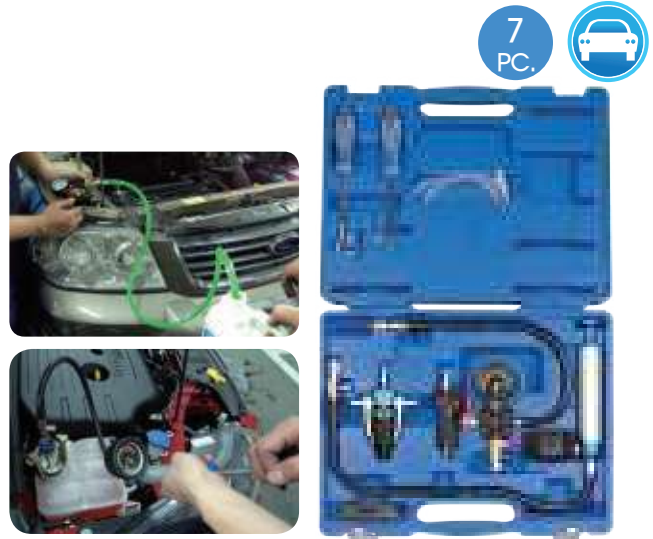
9AM01

- 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	1/2
9AM010	Japan	3.4	1 / 5
9AM011	USA	3.4	1 / 5
9AM012	Europe	3.4	1 / 5



DO NOT open the radiator cap on a hot engine



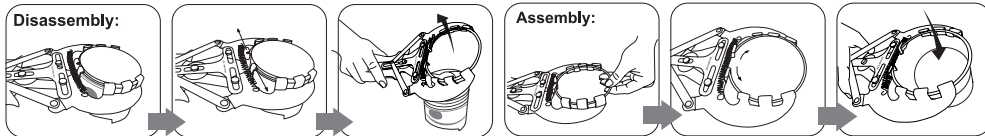
Piston Ring Pliers

9AP

- For removing and mounting piston rings
- Nickel plated



KT NO.	L		Ø Capacity mm	Scales	Box/Cube
	inch	mm			
9AP100	8-11/32	212	50~100	323.0	12 / 48
9AP120	8-15/16	227	80~120	354.0	12 / 48
9AP160	9-61/64	253	110~160	458.0	12 / 48



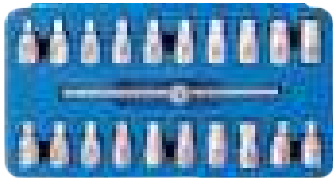
Oil Drain Plug Key Set

9AR11

- Suitable for sump plugs on engine, gearbox and back axle
- Contents:
 - Hex key socket: H8, H9, H10, H12, H13, H14, H17 mm
 - Square socket: 5/16", 3/8", 7, 8, 10, 11, 12, 13, 14 mm
 - Torx socket: T45
 - Triangular socket: 10mm
 - Spline (TAMPER) socket: M16
 - Square drive socket: 10mm
 - 3/8" drive sliding T-handle

21 PC.

Weight: 1.70 kg Box/Cube: 1 / 10

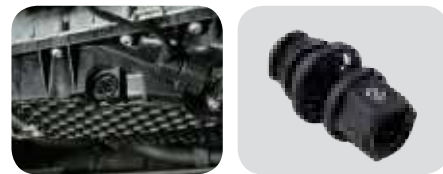


Plastic Drain Plug

9AR29-S new

- Suitable for VW, Audi, Skoda, Seat 1.2/1.4/1.8/2.0 TFSI oil drain plug and 1.6/2.0 TDI diesel engines cam cover plug.
- Use with removal tool 9AR21.
- OEM numbers 06L 103801.

Weight: 12.9 g Box/Cube: 1 / 144



Drain Plug Removal Tool

9AR21 new

- Use for removing and installing of the plastic oil drain plug on the latest VAG vehicle
- 3/8" DR and HEX 17 mm
- For VW, Audi, Skoda, Seat 1.2/1.4/1.8/2.0 TFSI oil drain plug and 1.6/2.0 TDI diesel engines cam cover plug

Weight: 20.0 g Box/Cube: 12 / 288



Diesel Injector Puller Set

9AS11

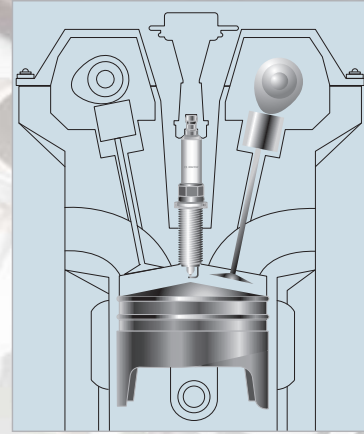
- The set contains M8, M12, M14, M17 adaptor
- Suitable for various vehicles with Bosch and Lucas type diesel injectors
- Remove stubborn diesel injectors easily and quickly
- New M17 adaptor for GM Vauxhall / Opel injectors X20DTH / Y20DTH series engines

Weight: 1.11 g Box/Cube: 1 / 20



Why spark plugs need torque tightening ?

1. Modern engines cylinder heads are made of aluminium alloy
2. A correct factory-set gaps can provide best performance



Cylinder head material	Thread diameter (mm)				
	M8	M10	M12	M14	M18
Cast iron	-	10~15 Nm	15~25 Nm	25~35 Nm	35~45 Nm
Aluminium	8~10 Nm	10~12 Nm	15~20 Nm	25~30 Nm	35~40 Nm

• Suggested torque for spark plugs with gasket, always follow factory owner's manual

3/8" Spark Plug Sockets

3/8"	Size (inch)	Size (mm)	Type	Socket L(mm)			
				63	70	90	250
	9 / 16	14	6 pt Rubber	36B514			
			12 pt Rubber	36B014		36C014	36D014
			6 pt Metal clip	367514			
			12 pt Metal clip	367014			
	5 / 8	16	6 pt Rubber		363516		
			12 pt Rubber		363016		
			6 pt Magnet		366516		
			12 pt Magnet		366016		
	23 / 32	18	12 pt Rubber	36B018			
			6 pt Metal clip	367518			
			12 pt Metal clip	367018			
	13 / 16	20.8	6 pt Rubber		363521		
			12 pt Rubber		363021		
			6 pt Magnet		366521		
			12 pt Magnet		366021		

1/2" Spark Plug Sockets

1/2"	Size (inch)	Size (mm)	Type	Socket L(mm)
				70
	9 / 16	14	6 pt Rubber	463514RC
			12 pt Rubber	463014RC
	5 / 8	16	6 pt Rubber	463516R
			12 pt Rubber	463016R
			6 pt Magnet	466516
			12 pt Magnet	466016
	23 / 32	18	6 pt Magnet	
	13 / 16	20.8	6 pt Rubber	463521R
			12 pt Rubber	463021R
			6 pt Magnet	466521
			12 pt Magnet	466021

Torque Wrench & Accessory

KT NO.	Gear Teeth	Square Drive	Torque Range in. lb. / ft. lb.	Incr.	Torque Range Nm	Incr.
34362-1CG	24	3/8"	40~200 in. lb.	1 in. lb.	5.1~22.0 Nm	0.12 Nm
34362-2CG	32	3/8"	15~80 ft. lb.	0.5 ft. lb.	23.7~105.1 Nm	0.7 Nm
KT NO.	Gear Teeth	Square Drive	Torque Range Nm	Incr.		
34362-2DG	32	3/8"	20~100 Nm	0.5 Nm		
34362-3DG	32	3/8"	10~60 Nm	0.5 Nm		
KT NO.	Square Drive	Torque Range Nm	Torque Range ft. lb.	Total Length kgf.m		
34307-1A	3/8"	27~135 Nm	19.9~99.6 ft. lb.	2.75~13.76 kgf.m		
1/2" drive (M)	3/8" drive (F)	KT NO.	Spec.			
		3814	3/8"Fx1/2"M			



Spark Plug Rethreader Set

11305SQ new

- Spark plug rethreader set is used for rethreading damaged spark plug threads in aluminum cylinder heads



KT NO.	Size mm	Type inch		
11305SQ	14	3/8, 7/16, 1/2, 3/4	13	12 / 72

Double Size "L" Handle

1586

- Material : Chrome vanadium alloy steel
- For oil plug



KT NO.	Overall length inch	mm	Size inch	mm		
1586-09	9	230	5/16 x 3/8	8 x 10	320.0	6 / 48

1596

- Material : Chrome vanadium alloy steel
- For oil plug



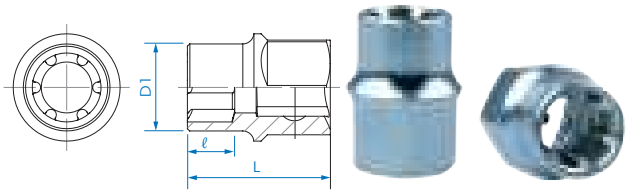
KT NO.	Overall length inch	mm	Size inch	mm		
1596-09	9	230	3/8 x 3/8	10 x 10	290.0	6 / 48

Ribe Socket M10S

9AW4911

1/2"

- 6 points
- Use for replacing and removing idler pulley center screw on TOYOTA ALTIS



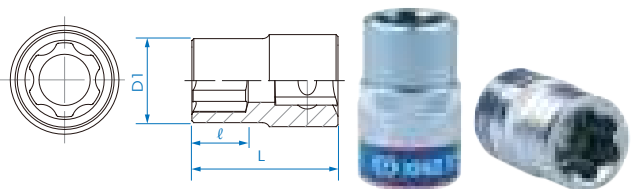
KT NO.	D1 mm	l mm	L mm		
9AW4911	19	10	33.8	16	10 / 200

Ribe Socket M12S

9AW4901

1/2"

- 6 points
- Use for replacing and removing engine head screw and flywheel center screw on NISSAN models



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

Bearing Race and Seal Driver Set

9BA11

- Quick and easy to insert bearing race
- Collars fit most standard wheel bearing sizes
- Helps reduce damage to both race and axle housing

- 9 collar sizes:

- (1) 1.574"/40mm
- (2) 1.732"/44mm
- (3) 1.968"/50mm
- (4) 2.322"/59mm
- (5) 2.480"/63mm
- (6) 2.559"/65mm
- (7) 2.834"/72mm
- (8) 2.992"/76mm
- (9) 3.189"/81mm

1.8 1 / 10

10 PC.



Universal Bearing Ring Puller



9BA41

- Three jaws with the thin edge provide an equal grip tension to avoid any slide or tilt
- Suitable for all kind of bearing and sleeves diameter up to 125mm
- Applicable: For universal vehicles

KT NO.	Ø Capacity mm		
9BA41	10~125mm	3.6	1 / 4



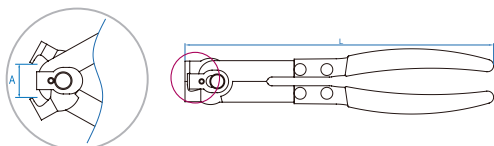
- Adjustable slide knob for quick control locking

Hose Clamp	KT Item	Suitable Car Brand
<p>CV Boot Clamp</p>	<p>9BB11</p>	VW, Audi, BMW, Ford, GM, Opel, Nissan, Mercedes-Benz, Mazda, Honda, Chrysler, Citroen, Seat
<p>Ear Clamp</p>	<p>9BB12</p>	
<p>CV Boot Clamp</p>	<p>9BB13</p>	
<p>CV Boot Clamp</p>	<p>9BB31</p>	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

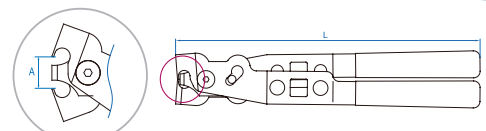


KT NO.	inch	L mm	A max mm		
9BB11	10	260	22.5	364.4	12 / 48

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



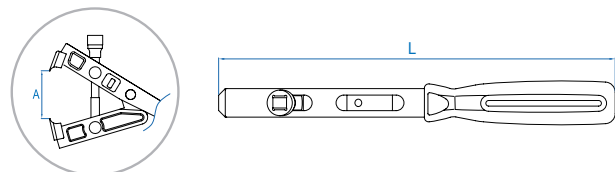
KT NO.	inch	L mm		
9BB12	9-1/2	235	512.4	6 / 36



CV Boot Clamp Pliers with Socket

9BB13

- Use to remove and install stainless CV boot clamp
- Can be used with 3/8" flexible handle bar or torque wrench
- Suitable for Audi, Opel, Citroen, SEAT, BMW, Mercedes-Benz, Honda, Nissan, Mazda, Ford, GM, Chrysler

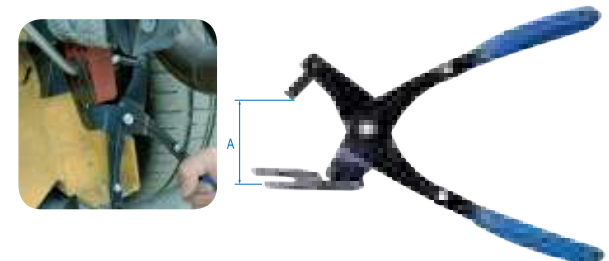


KT NO.	inch	L mm	A max mm		
9BB13	11	278	45	887.8	6 / 24

Exhaust Pipe Hanger

9BP11

- Use to remove rubber holders from exhaust brackets
- Suitable for general vehicle types

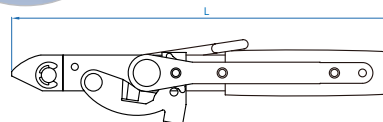
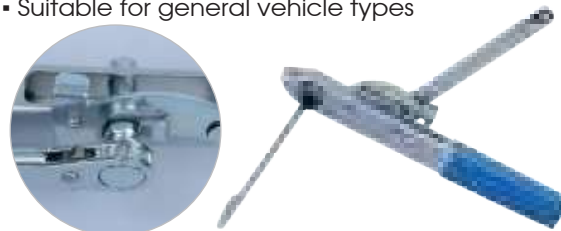


KT NO.	inch	L mm	A max mm		
9BP11	10	250	60	338.6	12 / 36

CV Boot Clamp Installer

9BB31

- Use to cut and install clamp with built-in cutting arm
- Includes locking device and ratchet function
- Suitable for general vehicle types

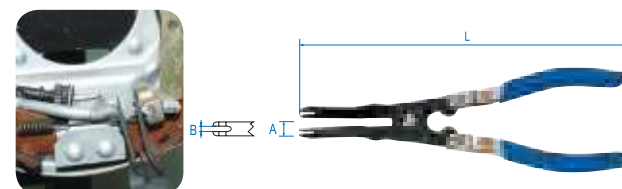


KT NO.	inch	L mm		
9BB31	6-1/2	124	346.8	12 / 36

Handbrake Cable Pliers

9BC11

- For hand brake cable removal and replacing
- Suitable for Audi, Bmw, Citroen, Nissan, Peugeot, Seat, Renault, Rover, etc



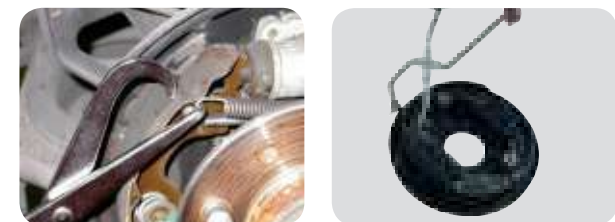
KT NO.	inch	L mm	A max mm	B mm		
9BC11	9	230	60	5	198.0	12 / 48

Drum Brake Spring Pliers

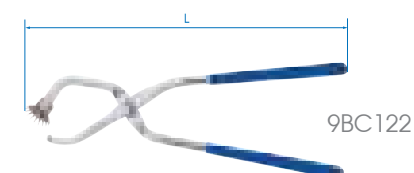
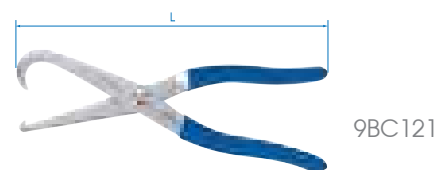
9BC121

9BC122

- Designed to remove and replace brake retaining spring on drum brakes



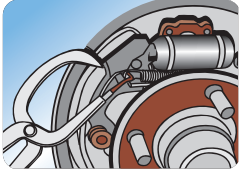
KT NO.	inch	L mm		
9BC121	8-1/2	215	230.0	12 / 72
9BC122	12-1/2	320	426.0	12 / 36



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.	inch	mm		
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		
9BC21	2-7/8	75	1.13	1 / 20

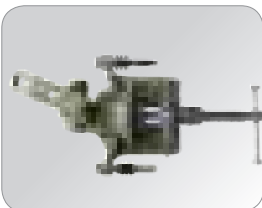
Universal Disc Brake Wind-Back Tool Set

9BC22

- Magnetic socket adapter
- Including 9 adapters for brake assemblage
- For rotating pistons back into caliper to provide clearance for new pads
- Prevents damage to the piston and boot
- Suitable for V.W.-audi, Ford, Nissan, Alfa romeo, Rover, Saab, Subaru, Toyota, Jaguar, and most of the general motors

2.87 1 / 6

11
PC.

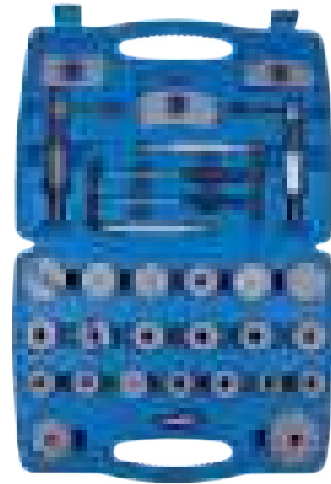


Universal Disc Brake Wind-Back Tool Set

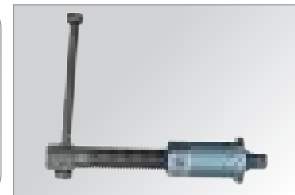
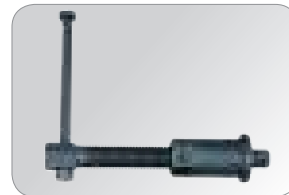
9BC23

- For rotating pistons back into caliper to provide clearance for new pads
- Prevents damage to the piston and boot
- Suitable for Bmw, Ford, Vw, Audi, Porsche, Saab, Opel, Volvo, Jaguar, Citroen, Peugeot, Renault, Lauxhall, Lancia, Alfa romeo, Fiat, Nissan, Honda, Subaru, Toyota, Mitsubishi
- Contents:
 - 21 PC. Adapters for brake assemblage
 - 3 PC. Backing pads
 - 2 PC. Rotating caliper with 3/8"DR (right/left side threaded)
 - 2 PC. Hex key: 7, 8mm
 - 2 PC. Pin punch : Ø 5.5, 6mm
 - 1 PC. 3/8"DR x 12mm hex key socket

4.87 1 / 4



31
PC.



Brake Caliper Piston Tool

9BC24A

- For rotating pistons back into calliper to provide clearance for new pads
- Fast and easy to use, prevents damage to the piston and boot
- Fits most European and Japanese vehicles



4
PC.

KT NO.	Capacity		Kg	Crate
	A(mm)	B(mm)		
9BC24A	22	33	700	5 / 30

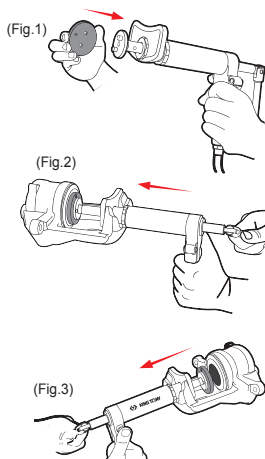
Pneumatic Disc Brake Wind-back Tool Set

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.

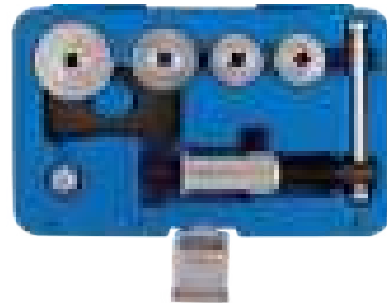


Universal Disc Brake Wind-Back Tool Set

9BC26 new

- For deburring and sizing the diameter of holes 1/8" to 3/8"
- Suitable for metal, wood or plastic

Kg 1.38 1 / 12



Brake Bleeder Valve Collection Bottle

9BC31

- Easy to operate and inspect the brake bleeder valve by one person
- Capacity : 800 ml
- Use for separating the air in the brake oil and replace the brake fluid

Kg 280 1 / 4

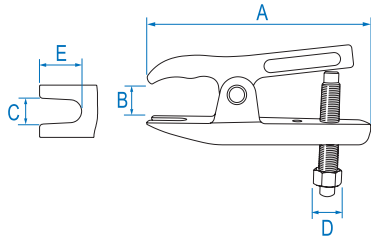


Always keep the tool clean after using

Ball Joint Extractor

9BE11

- Drop forged steel body



KT NO.	A mm	B(mm) Max Min	C mm	D mm	E mm	Kg	Box
9BE11	160	50 12	19	19	25	1.08	1 / 12

9BE4

- For quick and easy separation of ball joint pivots of pitman arms, steering tie rods, ball joints, etc
- Suitable for general trucks and vehicles
- For better safety operation & avoid damage

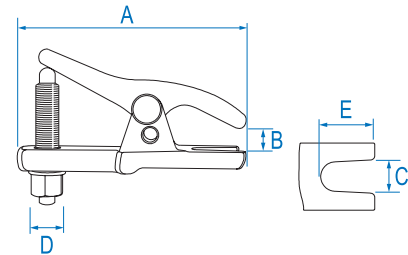
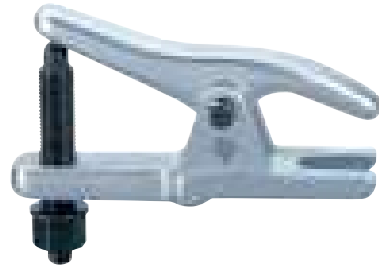


KT NO.	A mm	B mm	C mm	D mm	Kg	Box
9BE41	36	40	18	17	363.9	1 / 36
9BE42	46	48	23	17	558.3	1 / 36
9BE43	62	62	29	19	925.0	1 / 12
9BE44	64	76	40	24	1658.3	1 / 12
9BE45	77	100	46	24	1858.3	1 / 12

Ball Joint Extractor

9BE21

- Special design 2 stage operation, suits most cars and light trucks ball joints in steering & suspension
- Suitable for most European and Japanese vehicles



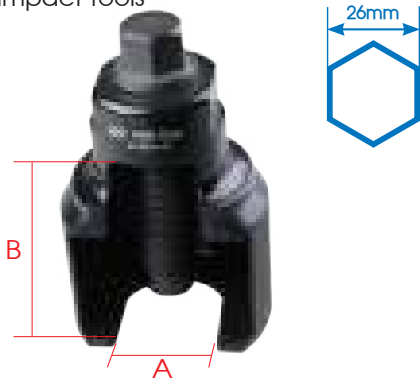
KT NO.	A mm	B(mm) Max Min	C mm	D mm	E mm	Kg	Box
9BE21	160	50 12	20	22	32	1.27	1 / 12



Impact Ball Joint Separator

9HBE4

- For quick separation of ball joint for heavy goods vehicle
- Extra deep design for tight space
- Use with impact tools



KT NO.	A mm	B mm	Kg	Box
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	Box
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 Box 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 Box 1 / 2



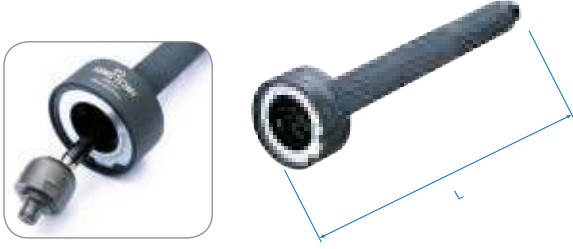
Jaw Opening size : 30, 34, 40 mm



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		Ø Capacity mm	Kg	Crate
	inch	mm			
9BE52	15-3/4	400	35~45	2.14	1 / 10

Universal Adjustable Wheel Bearing Lock Nut Wrench

9HBN01

- For disassemble and assemble vario nut and cap
- Extra slim design suitable to reach narrow space for special nut
- Use with 3/4" square drive tools and suggest to lock by torque wrench
- Application for 6PT, 8PT and round nut
- Adjustable open jaw 50~150mm

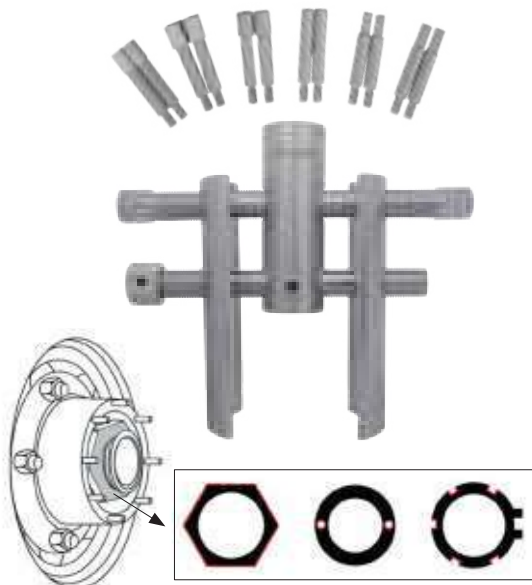
Contents:

3 pairs round adapter for round nut: 6mm, 8mm, 10mm

3 pairs square adapter for round nut: 1/4", 5/16", 3/8"

3.68 Kg 1 / 5

13 PC.

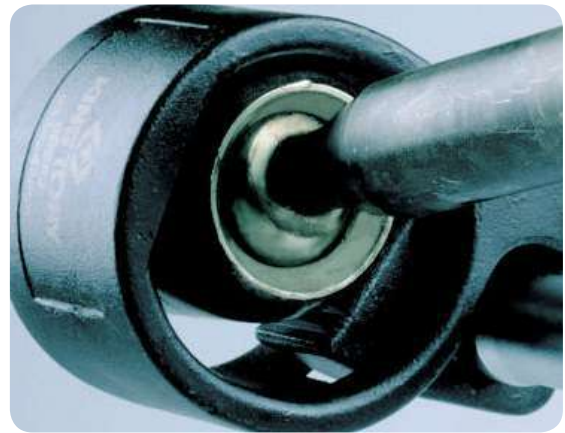


Multi-Purpose Inner Tie Rod Tool

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		Ø Capacity mm	Kg	Crate
	inch	mm			
9BE62	3-1/4	81.50	33~42	370.2	24
9BE63	3-7/16	87.56	42~50	403.6	24



Drop Forged Coil Spring Compressor Set

9BF11

9BF21

- Drop forged SCM435 jaws & leaded screws
- Both 21mm 6-point sockets and 1/2" wrench are available
- Suitable for limited space under wheel arch

6
PC.



9BF11



9BF21



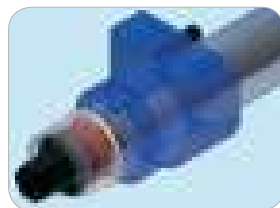
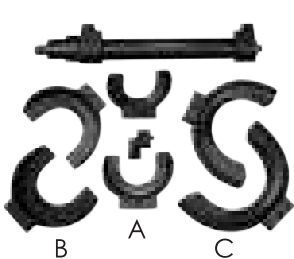
KT NO.	L mm				
9BF11	85 / 370	1/2"	21	2.4	1 / 6
9BF21	85 / 270	1/2"	21	3.36	1 / 6

Coil Spring Compressor Set

9BF31

- Developed for "Macpherson" suspensions, using a range of 3 sets interchangeable monobloc forks
- Spring specification / use:
 - A : Ø80~115mm
 - B : Ø110~150mm
 - C : Ø140~195mm
- Suitable for : BMW, Ford, VW, Audi, Porsche, Saab, Opel, Volvo, Nissan, Honda, Mitsubishi, Subaru, Toyota

8
PC.



KT NO.	L mm	Capacity mm		
9BF31	460	40~300	15.00	1 / 1

Steering Wheel Puller Set

9BG11

- Easy to remove and install steering wheel for cars and trucks
- 2 sets 17mm hex head puller with pointed and flat cups
- 4 sets side bolts
- Small plate Dia.:
 - 1"~3-11/16" 25~95mm
- Large plate Dia.:
 - 1-1/8"~5" 28~125mm
- Side bolts size:
 - 3 PC. 5/16" UNC x 3-1/2" long puller bolts
 - 3 PC. 5/16" UNF x 3" long puller bolts
 - 3 PC. 3/8" UNC x 3" long puller bolts
 - 3 PC. 3/8" UNF x 3" long puller bolts

18
PC.

4.10 1 / 6

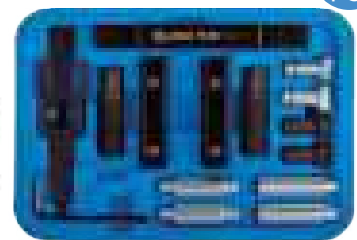


Multi-Steering Knuckle Spreader Tool Set

9BJ11

- Used to spread the steering knuckle to enable the removal and fitting of shock absorbers without the risk of damaging the aluminum or cast iron knuckle
- The tool is adjustable and suitable for steering knuckles with either a centralized slot or a non centralized slot
- Wide range of vehicle applications
- Designed for twin ball joints as fitted to Audi and VW control arms
- Suitable for strut clamping bores on Audi, VW, BMW, Ford, Peugeot, Citroen, Renault, Seat, Skoda 1.05 1 / 12

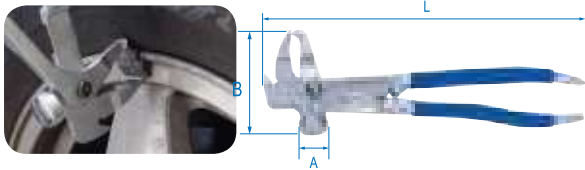
15
PC.



Wheel Balancing Weight Tool

9BK11

- Ideal for fitting and removing wheel balance weights

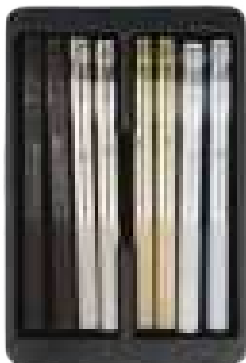


KT NO.	L		A mm	B mm	Scales	Pkg
	inch	mm				
9BK11	10	250	22	86	420.0	10 / 50

Wheel Stud Alignment Guide Tool Set

9BK2008

- Easy to remove and install wheels with lug bolts
- 4 pairs of metric threaded pin allow to hang wheel safety
- Suitable for BMW, Mercedes, Renault, VW, Audi...



8 PC.

CONTENTS :
 • 2 PC. M12 x 1.25
 • 2 PC. M12 x 1.5
 • 2 PC. M14 x 1.25
 • 2 PC. M14 x 1.5



KT NO.	L mm	Scales
9BK2008	150	990

Tire Valve Installer

9BK31 9BK32

- Use for replacement and fitting tire valves
- Composite body prevents damage onto alloy wheel
- 180 degree pivoting head
- 310mm plastic handle



9BK31
 Scales: 118.0 Pkg: 12 / 144



9BK32
 Scales: 353.0 Pkg: 6 / 48

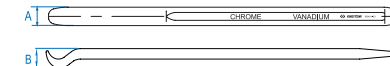


• For removal & installing valve cores

Tire Lever

9BK41 9BK43

- Straight pattern with profiled shank



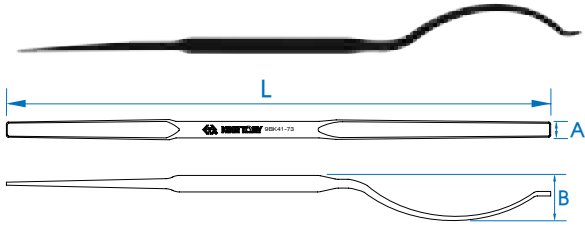
KT NO.	inch	L mm	A mm	B mm	Scales	Pkg
9BK41-20	8	200	21.6	11	104.4	10 / 50
9BK41-28	11	280	22.7	13.5	239.4	10 / 50
9BK41-38	15	380	24.5	13.5	358.0	10 / 50
9BK41-53	21	530	28	12	928.0	10 / 20
new 9BK41-65	25	650	30	15	1075.0	10 / 20
new 9BK43-65	25	650	30	15	1100.0	10 / 20



Tire Lever

9BK41-73

- To install and remove the tire from wheel rim
- Precision forged with greater leverage design
- Special design for 17" to 22.5" tire



KT NO.	inch	L mm	A (mm)	B (mm)	Weight (g)	Box Qty
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 $\pm 5\%$ tolerance
- Quality meets DIN ISO 6789 & ASME B107.300-2010

Contents:

2033

1/4"DR x T10, T15, T20 torx bit socket

2235M

1/4"DR x 11, 12, 13mm deep socket

2221-02

1/4"DR x 2" extension bar

2752-45G

1/4"DR. T handle swivel head reversible ratchet

34101-040M

Valve core torque tool (0.45N.m)

341214M

1/4"DR. Preset torque T-DRIVER (1.4 N.m)

34211-3DG

1/4"DR. Torque Screwdriver (4~9 N.m)

Weight: 1.53 kg Box Qty: 1 / 10

11 PC.

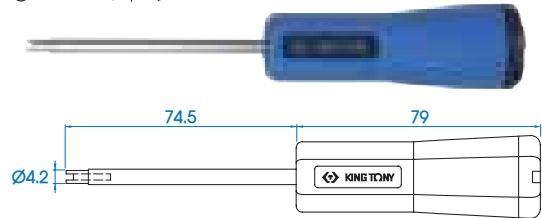


Tire Valve Core Remover / Installer Torque Screwdriver

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

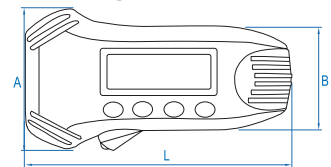
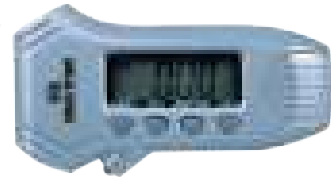
Weight: 82.2 g Box Qty: 24 / 96



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: $\pm 1\%$



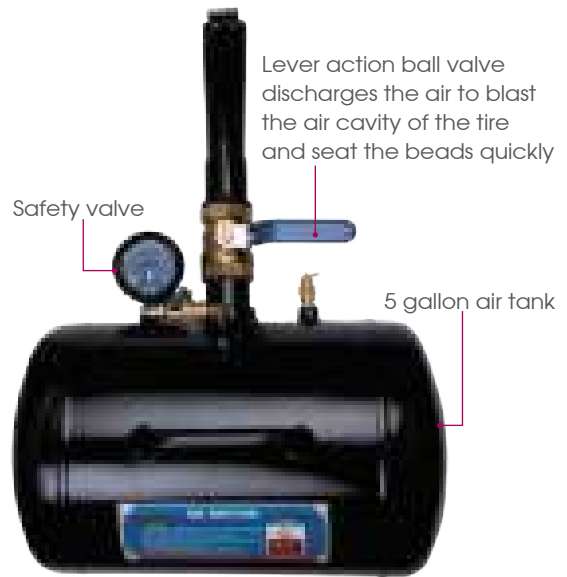
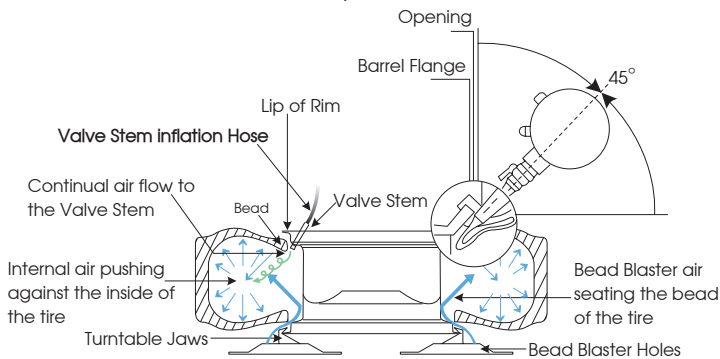
KT NO.	A mm	B mm	L mm	Weight (g)	Box Qty
9BM120	53	38	101	53.0	12 / 96

Tire Air Bead Seater



9HBL

- Capacity: 5 Gallon
- Used for seating tires for cars, trucks, ATVs, tractors
- Air gauge for easy and accurate air volume readings
- Can be used for tire sizes up to 24.5"



KT NO.	Type	Capacity	Max. pressure		
9HBL11-05	America	5 gallon	145 PSI	11.0	1
9HBL12-05	Europe	(20 L)	(10 bar)		

3-In-1 Inflator

9BM

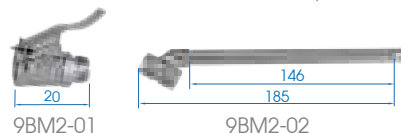
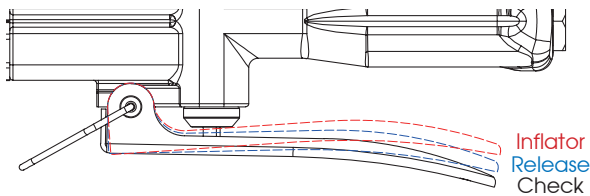
- Diaphragm pressure gauge
- Accuracy: ANSI B40.100 ±3% ~ ±2% ~ ±3%
- Special rubber housing protects manometer against light impacts
- 3 functions (check, release, inflator) all together on the press handle
- Variable trigger, two control position inflate/deflate leve
- Flexible 400MM high pressure 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



KT NO.	Pressure range (Psi)	Air Inlet (BSPT/NPT)	L (mm) L1	L2	Air hose (ID)		
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	-

Undercar Series



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

1.94 1/5

20 PC.



521	522	523	524	525
526	527	528	529	530
531	532	533	534	535
536	537	538	539	540

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.



041	042	043	044	045
046	047	048	049	050
051	052	053	054	055
056	057	058	059	060

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.



ABC0/10PT	ABC1/11PT	ABC2/13PT	ABC3/14PT	ABC4/15PT
ABC5/16PT	ABC6/17PT	ABC7/19PT	ABC8/20PT	ABC9/21PT
51/6PT	52/7PT	53/8PT	54/9PT	55/10PT
56/11PT	57/12PT	58/13PT	59/14PT	60/15PT
61/16PT	62/17PT			

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.

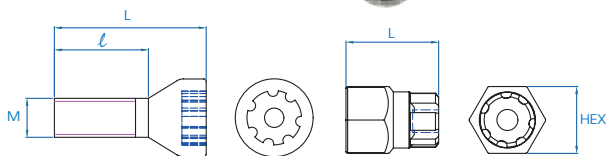


11/15PT	12/14PT	13/16PT	14/12PT	15/11PT
16/10PT	17/7PT	18/13PT	19/8PT	20/9PT
30/13PT	31/15PT	32/16PT	33/17PT	34/18PT
35/19PT	36/20PT	37/21PT	38/22PT	40/23PT

Locking Nuts & Bolt

WSB01

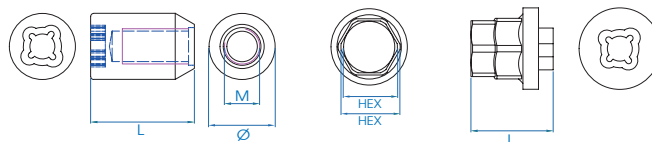
▪ Long Bolt



KT NO.	HEX	Thread M	ℓ mm	L mm
WSB012802-5	-	M12 x 1.5	28	47
	13/16	-	-	29
WSB013006-5	-	M14 x 1.5	30	49
	13/16	-	-	29

WSN04

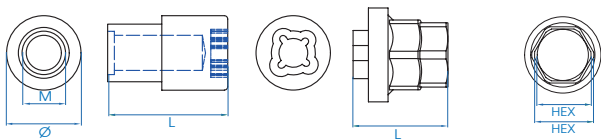
▪ Long Lock Nut



KT NO.	HEX	Ø	Thread M	L mm
WSN043601-5	-	23	M12 x 1.25	36
	19 x 13/16	-	-	28
WSN043602-5	-	23	M12 x 1.5	36
	19 x 13/16	-	-	28

WSN14

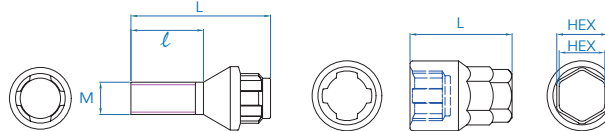
▪ Lock Nut



KT NO.	HEX	Ø	Thread M	L mm
WSN143601-5	-	23	M12 x 1.25	36
	19 x 13/16	-	-	28
WSN143602-5	-	23	M12 x 1.5	36
	19 x 13/16	-	-	28

WSB02

▪ Cone Seat Bolt Lock



KT NO.	HEX	Thread M	ℓ mm	L mm
WSB022701-5	-	M12 x 1.25	27.5	52.5
	17 x 3/4	-	-	38



Impact Socket For Hybrid Wheel Bolts Mercedes-Benz

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

9BW4501



- Durable outer sleeve protects polished wheels and lug nut
- Suitable for Hybrid wheel bolts on e.g. MERCEDES-BENZ C-Class type 204, 204X E-Class type 211, 212, 207 SLK type 172 M-Class type 164, 166 S-Class type 221, 222 CL-Class type 216



KT NO.	Size mm	D1 mm	D2 mm	ℓ mm	L mm		
9BW4501	17	26.4	30	26	85.5	229	5 / 60

Impact socket for special profile Wheel Bolts

9BW4502



- Durable outer sleeve protects polished wheels and lug nut
- Suitable for Wheel nuts with special profile 21 mm on HYUNDAI i30, Tucson and KIA



KT NO.	Size mm	D1 mm	D2 mm	ℓ mm	L mm		
9BW4502	21	28.5	30	26	85.5	252	5 / 60

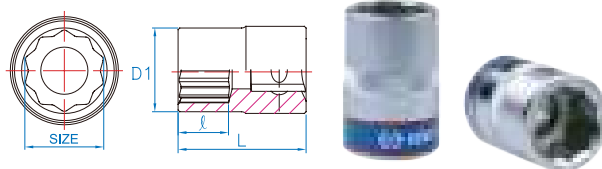
10 Point Socket 20MM

9BW4801

1/2"

- 1/2" drive
- 10 points
- Use for replacing and removing retaining screw on rear trailing arm on HONDA CR-V

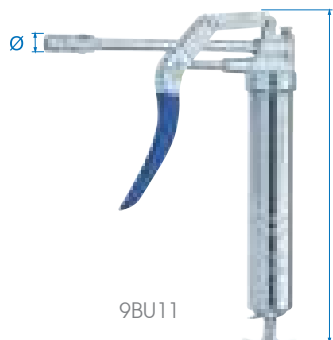
KT NO.	mm	D1 mm	ℓ mm	L mm		
9BW4801	20	25	15	38	88.0	10 / 160



Lubrication-Grease Gun

9BU11

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.



KT NO.	inch	L mm	Ø Screw thread	Working pressure psi	Working pressure bar	Burst pressure	Capacity C.C.	oz			
9BU111	10-5/8	267	1/8" x 28 PT	2900	200	4000	275	120	3	0.61	1 / 30
9BU112	10-5/8	267	10 x 1.0 Metric	2900	200	4000	275	120	3	0.61	1 / 30

9BU111 For general market except North America, Germany, South Africa, Egypt
 9BU112 For Germany, South Africa, Egypt, etc.



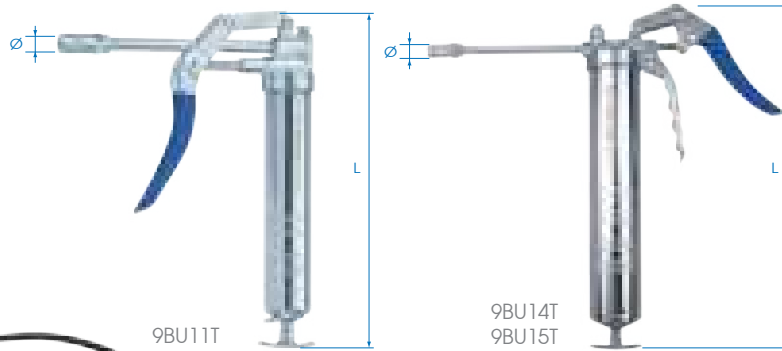
Lubrication-Grease Gun with 12" Tube

9BU11T

9BU14T

9BU15T

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.



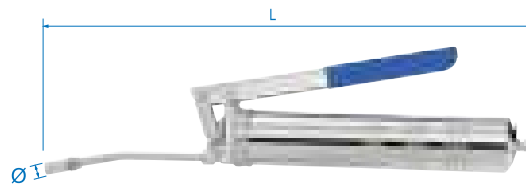
KT NO.	L		∅ Screw thread	Working pressure		Burst pressure		Capacity		Kg	/ /
	inch	mm		psi	bar	psi	bar	c.c.	oz		
9BU111T	10-5/8	267	1/8" x 28 PT	2900	200	4000	275	120	3	0.68	1 / 30
9BU112T	10-5/8	267	10 x 1.0 Metric	2900	200	4000	275	120	3	0.68	1 / 30
9BU141T	10-5/8	267	1/8" x 28 PT	4500	310	7000	490	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		∅ Screw thread	Working pressure		Burst pressure		Capacity		Kg	/ /
	inch	mm		psi	bar	psi	bar	c.c.	oz		
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.



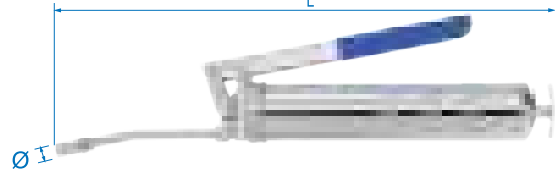
Lubrication-Grease Gun with 12" Tube

9BU2T

- Ideal for machine, automobile, farm and garden equipments, other vehicles etc.



9BU8109
9BU8209
9BU8112
9BU8212



KT NO.	inch	L mm	Ø Screw thread	Working pressure psi	pressure bar	Burst pressure	Capacity c.c.	oz	kg	PC.
9BU241T	14	360	1/8" x 28 PT	4500	310	10000	400	14	1.24	1 / 16
9BU242T	14	360	10 x 10 Metric	4500	310	10000	400	14	1.24	1 / 16
9BU251T	14.2	365	1/8" x 28 PT	4500	310	10000	500	16	1.63	1 / 16
9BU252T	14.2	365	10 x 10 Metric	4500	310	10000	500	16	1.63	1 / 16
9BU8109	9	229	1/8" x 28 PT							
9BU8209	9	229	10 x 10 Metric							
9BU8112	12	305	1/8" x 28 PT							
9BU8212	12	305	10 x 10 Metric							

9BU241T / 9BU251T For general market except North America, Germany, South Africa, Egypt
9BU242T / 9BU252T For Germany, South Africa, Egypt, etc.

Portable Bearing Packer

9BU41

- Quick and easy way to pack bearings with less mess
- Suitable for bearing diameter up to 89 mm
- Press the cap until old grease forced out and replaced by fresh grease

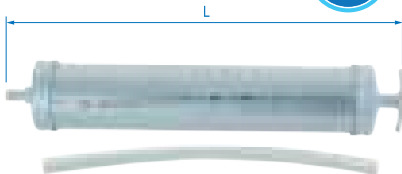
505.2 1 / 36



Oil Suction Gun

9BT250

- Designed for all purpose, quickly draining and filling oil and other fluids for clutches, agricultural, and industrial chemical, additives, transmission on differentials, brake master cylinders, oil filters or other type of sumps or sampling engine oil
- Features 11" flexible plastic hose



KT NO.	inch	L mm	Capacity c.c.	oz	kg	PC.
9BT250	13.4	340	500	16	770.0	1 / 20

Slide Hammer Puller Set

9BQ01

- 5 lbs / 2.2 kgs slide hammer with 500 mm shaft make more powerful
- Three types to use : internal/external puller, plate puller, dent puller
- Use for remove vehicle Hub, rear axle, bearing or repair dent, etc...

7.5 1/2

17 PC.



CONTENTS:

- 1 PC. 500 mm T handle shaft
- 1 PC. 5 lbs / 2.2 kgs hammer
- 1 PC. Axle puller
- 1 PC. Hub puller
- 1 PC. Hook
- 1 PC. Locking pliers puller
- 1 PC. Dent puller
- 1 PC. Central bolt
- Hex 19mm x 5/8" x 18UNF x L140mm
- 1 PC. Twin head
- 1 PC. Tripe head
- 1 PC. Adjustable nut
- 3 PC. 3.5" leg
- 3 set nut & bolt





Please wear proper safety gear while working.

Axle Puller With Slide Hammer

9BQ11

- 5 lbs / 2.2 kgs slide hammer
- 500 mm T handle shaft

4 1/4

3 PC.



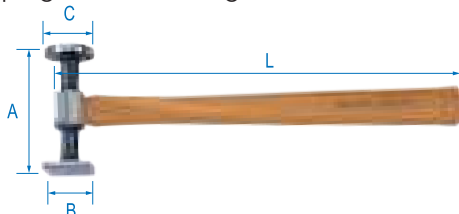
CONTENTS:

- 1 PC. 500 mm T handle shaft
- 1 PC. 5 lbs / 2.2 kgs hammer
- 1 PC. Axle puller

Auto Body Repair Tool

9CF110

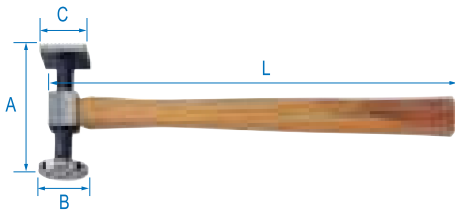
- Bumping hammer - rough



KT NO.	A mm	B mm	C mm	L mm		
9CF110	98.5	38	40	325	440.0	6 / 36

9CF120

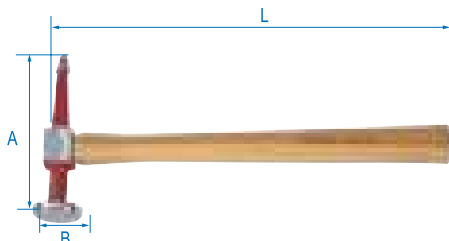
- Light shrinking hammer - smooth



KT NO.	A mm	B mm	C mm	L mm		
9CF120	98	40	38	325	467.0	6 / 36

9CF130

- Straight pick & finishing hammer



KT NO.	A mm	B mm	L mm		
9CF130	138	40	325	467.0	6 / 36

Auto Body Repair Tool

9CF131

- Curved pein & finishing hammer



KT NO.	A mm	B mm	L mm		
9CF131	140	40	325	467.0	6 / 36

9CF132

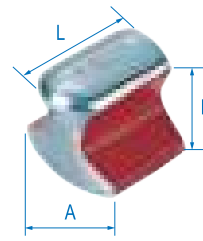
- Straight pein & finishing hammer



KT NO.	A mm	B mm	L mm		
9CF132	141	40	325	460.0	6 / 36

9CF210

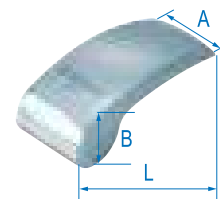
- Utility dolly



KT NO.	A mm	B mm	L mm		
9CF210	69	64	42.3	1.38	6 / 12

9CF220

- Curved dolly



KT NO.	A mm	B mm	L mm		
9CF220	58.6	45	133	1.63	6 / 12



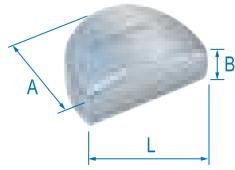
Auto Body Repair Tool & Set



Please wear proper safety gear while working.

9CF230

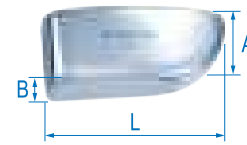
- Heel dolly



KT NO.	A mm	B mm	L mm		
9CF230	60	30	79.3	1.13	6 / 12

9CF241

- Thin toe dolly

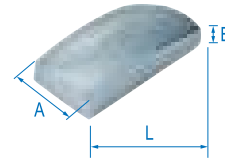


KT NO.	A mm	B mm	L mm		
9CF241	55	24	118	0.96	6 / 12

9CF240

- Toe dolly

KT NO.	A mm	B mm	L mm		
9CF240	58.5	29.1	121	1.40	6 / 12



9CF-107

9CF-207

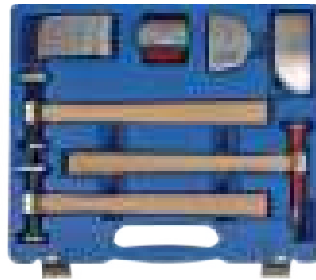
9CF-307

- All drop forged medium (SAE/AISI 1045, 1055) carbon steel
- Hammers are hardened and tempered, including 3 hardwood handled hammers and 4 dollies

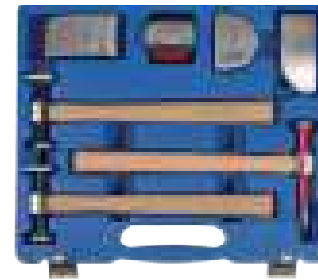
7 PC.



9CF-107



9CF-207



9CF-307

KT NO.	Contents			
9CF-107	 9CF130	 9CF240	 9CF110 9CF120	7.5
9CF-207	 9CF131		 9CF220 9CF230	7.1
9CF-307	 9CF132	 9CF241	 9CF210	7.1



Pneumatic Dent Puller

9CH212

- With 3 LB (1.36 kgs) sliding hammer
- With brass valve and 1/4" air plug
- With 13" length inlet hose
- With 2 PC. pads (120mm , 150mm)
- Air exhaust from the handle

17 1.36 1/4



Bodywork File & Set

9CM01

- Used for sheet-metal working
- Suitable for flat and curved surfaces
- Double-sides file with radial shape
- Lightweight aluminium body
- 1 PC. file included



KT NO.	Version	Teeth inch	Length mm		
9CM01	rough	8	355	1.58	1 / 20

9CM2

- Used for sheet-metal working
- Suitable for flat and curved surfaces
- Double-sides file with radial shape
- For 9CM11



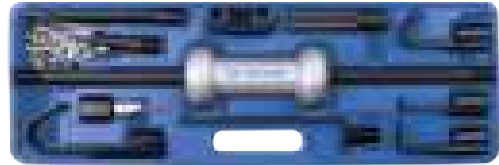
KT NO.	Version	Teeth inch	Length mm		
9CM209	rough	8	355	0.33	1 / 50
9CM212	fine	12	355	0.33	1 / 50

Slide Hammer Bodywork Puller Set

9CH01

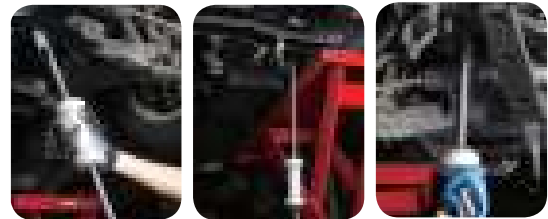
- 6 lbs / 2.7 kgs slide hammer with 540 mm shaft make more powerful
- Variety attachment adaptor suitable for different situation
- Use for vehicle body panel and chassis or other metal distortion etc...

8.5 2.7 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		
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		
9CJ1120	2	50	8-1/2	218	70.0	24 / 144



Putty Knife

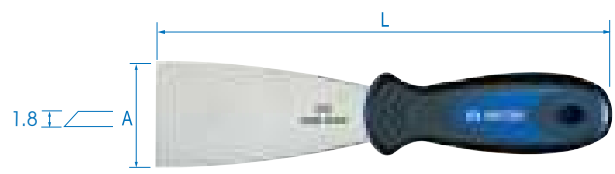
9CJ1130 3"



KT NO.	inch	mm	inch	mm	g	PC.
9CJ1130	3	76	8-1/2	218	82.0	24 / 144

Bolstered Scraper

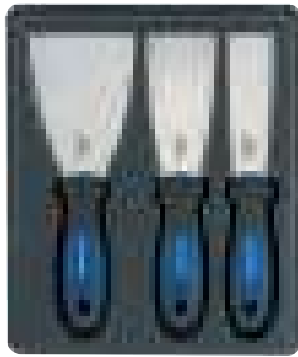
9CJ2120 2"



KT NO.	inch	mm	inch	mm	g	PC.
9CJ2120	2	50	8-1/2	218	140.0	24 / 144

Stainless Steel Putty Knife Set

9CJ013



3
PC.

Contents

0.2 10 / 40



9CJ023



3
PC.

Contents

0.4 10 / 40



Bolstered Scraper

9CJ2112 1-1/4"



KT NO.	inch	mm	inch	mm	g	PC.
9CJ2112	1-1/4	32	8-1/2	218	120.0	24 / 144

9CJ2212 1-1/4"



KT NO.	inch	mm	inch	mm	g	PC.
9CJ2212	1-1/4	32	8-1/2	218	120.0	24 / 144

Pinch Weld Scraper

9CJ3104 1/2"



KT NO.	inch	mm	inch	mm	g	PC.
9CJ3104	1/2	12	6-1/2	168	75.0	24 / 144

9CJ3105 5/8"



KT NO.	inch	mm	inch	mm	g	PC.
9CJ3105	5/8	15	8-1/2	218	108.0	24 / 144

Pinch Weld Scraper

9CJ3106 3/4"



KT NO.	inch	A mm	inch	L mm	Weight (kg)	Quantity
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.	inch	A mm	inch	L mm	Weight (kg)	Quantity
9CJ61-40	1-1/2	40	9	235	145.0	6 / 72

Stainless Steel Pinch Weld Scraper Set

9CJ033



3 PC.

Contents

0.3 kg 10 / 40



Mini Panel Removal

9CI1101



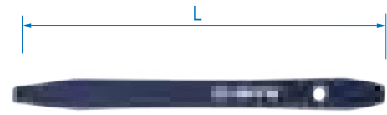
KT NO.	inch	L mm	Weight (kg)	Quantity
9CI1101	8	202	14.0	30 / 360

9CI1102



KT NO.	inch	L mm	Weight (kg)	Quantity
9CI1102	8	202	13.0	30 / 360

9CI1103



KT NO.	inch	L mm	Weight (kg)	Quantity
9CI1103	8	202	16.0	30 / 360

9CI1201



KT NO.	inch	L mm	Weight (kg)	Quantity
9CI1201	8	202	43.0	24 / 192

9CI1202



KT NO.	inch	L mm	Weight (kg)	Quantity
9CI1202	8	202	28.3	40 / 320

9CI1203



KT NO.	inch	L mm	Weight (kg)	Quantity
9CI1203	8	202	20.8	24 / 228



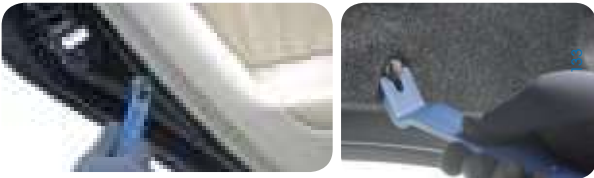
Mini Panel Removal Set

9CI016

- Easy to remove small trim items and panels with slim profile
- Made from impact resistant high quality nylon
- Applicable: Air vents, door panels, door locks, dash trim, internal fittings, etc...

0.3 kg 12 / 48

6 PC.

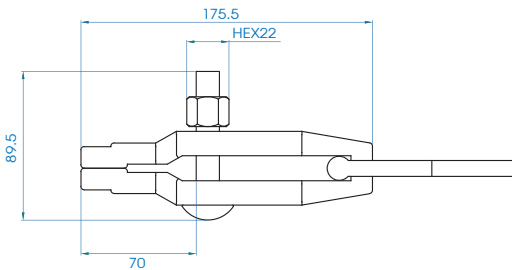


Long Nose Clamp

9CD14 new

- Drop forged chrome molybdenum alloy steel for maximum strength
- Jaw width: 32mm
- 3 Ton straight pulling capacity

1.83 kg 1 / 10

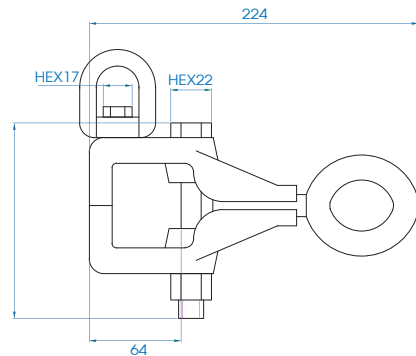


Large Pull Clamp With Top Pull

9CD21 new

- Drop forged chrome molybdenum alloy steel for maximum strength
- Jaw width: 37mm
- Two-way pull operation
- Dual self-tightening serrated jaws for a positive grip

2.45 kg 1 / 6

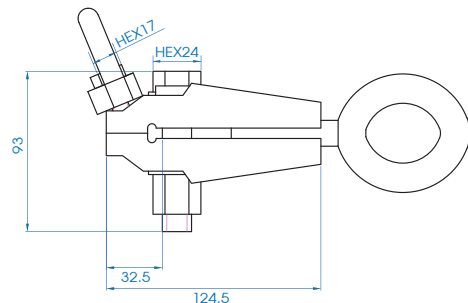


Small Pull Clamp With Top Pull

9CD31 new

- Drop forged chrome molybdenum alloy steel for maximum strength
- Jaw width: 44mm
- 44mm wide mouth with teeth
- With top pull and 360 degree self tightening pull ring
- Dual self-tightening serrated jaws for a positive grip
- Ideal for work in tight areas

2.38 kg 1 / 6



Windscreen Remove Tool Set

9CW01

- Use for removing glued of vehicle windows
- Use A with C to pierce the wire through the adhesive beads
- Use the cutting wire with B to remove adhesive beads



CONTENTS :

- A - Wire feeder tool
- B - Wire pull handle - pair
- C - Triangle cutting wire - 22 meters



KT NO.	Wire L m	T Handle L mm		
9CW01	22	330	456	8 / 32

Double Suction Pad Holder

9CW21

- Lifting up to 65 kg in horizontal position
- Adjustable handle designed for curved surface
- Ø 120mm rubber vacuum cup can prevent from the damage of surface and grip tightly
- Use for holding glass, tiles, sheet metal, etc...



KT NO.	Ø mm	Load capacity kg		
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		
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, Fiat, Ford, Toyota, etc

9DA103

1/2"

M10 spline



KT NO.	Size	Overall length mm		
9DA103	M10	113	151	10 / 120

9DA104

1/2"

T50 Star



KT NO.	Size	Overall length mm		
9DA104	T50	113	151	10 / 120



Alternator Tool & Set

9DA022

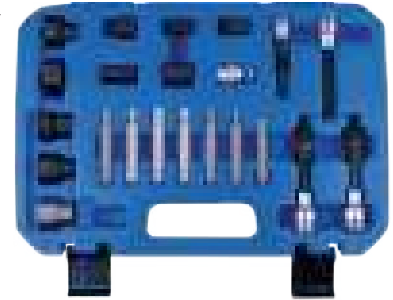
- Specialized in removing & installing freewheel pulleys on alternator
- Suitable generator brand : Bosch, Valeo, Magetic Marelli, Denso, etc.
- It's also interchangeable and comprehensive components to work on VW, Audi, Citroen/Peugeot, Mercedes, Renault, BMW, Fiat, Ford, Toyota, etc.

22
PC.

CONTENTS:

- 3 PC. Combined bit socket –
- 3/8"DR. x M10 x 90mmL / 1/2"DR. x T50 x 113mmL / 1/2"DR. x M10 x 113mmL
- 1 PC. Spline bit socket 1/2"DR x M10 x 110mmL
- 3 PC. 33 teeth socket –15mm HEX x19mm / 15mm Hex x17.5mm / 22mm Hex
- 2 PC. Hex nut –22mm x 30mmL (Ø12.0mm) / 17mm x 35mmL (Ø14.7mm)
- 1 PC. - 35mm Round x 17mm hex (four pin)
- 1 PC. - 38mm Hex adaptor (three pin)
- 1 PC. - 28.6mm Round x H28 x H22 x 32mmL
- 2 PC. - Hexagon head nut –28H x H19 x 35mmL / 28H x H21 x 36mmL
- 1 PC. - M10 x H12 bit 64mmL
- 6 PC. - 10mm shank head bits T40 / T50 / M8 / M10 / H8 / H10
- 1 PC. - 1/2"DR. Bit holder

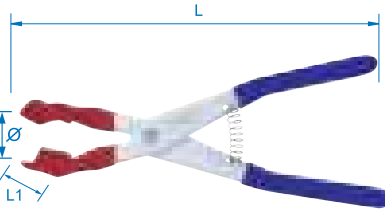
⚖️ 2.57 📦 1 / 5



Spark Plug Boot Pliers

9DB201

- Remove spark plug cables safely and prevent cable damage
- Pliers' handles and jaws are coated with a heavy-duty plastic for sure grip

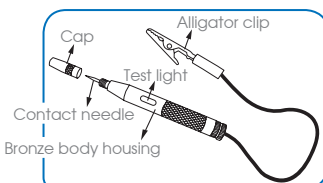
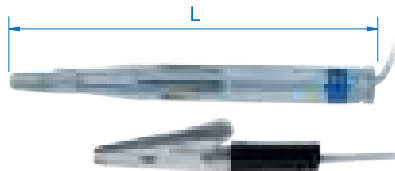


KT NO.	L mm	Ø mm	L1 mm	⚖️	📦
9DB201	260	14~18	20	266	12 / 48

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

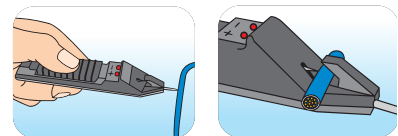
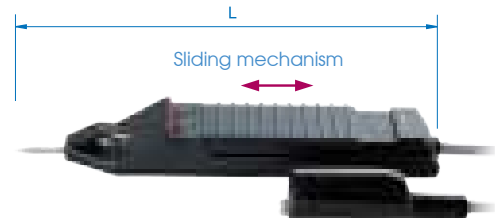


KT NO.	L mm	Test range	⚖️	📦
9DC22	107	6~24V	50.0	20 / 200

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	⚖️	📦
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 voltage	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 voltage	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

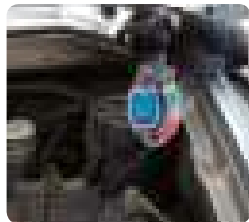


Battery Tester

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 📦 10 / 100



Mechanic's Stethoscope

9DH11

- Ears covered with plastic, effective to separate from outside noise
- 210mm extension probe can expand the space while operating or using in narrow space
- Quickly to find and detect the abnormal noise with the probe
- Use for detecting various vehicles parts or machine equipment

⚖️ 147 📦 12 / 72



Digital Glow Plug Tester

9DM1A1

- Suitable for steel and ceramic glow plugs
- LCD Display
- Short circuit protection & reverse charging protection
- Auto power off: 110 seconds
- 9V battery*1 (included)
- CE approval



KT NO.	Glow Plug(V)	Size(mm) L x W x H	⚖️	📦
9DM1A1	3.5-4.4-5-7-8.5 10-11-24	135 x 78 x 33	356	6 / 36



Gasoline Engine Injection Pressure Tester Kit

9DP1101

- Used to identify and diagnose low fuel pressure
- Shockproof gauge with dual reading of 0~120 PSI and 0~8 bar
- Various kit of adapters for most injection systems of European, Japanese and American vehicles, includes Bosch CIS, GM TBI and MFI system

 5.0  1 / 4





81
PC.

No.	Description	No.	Description
1	1 PC. (0-120 psi/0-8bar)	20	1 PC. Adapter (M14 male-female)
2	1 PC. Connector Hose	21	1 PC. Adapter (M10 male-M12 male)
3	1 PC. Connector Hose	22	1 PC. Adapter (M10 female-M12 male)
4	1 PC. Connector Hose	23	1 PC. Adapter (M8 female-M12 male)
5	1 PC. Connector Hose	24	2 PC. Adapter (M8 male-M12 male)
6	1 PC. Connector Hose	25	1 PC. Adapter (M14 male-M12 male)
7	1 PC. Connector Hose	26	1 PC. Adapter (M16 male-M12 male)
8	1 PC. Connector Hose	27	1 PC. Adapter (Banjo bolt M12)
9	2 PC. Connector Tube (5/8"-18 male nut)	28	1 PC. Adapter (Banjo bolt M12)
10	2 PC. Connector Tube (5/8"-18 invert flare nut)	29	1 PC. Adapter (Banjo bolt M10)
11	2 PC. Adapter (M16 female~5/8")	30	1 PC. Adapter (Banjo bolt M8)
12	2 PC. Adapter (M14 female~3/8")	31	1 PC. Adapter (Banjo bolt M6)
13	2 PC. Adapter (M16 female~3/8")	32	1 PC. Adapter
14	2 PC. Adapter (M14 female~3/8")	33	1 PC. Adapter (M8 male-M12 male)
15	2 PC. Adapter (M16 ar-10mm)	34	1 PC. Adapter (M16 female-M12 male)
16	1 PC. Adapter	35	1 PC. Adapter (M14 female-M12 male)
17	1 PC. Manifold Adapter	36	1 PC. Gauge Hook
18	1 PC. Manifold Adapter	37	1 PC. Repair Pack
19	1 PC. Adapter (90 degrees)		

Gasoline Compression Tester Kit

9DP130

- Suitable for petrol engines on lawn mowers, motorbikes, cars, trucks and so on.
- Quickly diagnose problems with pistons, rings, and valves
- Gauge has dual color scale with 0-300 PSI, 0-20 Kpa
- Easy pressure release button on side of tester
- Brass corrosion resistant fittings

KT NO.	Max Pressure		
9DP1301	300PSI / 20Kpa	1206	1 / 10
9DP1302	300PSI / 20Kpa	1100	1 / 10



9DP1301



9DP1302

8
PC.

3
PC.



Diesel Engine Compression Tester Kit

9DP2301

- Suitable for testing cars and light commercial vehicles with direct or indirect injection on diesel engine
- Gauge reading range from 0-1000 psi (0-70 bar)
- Includes a pressure gauge, various connect adapter and replacement seal & washer

11
PC.

2.58 1 / 6
No.

Description

A	1 PC. 2-1/2" gauge with 420mm hose
B	1 PC. Glow plug adapter (73.5mm*M10*1.25)
C	1 PC. Glow plug adapter (54mm*M12*1.25)
D	1 PC. Glow plug adapter (72mm*M14*1.25)
E	1 PC. Dummy injector (114mm)
F	1 PC. Dummy injector (64mm*M24*2.0)
G	1 PC. Stanadyne dummy (112mm)
H	1 PC. Glow plug adapter (114mm*M10*1.25)
I	1 PC. Glow plug adapter (119mm*M10*1.0)
J	1 PC. Dummy injector (75mm*M20*1.5)
K	1 Set Seal & washer
L	1 PC. 90° Elbow
M	1 PC. Clamp plate



Oil Pressure Tester Kit

9DP3201

- Suitable for testing engine oil pressure and transmission pressure
- Applicable to both gasoline and diesel engines, also suitable for passenger cars and light trucks
- Gauge reading range from 0-150 PSI (0-10 bar)
- Provided with an oil filter clamp for piercing through oil filter canister when oil pressure switch is hard to access

2.1 1 / 5



Adapter

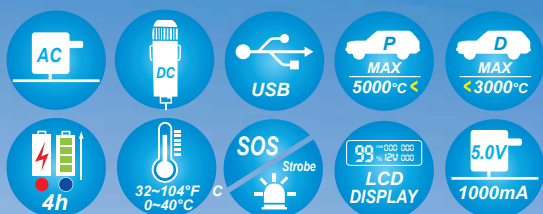
Black (Imperial threads)	Silver (Metric threads)
1/2" x 20 UNF	M10 x P1.0
3/8" x 20 UNF	M12 x P1.5
1/4" x 18 NPTF	M14 x P1.5
1/8" x 27 UPT	M16 x P1.5
R 1/8" DIN	M18 x P1.5



Multi-function Jump Starter

9DS11-16

- Lithium battery LiCoO₂ 16000mAh / 59.2 WH
- Easy to check voltage and power from the screen
- Three-function LED torch : normal, flashing , SOS
- Two 5V USB output ports (mobile phones, MP3, etc...)
- 12V/16V/19V output ports
- 15V/1A input port (in-car charger)
- User-friendly design: Micro USB input port
- Intelligent battery clamp, prevent improper operation by buzzer sound



KT NO.	Capacity mAh	Cranking amp	Peak amp	L x I x E mm	Applicable area	⚖️	📦
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

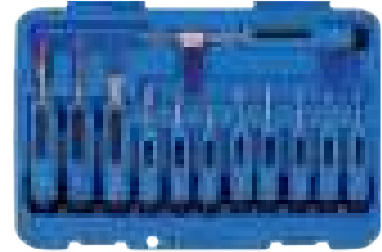
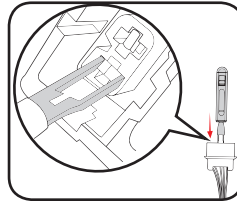
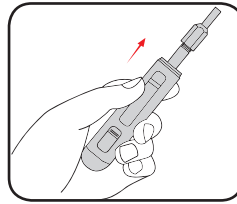


Universal Terminal Release Tool Set

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



12
PC.

850.0 1 / 10

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

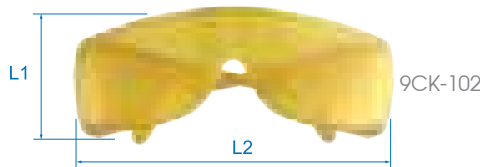
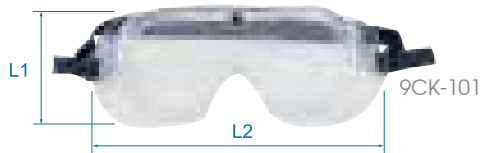


11
PC.

Safety Goggles

9CK

- Soft PVC frame & lens high impact clear polycarbonate
- Anti-dust and anti-impact vents

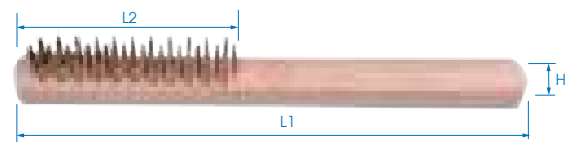


KT NO.	L1		L2		850.0	1 / 10
	inch	mm	inch	mm		
9CK-101	2-7/8	74	6	153	70.0	20 / 200
9CK-102	2-1/2	63	6-1/4	170	38.0	6 / 60

Steel Wire Brush

9CZ101

- Material : wood handle / steel wire
- Wire brush with three rows



KT NO.	H mm	L1 mm	L2 mm	850.0	1 / 10
9CZ101	22	258	105	65.0	24 / 144



Pressure Oil Can

9TB225

9TB500

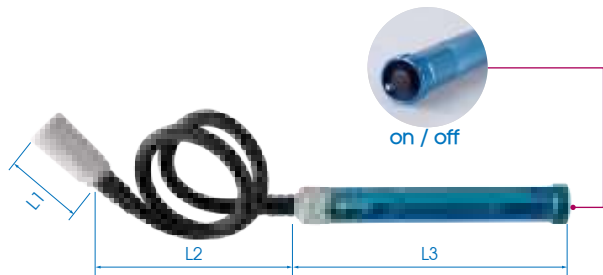
- Material: Plastic body (9TB225)
- Material: Metal body (9TB500)



KT NO.	Capacity c.c.		
9TB225	225	103.0	1 / 160
9TB500	500	302.0	10 / 60

Flexible A/C Detective Light

9TQ31



KT NO.	L1 mm	L2 mm	L3 mm		
9TQ31	34	400	140	107	1 / 5

A/C Leak Detector UV Light & Safety Glasses

9TQ03

- Universal tube(40cm) designed to reach into narrow space
- 3-UV light bulb with safety glasses
- Works with two LR3 AA batteries (not include)

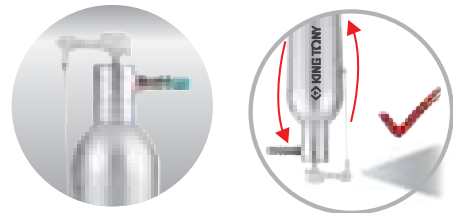
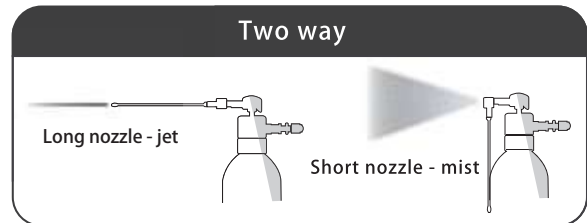
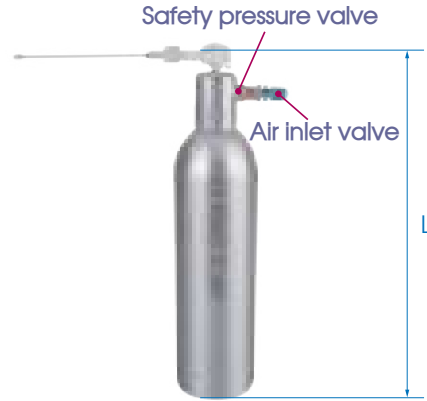


KT NO.	Contents		
9TQ03	9TQ31	1 PC.	263 1 / 18
	9CK-102	1 PC.	

Refillable Pressure Sprayer

9TBA650

- Suitable for lubrication, cleaning brake systems, removing dust and being anti-rust
- Two-position folding nozzle for a standard or long stream spray pattern for narrow and areas which are difficult to reach
- Aluminum canister
- Do not use with strong chemical or corrosive fluid



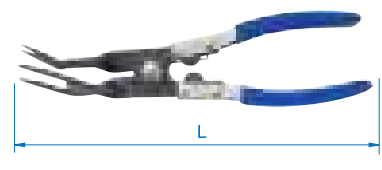
Always wear eye protection while using this tool

KT NO.	inch	L mm		
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.	inch	L mm		
9TC101	9	230	241.0	12 / 48

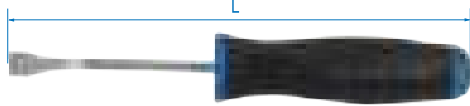


Pry Bar & Set

- Grip material - PP+TPR
- Chrome vanadium alloy steel

9TK1

- Packaged in plastic tray
- Pry bars are for prying and levering
- Sturdy blade minimizing lever spring effect
- It's hardened and tempered for maximum durability



KT NO.	L mm	kg	Box/Tray
9TK108	204	140.4	6 / 72
9TK112	312	286.0	6 / 48
9TK118	458	547.0	6 / 48
9TK124	608	677.2	6 / 36

9TK014

4 PC.



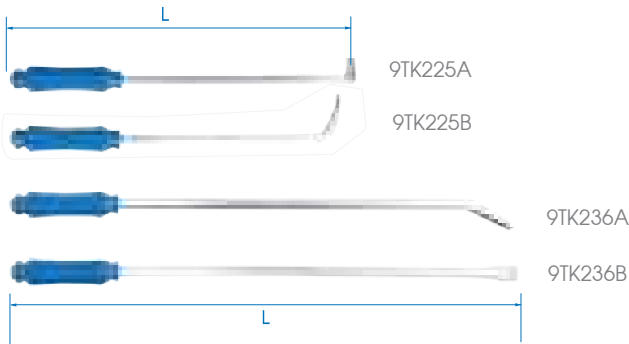
Contents 1.87 5 / 10

	9TK108
	9TK112
	9TK118
	9TK124

Jumbo Pry Bar

9TK2

- For heavy-duty application
- Includes straight, 90, 45, 30 degree tip for variety situation to use
- Extra long pry bar makes more powerful for prying and levering

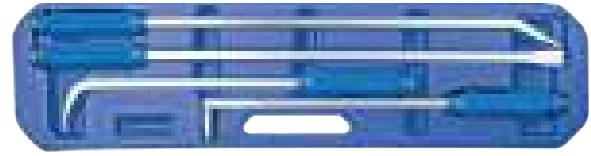


KT NO.	L		Type	kg	Box/Tray
	inch	mm			
9TK225A	25	625	90°	1.62	1 / 6
9TK225B	25	625	45°	1.51	1 / 6
9TK236A	36	920	30°	2.07	1 / 12
9TK236B	36	920	Straight	2.06	1 / 12

Jumbo Pry Bar Set

9TK024

4 PC.



Contents 9.34 1 / 10

	9TK225A
	9TK225B
	9TK236A
	9TK236B

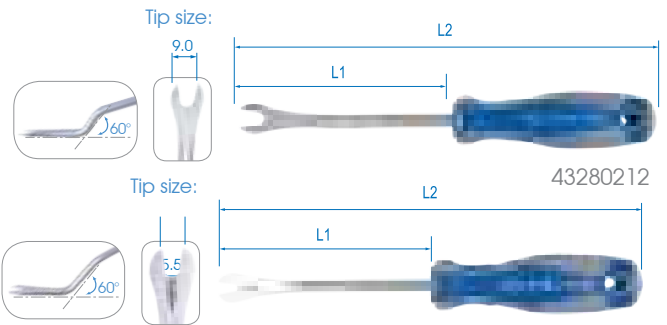
Door Upholstery Remover

- Grip material - PP+TPR
- Chrome vanadium alloy steel

43280212

48280180

- Special tool to remove the lining and clip of the car



48280180

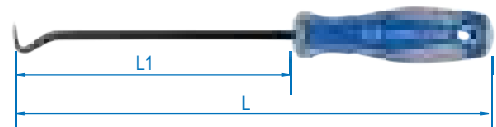


KT NO.	Tip mm	Dia x length(mm)		kg	Box/Tray
		L1	L2		
43280212	9	8 x 120	240	140.0	12 / 144
48280180	5.5	6.35 x 100	210	92.6	12 / 144

Hook & Pick Set

43250115Y

- 10" Bent-pick

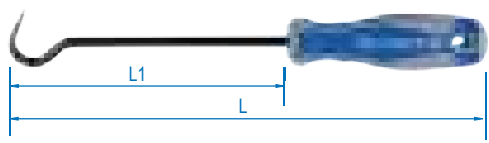


KT NO.	L mm	L1 mm	kg	Box/Tray
43250115Y	260	150	93.8	12 / 144

Hook & Pick Set

43260115Y

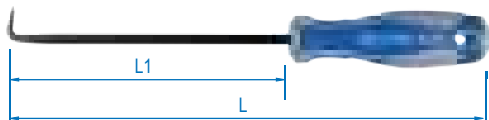
- 10" Hook-pick



KT NO.	L mm	L1 mm		
43260115Y	260	150	95.0	12 / 144

43270115Y

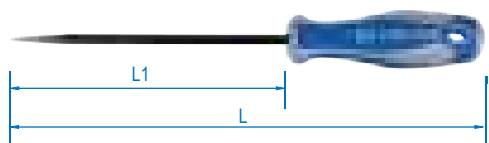
- 10" 90L-pick



KT NO.	L mm	L1 mm		
43270115Y	260	150	94.4	12 / 144

43290115Y

- 10" Straight-pick



KT NO.	L mm	L1 mm		
43290115Y	260	150	90.0	12 / 144

9-30904AY

- Use for scribing, alignment, installing and removing
O rings, seals, cotter pins and washers

4 PC.



Contents

425.4 1 / 8

	43250115Y		43270115Y
	43260115Y		43290115Y

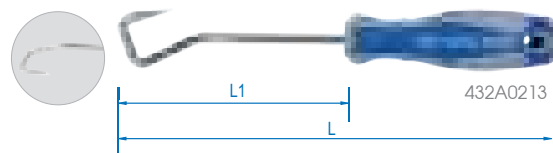
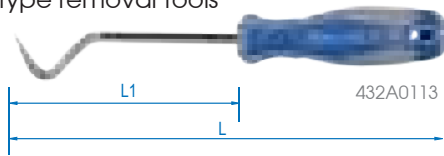
Radiator Hose Removal Tools

- Grip material - PP+TPR
- Chrome vanadium alloy steel

432A0113

432A0213

- 9-1/2" Lightning type removal tools
- 9-1/2" U type removal tools



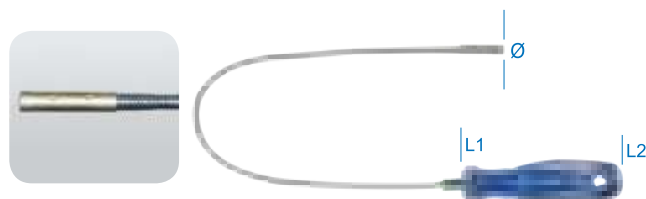
KT NO.	L mm	L1 mm		
432A0113	240	130	93.2	12 / 96
432A0213	240	130	100.8	12 / 96

Magnetic Flexible Handle

- Grip material - PP+TPR

2121

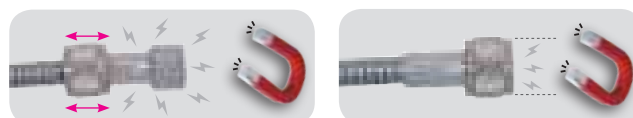
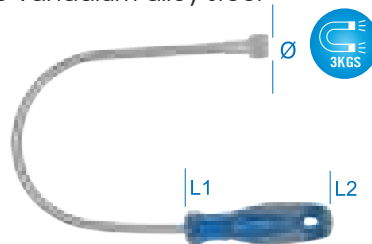
- Enhanced flexible conduit for perfect shaping
- More powerful magnetic force



KT NO.	Size	Dia x length(mm) L1 L2	Magnetic power(kg)		
2121-12	12"	Ø 5 x 305 415	0.5	100.0	1 / 100
2121-18	18"	Ø 5 x 455 565	0.5	120.0	1 / 80

2121A-15 new

- Powerful magnet retrieves metal objects up to 3kg
- Slide cap prevents retrieving foreign objects
- Enhanced flexible conduit for perfect shaping
- Grip Material-PP+TPR
- Chrome vanadium alloy steel



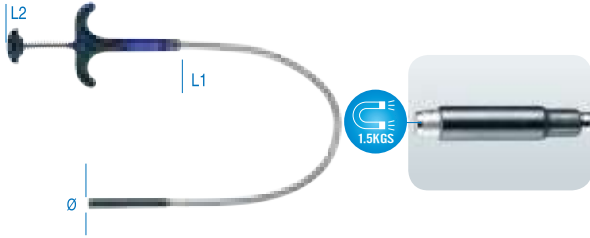
KT NO.	Size	Dia x length(mm) L1 L2	Magnetic power(kg)		
2121A-15	15"	Ø18 x 381 495	3	162.4	1 / 14



Magnetic Pickup Tool

2124

- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- More powerful magnetic force
- Comfortable pushing strength

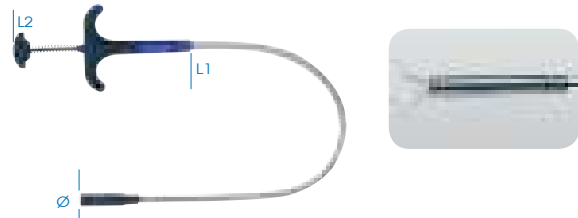


KT NO.	Size	Dia x length(mm)		Magnetic power(kg)	Icons	
		L1	L2			
2124-18	18"	Ø13.5	x 450	610	1.5	181.0 1 / 36

Claw Pickup Tool

2126

- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- Maximum claw width 1-1/4"
- Comfortable pushing strength



KT NO.	Size	Dia x length(mm)		Claw Width	Magnetic Power	Icons	
		L1	L2				
2126-18	18"	Ø11	x 450	610	1-1/4"	181.0	1 / 36

Auto Inspection Tool Set

9TQ01

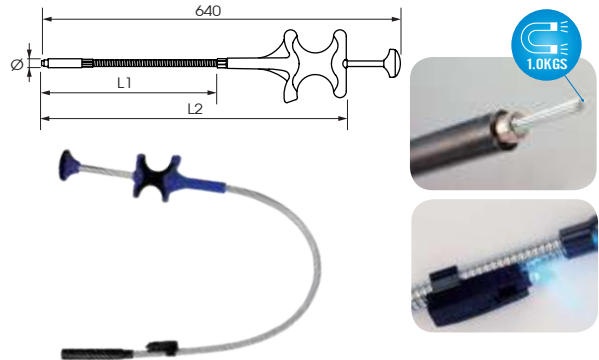
- Contents:
 - 9TQ01-1
Stainless steel telescopic bar
 - 9TQ01-2
3.5 lbs. magnet pick-up with LED light
 - 9TQ01-3
Strong 8.0 lbs. magnet pick-up
 - 2126-18
1/4"DR. T handle swivel head reversible ratchet
 - 9TQ01-4
Round magnetic dish Dia. 100mm
 - 9TQ01-5
Round inspection mirror-Dia. 50mm
 - 9TQ01-6
Rectangular inspection mirror 89 x 50mm

Weight: 1.52 kg Pack: 1 / 5

3 in 1 Pickup Tool

2129-24

- Compact and ergonomic design for comfortable holding
- Enhanced flexible conduit for perfect shaping
- Solid crimping for holding tube and flexible conduit
- More powerful magnetic force
- Hook type claw
- Clamp light
- Comfortable pushing strength
- Lithium cell: LR521 x 3



KT NO.	Size	Dia x length(mm)		Magnetic power(kg)	Icons	
		L1	L2			
2129-24	24"	Ø13	x 470	570	1.0	1-1/4" 280 12 / 48

Telescoping Magnetic Pick-Up Bar

2128-26

- Pen style for carrying conveniently



KT NO.	Extendable Length mm	Magnetic Power	Icons	
2128-26	130~640	3.5LBS/1.6KGS	45.6	50 / 200



7 PC.











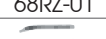


10-1/2" Heavy Duty Replaceable Tip Circlip Pliers Set

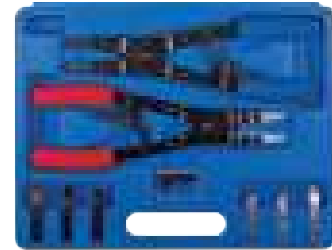
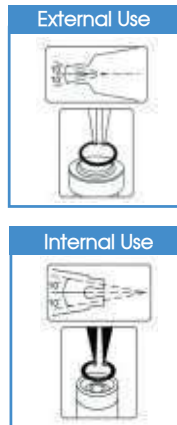
45115PP

- Ideal for internal-external circlip removal and replacment
- Ratcheting locking action handles

15
PC.

Contents

	1 PC. Internal straight circlip pliers
68GS-11	
	1 PC. External straight circlip pliers
68RS-11	
	2 PC. 0° Internal interchangeable
68GZ-01	
	2 PC. 15° Internal interchangeable
68GR-01	
	2 PC. 45° Internal interchangeable
68GQ-01	
	2 PC. 90° Internal interchangeable
68GB-01	
	2 PC. 0° Internal interchangeable
68RZ-01	
	2 PC. 15° External interchangeable
68RR-01	
	2 PC. 45° External interchangeable
68RQ-01	
	2 PC. 90° External interchangeable
68RB-01	
	6 PC. Screw(M5x0.8)
68ZZ-01	



KT NO.	L		Spread		Ømm	Ømm	kg	/
	inch	mm	inch	mm				
45115PP	10-1/2	267	2	50	-	-	1.30	1 / 10
68GS-11	10-1/2	267	2	50	60~100	3	0.31	25 / 50
68RS-11	10-1/2	267	2	50	40~85	2.75	0.32	25 / 50







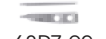


16" Internal-External Heavy Duty Circlip Pliers Set

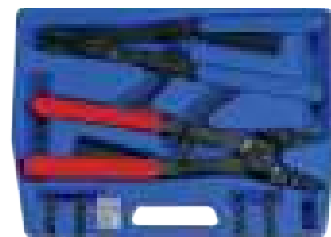
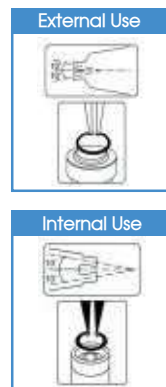
45211PP

- Ideal for Internal-External circlip removing and replacment
- Ratcheting locking action handles

11
PC.

Contents

	1 PC. Internal straight circlip pliers
68GS-16	
	1 PC. External straight circlip pliers
68RS-16	
	2 PC. 0° Internal interchangeable
68GZ-02	
	2 PC. 45° Internal interchangeable
68GQ-02	
	2 PC. 90° Internal interchangeable
68GB-02	
	2 PC. 0° Internal interchangeable
68RZ-02	
	2 PC. 45° External interchangeable
68RQ-02	
	2 PC. 90° External interchangeable
68RB-02	
	6 PC. Screw(M6x1.0)
68ZZ-02	



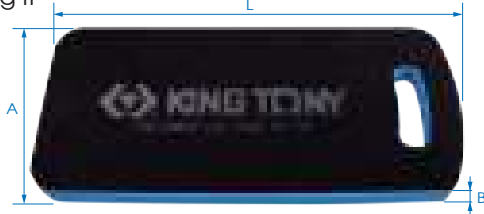
KT NO.	L		Spread		Ømm	Ømm	kg	/
	inch	mm	inch	mm				
45211PP	16	406	3-1/4	85	-	-	3.32	1 / 6
68GS-16	16	406	3-1/4	85	78~159	3	0.93	1 / 25
68RS-16	16	406	3-1/4	85	89~159	3	0.97	1 / 25



Kneeling Mat

9TG11

- Kneeling mat makes working more comfortable during repairing wheels, brakes and exhausts
- Make the chemicals and oil resistant
- Easily clean surface
- Light and small, easy to carry and available to hang it

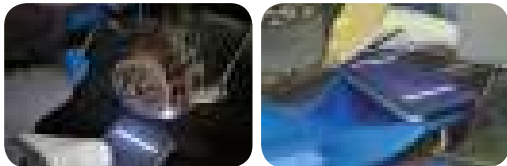
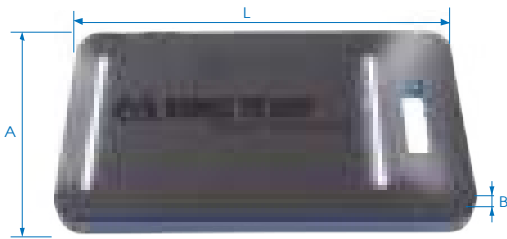


KT NO.	L mm	A mm	B mm		
9TG11	455	214	30	125.7	1 / 18

LED Kneeling Mat

9TG12

- Kneeling mat with work lights for under car repair or useful as a head protector
- 24 SMD LED lights
- Brightness: 600 Lumen(lm)
- 3 x AA batteries not included
- Make the chemicals and oil resistant

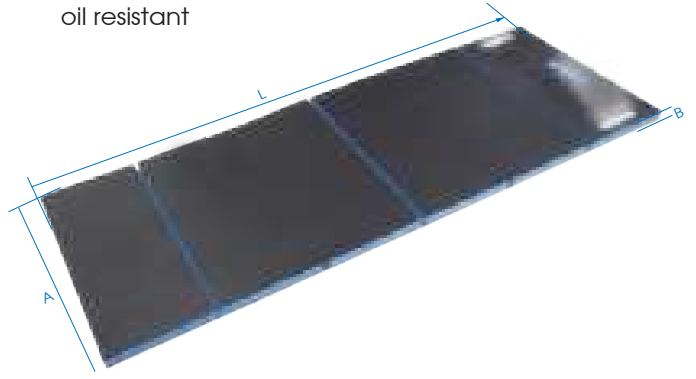


KT NO.	L mm	A mm	B mm		
9TG12	460	270	30	320	1 / 25

LED Folding Mat

9TG21

- Folding mechanics mat for mechanics sit /kneel and lie on it
- 24 SMD LED lights
- Brightness: 600 Lumen(lm)
- 3 x AA batteries not included
- Folds for easy storage
- Make the chemicals and oil resistant



KT NO.	L mm	A mm	B mm		
9TG21	1150	420	24	991.6	1 / 10

Plastic Car Creeper

87C23-B new

- Designed for 2 side storage trays , for easily picking up for small parts or tools
- Vinyl-covered foam pad brings more comfortable while working
- 280 lb. weight capacity
- 1-1/4" ground clearance



KT NO.	Size mm		
87C23-B	1010 x 475 x 130 (40")	5000	1

Steel Creeper

87C24-B new

87C25-B new

- Designed with comfortable sponge cushion
- 300 lbs capacity
- 6 PC. durable swivel casters
- Long size Vinyl-covered foam pad brings more comfortable while working
- All steel construction frame makes it more strong and durable



87C24-B



87C25-B

KT NO.	Size mm		
87C24-B	920 x 425 x 95 (36")	5600	1
87C25-B	1020 x 425 x 110 (40")	7400	1

Wing Protector

9TP11

- Protection from unwanted scratches, dents and dirt
- Magnetic attachment keeps paintwork safe from damage
- Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area



KT NO.	Size mm		
9TP11	1050 x 650	649	1 / 8

Wing Protector

9TP12

- Protection from unwanted scratches, dents and dirt
- Magnetic attachment keeps paintwork safe from damage
- Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area



KT NO.	Size mm		
9TP12	1050 x 650	649	1 / 8

9TP22

- Protection from unwanted scratches, dents and dirt
- Magnetic attachment keeps paintwork safe from damage
- Rugged, padded imitation leather and reinforced edges provide a perfect, cushioned working area
- 3 suckers attached



- Sucker can be strongly adsorbed on the aluminum alloy material

KT NO.	Size mm		
9TP22	1050 x 650	650	1 / 8



Oil Drain Pan

9TT11-18



- This 18 litre Oil Drain Pan includes easy grip, large carrying handles and integral spout for pouring waste oil or fluids into a recycling container. The anti-splash lip prevents spillage. Ideal for draining antifreeze or oil. (Not suitable for spray gun cleaner)



CONTENTS :

- 18 litre capacity
- Anti-splash lip
- Integral spout
- Ideal for draining antifreeze or oil
- Meets PAHS regulations



KT NO.	L mm	W mm	H mm		
9TT11-18	681	570	130	920	15

Wheel Axle Oil Drain

9TT21-03



- When the professional technician reaches for an oil drainer pan it has to be light yet strong, a convenient size for the task in hand and easily cleaned
- The wheel Axle Oil Drain is designed for HGVs, features a 3 litre capacity and is fits snugly into the dish of the wheel to catch the waste oil as it is drained from the axle. It is also stable on the workshop floor and easy to handle



CONTENTS :

- Wheel axle oil drain pan with pouring lip
- Manufactured from PE plastic
- 3 litre capacity

KT NO.	L mm	W mm	H mm		
9TT21-03	316	246	156	390	20

Drum Drain Basin

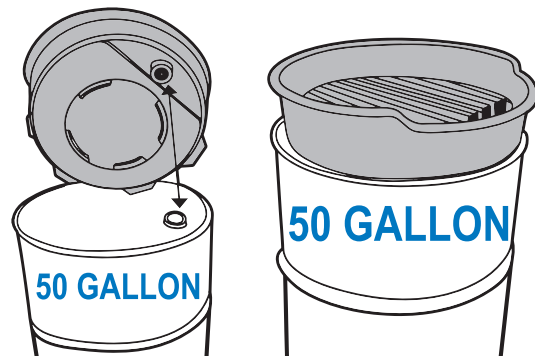
9TT31-20 new



- Plastic basin installed on drum for receiving waste oil
- Intended to be installed at a standard barrel, the drain lid marries with the barrel inlet allowing simple and efficient draining of waste oil from filters etc
- Features ribbed drainage channels and a filter gate to catch foreign objects



KT NO.	Ø mm	H mm		
9TT31-20	600	155	1700	1 / 5



Pneumatic Brake Bleeder

9TV12-02

- Air operated, handle trigger and noise-reduction design, easy and quick to use
- Replace the old brake fluid without leakage
- With 1m silicon hose and universal rubber adapter



KT NO.	Type	Max. Capacity	Working pressure (Psi)	Temperature range	Air Inlet		
9TV12-020	European	2 L	40~170	-19°C~60°C	1/4"	1050	1 / 12
9TV12-021	American	2 L	40~170	-19°C~60°C	1/4"	1050	1 / 12

10L Pneumatic Oil(ATF) & Liquid Dispenser

9TV13

- Use to extract, transfer and dispense fluid quickly, safety and cleanly
- Non-spark, one man in same step can operate
- Provide with the safety valve, pre-setting 43 psi (3 Bar), the exceed pressure will be relief automatically
- Provide with the pressure gauge, can be read & control the pressure in the tank more easily
- Provide 2 way control valve for dispensing more safety
- 8 PC. one touch transportation adapter

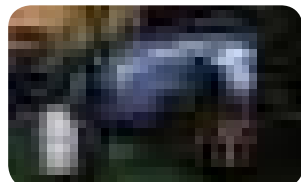


KT NO.	Max. Capacity	Working pressure (Psi)	Temperature range	Air Inlet		
9TV13-100	10 L	90	-19°C~140°C	1/4"	4.75	1

Manual Fluid Extractor

9TV21-09

- Capacity : 9 litre
- Use for extracting all types of engines oil, transmission fluid and lubricants of cars, marine, stationary, motorbikes engines etc...



- Silicon hose x 1.2 m
- Nylon hose x 1.1 m
- Nylon hose x 1.0 m



KT NO.	Max. Capacity	Temperature range		
9TV21-09	9 L	-19°C~90°C	4750	1 / 2



Pneumatic Grease Pump 20L

9TU11



- The barrel body is made of high-grade steel plate. It can contain 5 gallons(20L) of barrel packed grease from all nations around the world
- Suitable for all sorts of machinery, vehicles, airplanes, ships, etc. The efficient instrument for infusing grease powerfully for lubrication & maintenance purpose
- Pump of separate type: utilize the principle of liquid getting pumped & driven by air compressor to draw in liquid. There are two independent & separate cycle systems of pump out there, which prevents air- compressor-exhaust moisture from getting to the grease inside the barrel and deteriorating its quality



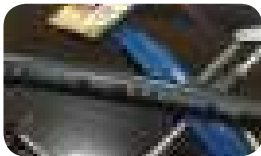
KT NO.	Air Input Pressure (bar)	Pressure (psi)	Pressure Ratio	Grease Output Pressure (bar)	Pressure (psi)	Deliver Rate (cc/sec)	N.W.	G.W.	kg	CUFT
9TU11-20	4-9	60-130	45:1	180-405	2700-5850	30	17	20.5	21.0	6.4

Hand Grease Pump 20L

9TU21



- 20L tank for 5 gallons grease oil
- Suitable for #00,#0,#1,#2 grease oil
- Included 1.8m length hose & pistol sprayer
- 1/4" High pressure 10,000 psi W.P oilfield hose
- Portable equipment with single pull handle
- Suitable for all sorts of machineries, vehicles, airplanes, ships, etc



KT NO.	Transmission rate	Hose Length	N.W.	G.W.	CUFT
9TU21-20	4 cc/stroke	1.8 m	8.2 Kg	9.4 Kg	2.2'

Oil Transfer Bucket Pump 20L

9TW21



- Lever pump 20 L tank for oil
- Suitable for diesel fuel, lubricating oils up to SAE90 and
- Non-corrosive fluids.
- Included 1.8m length hose & sprayer
- Portable equipment with single pull handle



KT NO.	Deliver Rate	Hose Length	Outlet tube	N.W.	G.W.	CUFT
9TW21-20	65 cc/stroke	1.8m	3/8"	7.8 Kg	8.5Kg	2.2'



Notes



A series of horizontal dashed lines for writing notes, filling most of the page.



ST

STARTER

Ball Hex Key

ST1120MR new



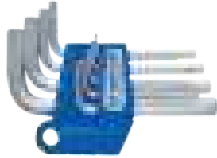
- Extra long arm with ball point type
- DIN ISO 2936



KT NO.	mm	mm	mm	kg	pc/cb
ST112012MR	H12	57	262	283	8 / 48
ST112014MR	H14	70	294	441	8 / 48
ST112017MR	H17	80	337	740	4 / 32
ST112019MR	H19	89	379	1044	4 / 16

Hex Key Set

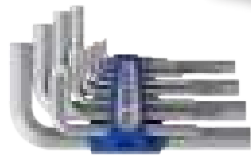
ST20219MR



9
PC.

Spec.	Contents	kg	pc/cb
Standard arm	● H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.30	6 / 48

ST20213MR new



13
PC.

Spec.	Contents	kg	pc/cb
Standard arm hex-head key	● ST1145MR H2, H2.5, H3, H4, H5, H6, H7, H8, H10, H12, H14, H17, H19	1.88	2 / 8

ST20219MY



9
PC.

Spec.	Contents	kg	pc/cb
Standard arm	● ST1145MY H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.30	6 / 48

ST20219MY1



9
PC.

Spec.	Contents	kg	pc/cb
Standard arm	● ST1145MY H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.28	10 / 80

ST1145MR new



- Standard arm type
- Hex head
- DIN ISO 2936



KT NO.	mm	mm	mm	kg	pc/cb
ST114512MR	H12	57	137	166	10 / 120
ST114514MR	H14	70	154	261	6 / 72
ST114517MR	H17	80	177	439	4 / 48
ST114519MR	H19	89	199	619	4 / 32

ST20219SY



9
PC.

Spec.	Contents	kg	pc/cb
Standard arm	● ST1145SY 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8	0.28	10 / 80

ST20209MR



9
PC.

Spec.	Contents	kg	pc/cb
Extra long arm	● ST1125MR H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	0.48	8 / 48

ST20207MY



7
PC.

Spec.	Contents	kg	pc/cb
Extra long arm	● ST1125MY H3, H4, H5, H6, H7, H8, H10	0.54	8 / 48

ST20208MY



8
PC.

Spec.	Contents	kg	pc/cb
Extra long arm	● ST1125MY H2, H2.5, H3, H4, H5, H6, H8, H10	0.48	8 / 48

Hex Key Set

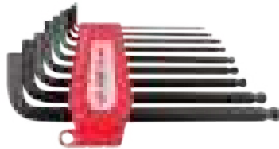
ST20139MY



9
PC.

Spec.	Contents	kg	8 / 64
long arm / ball	ST1130MY	H1.5, H2, H2.5, H3, H4.5, H6, H8, H10	

ST20139SY



9
PC.

Spec.	Contents	kg	8 / 64
long arm / ball	ST1130SY	5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8	

ST20120MR



10
PC.

Spec.	Contents	kg	6 / 60
long arm / ball	ST1130MR	H1.27, H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	

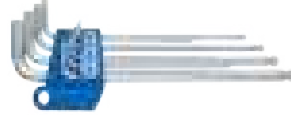
ST20109MR



9
PC.

Spec.	Contents	kg	8 / 48
Extra long arm / ball	ST1120MR	H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	

ST20220MR



10
PC.

Spec.	Contents	kg	8 / 48
Extra long arm / ball	ST1120MR	H1.27, H1.5, H2, H2.5, H3, H4, H5, H6, H8, H10	

ST20203MR new



13
PC.

Spec.	Contents	kg	1 / 3
Extra long arm / ball	ST1120MR	H2, H2.5, H3, H4, H5, H6, H7, H8, H10, H12, H14, H17, H19	

ST20419PR



9
PC.

Spec.	Contents	kg	8 / 48
Extra long arm / Tamper resistant	ST1127R	T10H, T15H, T20H, T25H, T27H, T30H, T40H, T45H, T50H	

Socket Set

ST2346MR

1/4"

Blow case size (mm) :
254 x 147 x 46 (0.16 cuft)

Contents kg 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	2222-02 2222-04
	2571-45	2312-06
		2179



46
PC.

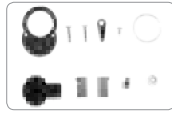


2766DK

Socket Set

ST4028MR	ST4028SR	1/2"
ST4528MR	ST4528SR	1/2"

Blow case size (mm) :
387 x 223 x 58 (0.18 cuft)



4766DK



ST4028MR/ST4528MR



ST4028SR/ST4528SR

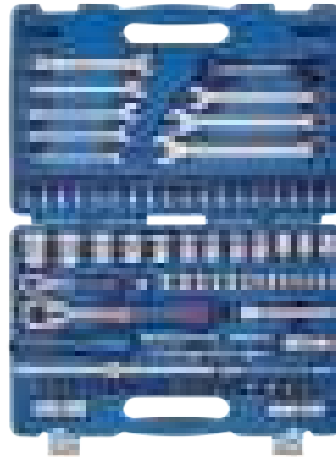
24
PC.

KT NO.	Contents		Weight 4.1	Volume 1/4
ST4028MR	4330MRC	<ul style="list-style-type: none"> 8, 9, 10, 11, 12, 13, 14, 15, 16 17, 18, 19, 21, 22, 24, 27, 30, 32 	463021HC	 4766-10G 4251-05R 4251-10R 4572-12 4791
ST4028SR	4330SRC	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 8, 9, 10, 11, 12, 13, 14, 15, 16 17, 18, 19, 21, 22, 24, 27, 30, 32 	463521HC	 4766-10G 4251-05R 4251-10R 4572-12 4791
ST4528SR	4335SRC	<ul style="list-style-type: none"> 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" 		

Socket & Wrench Set

SC7083MR	SC7583MR	1/4"+1/2"
-----------------	-----------------	------------------

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



83
PC.

KT NO.	Contents		Weight 5.65	Volume 1/4
SC7083MR	<ul style="list-style-type: none"> 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32 	<ul style="list-style-type: none"> 8, 10, 11, 12, 13, 14, 17, 19 PH1, PH2 4, 5.5, 6.5 T8, T10, T15, T20, T25, T27, T30 H3, H4, H5, H6 PZ1, PZ2 PH3, PH4 8x1.2, 10x1.6, 12x2.0 T40, T45, T50, T55 	<ul style="list-style-type: none"> H8, H10, H12, H14 PZ3, PZ4 4766-10G 2179DF 2222-02 2222-04 4222-10 4251-05RH 2312-06 7702-25 3824 2791 4791RH 	 4766-10G 2179DF 2222-02 2222-04 4222-10 4251-05RH 2312-06 7702-25 3824 2791 4791RH
	<ul style="list-style-type: none"> 2330M 463016R 463021R 	<ul style="list-style-type: none"> 1060 2031 2032 2033 2035 2038 1836P 1836S 1836T 	<ul style="list-style-type: none"> 1836H 1836Z 2766-55G 79831 2571-45 414810S 	
	<ul style="list-style-type: none"> 2335M 463516HC 463521HC 	<ul style="list-style-type: none"> 2035 2038 1836P 1836S 1836T 	<ul style="list-style-type: none"> 2766-55G 79831 2571-45 414810S 	
	<ul style="list-style-type: none"> 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14 14, 15, 16, 17, 18, 19, 20, 22, 24, 27, 30, 32 	<ul style="list-style-type: none"> 8, 10, 11, 12, 13, 14, 17, 19 PH1, PH2 4, 5.5, 6.5 T8, T10, T15, T20, T25, T27, T30 H3, H4, H5, H6 PZ1, PZ2 PH3, PH4 8x1.2, 10x1.6, 12x2.0 T40, T45, T50, T55 	<ul style="list-style-type: none"> H8, H10, H12, H14 PZ3, PZ4 4766-10G 2179DF 2222-02 2222-04 4222-10 4251-05RH 2312-06 7702-25 3824 2791 4791RH 	



Socket & Wrench Set

SC7096MR

SC7596MR

1/4"+1/2"

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

96
PC.



KT NO.	Contents		6.22	1 / 4	
SC7096MR	2330M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	2031	PH1, PH2	2766-55G
	2230M	6, 7, 8, 9, 10, 11, 12, 13	2032	4, 5.5, 6.5	4766-10G
	4230MC	14, 15, 17, 19, 22	2033	T8, T10, T15, T20, T25, T27, T30	2179DF
	4330MRC	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	2035	H3, H4, H5, H6	4222-10
	463016R		2038	PZ1, PZ2	2222-02 2222-04
	463021R		1836P	PH3, PH4	4251-05RH
SC7596MR	2335M	4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	1836S	8x1.2, 10x1.6, 12x2.0	2571-45
	2235M	6, 7, 8, 9, 10, 11, 12, 13	1836T	T40, T45, T50, T55	3824 2791 4791RH
	4235MC	14, 15, 17, 19, 22	1836h	H7, H8, H10, H12, H14	7702-25 414810S
	4335MRC	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	1836Z	PZ3, PZ4	2745
	463516HC		1115-03	1.5, 2, 2.5	
	463521HC				



Socket & Wrench Set

SC7396MR new

1/4"+1/2"

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

96
PC.

Contents

5.5 1 / 4

		2335M	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
		2235M	6, 8, 10, 12, 13, 14
		4335MR	10, 12, 13, 14, 15, 16, 17, 18, 19, 22, 23, 27, 32
		4535M	15, 16, 17, 19, 24
		1060	8, 10, 12, 13, 14, 15, 16, 17, 18, 19
		1800H	H8, H10, H12, H14
		1800T	T50, T55, T60
		1025S	3.0, 4.0, 5.0, 6.0
		1025P	PH1, PH2 x 2, PH3
		1025Z	PZ1, PZ2 x 2, PZ3
		1025T	T10, T15, T20, T25, T27, T30, T40
		1025H	H3, H4, H5, H6
		1025U	T10H, T15H, T20H, T25H, T27H, T30H, T40H
		1025R	RB2
		753-63	
		7702-25	
		2766-55G	4766-10G
		2571-45	2179DF
		2221-10	2222-02 2141
		2791	4791 3824 414810S



Tool Trolley

ST87432-5B

ST87434-7B

5 Drawer & 7 Drawer Tool Trolley

- Heavy duty ball bearing slides
- 5"x1-1/4" casters with locking break
- One piece wall constructed and powder coating
- Central locking system
- Oil can holder / optional side pull handle bar
- 2mm anti-slipping rubber top mat
- Overall size: W670 x D460 x H812 mm

ST87432-5B 52 60 CUFT 12.64
ST87434-7B 60 60 CUFT 12.64



ST87432-5B



ST87434-7B

Socket & Wrench Set

SC7010MR

SC7510MR

1/4"+1/2"

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




















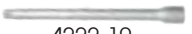






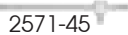




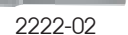





























110
PC.



SC7510MR



SC7010MR

KT NO.	Contents		kg 6.90	1/4
SC7010MR	  2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	  2375M E4, E5, E6, E7, E8		2766-55G
	  2230M 6, 7, 8, 9, 10, 11, 12, 13	  4375M E10, E11, E12, E14, E16, E18, E20, E24		4766-10G
	  4230MC 14, 15, 17, 19, 22	  2031 PH1, PH2		2179DF
	  4330M 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	  2032 4, 5.5, 6.5		4222-10
	  463016R   463021R	  2033 T8, T10, T15, T20, T25, T27, T30		2571-45
SC7510MR	  2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14	  2035 H3, H4, H5, H6		2222-02 2222-04
	  2235M 6, 7, 8, 9, 10, 11, 12, 13	  2038 PZ1, PZ2		2791 4791RH
	  4235MC 14, 15, 17, 19, 22	  1836P PH3, PH4		3824
	  4335M 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 24, 27, 30, 32	  1836S 8x1.2, 10x1.6, 12x2.0		414810S
	  463516HC   463521HC	  1836T T40, T45, T50, T55, T60		7702-25
	  1836H H7, H8, H10, H12, H14		2745	
	  1836Z PZ3, PZ4	  1115-03 1.5, 2, 2.5		



Socket & Wrench Set

SC9043MR

SC9543MR

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

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


















































































































143
PC.



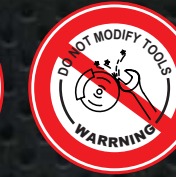
KT NO.	Contents			13.7	1/2	
SC9043MR	2330M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10	2375M E4, E5, E6, E7, E8	1060 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24			
	4330M 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32	3330M 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 21, 22	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		
	463016R 463021R	4375MC E10, E12, E14, E16, E20	1025P PH0, PH1, PH2, PH3	2222-02 2222-04 2222-06	3221-03 3221-06	4251-03R
		1025S 4, 5.5, 7	1025U T10, T15, T20, T25, T27, T30, T40	4222-10	2312-06	2179DF
		1025H H2, H3, H4, H5, H6, H7, H8, H10	1025Z PZ0, PZ1, PZ2, PZ3	3781-11F	4452-18FR	2141
		1421 PH2 x 38, PH1 x 80	1421 PH2 x 100	4581-10	79831	6111-07
SC9543MR	2335M 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10	1461 PH2 x 100	2766-55G	4766-10G	6011-10R	
	4335MRC 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 27, 30, 32	1422 6.5 x 38, 5.5 x 75	79093-03M	3824 3812	2791 3792 4791R	
	463516HC 463521HC	1462 6.5 x 150	7821-30			



Sign List

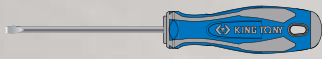
 Internal hexagon	 External hexagon	 Bi-hexagon	 Spline head	 Spline head - tamper resistant	 Internal torx	 External torx	 External torx - tamper resistant	 Double square
 torx plus-tamper resistant	 torx plus	 Ribe bit socket	 Phillips head	 Slotted head	 Pozidriv	 Internal square	 External square	 Ball hex
 External square	 Ribe socket 12 mm	 Ribe socket 10 mm	 Axial lock nut	 Square	 Crowfoot	 Hook wrench	 Diameter	 Capacity of open jaw
 Max. torque	 Air inlet	 Free speed	 Air pressure	 Std. bolt size	 Air hose	 Anvil type	 Avg. air consumption	 Sound
 Vibration level	 Internal circlip	 External circlip	 Thin serrated	 Coarse serrated	 With opening spring	 Round jaws	 Half-round jaws	 Flat & point jaws
 Soft wire	 Medium hard wire	 Hard wire	 Piano wire	 Europe	 America & Asia	 Australia & New Zealand	 English	 Australia
 Changeable blade	 Guide rollers	 Cutter wheel	 Outside diameter (O.D.)	 Wall thickness	 Inside diameter (I.D.)			
 Center cut	 With bevel	 With small bevel	 With very small bevel	 Without bevel	 Diesel engine	 Petrol engine	 Timing belt	 Timing chain
 HGV	 Commercial Vehicles	 Small commercial vehicles	 Passenger cars	 Buses	 Construction vehicles	 Agricultural machinery	 Motorcycles	 Engine series
 Agricultural machinery-tiller	 Chassis	 Steel construction	 Assembly line	 Factory	 Strobe	 IP Protection	 Adjustable lighting	 Lumen
 USB cable	 USB charger	 Cable length	 Charging time	 Lighting for hours	 Watt	 Adjustment button	 Thickness	 Magnetic
 DC charger	 AC charger	 Li-ion battery	 Battery	 Litre capacity	 Q'ty / Carton	 Q'ty / Box	 Q'ty / Blister card	 Weight
 Light weight	 1000V	 ESD	 ISO	 CE certificate	 VDE certificate	 G.S. approval	 TUV certificate	

Information-General Safety Recommendations



• Please wear proper safety gear while working.





It all fits together

■ DIN screwdrivers










Slotted screws		Size									
		2x0.4	2.5x0.4	3x0.5	3.5x0.6	4x0.8	5.5x1	6.5x1.2	8x1.2	10x1.6	
Metric screws											
Flat head											
	ISO 2009		1.6	2	2.5	3	3.5	4	5		
	DIN 963		1.6	2	2.5	3	3.5	4	5		
Oval head											
	ISO 2010		1.6	2	2.5	3	3.5	4	5		
	DIN 964		1.6	2	2.5	3	3.5	4	5		
Cheese head											
	ISO 1207						3.5	4	5	6	
	DIN 84		1.6	1.8	2	2.5		4	4	5	6
Pan head											
	ISO 1580		1.6	2	2.5	3	3.5	4	5	6	
	DIN 85					3	3.5	4	5	6	
	DIN 920		2.5	3/3.5	4	5	6	8		10	
	DIN 921		1.6	2	2.5	3	3.5	4		5	6
Set											
	ISO 4766	DIN 551	2.5	3	4	5	6	8			
	ISO 4735	DIN 417	2.5	3	4	5	6	8			
	ISO 4735	DIN 427	2.5	3	4	5	6	8		14	
Self tapping screws											
Flat head											
	ISO 1482			2.2		2.9	3.5	4.2	4.8		
	DIN 7972			2.2		2.9	3.5	3.9	4.8		
Oval head											
	ISO 1483			2.2		2.9	3.5	4.2	4.8		
	DIN 7973			2.2		2.9	3.5	3.9	4.2	4.8	6.3
Pan head											
	ISO 1481			2.2		2.9	3.5		4.2	4.8	5.5
	DIN 7971				2.9	2.9	3.5		4.2	4.8	5.5

Phillips + Pozidriv		Size					
		00	0	1	2	3	4
Metric screws							
Flat head							
	ISO 7046	DIN 965		1.6	2.5	3.5	8
				2	3	5	10
Oval head							
	ISO 7047	DIN 966		1.6	2.5	3.5	8
				2	3	5	10
Pan head							
	ISO 7045	DIN 7985		1.6	2.5	3.5	8
				1.8	3	5	10
Self tapping screws							
Flat head							
	ISO 7049	DIN 7981		2.2	3.5	5.5	
				2.9	4.8	6.3	
Oval head							
	ISO 7050	DIN 7982		2.2	3.5	5.5	
				2.9	4.8	6.3	
Pan head							
	ISO 7051	DIN 7983		2.2	3.5	5.5	
				2.9	4.8	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					
exchangeable 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 	ISO 4762	DIN 912	*	2	*	2.5		3		4	5	**	6	
Flat head 	ISO 4760	DIN 963 965	*	*	*	2.5		3	3.5	4	5	**	6	8
Oval head 	ISO 7047 2010	DIN 964 966	*	2	*	2.5		3	3.5	4	5	**	6	
Cheese head 		DIN 7984 6912	*	*	*	2.5		3		4	5	**	6	
Oval head 	ISO 7045	DIN 7985	*	2	*	2.5		3	3.5	4	5	**	6	
Flat head 	ISO 10642	DIN 7991	*	*	*	2.5		3		4	5	6	**	8
Self tapping screws														
Pan head 	ISO 7049	DIN 7981 7982	*	2.2	*	2.9		3.5	3.9	4.2 5.5	4.8	**	6.3	
Flat head 	ISO 7050	DIN 7972 7983	*	2.2	*	2.9		3.5	3.9	4.2	4.8 5.5	**	6.3	
Oval head 	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

 RIBBLE		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											

0:

 SQUARE		0	1	2	3
	S(ref.mm)	1.73	2.26	2.84	3.32



Torque Data

Bolt	Nut	Washer	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

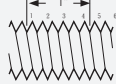

Corresponding unit

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

		Bolts and nuts classes (SAE threads, triangular shape, high pitch 0.15 coefficient)			
	 threads per inch	 Torque ft.lb.	 Torque ft.lb.	 Torque Nm	 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.

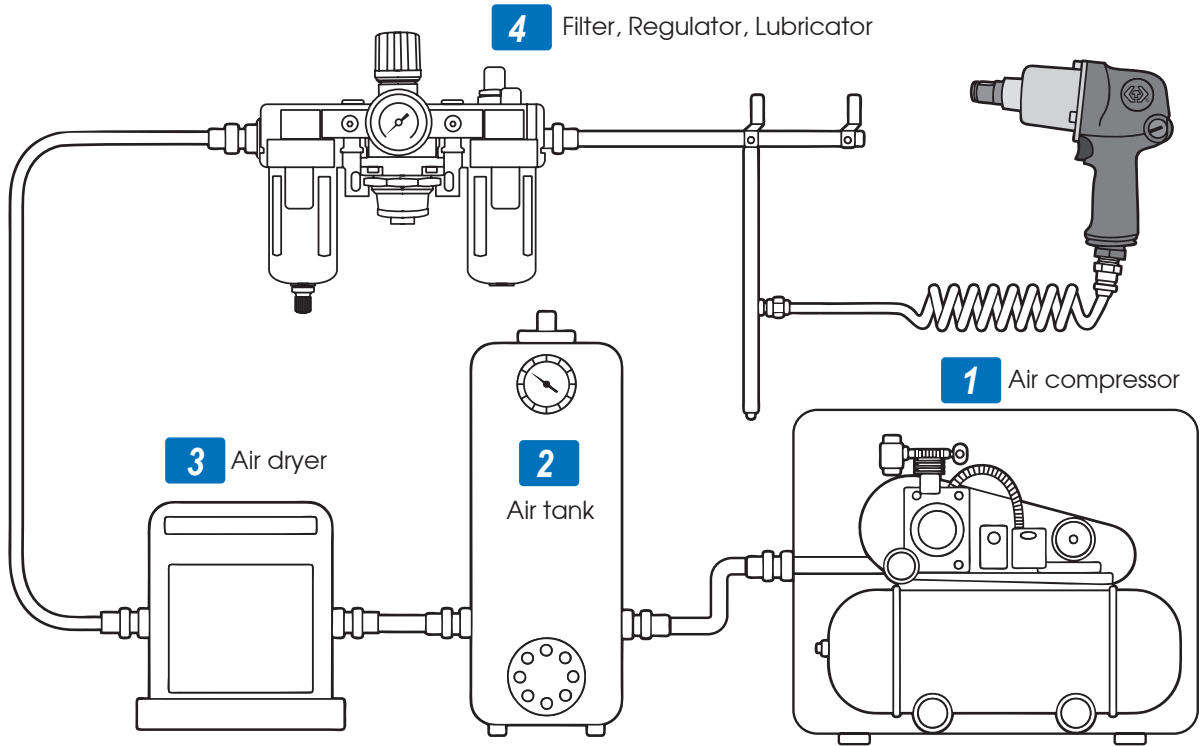
* note: Torque values for 1/4" and 5/16" are in inch-pounds. All other torque values are in foot-pounds.

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

psi 90
bar 6.2 MAX

- Set the air pressure

5

- Oil for pneumatic tool SAE#10

Operation

- Lubricate after use

Maintenance

- Lubricate after use

Water

- Drain the water

Impact Tool

Hand Tool

R F

RF

- Select the direction

Store

DRY

- Clean the air hose

Handle the air tool correctly

MAX

MAX

- Adjust the torque

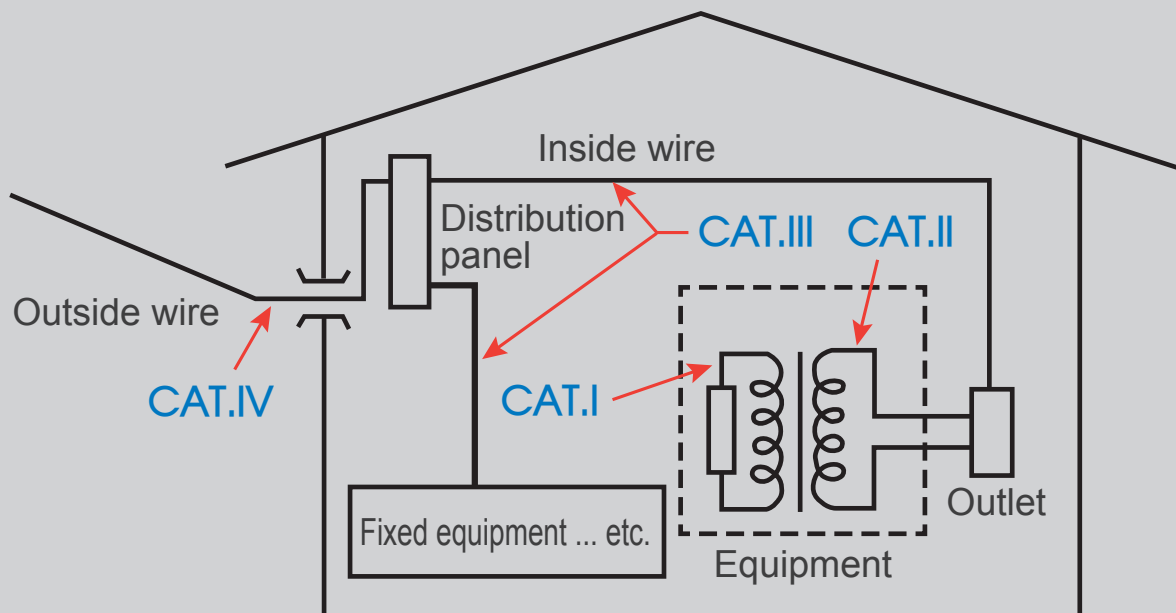
Dispose

Type of the flares





















Measurement level

The input voltage should not exceed the maximum value.



Measurement level	Description	Example
CAT.I	Measurement directly connected to the power supply circuit board	The secondary of the transformer measured
CAT.II	Measurement board directly connected to the low voltage devices	Equipment, portable devices
CAT.III	Equipment within the building	Distribution panels, circuit breakers
CAT.IV	Sources of all low voltage installations	Overhead lines, cable facilities

 Lit when in DC mode measurement	 Lit when in diode check	  Unit for voltage measurement
 Lit when in AC mode measurement	 Date hold indication	 Numeral date display
 Negative polarity indicator-lit when the polarity is negative	 Lit when the battery is low	 Lit when in transistor hFE check
 Auto range indicator	   Unit for resistance measurement	   Unit for current measurement
 Lit when in continuity check		

LCD DISPLAY
















SELECT KEY

DATA HOLD KEY

INPUT TERMINAL 10A USAGE 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	 AC/DC current measurement in 10 amperes	 Turn off the power
 DC voltage measurement	 Transistor in NPN hFE measurement	 Transistor in PNP hFE measurement
 AC/DC current measurement in micro-amperes	 LED test	   Resistance measurement / Diode test / Continuity check
 AC/DC current measurement in milli-amperes	 AC or DC measurement	

Index

10 xxx

1001MR	129	102506H.B	355	102535S1.B	355	1061-08	289	1067-17	292	1081-23	310
1005APR	412	102506M	355	102535T	355	1061-09	289	1067-18	292	1081-24	310
1005GQ	430	102506S1	355	102535T.B	355	1061-10	289	1067-19	292	1081-25	310
1006APR	412	102506S1.B	355	102540T	355	1061-11	289	1067-20	292	1081-26	310
1006GPN	414	102506T	355	102540T.B	355	1061-12	289	1067-21	292	1081-27	310
1006PR	413	102506T.B	355	102540U	355	1061-13	289	1067-22	292	1081-28	310
1006PRN	413	102507H	355	102540U.B	355	1061-14	289	1067-23	292	1081-29	310
1009GPN	414	102507H.B	355	102540V	355	1061-15	289	1067-24	292	1081-30	310
1009PR	413	102507S1	355	102545S1	355	1061-16	289	1067-25	292	1081-32	310
1009PRN	413	102507S1.B	355	102545S1.B	355	1061-17	289	1067-26	292	1084-08	309
1010PR	413	102507T	355	102545T	355	1061-18	289	1067-27	292	1084-09	309
1011MQ	359	102507T.B	355	102545T.B	355	1061-19	289	1067-28	292	1084-10	309
1014GPN	414	102507U	355	102550T	355	1061-20	289	1067-29	292	1084-11	309
1015GQ	430	102507U.B	355	102550T.B	355	1061-21	289	1067-30	292	1084-12	309
1015MQ	384	102508H	355	102555S1	355	1061-22	289	1067-32	292	1084-13	309
1015PQ	359	102508H.B	355	102555S1.B	355	1061-23	289	1071-33	290	1084-14	309
1020-08	302	102508M	355	102555S2	355	1061-24	289	1071-34	290	1084-15	309
1020-09	302	102508S1	355	102555S2.B	355	1061-25	289	1071-35	290	1084-16	309
1020-10	302	102508S1.B	355	102565S1	355	1061-26	289	1071-36	290	1084-17	309
1020-11	302	102508S2	355	102565S1.B	355	1061-27	289	1071-38	290	1084-18	309
1020-12	302	102508S2.B	355	1031-10R	299	1061-28	289	1071-41	290	1084-19	309
1020-13	302	102508T	355	1031-11R	299	1061-29	289	1071-42	290	1090PR1	412
1020-14	302	102508T.B	355	1031-12R	299	1061-30	289	1071-44	290	10A0-24	303
1020-15	302	102508U	355	1031-13R	299	1061-32	289	1071-46	290	10A0-27	303
1020-16	302	102508U.B	355	1031-14R	299	1062-06	287	1071-48	290	10A0-30	303
1020-17	302	102508V	355	1031-15R	299	1062-07	287	1071-50	290	10A0-32	303
1020-18	302	102509T	355	1031-16R	299	1062-08	287	1071-55	290	10A0-36	303
1020-19	302	102509T.B	355	1031-17R	299	1062-09	287	1071-60	290	10A0-41	303
1023EQ	359	102509U	355	1031-18R	299	1062-10	287	1071-65	290	10A0-46	303
102500P	355	102509U.B	355	1031-19R	299	1062-11	287	1071-70	290	10A0-50	303
102500P.B	355	102509V	355	1031-22R	299	1062-12	287	1071-75	290	10A0-55	303
102500R	356	102510H	355	1031-24R	299	1062-13	287	1071-80	290	10A0-60	303
102500R.B	356	102510H.B	355	1031-26R	299	1062-14	287	1071-85	290	10A0-65	303
102501P	355	102510M	355	1031-27R	299	1062-15	287	1080-06	310	10A0-70	303
102501P.B	355	102510T	355	1031-30R	299	1062-16	287	1080-07	310	10A0-75	303
102501R	356	102510T.B	355	1031-32R	299	1062-17	287	1080-08	310	10A0-80	303
102501R.B	356	102510T-S1	362	1032CQ	361	1062-18	287	1080-09	310	10A0-85	303
102501Z	356	102510U	355	1032CQ01	361	1062-19	287	1080-10	310	10A0-90	303
102501Z.B	356	102510U.B	355	1035MR	371	1062-20	287	1080-11	310	10A0-95	303
102502P	355	102510V	355	1036MR	371	1062-21	287	1080-12	310	10A0-A0	303
102502P.B	355	102512P	355	1036ZQ	431	1062-22	287	1080-13	310	10A0-A5	303
102502P-S1	362	102512P.B	355	1042CQ	359	1062-23	287	1080-14	310	10A0-B0	303
102502H	355	102515H	355	1043CQ	359	1062-24	287	1080-15	310	10A0-B5	303
102502H.B	355	102515H.B	355	1044CQ	359	1062-25	287	1080-16	310	10A0-C0	303
102502R	356	102515T	355	1044MR	371	1062-26	287	1080-17	310	10A0-C5	303
102502R.B	356	102515T.B	355	1045MR	371	1062-27	287	1080-18	310	10B0-24	303
102502Z	356	102515T-S1	362	1050CQ	361	1062-28	287	1080-19	310	10B0-26	303
102502Z.B	356	102515U	355	1060-06	290	1062-29	287	1080-20	310	10B0-27	303
102502Z-S1	362	102515U.B	355	1060-07	290	1062-30	287	1080-21	310	10B0-30	303
102503H	355	102515V	355	1060-08	290	1062-32	287	1080-22	310	10B0-32	303
102503H.B	355	102520T	355	1060-09	290	1063-06	292	1080-23	310	10B0-36	303
102503P	355	102520T.B	355	1060-10	290	1063-08	292	1080-24	310	10B0-41	303
102503P.B	355	102520T-S1	362	1060-11	290	1063-10	292	1080-25	310	10B0-46	303
102503R	356	102520U	355	1060-12	290	1063-11	292	1080-26	310	10B0-50	303
102503R.B	356	102520U.B	355	1060-13	290	1063-12	292	1080-27	310	10B0-55	303
102503S1	355	102520V	355	1060-14	290	1063-14	292	1080-28	310	10B0-60	303
102503S1.B	355	102525H	355	1060-15	290	1063-15	292	1080-29	310	10B0-65	303
102503Z	356	102525H.B	355	1060-16	290	1063-16	292	1080-30	310	10B0-70	303
102503Z.B	356	102525T	355	1060-17	290	1063-17	292	1080-32	310	10B0-75	303
102504H	355	102525T.B	355	1060-18	290	1063-18	292	1081-06	310	10B0-80	303
102504H.B	355	102525T-S1	355	1060-19	290	1063-21	292	1081-07	310	10B0-85	303
102504M	355	102525U	355	1060-20	290	1063-22	292	1081-08	310	10B0-90	303
102504P	355	102525U.B	355	1060-21	290	1063-27	292	1081-09	310	10B0-95	303
102504P.B	355	102525V	355	1060-22	290	1063-30	292	1081-10	310	10B0-A0	303
102504S1	355	102527T	355	1060-23	290	1063-32	292	1081-11	310	10B0-A5	303
102504S1.B	355	102527T.B	355	1060-24	290	1067-06	292	1081-12	310	10B0-B0	303
102504S2	355	102527U	355	1060-25	290	1067-07	292	1081-13	310	10B0-B5	303
102504S2.B	355	102527U.B	355	1060-26	290	1067-08	292	1081-14	310	10B0-C0	303
102505H	355	102527V	355	1060-27	290	1067-09	292	1081-15	310	10C0-24	303
102505H.B	355	102530T	355	1060-28	290	1067-10	292	1081-16	310	10C0-27	303
102505M	355	102530T.B	355	1060-29	290	1067-11	292	1081-17	310	10C0-30	303
102505S1	355	102530T-S1	362	1060-30	290	1067-12	292	1081-18	310	10C0-32	303
102505S1.B	355	102530U	355	1060-32	290	1067-13	292	1081-19	310	10C0-36	303
102506H	355	102530U.B	355	1060-55	290	1067-14	292	1081-20	310	10C0-41	303
		102530V	355	1061-06	289	1067-15	292	1081-21	310	10C0-46	303
		102535S1	355	1061-07	289	1067-16	292	1081-22	310	10C0-50	303

Index

10C0-55	303	112503SR	372	114327R	375	115505SR	378	119502M	379	12939MQ-A07	.432
10C0-60	303	112504MR	372	114330R	375	115506MR	378	119503M	379	12939MQ-A08	.432
10C0-65	303	112504SR	372	114340R	375	115506SR	378	119504M	379	12939MQ-A09	.432
10D0-08	293	112505MR	372	114345R	375	115508MR	378	119505M	379	12939MQ-A10	.432
10D0-09	293	112505SR	372	114350R	375	115508SR	378	119506M	379	12939MQ-A11	.432
10D0-10	293	112506MR	372	114502MR	372	115510MR	378	119508M	379	12939MQ-A12	.432
10D0-11	293	112506SR	372	114502SR	372	115510SR	378	119510M	379	12939MQ-A13	.432
10D0-12	293	112507MR	372	114503SR	372	115512SR	378	119525M	379	12939MQ-A14	.432
10D0-13	293	112508MR	372	114504SR	372	115525MR	378	11A310R	379	12939MQ-A15	.432
10D0-14	293	112508SR	372	114505SR	372	115525SR	378	11A315R	379	12939MQ-A16	.432
10D0-15	293	112510MR	372	114506SR	372	115H05M-10	315	11A320R	379	12939MQ-A17	.432
10D0-16	293	112510SR	372	114508SR	372	115H06M-10	315	11A325R	379	12939MQ-A18	.432
10D0-17	293	112512MR	372	114510SR	372	115H07M-10	315	11A327R	379	12939MQ-A19	.432
10D0-18	293	112512SR	372	114512SR	372	115H08M-10	315	11A330R	379	12939MQ-A20	.432
10D0-19	293	112514MR	372	114516SR	372	115H08M-14	315	11A340R	379	12939MQ-A21	.432
10F0-17P	293	112515MR	372	114518SR	372	115H09M-10	315			12939MQ-A22	.432
10F0-19P	293	112516SR	372	114520SR	372	115H10M-10	315	12 xxx		12939MQ-A23	.432
10F0-21P	293	112517MR	372	114524SR	372	115H10M-14	315	1207MR	291	12939MQ-A24	.432
10F0-22P	293	112518SR	372	114525SR	372	115H11M-10	315	1207SR	291	12939MQ-A25	.432
10F0-23P	293	112519MR	372	114503MR	372	115H12M-10	315	1208MR	291	12939MQ-A26	.432
10F0-24P	293	112522MR	372	114504MR	372	115H13M-10	315	1210MR	291	12939MQ-A27	.432
10F0-26P	293	112525MR	372	114505MR	372	115H13M-14	315	12107MRN	306	12939MQ-A28	.432
10F0-27P	293	112525SR	372	114506MR	372	116002MR	377	12107MRN01	306	12939MQ-A29	.432
10F0-29P	293	112576	303	114507MR	372	116003MR	377	1211MR	291	12939MQ-A29	.432
10F0-30P	293	112605MR	373	114508MR	372	116004MR	377	1211MRN	291	12939MQ-A30	.432
10F0-32P	293	112606MR	373	114510MR	372	116005MR	377	1211SR	291	12939MQ-A31	.432
10F0-36P	293	112608MR	373	114515MR	372	116006MR	377	1211SR01	291	12939MQ-A32	.432
10F0-38P	293	112610MR	373	114525MR	372	116007MR	377	1211SR02	291	12939MQ-A33	.432
10F0-41P	293	112612MR	373	114555MR	372	116008MR	377	12112MRN	306	12939MQ-A34	.432
10F0-46P	293	112710R	375	114605MR	373	116010MR	377	12114MRN	306	12939MQ-A35	.432
10F0-50P	293	112715R	375	114606MR	373	116025MR	377	1212MR	291	12939MQ-A36	.432
10F0-55P	293	112720R	375	114608MR	373	116310R	377	1212MR01	291	12939MQ-A37	.432
10F0-60P	293	112725R	375	114610MR	373	116315R	377	1213SRN	291	12939MQ-A38	.432
10F0-65P	293	112727R	375	114612MR	373	116320R	377	1214MR	291	12939MQ-A39	.432
10F0-70P	293	112730R	375	114710R	375	116325R	377	1214MR01	291	12939SQ1	.432
10F0-75P	293	112740R	375	114715R	375	116327R	377	1214MRN01	291	12939SQ-A	.432
		112745R	375	114720R	375	116330R	377	1214MRN05	291	12939SQ-A03	.432
		112750R	375	114725R	375	116340R	377	1214SR	291	1296MRN	291
1106MR	294	113002MR	374	114727R	375	116345R	377	1214SRN01	291	12A0MRN	289
1108MR	294	113002SR	374	114730R	375	116350R	377	1215MR	291	12A1MRN	289
1108SR	294	113003MR	374	114740R	375	1163A05R	380	1215MR01	291	12A3MRN	289
11101SQ	372	113003SR	374	114745R	375	1163A06R	380	1215MR02	291	12A4MRN	289
11104PR	414	113004MR	374	114750R	375	1163A07R	380	1215MRN01	291	12B4MRN	289
11104PR10	414	113004SR	374	115002MR	378	1163A08R	380	1215MRN02	291	12C7MRN	289
1110MR	294	113005MR	374	115003MR	378	1163A09R	380	1216SR	291	12C8MRN	289
1110SR	294	113005SR	374	115004MR	378	1163A10R	380	1216SRN	291		
1112MR	294	113006MR	374	115005MR	378	1163A15R	380	1218MR01	291	13012MR	305
1112MRN	294	113006SR	374	115006MR	378	1163A20R	380	1218MRN	291	13013MR	305
1112SR	294	113007SR	374	115008MR	378	116502MR	377	12207MRN	306	1306CR	301
111946	303	113008MR	374	115010MR	378	116503MR	377	12207MRN01	306	1306MR	301
112002MR	374	113008SR	374	115025MR	378	116504MR	377	12207SRN	306	1306MRN	301
112003MR	374	113010MR	374	11509SQ05	415	116505MR	377	12212MRN	306	1306SR	301
112004MR	374	113010SR	374	11527SQ05	415	116506MR	377	12214MRN	306	131101P	367
112005MR	374	113012SR	374	115310R	379	116507MR	377	1224CRN	291	131102P	367
112006MR	374	113015MR	374	115315R	379	116508MR	377	1226MR	291	131103P	367
112007MR	374	113025MR	374	115320R	379	116510MR	377	1226MRN	291	13113MR	306
112008MR	374	113025SR	374	115325R	379	116525MR	377	1266MR	292	131501P	367
112010MR	374	11305SQ	502	115327R	379	118406M	315	12706MR	307	131502P	367
112015MR	374	113086	303	115330R	379	118407M	315	12709MRN	307	131503P	367
112025MR	374	11311MQ	431	115340R	379	118408M	315	1271MR	292	1317012PN	351
11205SQ	426	11409SQ02	415	115345R	379	118409M	315	1271MRN	292	1317012ZN	351
11208SQ	426	11409SQ03	415	115350R	379	118410M	315	1272MR	292	1317046SN	351
11225SQ	426	11409SQ04	415	1153A05R	380	118411M	315	1272MR01	292	1317057SN	351
112261	303	11409SQ05	415	1153A06R	380	118412M	315	1275MR	292	1317115TN	351
112310R	375	11409SQ06	415	1153A07R	380	118413M	315	1275MRN	292	1317225TN	351
112315R	375	11409SQ08	415	1153A08R	380	118414M	315	12807MR	308	1317340TN	351
112320R	375	11427SQ02	415	1153A09R	380	118417M	315	1282MR	293	1317401PN	351
112325R	375	11427SQ03	415	1153A10R	380	118508M	315	12916MQ1	432	131744BHN	351
112327R	375	11427SQ04	415	1153A15R	380	118509M	315	12939MQ1	432	1317501ZN	351
112330R	375	11427SQ05	415	1153A20R	380	118510M	315	12939MQ-A	432	131755BHN	351
112340R	375	11427SQ06	415	115502MR	378	118511M	315	12939MQ-A01	432	1317602PN	351
112345R	375	11427SQ08	415	115503MR	378	118512M	315	12939MQ-A02	432	131766BHN	351
112350R	375	114310R	375	115503SR	378	118513M	315	12939MQ-A03	432	1317702ZN	351
112502MR	372	114315R	375	115504MR	378	118514M	315	12939MQ-A04	432	13213MR	306
112502SR	372	114320R	375	115504SR	378	118517M	315	12939MQ-A05	432	134501P	367
112503MR	372	114325R	375	115505MR	378	118519M	315	12939MQ-A06	432	134502P	367

Index

134503P	.....367	14230702	.....343	1450-05	.....352	14B10103	.....348	163609M	.....358	168045T	.....357
1360012P	.....356	14230803	.....343	1450-06	.....352	14B10204	.....348	163610E	.....358	168045U	.....358
1360012Z	.....356	14230903	.....343	1450-07	.....352	14B10206	.....348	163610H	.....357	168050E	.....358
1360022P	.....356	14231003	.....343	1450-08	.....352	14B10306	.....348	163610M	.....358	168050T	.....357
1360022Z	.....356	14231503	.....343	1450-09	.....352	14B20807	.....348	163610T	.....357	168050U	.....358
1360023P	.....356	14231510	.....343	1450-10	.....352	14B25504	.....348	163610U	.....358	168055E	.....358
1360023Z	.....356	14232004	.....343	1450-11	.....352	14B26506	.....348	163612H	.....357	168055T	.....357
1360451P	.....356	14232010	.....343	1450-12	.....352	15 xxx		163612M	.....358	168055U	.....358
1360451Z	.....356	14232504	.....343	1450-13	.....352	15001012P	.....309	163614M	.....358	168060E	.....358
1360552P	.....356	14232510	.....343	1450-45	.....352	15001113P	.....309	163615E	.....358	168060T	.....357
1360552Z	.....356	14232704	.....343	1450-55	.....352	15001214P	.....309	163615T	.....357	168060U	.....358
1360703P	.....356	14233005	.....343	1453-05	.....352	15001317P	.....309	163615U	.....358	17 xxx	
1360703Z	.....356	14233010	.....343	1453-05	.....482	15001415P	.....309	163620E	.....358	1706MR	.....296
136501P	.....367	14234006	.....343	1453-06	.....352	15001417P	.....309	163620T	.....357	1707SR	.....296
136502P	.....367	14240105	.....343	1453-06	.....482	15001719P	.....309	163620U	.....358	1708MR	.....296
136503P	.....367	14240204	.....343	1453-07	.....352	15001721P	.....309	163625E	.....358	1708MR01	.....296
13A6502P	.....367	14240206	.....343	1453-07	.....482	15001921P	.....309	163625T	.....357	1710MR	.....296
13B6502P	.....367	14270803	.....343	1453-08	.....352	15001922P	.....309	163625U	.....358	1712MR	.....296
14 xxx		14270903	.....343	1453-08	.....482	15001924P	.....309	163627E	.....358	1712MRN	.....296
1406PR	.....300	14271003	.....343	1453-10	.....352	15002123P	.....309	163627T	.....357	174010H	.....211
14103GP	.....258	14271503	.....343	1453-10	.....482	15002224P	.....309	163627U	.....358	174010H	.....222
14108SRN	.....308	14272004	.....343	14610103	.....347	15002326P	.....309	163630E	.....358	174012H	.....211
14111MRN	.....308	14272504	.....343	14610204	.....347	15002427P	.....309	163630T	.....357	174012H	.....222
14110003	.....346	14272704	.....343	14610206	.....347	15002430P	.....309	163630U	.....358	174014H	.....211
14110104	.....346	14273005	.....343	14610306	.....347	15002632P	.....309	163640E	.....358	174014H	.....222
14110204	.....346	14274006	.....343	14620806	.....347	15002730P	.....309	163640T	.....357	174017H	.....211
14110204-E*	.....346	14280023	.....343	14620807	.....347	15002732P	.....309	163640U	.....358	174017H	.....222
14110205-E*	.....346	14280104	.....343	14621008	.....347	15003032P	.....309	163645E	.....358	174019H	.....211
14110206	.....346	14280132	.....343	14621210	.....347	15003236P	.....309	163645T	.....357	174019H	.....222
14110206-E*	.....346	14280204	.....343	14621210	.....347	15003638P	.....309	163645U	.....358	174022H	.....211
14110208-E*	.....346	14280306	.....343	14625504	.....347	15003641P	.....309	163650E	.....358	174022H	.....222
14110214	.....346	14311003	.....387	14626504	.....347	15003841P	.....309	163650T	.....357	18 xxx	
14110306	.....346	14311015	.....387	14626506	.....347	151001P	.....367	163650U	.....358	1805MR	.....311
14110308	.....346	14311103	.....387	14710003	.....353	151002P	.....367	163655E	.....358	1808MR	.....311
14120303	.....346	14311115	.....387	14710104	.....353	151003P	.....367	163655T	.....357	1812MR	.....311
14120404	.....346	14312003	.....387	14710204	.....353	151501P	.....367	163655U	.....358	181202P	.....356
14120806	.....346	14312015	.....387	14710306	.....353	151502P	.....367	163660E	.....358	181203P	.....356
14120808	.....346	14313003	.....387	14720303	.....353	151503P	.....367	163660T	.....357	1826MR	.....311
14125504	.....346	14313015	.....387	14720404	.....353	155001P	.....367	163660U	.....358	183203H	.....356
14126504	.....346	14320615	.....387	14720807	.....353	155002P	.....367	168004H	.....357	183204H	.....356
14126504-E*	.....346	14320815	.....387	14723504	.....353	155003P	.....367	168005H	.....357	183205H	.....356
14126506	.....346	14321003	.....387	14725505	.....353	15631612	.....315	168005M	.....358	183206H	.....356
14126506-E*	.....346	14321015	.....387	14726506	.....353	15631615	.....315	168006H	.....357	183207H	.....356
14126514	.....346	14321503	.....387	14740105	.....353	15631618	.....315	168006M	.....358	183207H	.....356
14210023	.....342	14321515	.....387	14740206	.....353	15631818	.....315	168007H	.....357	183208H	.....356
14210104	.....342	14321803	.....387	14780003	.....353	15632112	.....315	168008H	.....357	183210H	.....356
14210112	.....342	14321815	.....387	14780104	.....353	15632118	.....315	168008M	.....358	183212H	.....356
14210116	.....342	14322003	.....387	14780204	.....353	15661612	.....315	168009H	.....357	183215T	.....357
14210132	.....342	14322015	.....387	14780204	.....353	15661615	.....315	168009M	.....358	183220T	.....357
14210204	.....342	14322503	.....387	14780306	.....353	15661618	.....315	168010E	.....358	183225T	.....357
14210206	.....342	14322515	.....387	14810103	.....348	15661618	.....315	168010H	.....357	183227T	.....357
14210212	.....342	14323003	.....387	14810204	.....348	15661818	.....315	168010M	.....358	183230T	.....357
14210214	.....342	14323015	.....387	14810205	.....348	15662112	.....315	168010T	.....357	183240T	.....357
14210216	.....342	14323503	.....387	14810205-E*	.....348	15662115	.....315	168010U	.....358	183245T	.....357
14210306	.....342	14323515	.....387	14810306	.....348	15662118	.....315	168012H	.....357	183250T	.....357
14220303	.....342	14324003	.....387	14810412	.....348	157501P	.....367	168012M	.....358	183601P	.....356
14220404	.....342	14324015	.....387	14825503	.....349	157502P	.....367	168014M	.....358	183602P	.....356
14220503	.....342	14330403	.....387	14826504	.....349	157503P	.....367	168015E	.....358	183602Z	.....357
14220504	.....342	14330415	.....387	14826504-E*	.....349	1586-09	.....502	168015T	.....357	183603P	.....356
14220512	.....342	14330503	.....387	14826505-E*	.....349	158902ERA	.....364	168015U	.....358	183603Z	.....357
14220516	.....342	14330515	.....387	14826506	.....349	1596-09	.....502	168020E	.....358	183604H	.....356
14220806	.....342	14330603	.....387	14820806	.....349	16 xxx		168020T	.....357	183604P	.....356
14220807	.....342	14330615	.....387	14821012	.....349	1606MR	.....295	168020U	.....358	183604Z	.....357
14220808	.....342	14330703	.....387	14A10132	.....345	1609MR	.....295	168025E	.....358	183605H	.....356
14221008	.....342	14330715	.....387	14A10204	.....345	1611MR	.....295	168025T	.....357	183606H	.....356
14225503	.....342	14330803	.....387	14A10214	.....345	1626MR	.....295	168025U	.....358	183607H	.....356
14225504	.....342	14330815	.....387	14A10306	.....345	163604H	.....357	168027E	.....358	183608H	.....356
14225505	.....342	14330902	.....387	14A20303	.....345	163605H	.....357	168027T	.....357	183608S	.....356
14225506	.....342	14330903	.....387	14A20404	.....345	163605M	.....358	168027U	.....358	183609S	.....356
14226504	.....342	14331002	.....387	14A20808	.....345	163606M	.....358	168030E	.....358	183610H	.....356
14226506	.....342	14331003	.....387	14A25504	.....345	163606H	.....357	168030T	.....357	183610S	.....356
14226512	.....342	14331502	.....387	14A25505	.....345	163606M	.....358	168030U	.....358	183611S	.....356
14226514	.....342	14331503	.....387	14A26506	.....345	163607H	.....357	168040E	.....358	183612H	.....356
14226516	.....342	14332002	.....387	14A26514	.....345	163608H	.....357	168040T	.....357	183612S	.....356
14230602	.....343	14332003	.....387	14A80132	.....345	163608M	.....358	168040U	.....358	183614H	.....356
		1450-04	.....352	14A80204	.....345	163609H	.....357	168045E	.....358	183614S	.....356

Index

183620T	357	19101719	302	19602326	295	19A01415	304	201506MX	124	20515PR01	373
183625T	357	19101819	302	19602426	295	19A01617	304	201506SX	124	20A16MR	376
183627T	357	19101921	302	19602427	295	19A01819	304	201507SX	124	20A17MR	376
183630T	357	19102022	302	19602732	295	19A02022	304	201508MX	124	21 xxx	
183635T	357	19102123	302	19603032	295	19A02123	304	201508SX	124	2104PR	132
183640T	357	19102427	302	19610809	295	19A02426	304	201510MX	124	2107PR	132
183645T	357	1912MR	311	19611011	295	19A02528	304	201510SX	124	2109PR	132
183650T	357	1912MRN	311	19611213	295	19A02729	304	201512SX	124	21108MR	379
183655T	357	19200608	300	19611415	295	19A03032	304	201801X	125	2119PR	132
183660T	357	19200711	300	19611617	295	19A0-09	304	201802X	125	21-20-07MR	421
1839MR	309	19201012	300	19611819	295	19A0-15	304	201803X	125	21-20-101	421
1842MR	309	19201418	300	19700607	296	19B00810	297	201804X	125	21-20-102	421
187015T	357	19201622	300	19700809	296	19B01011	297	2019MR	133	21208MR	379
187020T	357	19202024	300	19700810	296	19B01012	297	2019SR	133	21208SR	379
187025T	357	1926MR	311	19701011	296	19B01113	297	20208MR	373	2121-12	535
187027T	357	19300810	300	19701012	296	19B01214	297	20208MR01	373	2121-18	535
187030T	357	19300911	300	19701113	296	19B01315	297	20208SR01	373	2121A-15	535
187040T	357	19301011	300	19701213	296	19B01417	297	20209MR	373	2124-18	536
187045T	357	19301012	300	19701214	296	19B01618	297	20209SR02	373	2126-18	536
187050T	357	19301113	300	19701314	296	19B01719	297	2021MR	134	2127-06M	426
188002P	356	19301213	300	19701415	296	19B01921	297	2021MR	373	2127-08M	426
188003P	356	19301214	300	19701417	296	19B02224	297	20218MR	373	2127-11M	426
188004P	356	19301417	300	19701617	296	19C00607	297	20219MR	373	2127-14M	426
188008S	356	19301719	300	19701719	296	19C00809	297	20219SR	373	2127-18M	426
188010S	356	19301922	300	19701819	296	19C01011	297	2025MRE01	134	2127A-06M	426
188012S	356	19312224	301	19701921	296	19C01213	297	2030CR	135	2127A-08M	426
19 xxx		19312427	301	19701922	296	19C01415	297	20306PPR	377	2127A-11M	426
19000607	294	19313032	301	19702022	296	19C01617	297	20307PPR	376	2127A-14M	426
19000708	294	19500810	298	19702123	296	19C01819	297	20308PPR	376	2127A-18M	426
19000809	294	19501012	298	19702224	296	19C02022	297	20309PPR	376	2127A-24M	426
19000810	294	19501113	298	19702326	296	19C02123	297	2031MR	135	2127A-33M	426
19000911	294	19501214	298	19702426	296	19C02426	297	203101	125	2127A-50M	426
19001011	294	19501315	298	19702427	296	19C02528	297	203102	125	2127PR	131
19001012	294	19501417	298	19702528	296	19C03032	297	203103	125	2128-26	536
19001113	294	19501618	298	19703032	296	1A xxx		203104	125	2128PR	364
19001213	294	19501719	298	199104R	313	1A06MR	302	20317MR	377	2129-24	536
19001214	294	19501922	298	19911722	313	1B xxx		20318PPR	376	21-30-09MR	422
19001314	294	19510810	299	199306R	313	1B06MR	302	20319PPR	376	21309PR	379
19001317	294	19511011	299	19932433	313	1C xxx		203204	125	213312DF	130
19001415	294	19511012	299	19932427	313	1C08MR	297	203207	125	2138PR	364
19001417	294	19511113	299	19961721	314	1C12MR	297	203208	125	2141	131
19001617	294	19511214	299	19980016	314	1F xxx		203210	125	2142	131
19001618	294	19511416	299	19991921	314	1F06MRN	298	203235	125	2166DF	360
19001719	294	19511517	299	19991921A	314	1E xxx		203255	125	2177DF	130
19001819	294	19511719	299	199920R	314	1E10MR	299	203265	125	2178DF	130
19001921	294	19511922	299	19992224	314	1E11MR	299	203308	125	2178TG	130
19001922	294	195404R	222	19992224A	314	20 xxx		203309	125	2179DF	130
19002022	294	195419H	227	19992427	314	20107MR01	374	203310	125	21A107	317
19002123	294	195419H	222	19992427A	314	20107SR	374	203315	125	22 xxx	
19002224	294	195422H	227	19992432	314	20108MR	374	203320	125	22106MR	378
19002326	294	195422H	222	19992432A	314	20109MR	374	203325	125	22108MR	378
19002426	294	195424H	227	199925R	314	20110MR	374	203330	125	22118MR	378
19002427	294	195424H	222	19992730	314	201101X	124	203340	125	22208MR	378
19002430	294	195427H	227	19992730A	314	201102X	124	203503	125	22218MR	378
19002528	294	195427H	222	19992732	314	201103X	124	203504	125	2221-02	129
19002632	294	195430H	227	19992732A	314	201104X	124	203505	125	2221-03	129
19002729	294	195430H	222	19992733	314	201208X	124	203506	125	2221-04	129
19002729	294	195432H	227	19992733A	314	201235X	124	203507	125	2221-06	129
19002730	294	195432H	222	19992833	314	201255X	124	203508	125	2221-10	129
19002732	294	19600607	295	19992833A	314	20129SR	374	203510	125	2221-12	129
19003032	294	19600809	295	19993032	314	201308X	125	203708	125	2223-02	129
19003036	294	19600810	295	19993032A	314	201309X	125	203709	125	2223-04	129
19003236	294	19601011	295	19993233	314	201310X	125	203710	125	22306PPR	378
19003436	294	19601012	295	19993233A	314	201315X	125	203715	125	22309PPR	378
19004146	294	19601113	295	19993238	314	201320X	125	203720	125	223004M	124
19005507	294	19601213	295	19993238A	314	201325X	125	203725	125	223005M	124
19100607	302	19601214	295	19993821	314	201327X	125	203727	125	223006M	124
19100809	302	19601415	295	19993821A	314	201330X	125	203730	125	223007M	124
19100810	302	19601417	295	19993822	314	201340X	125	203740	125	223008M	124
19101011	302	19601617	295	19993822A	314	201503MX	124	20407PPR	376	223009M	124
19101012	302	19601719	295	19994121L	314	201504MX	124	20409PPR	376	223010M	124
19101213	302	19601819	295	19994121LA	314	201504SX	124	20419PR	376	223011M	124
19101214	302	19601921	295	19A00607	304	201505MX	124	2044SRV	137	223012M	124
19101415	302	19602022	295	19A00809	304			2048MRV	137	223013M	124
19101417	302	19602123	295	19A01011	304			20505PR01	373	223014M	124
19101617	302	19602224	295	19A01213	304						

Index

223045M	124	233505S	123	253504M	202	30117MR	344	303906	144	3146PR	149
223055M	124	233506M	123	253505M	202	30118MR	344	303907	144	314708S	204
22319PR	338	233506S	123	253506M	202	30127MR	344	303908	144	314710M	204
223504M	123	233507M	123	253507M	202	3013MR	148	303909	144	314710S	204
223505M	123	233507S	123	253508M	202	3013SR	148	303910	144	314808S	148
223505S	123	233508M	123	253509M	202	3020MR	151	305101	203	314810S	148
223506M	123	233508S	123	253510M	202	3020MR02	151	305102	203	314810M	148
223506S	123	233509M	123	253511M	202	30206AMRB	348	305103	203	3149PR8	149
223507M	123	233509S	123	253512M	202	30206MR	347	305104	203	31512MR	350
223507S	123	233510M	123	253513M	202	3020SR	151	305208	203	31512MR01	350
223508M	123	233510S	123	253514M	202	3020SR02	151	305210	203	31512MR-A	350
223508S	123	233511M	123	253545M	202	302102	144	305255	203	31512MR01-A	350
223509M	123	233511S	123	253555M	202	302103	144	305310	204	31512MR-D	350
223509S	123	233512M	123	2539MR	135	302104	144	305315	204	31512MR01-D	350
223510M	123	233512S	123	2540MR	135	302205	144	305320	204	31516MR	350
223510S	123	233513M	123	2544SRV	137	302208	144	305325	204	31516MR-A	350
223511M	123	233514M	123	2548MRV	137	302210	144	305327	204	31516MR-D	350
223511S	123	233514S	123	2550MRV	137	302308	144	305330	204	31519MR	350
223512M	123	233515M	123	2551MR	136	302309	144	305340	204	31519MR-A	350
223512S	123	233515S	123	2551MR01	136	302310	144	305345	204	31519MR-D	350
223513M	123	233516S	123	2553MRV	138	302315	144	305350	204	32 xxx	
223514M	123	233518S	123	2553MRV01	138	302320	144	305355	204	3203	312
223514S	123	233532M	123	2555MR	360	302325	144	305360	204	3203	487
223515M	123	233545M	123	2565MRV	138	302327	144	3054MR	153	320300	312
223516S	123	233555M	123	2571-45	131	302330	144	305504M	203	320300	487
223518S	123	237504M	124	2575MR	135	302340	144	305505M	203	320301	312
223545M	123	237505M	124	27 xxx		302345	144	305504S	203	3203A0	312
223555M	123	237506M	124	2725-55F	126	302350	144	305505S	203	3203A0	487
227504M	124	237507M	124	2725-55G	126	3023MR	151	305506M	203	3204	312
227505M	124	237508M	124	2725DK	126	3024MR	152	305506S	203	3204	488
227506M	124	237510M	124	2745	129	3024SR	152	305507M	203	320540	488
227507M	124	24 xxx		2752-06G	126	302503	144	305507S	203	320560	488
227508M	124	24110204	346	2752DK	126	302504	144	305508M	203	320600	312
2293-02	130	24110214	346	2752-45G	126	302505	144	305508S	203	320600	487
2293-03	130	2413MP8	202	2755-55G	126	302506	144	305510M	203	320670	312
2293-04	130	24308PR	380	2755DK	126	302507	144	305510S	203	320670	488
2293-06	130	24311030	388	2756-55G	126	302508	144	305512M	203	320760	488
23 xxx		24311140	388	2756DK	126	302509	144	305512S	203	32108MR	388
231008M	124	243112020	388	2760-04	128	302510	144	305514M	203	32118MR	388
231010M	124	24330610	388	2760DK	128	302512	144	305516M	203	3213MR	150
231010S	124	24330715	388	2761-55F	127	302708	144	305516S	203	3214-35	424
231012S	124	24330820	388	2761-55P	127	302709	144	305517M	203	3214-60	424
2311-06	130	24330915	388	2761DK	127	302710	144	305545S	203	321510M	111
2311-12	130	2452-05F	130	2765-04G	128	302715	144	30605MR	354	321510M	139
2311-18	130	2452DK	130	2765DK	128	302720	144	30607MR	354	321512M	111
2311MR	131	2452DK	131	2766DK	546	302725	144	30607MR02	354	321512M	139
2312-06	130	2453-05F	131	2769-55F	127	302727	144	30615MR	354	32209MR	388
2313MR	132	25 xxx		2769-55P	127	302730	144	30617MR	354	32218MR	388
233004M	123	2501MR	129	2769DK	127	302740	144	306504M	204	3221-03	147
233005M	123	2509MR	131	276A-04G	128	302745	144	306505M	204	3221-06	147
233005S	123	2509SR	131	276ADK	128	302750	144	306506M	204	3221-10	147
233006M	123	2510SR	132	2771-55F	127	3027MR	152	306508M	204	3221-16	147
233006S	123	2511MR	132	2771-55G	127	3027SR	152	306510M	204	3221-18	147
233007M	123	2513MR	131	2771DK	127	302D08	144	31 xxx		3221-24	147
233007S	123	2513MRD1	131	2774-55F	127	302D09	144	3103PR	150	3223-02	147
233008M	123	2515MR	129	2774-55G	127	302D10	144	3105PR	149	3223-03	147
233008S	123	2516MR	133	2774DK	127	302D15	144	3106PR	148	3223-06	147
233009M	123	2516MRV03	136	2779-55F	127	302D20	144	3108PR8	149	3223-10	147
233009S	123	2516SR	133	2779-55G	127	302D25	144	3109PR8	149	3223-14	147
233010M	123	2516SR	361	2779DK	127	302D27	144	31107MR	344	323007M	140
233010S	123	2518MR	133	2781-06F	128	302D30	144	31116MR	344	323008M	140
233011M	123	2518MR01	133	2781-06P	128	302D40	144	3113PR	150	323008S	140
233011S	123	2518SR	133	2781DK	128	302D45	144	3116PR	148	323009M	140
233012M	123	2519MR	133	2789-06P	128	302D50	144	3118PR	149	323010M	140
233012S	123	2519MR	133	2789DK	128	302D55	144	3119PR8	149	323010S	140
233013M	123	2519SR	133	2792	130	302D60	144	31216MR	344	323011M	140
233014M	123	2521MR	134	28 xxx		30307PR	344	3121PR	149	323012M	140
233014S	123	2524MRV	136	2813	130	30309PR	344	3129PR	148	323012S	140
233015S	123	2525MRE	134	30 xxx		30315PR	344	3131PR8	149	323013M	140
233016S	123	2526CR	135	3007MR01	150	30316PR	344	31416MR	350	323014M	140
233045M	123	2526MR	134	30106AMRB	345	30317PR	344	31416MR-A	350	323014S	140
233045M	123	2526SR	134	30107AMRB	345	30319PR	344	31416MR-D	350	323015M	140
233055M	123	2528MRV	136	30115MR	344	3034MR	152	31419MR	389	323016M	140
23308PR	380	2530CR	135	30116MR	344	3036CR	152	31419MR-A	389	323016S	140
233504M	123	2531MR	135	30116AMRB	345	303904	144	31419MR-D	389	323017M	140
233505M	123	2534MRV	136			303905	144				

Index

323018M	140	33121	253	33411-040	240	33841-180	243	343512M	202	34462-2GG	263
323018S	140	33122	253	33411-041	240	33842-180	243	343512S	203	34462-3GG	263
323019M	140	333006M	139	33411-050	240	33851-120	243	343513M	202	34464-1DK	272
323020S	140	333007M	139	33411-051	240	33851-121	243	343514M	202	34464-1FG	272
323021M	140	333008M	139	33411-71	258	33851-250	247	343514S	203	34464-2FG	272
323022M	140	333008S	139	33412-040	240	33852-120	243	343515M	202	34467-1AG	275
323022S	140	333009M	139	33412-041	240	33852-121	243	343516M	202	3446A-1DG	266
323024M	140	333010M	139	33412-050	240	33852-250	247	343516S	203	3446A-1DK	266
323024S	140	333010S	139	33412-051	240	33861-200	246	343517M	202	3446A-1DK01	266
323026S	140	333011M	139	33421-040	240	33862-200	246	343518M	202	3446A-1DK01	268
323028S	140	333011S	139	33421-041	240	33871-160	244	343518S	203	3446A-1DK	268
323030S	140	333012M	139	33431-050	239	33872-160	244	343519M	202	3446A-1EG	266
323032S	140	333012S	139	33431-051	239	33911-250	247	343520M	202	3446A-2DG	266
32309PR	388	333013M	139	33431-065	241	33912-250	247	343520S	203	3446A-2EG	266
323506M	140	333014M	139	33431-066	241	33921-300	247	343521M	202	3446E-1DK	271
323507M	140	333014S	139	33451-045	237	33922-300	247	343522M	202	3446E-1HG	271
323508M	140	333015M	139	33451-046	237	34 XXX		343522S	203	3446E-2HG	271
323508S	140	333015S	139	33481-095	242	3406MP	205	343523M	202	3446E-3HG	271
323509M	140	333016M	139	33481-096	242	3410MP	205	343524M	202	34486	279
323510M	140	333016S	139	33491-030	238	34101-040M	512	343524S	203	34486-05A	279
323510S	140	333017M	139	33491-031	238	34111-1DG	278	343526S	203	34486-P03	279
323511M	140	333018M	139	335008M	143	34111-1EG	278	343528S	203	34487-1AG	275
323512M	140	333018S	139	335009M	143	34111-2DG	278	34362-1CG	263	34488	279
323512S	140	333019M	139	335010M	143	34111-2EG	278	34362-1DG	263	34488-05A	279
323513M	140	333019S	139	335011M	143	341118-17M	339	34362-1DK	263	34488-26	280
323514M	140	333020M	139	335012M	143	341142-22M	339	34362-1EG	263	34488-P03	279
323514S	140	333020S	139	335013M	143	341155-26M	339	34362-1GG	263	34501107M	268
323515M	140	333021M	139	335014M	143	341165-29M	339	34362-2CG	263	34501108M	268
323516M	140	333022M	139	335015M	143	3411003MR01	339	34362-2DG	263	34501108S	268
323516S	140	333022S	139	335016M	143	341214M	512	34362-2DK	263	34501109M	268
323517M	140	333023M	139	335017M	143	3419PP	205	34362-2EG	263	34501110M	268
323518M	140	333024M	139	335018M	143	34207-1A	276	34362-2GG	263	34501110S	268
323518S	140	333024S	139	335019M	143	34211-3DG	278	34362-3DG	263	34501111M	268
323519M	140	333026S	139	335108M	143	34223-1A	273	34367-2AG	275	34501112M	268
323520S	140	333028S	139	335109M	143	34223-1B	273	3436A-2DG	266	34501112S	268
323521M	140	333030S	139	335110M	143	34223-1C	273	3436A-2DK	266	34501113M	268
323522M	140	333032S	139	335111M	143	34223-1DK1	273	3436A-2DK	268	34501114M	268
323522S	140	33311-020	237	335112M	143	34262-1CG	263	3436A-2DK01	266	34501114S	268
323524M	140	33311-021	237	335113M	143	34262-1DG	263	3436A-2DK01	268	34501115M	268
323524S	140	333506M	139	335114M	143	34262-1DK	263	3436A-2EG	266	34501116M	268
323526S	140	333507M	139	335115M	143	34262-1EG	263	3436C-1DF	265	34501116S	268
323528S	140	333508M	139	335116M	143	34262-1GG	263	3436C-1DK	265	34501117M	268
323530S	140	333508S	139	335117M	143	34262-2DG	263	3436C-2DF	265	34501118M	268
323532S	140	333509M	139	335118M	143	34262-3DG	263	3436E-1DK	271	34501118S	268
32518MR	351	333510M	139	335119M	143	3426A-1DG	266	3436E-1HG	271	34501119M	268
32518MR01	352	333510S	139	33611-055	241	3426A-1DK	266	3436E-2HG	271	34501120S	268
32518MR02	352	333511M	139	33611-056	241	3426A-1DK	268	3436E-3HG	271	34501121M	268
3260-03P	204	333511S	139	33612-055	241	3426A-1DK01	268	34387-2AG	275	34501122M	268
3260-04P	204	333512M	139	33612-056	241	3426A-1EG	266	34407-1A	276	34501122S	268
3260-05P	204	333512S	139	33621-075	241	3426A-2DG	266	34407T-1A	276	34501124M	268
3260-06P	204	333513M	139	33621-076	241	3426A-2EG	266	34423-1A	273	34501124S	268
3260-08P	204	333514M	139	33622-075	241	3426C-1DF	265	34423-1B	273	34501127M	268
3260-10P	204	333514S	139	33622-076	241	3426C-1DK	265	34423-1C	273	34501130M	268
32607MR	388	333515M	139	33631-110	242	3426C-2DF	265	34423-1DK1	273	34501132M	268
327504M	140	333515S	139	33631-111	242	3426E-1DK	271	34423-2A	273	34501136M	268
327505M	140	333516M	139	33632-110	242	3426E-1HG	271	34423-2B	273	34501213M	269
327506M	140	333516S	139	33632-111	242	34307-1A	276	34423-2C	273	34501214M	269
327507M	140	333517M	139	33671-160	244	34323-1A	273	34423-3DK	273	34501215M	269
327508M	140	333518M	139	33672-160	244	34323-1B	273	3442F-1KF	272	34501216M	269
327510M	140	333518S	139	33681-100	242	34323-1C	273	3442F-3KF	272	34501216S	269
327511M	140	333519M	139	33681-101	242	34323-1DK1	273	34440	278	34501217M	269
327512M	140	333519S	139	337504M	140	34323-2A	273	34440A	278	34501218M	269
327514M	140	333520M	139	337505M	140	34323-2B	273	3445G-1FB	274	34501218S	269
327516M	140	333520S	139	337506M	140	34323-2C	273	34462-1CG	263	34501219M	269
327518M	140	333521M	139	337507M	140	34323-2DK1	273	34462-1DG	263	34501220S	269
32809MR	360	333522M	139	337508M	140	3432F-1KF	272	34462-1DK	263	34501221M	269
3293-03	147	333522S	139	337510M	140	3432F-3KF	272	34462-1EG	263	34501222M	269
3293-06	147	333523M	139	337511M	140	343506M	202	34462-1FG	263	34501222S	269
3293-10	147	333524M	139	337512M	140	343507M	202	34462-1GG	263	34501223M	269
33 XXX		333524S	139	337514M	140	343508M	202	34462-2CG	263	34501224M	269
33108MR	344	333526S	139	337516M	140	343508S	203	34462-2DG	263	34501224S	269
3311-06	147	333528S	139	337518M	140	343509M	202	34462-3DG	263	34501225M	269
3311-12	147	333530S	139	33811-150	245	343510M	202	34462-3DK	263	34501226M	269
33111	253	333532S	139	33812-150	245	343510S	203	34462-4DG	263	34501226S	269
33112	253	33411-020	237	33831-180	245	343511M	202	34462-2EG	263	34501227M	269
		33411-021	237	33832-180	245			34462-2FG	263	34501228S	269

Index

34501230M .....269	345102E08MR..270	3485G-2DB .....274	357506M .....203	372112M .....308	373220S .....305
34501230S .....269	345104D08MR..270	34862-1CG .....263	357507M .....203	372112S .....308	373221M .....305
34501232M .....269	34512-1CG .....267	34862-1DG .....263	357508M .....203	372113M .....308	373222M .....305
34501232S .....269	34512-1DG .....267	34862-1DK .....263	357510M .....203	372114M .....308	373222S .....305
34501234M .....269	34512-1EG .....267	34862-1DK .....264	357512M .....203	372114S .....308	373224M .....305
34501236M .....269	34512-1FG .....267	34862-1EG .....263	357514M .....203	372115M .....308	373224S .....305
34501236S .....269	34512-2CCG .....267	34862-1GG .....263	36 xxx	372116M .....308	373225H .....309
34501238M .....269	34512-2DG .....267	34862-2CF .....264	3602MR .....143	372116S .....308	373228S .....305
34501240M .....269	34512-2EG .....267	34862-2CG .....264	3611-06P .....311	372117M .....308	373230S .....305
34501240S .....269	34512-2FG .....267	34862-2DF .....264	3611-06R .....311	372118M .....308	37323-080 .....251
34501241M .....269	34512-3CG .....267	34862-2DG .....264	3611-08P .....311	372118S .....308	37323-081 .....251
34501248S .....269	34512-3DG .....267	34862-2DK .....263	3611-08R .....311	372119M .....308	37334-080 .....252
34501410M .....269	34512-3EG .....267	34862-2DK .....264	3611-10P .....311	372120S .....308	37334-081 .....252
34501411M .....269	34512-3FG .....267	34862-2EF .....264	3611-10R .....311	372122S .....308	37335-030 .....252
34501412M .....269	34512-4DG .....267	34862-2EG .....264	3611-12P .....311	372124S .....308	37335-075 .....252
34501413M .....269	3452-08F .....147	34862-2FF .....264	3611-12R .....311	37221-030 .....252	37335-076 .....252
34501414M .....269	3452-08G .....147	34862-1FG .....263	3611-15HP .....311	37221-031 .....252	37360809M .....307
34501416M .....269	3452-10F .....147	34862-2FG .....264	3611-15HR .....311	37235-030 .....252	37361011M .....307
34501417M .....269	3452-10G .....147	34862-2GG .....264	3611-18HP .....311	37235-031 .....252	37361013M .....307
34501418M .....269	345201D11MR..270	34862-3CF .....265	3611-18HR .....311	3725-08F .....145	37361213M .....307
34501419M .....269	345201E11MR..270	34862-3DK .....265	3611-24HP .....311	3725-08G .....145	37361415M .....307
34501421M .....269	345202D11MR..270	34862-3DK90...265	3611-24HR .....311	3725DK .....145	37361618M .....307
34501422M .....269	345202E11MR..270	34862-3DK91...265	3612MR .....143	373008M .....304	37361719M .....307
34502107M .....269	345203D11MR..270	34862-3DK92...265	3616-10 .....312	373009M .....304	37370607M .....307
34502108M .....269	345203E11MR..270	34862-3FF .....265	36206MR .....349	373010M .....304	37370809M .....307
34502108S .....269	34522-1CG .....267	3488A03MP .....281	363016 .....142	373011M .....304	37371011M .....307
34502110M .....269	34522-1DG .....267	35 xxx	363016 .....501	373012M .....304	37371213M .....307
34502110S .....269	34522-1EG .....267	3508MR .....150	363021 .....142	373013M .....304	37371415M .....307
34502111M .....269	34522-1FG .....267	3508MR10 .....148	363021 .....501	373014M .....304	37371618M .....307
34502112M .....269	34522-2CG .....267	3508SR .....150	3631-10R .....311	373015M .....304	37371719M .....307
34502112S .....269	34522-2DG .....267	35105MR .....346	363516 .....142	373016M .....304	37372123M .....307
34502113M .....269	34522-2EG .....267	35107MR .....346	363516 .....501	373017M .....304	37372224M .....307
34502114M .....269	34522-2FG .....267	3511-06 .....317	363521 .....142	373018M .....304	373810M .....308
34502114S .....269	34522-3CG .....267	3511-10 .....317	363521 .....501	373019M .....304	373811M .....308
34502115M .....269	34522-3DG .....267	35114MR .....349	3641-35 .....312	373108M .....305	373812M .....308
34502116M .....269	34522-3EG .....267	35114MR01 .....349	3641-50 .....312	373109M .....305	373813M .....308
34502116S .....269	34522-3FG .....267	35116MR01 .....346	3641-80 .....312	373110M .....305	373814M .....308
34502117M .....269	34522-4DG .....267	3513MR .....148	3641-C0 .....312	373111M .....305	373815M .....308
34502118M .....269	34522-5DG .....267	3520MR .....151	3641-10 .....312	373112M .....305	373816M .....308
34502118S .....269	34522-6DG .....267	3520MR02 .....151	365014A .....141	373113M .....305	373817M .....308
34502119M .....269	34522-7DG .....267	3520MR .....347	365014B .....141	373114M .....305	373819M .....308
34502120S .....269	34522-8DG .....267	3523MR .....151	365016A .....141	373115M .....305	373A08M .....306
34502121M .....269	34522-9DG .....267	3523MRV10 .....151	365016B .....141	373116M .....305	373A10M .....306
34502122M .....269	3452DK .....147	3524MR .....152	366016 .....501	373117M .....305	373A12M .....306
34502122S .....269	34607-1A .....277	3527MR .....152	366016 .....142	373118M .....305	373A13M .....306
34502124S .....269	3465G-1FB .....274	3534MR .....152	366021 .....501	373119M .....305	373A14M .....306
34502126S .....269	3465G-2FB .....274	353506M .....202	366021 .....142	373121M .....305	373A17M .....306
34502128S .....269	3465G-3FB .....274	353507M .....202	366516 .....142	373122M .....305	373A19M .....306
34502213M .....270	34660 .....278	353508M .....202	366516 .....501	373124M .....305	37423-080 .....251
34502214M .....270	34660A .....278	353508S .....202	366521 .....142	373127M .....305	37423-081 .....251
34502215M .....270	34662-1CG .....263	353509M .....202	366521 .....501	373130M .....305	37434-080 .....252
34502216M .....270	34662-1DG .....263	353510M .....202	367014 .....142	373132M .....305	37434-081 .....252
34502216S .....270	34662-1DK .....263	353510S .....202	367016 .....142	373202H .....309	37435-075 .....252
34502217M .....270	34662-1EG .....263	353511M .....202	367018 .....142	373202R .....309	37435-076 .....252
34502218M .....270	34662-1GG .....263	353512M .....202	367021 .....142	373203R .....309	375010M .....143
34502218S .....270	34662-2CG .....263	353512S .....202	367514 .....142	373204R .....309	375011M .....143
34502219M .....270	34662-2DG .....263	353513M .....202	367516 .....142	373207M .....305	375012M .....143
34502220S .....270	34662-2EG .....263	353514M .....202	367518 .....142	373208M .....305	375012S .....143
34502221M .....270	34662-2GG .....263	353514S .....202	367521 .....142	373209M .....305	375013M .....143
34502222M .....270	34662-3CG .....263	353515M .....202	36B014 .....141	373210M .....305	375014M .....143
34502224M .....270	34662-3DG .....263	353516M .....202	36B014 .....501	373210S .....305	375014S .....143
34502224S .....270	34662-3DK1 .....263	353516S .....202	36B018 .....141	373211M .....305	375015M .....143
34502227M .....270	34662-3EG .....263	353517M .....202	36B018 .....501	373212M .....305	375016M .....143
34502230M .....270	34662-4EG .....263	353518M .....202	36B514 .....141	373212S .....305	375016S .....143
34502232M .....270	34662-3GG .....263	353518S .....202	36B514 .....501	373213M .....305	375017M .....143
34502234M .....270	3466A-1DK .....268	353519M .....202	36C014 .....141	373214M .....305	375018M .....143
34502236M .....270	3466A-1DK01 .....268	353520S .....202	36C014 .....501	373214S .....305	375018S .....143
34502241M .....270	3466E-1DK .....271	353522S .....202	36D014 .....141	373215M .....305	375019M .....143
34503102R .....268	3466E-1HG .....271	353524S .....202	36D014 .....501	373216M .....305	375020S .....143
34503103R .....268	3466E-2HG .....271	3537MR .....153	37 xxx	373216S .....305	375022S .....143
34503104R .....268	34688 .....279	3568MR .....153	3716MR .....142	373217M .....305	375024S .....143
34503203R .....268	34688-05A .....279	3568MR-A .....153	372108M .....308	373218M .....305	3752-09G .....145
34503204R .....268	34688-P01 .....279	3568MR-D .....153	372110M .....308	373218S .....305	3752DK .....145
34503206R .....268	34688-P02 .....279	3571-08 .....147	372110S .....308	373219M .....305	3755-08G .....145
345101E08MR..270	34688-P03 .....279	357505M .....203	372111M .....308	37321-050 .....252	3755DK .....145
345102D08MR..270	3485G-1DB .....274			37321-051 .....252	3756-08G .....145

Index

3756DK	145	4016SR	170	403325	160	405508M	210	4110SR10	166	423028M	155
3760-05G	431	402102	159	403327	160	405508S	210	4111FR	175	423028S	155
3760-45	145	402103	159	403330	160	405510M	210	4112FR	175	423029M	155
3760DK	145	402104	159	403340	160	405510S	210	4116PR	167	423030M	155
3761-08F	146	402208	159	403345	160	405512M	210	4117PR	169	423030S	155
3761-08P	146	402210	159	403350	160	405512S	210	4118MR	166	423032M	155
3761DK	146	402212	159	403355	160	405513M	210	4119PR	169	423032S	155
3769-08F	146	402214	159	403360	160	405514M	210	4119PR10	167	423033M	155
3769-08P	146	402216	159	403370	160	405514S	210	4120PR	169	423034S	155
3769DK	146	402320	160	4033MR	171	405516M	210	4120PR10	167	423036M	155
3771-08F	146	402325	160	4033SR	171	405516S	210	4121-11GR	164	423036S	155
3771-08G	146	402327	160	4034MR	173	405517M	210	4126PR	167	423038S	155
3771DK	146	402330	160	403504	159	405518M	210	4128PR	169	423040S	155
3774-08F	146	402340	160	403505	159	405519M	210	4136PR	167	423508M	156
3774-08G	146	402345	160	403506	159	405608M	211	414708S	212	423509M	156
3774DK	146	402350	160	403507	159	405610M	211	414710M	212	423510M	156
3779-08F	146	402355	160	403508	159	405612M	211	414710S	212	423510S	156
3779-08G	146	402360	160	403509	159	40603GP	327	414808S	165	423511M	156
3779DK	146	402370	160	403510	159	406325	211	414810M	165	423512M	156
3781-11F	147	4024MR	171	403511	159	406327	211	414810S	165	423512S	156
3781-11P	147	4024SR	171	403512	159	406330	211	414A08S	212	423513M	156
3781DK	147	402503	159	403514	159	406340	211	41526MR	175	423514M	156
378508M	142	402504	159	403517	159	406345	211	42 XXX		423514S	156
378509M	142	402505	159	403519	159	406350	211	4208MR	168	423515M	156
378510M	142	402506	159	403605	159	406355	211	4208MR10	166	423516M	156
378512M	142	402506S	159	403606	159	406360	211	4208SR	168	423516S	156
378514M	142	402507	159	403608	159	406504M	211	42104GP	326	423517M	156
378516M	142	402507S	159	403610	159	406505M	211	42104GP01	326	423518M	156
3789DK	153	402508	159	403612	159	406506M	211	42107GX	404	423518S	156
3792	148	402508S	159	403614	159	406508M	211	42114GP	326	423519M	156
3794	148	402509	159	403720	160	406510M	211	42116GP	326	423520M	156
3795-15	317	402509S	159	403725	160	406512M	211	4213MR	168	423520S	156
3795-18	317	402510	159	403727	160	406514M	211	42124GP	326	423521M	156
3795-24	317	402510S	159	403730	160	406608	159	42124GP01	326	423522M	156
3795-30	317	402512	159	403740	160	406609	159	4215MR	168	423522S	156
3796P	204	402512S	159	403745	160	406610	159	4215MR	168	423523M	156
38 XXX		402514	159	403750	160	406612	159	42154GP	326	423524M	156
3812	148	402514S	159	403755	160	406614	159	4216MR	168	423524S	156
3814	148	402516S	159	403760	160	406616	159	4220MR	170	423525M	156
3862P	204	402517	159	404108	160	4066MR	157	4221-18	164	423526M	156
3864P	204	402518S	159	4042CR	174	4066MR-A	157	4221-24	164	423526S	156
39 XXX		402519	159	4042CR02	174	4066MR-D	157	4221-30	164	423527M	156
39110312M	431	402520S	159	4044CR	174	4066SR	157	4221-36	164	423528M	156
39123010M	431	402524S	159	404605	159	4066SR-A	157	42213GP01	326	423528S	156
39123012M	431	402605	159	404607	159	4066SR-D	157	4223-02R	164	423529M	156
39124012M	431	402606	159	404608	159	4072MR	155	4223-05R	164	423530M	156
40 XXX		402608	159	404610	159	4072MR-A	155	4223-10R	164	423530S	156
4010MR	166	402610	159	404612	159	4072MR-D	155	423008M	155	423532M	156
4010SR	166	402612	159	404614	159	4072SR	155	423009M	155	423532S	156
4012MR	170	402614	159	404904	160	4072SR-A	155	423010M	155	423533M	156
4012SR	170	402616	159	404905	160	4072SR-D	155	423010S	155	423534S	156
401408M	156	402618	159	404906	160	407505M	212	423011M	155	423536M	156
401409M	156	4026MR	172	404907	160	407506M	212	423012M	155	423536S	156
401410M	156	4026MR03	172	404908	160	407508M	212	423012S	155	423538M	156
401411M	156	4026MR04	172	404909	160	407510M	212	423013M	155	423538S	156
401412M	156	4026SR	172	404910	160	407512M	212	423014M	155	423540S	156
401413M	156	4026SR03	172	404912	160	407514M	212	423014S	155	423541M	156
401414M	156	402720	160	404913	160	409616M	211	423015M	155	423542S	156
401419M	156	402725	160	404914	160	40D006	159	423016M	155	423544S	156
401505M	211	402727	160	404916	160	40D008	159	423017M	155	423546S	156
401506M	211	402730	160	404925	160	40D010	159	423018M	155	423548S	156
401507M	211	402740	160	405320	211	40D506	159	423018S	155	424508M	156
401508M	211	402745	160	405325	211	40D508	159	423019M	155	424509M	156
401508S	211	402750	160	405327	211	40D510	159	423020M	155	424510M	156
401509M	211	402755	160	405330	211	41 XXX		423020S	155	424512M	156
401510M	211	402760	160	405340	211	41026MR	175	423021M	155	424513M	156
401510S	211	4028MR	173	405345	211	4104PR	164	423022M	155	424514M	156
401512M	211	4028SR	173	405350	211	4105PR	167	423022S	155	4251-02R	164
401512S	211	402A10	160	405355	211	4106PR	166	423023M	155	4251-03R	164
401513M	211	402B16	160	405360	211	4108FR	175	423024M	155	4251-04R	164
401514M	211	402B18	160	405370	211	4108PR10	167	423024S	155	4251-05R	164
401516S	211	4030CR	171	405504M	210	4109PR	169	423025M	155	4251-06R	164
401517M	211	4030CR01	171	405505M	210	4109PR10	167	423026M	155	4251-08R	164
401519M	211	4032MR	173	405506M	210	4110PR	169	423026S	155	4251-10R	164
		4032SR	173	405506S	210	4110PR10	166	423027M	155	425508M	156
		403320	160	405507M	210					425509M	156

Index

425510M	156	433017MR	154	433534SR	154	443040S	207	4472MP	206	453026S	205
425512M	156	433018MR	154	433536MR	154	443042S	207	4472SP	206	453027M	205
425513M	156	433018SR	154	433536SR	154	443048S	207	4476MP	218	453028M	205
425514M	156	433019MR	154	433538MR	154	443508M	207	44801AMP	249	453028S	205
4260-03	212	433019SR	154	433538SR	154	443509M	207	44801AMP01	249	453029M	205
4260-03P	212	433020MR	154	433539MR	154	443510M	207	44801BMP	249	453030M	205
4260-04	212	433020SR	154	433540SR	154	443510S	207	44801BMP01	249	453030S	205
4260-04P	212	433021MR	154	433541MR	154	443511M	207	44801FMP	249	453032M	205
4260-05	212	433022MR	154	433546MR	154	443512M	207	44801FMP01	249	453032S	205
4260-05P	212	433022SR	154	437508M	157	443512S	207	44802AMP	250	453033M	205
4260-06	212	433023MR	154	437510M	157	443513M	207	44802BMP	250	453034M	205
4260-06P	212	433024MR	154	437512M	157	443514M	207	44802FMP	250	453034S	205
4260-08	212	433024SR	154	437514M	157	443514S	207	4481PP1	213	453036M	205
4260-08P	212	433025MR	154	437516M	157	443515M	207	44K928M	158	453036S	205
4260-10	212	433025SR	154	437518M	157	443516M	207	44K932M	158	453038M	205
4260-10P	212	433026MR	154	437520M	157	443516S	207	44K938M	158	453038S	205
4260-12	212	433026SR	154	437522M	157	443517M	207	45 xxx		453041M	205
4260-12P	212	433027MR	154	437524M	157	443518M	207	4501MR	169	4532MR	173
4260-16	212	433028MR	154	44 xxx		443518S	207	4503MR	313	4532SR	173
4260-16P	212	433028SR	154	4405MX	217	443519M	207	4505MR	175	4533MR	171
4269-08-90	213	433029MR	154	4406MX	217	443520M	207	4505SR	175	4533SR	171
4269-08-A0	213	433030MR	154	4407MP	218	443520S	207	4506MR	313	4534MR	173
4269-08-B0	213	433030SR	154	4408MP	215	443521M	207	4510MR	166	453508M	206
4269-08-C0	213	433032MR	154	4408SP	215	443522M	207	4510SR	166	453509M	206
4269-08-D5	213	433032SR	154	4410MP	216	443522S	207	4511-06	317	453510M	206
4269-08-F0	213	433033MR	154	4410MP01	216	443523M	207	4511-10	317	453510S	206
4269-08-G0	213	433034MR	154	4410SP	216	443524M	207	45115PP	537	453511M	206
4269-08-H5	213	433034SR	154	44116MP	248	443524S	207	4511MR	169	453512M	206
4269-08-J0	213	433036MR	154	44116MP04	248	443525M	207	4511SR	169	453512S	206
4269-08-K0	213	433036SR	154	44116MP10	248	443526M	207	4512MR	170	453513M	206
427508M	157	433038SR	154	44118MP	248	443526S	207	4512SR	170	453514M	206
427510M	157	433040SR	154	44118MP04	248	443527M	207	4516MR	170	453514S	206
427512M	157	433044SR	154	44118MP10	248	443528M	207	45211PP	537	453515M	206
427514M	157	433506MR	154	4412MP	215	443528S	207	4523MRV01	171	453516M	206
427516M	157	433507MR	154	4413MP	215	443529M	207	4524MR	171	453516S	206
427518M	157	433508MR	154	4414MP	215	443530M	207	4524SR	171	453517M	206
427520M	157	433509MR	154	4414SP	215	443530S	207	452513M	206	453518M	206
427522M	157	433510MR	154	441517M	209	443532M	207	452514M	206	453518S	206
427524M	157	433510SR	154	441519M	209	443532S	207	452517M	206	453519M	206
4293-02	164	433511MR	154	441521M	209	443533M	207	452519M	206	453520M	206
4293-05	164	433512MR	154	441522M	209	443534M	207	452521M	206	453520S	206
4293-10	164	433512SR	154	4415MP	215	443534S	208	452522M	206	453521M	206
43 xxx		433513MR	154	4415MP03	215	443536M	207	452524M	206	453522M	206
4308MR	168	433514MR	154	4416SP	215	443536S	208	4526MR	172	453522S	206
4308MR10	166	433514SR	154	4417PP	218	443538M	207	4526MR03	172	453523M	206
4311-16F	164	433515MR	154	4418MP	218	443538S	208	4526MR15	172	453524M	206
4311-16G	164	433515SR	154	4423MP	215	443540S	208	4526SR	172	453524S	206
4311MR	166	433516MR	154	443008M	207	443541M	207	4526SR03	172	453525M	206
4313MR01	168	433516SR	154	443009M	207	443542S	208	4528MR	173	453526M	206
4315MR	168	433517MR	154	443010M	207	443546M	207	4528SR	173	453526S	206
4316MR	168	433518MR	154	443011M	207	4440MP	217	453008M	205	453527M	206
4320MR	170	433518SR	154	443012M	207	4440SP	217	453009M	205	453528M	206
4325MR	170	433519MR	154	443013M	207	4450MP	217	453010M	205	453528S	206
43250115Y	534	433519SR	154	443014M	207	4450SP	217	453011M	205	453529M	206
43260115Y	535	433520MR	154	443015M	207	44506MP	248	453012M	205	453530M	206
43270115Y	535	433520SR	154	443016M	207	44506MP01	248	453013M	205	453530S	206
43290115Y	535	433521MR	154	443017M	207	44506MP10	248	453014M	205	453532M	206
43280212	534	433522MR	154	443018M	207	4452-15FR	164	453015M	205	453532S	206
432A0113	535	433522SR	154	443019M	207	4452-18FR	164	453016M	205	453533M	206
432A0213	535	433523MR	154	443020M	207	4452-24FR	164	453016S	205	453534M	206
433008MR	154	433524MR	154	443020S	207	4452DK	164	453017M	205	453534S	206
433009MR	154	433524SR	154	443021M	207	4452DK1	164	453018M	205	453535M	206
433010MR	154	433525MR	154	443022M	207	4453-15F	164	453018S	205	453536M	206
433010SR	154	433525SR	154	443023M	207	4453-18F	164	453019M	205	453536S	206
433011MR	154	433526MR	154	443024M	207	4457MP	218	453020M	205	453537M	206
433012MR	154	433526SR	154	443024S	207	4462-18F	164	453020S	205	453538M	206
433012SR	154	433527MR	154	443027M	207	4462-24F	164	453021M	205	453538S	206
433013MR	154	433528MR	154	443027M	207	4462DK	164	453022M	205	453539M	206
433013SR	154	433528SR	154	443028S	207	4466MP	208	453023M	205	453540S	206
433014MR	154	433529MR	154	443030M	207	4466MP-A	208	453024M	205	453541M	206
433014SR	154	433529MR	154	443030S	207	4466MP-DA	208	453024S	205	453546M	206
433015MR	154	433530MR	154	443032M	207	4466MP-DB	208	453025M	205	4535MR	174
433015SR	154	433530SR	154	443032M	207	4466SP	208	453026M	205	4542CR	174
433016MR	154	433532MR	154	443032S	207	4466SP-A	208			4542CR02	174
433016SR	154	433532SR	154	443034S	207	4466SP-D	208			4544CR	174
		433533MR	154	443036M	207	4467PP	218			4566MR	157
		433534MR	154	443036S	207						

Index

4566MR-A	157	4771-10FR	162	493017M	208	4B5513M	210	5450-10	352	59702022	296
4566MR-D	157	4771-10GR	162	493018M	208	4B5514M	210	55 xxx		59702224	296
4572-10	164	4771DK	162	493019M	208	4B5514S	210	5522MR	182	59702428	296
4572-12	164	4772-10F	163	493020M	208	4B5515M	210	57 xxx		59702628	296
4572DK	164	4772-10FS	163	493021M	208	4B5516M	210	572210M	316	59703032	296
4572MR	155	4772-10G	163	493022M	208	4B5516S	210	572212M	316	59703436	296
4572MR-A	155	4772-10GS	163	493023M	208	4B5517M	210	574208M	316	59703640	296
4572MR-D	155	4772DK	163	493024M	208	4B5518M	210	574212M	316	59703842	296
4572SR	155	4772DK01	163	493027M	208	4B5518S	210	574213M	316	60 xxx	
4572SR-A	155	4774-10F	163	493030M	208	4B5519M	210	574214M	316	6011-05R	328
4572SR-D	155	4774-10G	163	493032M	208	4B5520S	210	574217M	316	6011-07N	328
4573-10R	165	4774DK01	163	493036M	208	4B5521M	210	575208M	316	6011-07R	328
4573DK	165	4779-10BR	163	493510M	208	4B5522M	210	575210M	316	6011-10N	328
457510M	209	4779-10FR	163	493510S	209	4B5522S	210	575212M	316	6011-10R	328
457512M	209	4779-10GR	163	493511M	208	4B5524M	210	575213M	316	6012-07N	328
457514M	209	4779DK01	163	493512M	208	4B5524S	210	575214M	316	6012-10N	328
457516M	209	4781-12F	163	493512S	209	4B5526S	210	575217M	316	6014MR	179
457518M	209	4781-12P	163	493513M	208	4B5528S	210	576208M	316	6014MR12	180
457520M	209	4781DK	163	493514M	208	4B5530S	210	576210M	316	601514M	221
4581-10	165	4791R	165	493514S	209	50 xxx		576212M	316	601517M	221
4583-12R	165	4794	165	493516M	209	5022MR	182	576213M	316	601519M	221
4584-12R	165	4795-18	317	493516S	209	5022SR	182	576214M	316	601521M	221
46 xxx		4795-24	317	493517M	209	502503H	355	576217M	316	601522M	221
463014RC	158	4795-30	317	493518S	209	502503H.B	355	577208M	316	601524M	221
463016R	158	4795-36	317	493519M	209	502504H	355	577210M	316	601527M	221
463021R	158	4796	214	493520S	209	502504H.B	355	577212M	316	6016MR	179
463514RC	158	4797	214	493521M	209	502505H	355	577213M	316	6016SR	179
463516R	158	4797P	214	493522M	209	502505H.B	355	577214M	316	602360	177
463521R	158	4798	214	493522S	209	502506H	355	577217M	316	602370	177
466016	158	4798P	214	493523M	209	502506H.B	355	577406M	316	602380	177
466021	158	479AP	214	493524M	209	502507H	355	577407M	316	602390	177
466516	158			493524S	209	502507H.B	355	577408M	316	6023A0	177
466521	158	48 xxx		493526M	209	502508H	355	577409M	316	602514	178
467014C	158	4813	165	493526S	209	502508H.B	355	577410M	316	602517	178
467016	158	4815MP04	216	493527M	209	502509H	355	577411M	316	602519	178
467021	158	4815MP05	216	493528S	209	502509H.B	355	577412M	316	602522	178
467514C	158	4816	165	493530M	209	502510H	355	577413M	316	6023MR	179
467516	158	48280180	534	493530S	209	502510H.B	355	577414M	316	6023SR	179
467521	158	483510M	208	493532S	209	5039CR	183	577415M	316	6031-07N	328
47 xxx		483511M	208	493534S	209	5060-08	290	577416M	316	6031-07R	328
4724-01	339	483512M	208	493536S	209	5060-10	290	577417M	316	6031-10N	328
4724-11G	339	483513M	208	493538S	209	5060-12	290	577418M	316	6031-10R	328
4725-10FR	161	483514M	208	493540S	209	5060-14	290	577419M	316	609616M	222
4725-10GR	161	483516M	208	494517MX	209	5060-16	290	59 xxx		609616M10H	222
4725-12BR	161	483517M	208	494519MX	209	5060-18	290	59000810	294	609616M12H	222
4725-12FR	161	483519M	208	494521MX	209	5060-20	290	59001012	294	609616M14H	222
4725-12GR	161	483521M	208	4A xxx		5060-22	290	59001214	294	609616M17H	222
4725DKR01	161	483522M	208	4A5510M	210	5060-24	290	59001416	294	609616M19H	222
4752-12G	161	483523M	208	4A5511M	210	5060-26	290	59001618	294	609616M22H	222
4752DK	161	483524M	208	4A5512M	210	5060-28	290	59001820	294	609622M	222
4755-10G	161	483526M	208	4A5512S	210	5060-30	290	59002022	294	609622M19H	222
4755DK	161	483527M	208	4A5513M	210	5060-32	290	59002224	294	609622M22H	222
4756-10G	161	483530M	208	4A5514M	210	5060-34	290	59002628	294	609622M24H	222
4756DK	161	483535M	208	4A5514S	210	5060-36	290	59003032	294	609622M27H	222
4760-05	162	4863	214	4A5515M	210	5060-40	290	59003034	294	609622M30H	222
4760-05G	162	4863P	214	4A5516M	210	5071-42	290	59003236	294	609622M32H	222
4760DK	162	4866	214	4A5516S	210	5071-44	290	59003640	294	61 xxx	
4762-10F	162	4866P	214	4A5517M	210	5071-46	290	59301012	300	6111-06	321
4762-10G	162	4873	214	4A5518M	210	5071-48	290	59301214	300	6111-07	321
4762-10P	162	4873P	214	4A5518S	210	5071-50	290	59301618	300	6111-07C	321
4762-15F	162	49 xxx		4A5519M	210	5071-52	290	59301820	300	6111-08	321
4762-15G	162	49151719M	209	4A5520S	210	5071-54	290	59302224	300	6111-08C	321
4762-15P	162	49151921M	209	4A5521M	210	5071-56	290	59302428	300	6112-09	321
4762DK	162	49152122M	209	4A5522M	210	5071-58	290	59601214	295	6112-09C	321
4766DK	547	49152123M	209	4A5522S	210	5071-60	290	59601618	295	6114-05	321
4767-10F	162	49152426S	209	4A5524M	210	5071-62	290	59602022	295	6116-07A	327
4767DK	162	493008M	208	4A5524S	210	5071-64	290	59602428	295	6116-08A	327
4768-10F	162	493009M	208	4A5526S	210	5084-16	309	59603032	295	6121-06X	329
4768-10G	162	493010M	208	4A5528S	210	5084-18	309	59700810	296	6121-09X	329
4768-10P	162	493011M	208	4A5530S	210	5092CR	183	59701012	296	6122-06X	329
4768-15F	162	493012M	208	4B xxx21		51 xxx		59701214	296	6122-09X	329
4768-15G	162	493013M	208	4B5510M	210	5169PR	360	59701416	296	6131-12	324
4768-15P	162	493014M	208	4B5511M	210	54 xxx		59701618	296	6131-12P01	324
4768DK	162	493015M	208	4B5512M	210	5450-08	352	59701820	296	6131-14	324
4771-10BR	162	493016M	208	4B5512S	210					6131-14P01	324

Index

6131-18	324	623543M	177	633038M	176	633551M	176	643546M	220	6521-26	335
6131-18P01	324	623544M	177	633038S	176	633552M	177	643546S	220	653017M	219
6131-24	324	623545M	177	633040S	176	633553M	177	643548M	220	653019M	219
6131-24P01	324	623546M	177	633041M	176	633554M	177	643548S	220	653021M	219
6131-30	324	623547M	177	633042M	176	633555M	177	643550M	220	653022M	219
6131-30P01	324	623548M	177	633042S	176	633556M	177	643550S	220	653023M	219
6131-36	324	623549M	177	633044S	176	633557M	177	643552S	220	653024M	219
6131-36P01	324	623550M	177	633046M	176	633558M	177	643554S	220	653026M	219
6131-42	324	623551M	177	633046S	176	633559M	177	643555M	220	653027M	219
6131-42P01	324	623552M	177	633048M	176	633560M	177	643556S	220	653028M	219
6133-08	324	623553M	177	633048S	176	633562M	177	643558S	220	653029M	219
6141-06C	399	623554M	177	633050M	176	633563M	177	643560M	220	653030M	219
6141-08C	399	623555M	177	633054M	176	633564M	177	643560S	220	653032M	219
6146-08A	327	623556M	177	633055M	176	633565M	177	643562S	220	653033M	219
62 xxx		623557M	177	633050S	176	633570M	177	643564S	220	653034M	219
6207-05	384	623558M	177	633052S	176	6336-08A	327	643565M	220	653035M	219
6211-06	321	623559M	177	633054S	176	6337-06	386	6452-18F	178	653036M	219
6213-06	321	623560M	177	633056S	176	6339-13C	322	6452-30F	178	653038M	219
6214-05	321	623563M	177	633058M	176	6347-05	386	6452DK	178	653040M	219
6214-45	321	623565M	177	633058S	176	6367-06	385	6463-08C	323	653041M	219
6216-06A	327	623570M	177	633060M	176	6377-55	385	647518M	221	653042M	219
6217-05	384	6236-07A	327	633060S	176	63A7-05	386	647520M	221	653046M	219
6224CR	179	6247-05	384	633062S	176	63B7-05	386	647522M	221	653063M	219
6226CR	180	6251-04	178	633063M	176	64 xxx		647524M	221	653065M	219
623017M	177	6251-08	178	633064S	176	6408MP	224	64801AMP	250	653070M	219
623018M	177	6251-16	178	633065M	176	6408MP10	224	64801BMP	250	6531-10	335
623019M	177	6260-04	223	633066S	176	6408SP10	224	64801FMP	250	6531-12	335
623020M	177	6260-04P	223	633068S	176	6409MP	224	64K975M	178	6531-14	335
623021M	177	6260-07	223	633070M	176	6409MP03	224	65 xxx		6531-18	335
623022M	177	6260-07P	223	633070S	176	6409SP10	224	651017M	218	6531-24	335
623023M	177	6260-10	223	633072S	176	6410MP	224	651018M	218	6531-36	335
623024M	177	6260-10P	223	633074S	176	6410SP	224	651019M	218	6531-48	335
623025M	177	6260-13	223	633076S	176	6411-06	323	651021M	218	6532-08	336
623026M	177	6260-13P	223	633078S	176	64111MP	250	651022M	218	6532-10	336
623027M	177	6271-05C	385	633080S	176	64111MP01	250	651023M	218	6532-12	336
623028M	177	6271-65C	385	633082S	176	64111MP12	250	651024M	218	6532-14	336
623029M	177	63 xxx		633084S	176	64115MP	251	651026M	218	6532-18	336
623030M	177	6311-06	322	633086S	176	64115MP01	251	651027M	218	6532-24	336
623031M	177	6311-08	322	633088S	176	64115MP12	251	651028M	218	6532-36	336
623032M	177	6313-06	322	6331-06	323	6411MP	223	651029M	218	6532-48	336
623033M	177	6314-05	322	6331-08	323	6431-10C	323	651030M	218	653513M	219
623036M	177	6314MR	179	6334-05	322	6431-11C	323	6511-10	324	653517M	219
623039M	177	6314MR12	180	633517M	176	643519M	220	6511-10C	324	653518M	219
623041M	177	6315-06	328	633518M	176	643521M	220	6511-13C	324	653519M	219
623046M	177	6315-09	328	633519M	176	643522M	220	6511-17C	324	653521M	219
623050M	177	6316MR	179	633520M	176	643523M	220	651417M	221	653522M	219
6231-07	321	6317-06	385	633521M	176	643524M	220	651419M	221	653522S	220
6231-08	321	6318-08A	327	633522M	176	643524S	220	651420M	221	653523M	219
6232-08	321	6319-11C	322	633523M	176	643525M	220	651421M	221	653524M	219
623517M	177	6323MR	179	633524M	176	643526M	220	651514M	219	653524S	220
623518M	177	6329-13C	322	633525M	176	643526S	220	651515M	219	653526M	219
623519M	177	633017M	176	633526M	176	643527M	220	651516M	219	653526S	220
623520M	177	633019M	176	633527M	176	643527M	220	651517M	219	653527M	219
623521M	177	633021M	176	633528M	176	643528M	220	651518M	219	653528M	219
623522M	177	633022M	176	633529M	176	643528S	220	651519M	219	653528S	220
623523M	177	633022S	176	633530M	176	643529M	220	651519M	219	653529M	219
623524M	177	633023M	176	633531M	176	643530M	220	651521M	219	653530M	219
623525M	177	633024M	176	633532M	176	643530S	220	651522M	219	653530S	220
623526M	177	633024S	176	633533M	176	643532M	220	651523M	219	653531M	219
623527M	177	633026M	176	633533M	176	643532S	220	651524M	219	653532M	219
623528M	177	633026S	176	633534M	176	643533M	220	651525M	219	653532S	220
623529M	177	633027M	176	633535M	176	643534M	220	651526M	219	653533M	219
623530M	177	633027M	176	633536M	176	643534S	220	651527M	219	653533M	219
623531M	177	633028M	176	633537M	176	643535M	220	651528M	219	653534M	219
623532M	177	633028S	176	633538M	176	643535M	220	651529M	219	653534S	220
623533M	177	633029M	176	633539M	176	643536M	220	651530M	219	653535M	219
623534M	177	633029M	176	633540M	176	643536S	220	651530M	219	653536M	219
623535M	177	633030M	176	633541M	176	643538M	220	6516-10	323	653536S	220
623536M	177	633030S	176	633542M	176	643538S	220	6516-10C	323	653538M	219
623537M	177	633032M	176	633543M	176	643540M	220	6517-08C	323	653538S	220
623538M	177	633032S	176	633544M	176	643540S	220	6517-10C	323	653540M	219
623539M	177	633033M	176	633545M	176	643541M	220	6517-10C	323	653540S	220
623540M	177	633034M	176	633546M	176	643542M	220	6517-12C	323	653541M	219
623541M	177	633034S	176	633547M	176	643542S	220	6521-09	335	653542M	219
623542M	177	633035M	176	633548M	176	643543M	220	6521-13	335	653542S	220
		633036M	176	633549M	176	643544M	220	6521-16	335	653543M	219
		633036S	176	633550M	176	643544S	220	6521-21	335	653544M	219

Index

653544S .....220	67A1-07 .....401	6868P .....223	6AD23-400 .....399	711104H .....363	7120PR .....183
653545M .....219	67B2-05 .....402	6874 .....223	6AF11-125 .....391	711104H-S1 .....365	7120PR01 .....183
653546M .....219	67B3-55 .....402	6874P .....223	6AF21-165 .....391	711105H .....363	715000P .....363
653546S .....220	67E2-08 .....402	68GB-01 .....537	6AG11-20 .....392	711105H-S1 .....365	715000P-S1 .....365
653548M .....219	67F1-08 .....404	68GB-02 .....537	6AH01-1 .....392	711106H .....363	715001P .....363
653548S .....220	67G .....405	68GR-01 .....537	6AH01-2 .....392	711106H-S1 .....365	715001P-S1 .....365
653550M .....219	67G0005 .....404	68GS-11 .....537	6AH01-3 .....392	711107H .....363	715002P .....363
653550S .....220	67G1-09 .....405	68GS-16 .....537	6AH01-4 .....392	711107H-S1 .....365	715002P-S1 .....365
653552M .....219	67G1P01 .....405	68GQ-01 .....537	6AH11 .....392	711108H .....363	715003P .....363
653552S .....220	67G2-09 .....405	68GQ-02 .....537	6AH12 .....392	711110H .....363	715003P-S1 .....365
653554M .....219	67G2P01 .....405	68GZ-01 .....537	6AH13 .....392	711110T .....363	715004P .....363
653554S .....220	67G3-09 .....405	68GZ-02 .....537	6AH14 .....392	711110T-S1 .....365	715004P-S1 .....365
653555M .....219	67G3P01 .....405	68HB-05 .....325	6B xxx	711110U .....364	715000R .....364
653556S .....220	67G4-09 .....405	68HB-07 .....325	6BC100 .....391	711110U-S1 .....366	715000R-S1 .....366
653557M .....219	67G4P01 .....405	68HB-10 .....325	6BC200 .....391	711115T .....363	715001R .....364
653558M .....219	67G5-09 .....405	68HS-05 .....325	6BC210A .....389	711115T-S1 .....365	715001R-S1 .....366
653558S .....220	67G5P01 .....405	68HS-07 .....325	6BC210B .....389	711115U .....364	715001Z .....364
653560M .....219	67G6-09 .....405	68HS-10 .....325	6BC210C .....389	711115U-S1 .....366	715001Z-S1 .....366
653560S .....220	67G6P01 .....405	68RB-01 .....537	6BC210D .....389	711120T .....363	715002H .....363
653562S .....220	67G7-09 .....405	68RB-02 .....537	6BC210E .....389	711120T-S1 .....365	715002H-S1 .....365
653563M .....219	67G7P01 .....405	68RR-01 .....537	6BC23-1 .....389	711120U .....364	715002R .....364
653564S .....220	67G8-09 .....405	68RS-11 .....537	6BC23A .....389	711120U-S1 .....366	715002R-S1 .....366
653565M .....219	67G8P01 .....405	68RS-16 .....537	6BC23B .....389	711125H .....363	715002Z .....364
653566S .....220	67G9-09 .....405	68RQ-01 .....537	6BC23C .....389	711125H-S1 .....365	715002Z-S1 .....366
653568S .....220	67G9P01 .....405	68RQ-02 .....537	6BC23D .....389	711125T .....363	715003H .....363
653570M .....219	67GA-09 .....405	68RZ-01 .....537	6BC23F .....389	711125T-S1 .....365	715003H-S1 .....365
653570S .....220	67GAP01 .....405	68RZ-02 .....537	6BC24A .....389	711125U .....364	715003R .....364
653572S .....220	67GB-09 .....405	68SB-05 .....325	6BC24B .....389	711125U-S1 .....366	715003R-S1 .....366
653574S .....220	67GBP01 .....405	68SB-07 .....325	6BC24C .....389	711127T .....363	715003S1 .....363
653576S .....220	67GC-09 .....405	68SS-05 .....325	6BC24F .....389	711127T-S1 .....365	715003S1-S1 .....365
6541-14L .....336	67GCP01 .....405	68SS-07 .....325	6BC26-1 .....389	711127U .....364	715003Z .....364
6541-18L .....336	67GD-09 .....405	68SS-10 .....325	6BC26-3 .....389	711127U-S1 .....366	715003Z-S1 .....366
6572-20 .....178	67GDP01 .....405	68ZZ-01 .....537	6BC26A .....389	711130T .....363	715004H .....363
6572DK .....178	67GE-09 .....405	68ZZ-02 .....537	6BC26B .....389	711130T-S1 .....365	715004H-S1 .....365
657524M .....221	67GEP01 .....405	69 xxx	6BC26C .....389	711130U .....364	715004S1 .....363
657526M .....221	67GF-09 .....405	6921-05 .....321	6BC26F .....389	711130U-S1 .....366	715004S1-S1 .....365
657528M .....221	67GFP01 .....405	6921-05C .....321	6BC3007 .....390	711140T .....363	715004S2 .....363
657530M .....221	67GG-09 .....405	6921-06 .....321	6BC372 .....390	711140T-S1 .....365	715004S2-S1 .....365
657532M .....221	67GH-09 .....405	6921-06C .....321	6BC372-1 .....390	711140U .....364	715005H .....363
6581-12 .....178	67GHP01 .....404	6921-07 .....321	6BC372-2 .....390	711140U-S1 .....366	715005H-S1 .....365
6581-18 .....178	67GHP01 .....405	6921-07C .....321	6BC372-3 .....390	7112PR .....182	715005S1 .....363
6585-19 .....178	67GJ-09 .....405	6921-07C .....321	6BC372-4 .....390	7113PR .....182	715005S1-S1 .....365
66 xxx	67GJP01 .....404	6927-05 .....384	6BC372-5 .....390	711501P .....363	715006H .....363
6605-08 .....328	67GJP01 .....405	693519M .....221	6BD11 .....390	711501P-S1 .....365	715006H-S1 .....365
6615-06 .....329	67GK-09 .....405	693521M .....221	6BD22 .....390	711502P .....363	715006S1 .....363
6615-11 .....329	67GKP01 .....404	693522M .....221	6BE11-07 .....391	711502P-S1 .....365	715006S1-S1 .....365
6615-18 .....329	67GL-09 .....405	693523M .....221	6BE12-07 .....391	711503P .....363	715006T .....363
6625-06 .....329	67GLP01 .....404	693524M .....221	6BE16-07 .....391	711503P-S1 .....365	715006T-S1 .....365
6625-11 .....329	67GLP01 .....405	693524S .....221	6BF11-17 .....390	711505H .....363	715006U .....364
6625-18 .....329	67GLP01 .....405	693526M .....221	6BF21-17 .....390	711505H-S1 .....365	715006U-S1 .....366
6655-09 .....328	67GN-09 .....404	693526S .....221	6C xxx	711506T .....363	715007H .....363
6665-09 .....328	67GN-09 .....405	693527M .....221	6CB02 .....396	711506T-S1 .....365	715007H-S1 .....365
6665-09 .....328	67GNP01 .....404	693528S .....221	6CB21 .....396	711507H .....363	715007T .....363
6665-09 .....328	67GNP01 .....405	693529M .....221	6CB31 .....395	711507H-S1 .....365	715007T-S1 .....365
6665-09 .....328	67H1-07 .....325	693530M .....221	70 xxx	711507T .....363	715007U .....364
6665-09 .....328	67HS-07 .....325	693530S .....221	7003MR .....191	711507T-S1 .....365	715007U-S1 .....366
6665-09 .....328	67SB-07 .....325	693532M .....221	7010MR .....192	711508T .....363	715008H .....363
6665-09 .....328	67SS-07 .....325	693532S .....221	7011MR .....193	711508T-S1 .....365	715008H-S1 .....365
6665-09 .....328	68 xxx	693534S .....221	7028MR .....194	711509T .....363	715008T .....363
6665-09 .....328	6814 .....178	693536S .....221	7053MR01 .....195	711509T-S1 .....365	715008T-S1 .....365
6665-09 .....328	6818 .....178	693538S .....221	7077MR .....185	711510T .....363	715008U .....364
6665-09 .....328	683517M .....221	693540S .....221	7081MR .....186	711510T-S1 .....365	715008U-S1 .....366
6665-09 .....328	683519M .....221	6A xxx	7081MR01 .....186	711512SH .....363	715009T .....363
6665-09 .....328	683521M .....221	6AB12-55 .....398	7082MR .....187	711512SH-S1 .....365	715009T-S1 .....365
6665-09 .....328	683522M .....221	6AB13-06 .....398	7087MR .....188	711515T .....363	715009U .....364
6665-09 .....328	683523M .....221	6AB21-65 .....398	7096MR .....189	711515T-S1 .....365	715009U-S1 .....366
6665-09 .....328	683524M .....221	6AB31-75 .....398	7098MR .....190	711520T .....363	715010T .....363
6665-09 .....328	683526M .....221	6AB31-85 .....398	71 xxx	711520T-S1 .....365	715010T-S1 .....365
6665-09 .....328	683527M .....221	6AC51-22 .....407	711002P .....363	711525T .....363	715010U .....364
6665-09 .....328	683529M .....221	6AC51-26 .....407	711002P-S1 .....365	711525T-S1 .....365	715010U-S1 .....366
6665-09 .....328	683530M .....221	6AC52-11 .....407	711102H .....363	711527T .....363	715012SH .....363
6665-09 .....328	683532M .....221	6AC52-12 .....407	711102H-S1 .....365	711527T-S1 .....365	715012SH-S1 .....365
6665-09 .....328	6864 .....223	6AD10-325 .....399	711103H .....363	711530T .....363	715014SH .....363
6665-09 .....328	6864P .....223	6AD10-3P01 .....399	711103H-S1 .....365	711530T-S1 .....365	715014SH-S1 .....365
6665-09 .....328	6868 .....223	6AD17-150 .....399	71 xxx	711540T .....363	715015T .....363
6665-09 .....328			711002P .....363	711540T-S1 .....365	715015T-S1 .....365

Index

715015U .....364	717010U-S1 .....366	74020 .....428	7553MR01 .....195	76220-84G .....413	76C1177M .....370
715015U-S1 .....366	717015T .....363	74030 .....428	7558MR .....183	76222-84G .....413	76C1199M .....370
715020T .....363	717015T-S1 .....365	74040 .....428	7582MR .....187	76220-07 .....412	76C1121M .....370
715020T-S1 .....365	717015U .....364	74060 .....428	7577MR .....185	76223-08 .....412	76C1124M .....370
715020U .....364	717015U-S1 .....366	741002P .....364	7581MR .....186	76224-10 .....412	77 XXX
715020U-S1 .....366	717020T .....363	741002P-S1 .....366	7581MR01 .....186	76226-12 .....412	7702-25 .....370
715025H .....363	717020T-S1 .....365	7411PP .....215	7582MR .....187	76301-05 .....411	7702-50 .....370
715025H-S1 .....365	717020U .....364	741502P .....364	7587MR .....188	76302-05 .....411	7702-75 .....370
715025T .....363	717020U-S1 .....366	741502P-S1 .....366	7587MR01 .....188	76302-74G .....413	7703-50 .....370
715025T-S1 .....365	717025T .....363	742002P .....364	7587SR .....188	76303-05 .....411	7704-50 .....370
715025U .....364	717025T-S1 .....365	74250 .....428	7596MR .....189	76303-74G .....413	7712-02 .....370
715025U-S1 .....366	717025U .....364	74260 .....428	7598MR .....190	76304-05 .....411	7712-03 .....370
715027T .....363	717025U-S1 .....366	74270 .....428	759-140 .....368	76304-74G .....413	77121-08 .....423
715027T-S1 .....365	717027T .....363	743002P .....364	75A105M .....369	76305-05 .....411	7713-02 .....370
715027U .....364	717027T-S1 .....365	743003P .....364	75A106M .....369	76305-74G .....413	77131-06 .....423
715027U-S1 .....366	717027U .....364	74410 .....429	75A108M .....369	76306-05 .....411	77131-08 .....423
715030T .....363	717027U-S1 .....366	74412 .....429	75A110M .....369	76306-74G .....413	77141-06 .....423
715030T-S1 .....365	717030T .....363	74414 .....429	75A112M .....369	76307-05 .....411	77141-08 .....423
715030U .....364	717030T-S1 .....365	74416 .....429	75A114M .....369	76308-05 .....411	77328-26 .....424
715030U-S1 .....366	717030U .....364	745002P .....364	75A116M .....369	76308-74G .....413	77335-25 .....423
715035S1 .....363	717030U-S1 .....366	745002P-S1 .....366	76 XXX	76309-06 .....411	77340-20 .....423
715035S1-S1 .....365	717040T .....363	74512 .....429	7601012M .....369	76310-06 .....411	7743-56 .....370
715040T .....363	717040T-S1 .....365	74514 .....429	7601013M .....369	76402-45 .....412	7744-60 .....370
715040T-S1 .....365	717040U .....364	74613 .....429	7605512M .....369	76402-55G .....413	7753-78 .....370
715040U .....364	717040U-S1 .....366	747501P .....364	7606508S .....369	76403-05 .....412	7754-85 .....370
715040U-S1 .....366	719001P .....363	747501P-S1 .....366	7606510S .....369	76403-06 .....412	78 XXX
715045S1 .....363	719001P-S1 .....365	747502P .....364	7606512M .....369	76403-06G .....413	7811-08 .....410
715045S1-S1 .....365	719001Z .....364	747502P-S1 .....366	7606512S .....369	76404-06 .....412	7811-12 .....410
715050T .....363	719001Z-S1 .....366	747503P .....364	7607510M .....369	76404-07G .....413	7811-16 .....410
715050T-S1 .....365	719002P .....363	747503P-S1 .....366	76103-04 .....411	76405-65 .....412	7811-24 .....410
715055S1 .....363	719002P-S1 .....365	75 XXX	76104-05 .....411	76405-88G .....413	7811-32 .....410
715055S1-S1 .....365	719002Z .....364	750-100 .....367	76104-74G .....413	76406-07 .....412	7811-40 .....410
715055S2 .....363	719002Z-S1 .....366	750-150 .....367	76105-06 .....411	76406-84G .....413	7821-30 .....410
715055S2-S1 .....365	719003P .....363	750-50A .....367	76106-74G .....413	76407-84G .....413	7821-30 .....410
715065S1 .....363	719003P-S1 .....365	750-60 .....367	76108-74G .....413	76408-08 .....412	7821-50 .....410
715065S1-S1 .....365	719003Z .....364	750-75 .....367	7611006M .....369	76408-88G .....413	7821-80 .....410
716502P .....363	719003Z-S1 .....366	75035-06 .....431	7611008M .....369	76409-88G .....413	7822-25 .....410
716502P-S1 .....365	72 XXX	7503MR .....191	7611008M .....369	76410-85 .....412	7822-30 .....410
717000R .....364	721102P .....364	751-60 .....367	76110-74G .....413	76410-09G .....413	7822-35 .....410
717000R-S1 .....366	721102P-S1 .....366	751-75 .....367	7611010M .....369	76410-14G .....413	7822-40 .....410
717001P .....363	726502P .....364	75101-08G .....430	7611012M .....369	76412-09 .....412	7822-45 .....410
717001P-S1 .....365	726502P-S1 .....366	75101-10G .....430	7611013M .....369	76412-10G .....413	7822-50 .....410
717001R .....364	727502P .....364	75102-08G .....430	7611014M .....369	76412-14G .....413	7823-10 .....410
717001R-S1 .....366	727502P-S1 .....366	75102-10G .....430	7611506M .....369	76414-10 .....412	7823-15 .....410
717001Z .....364	73 XXX	7510MR .....192	7611507M .....369	76414-11G .....413	7823-20 .....410
717001Z-S1 .....366	731101P .....364	7511MR .....193	7611508M .....369	76414-14G .....413	7833-10 .....410
717002P .....363	731101P-S1 .....366	75135-06 .....431	7611510M .....369	76416-12G .....413	7833-12 .....410
717002P-S1 .....365	731102P .....364	752-100 .....368	7611512M .....369	76416-14G .....413	7833-15 .....410
717002R .....364	731102P-S1 .....366	752-150 .....368	7611513M .....369	76505-05 .....412	7833-20 .....410
717002R-S1 .....366	731103P .....364	752-300 .....368	7611514M .....369	76717-05 .....414	7834-50 .....410
717002Z .....364	731103P-S1 .....366	752-60 .....368	7612006M .....369	76721-06 .....414	7842-22 .....411
717002Z-S1 .....366	731152P .....367	752-75 .....368	7612008M .....369	76724-08 .....414	7842-28 .....411
717003P .....363	731152P-S1 .....366	75201-08G .....430	7612010M .....369	76729-10 .....414	7842-35 .....411
717003P-S1 .....365	731502P .....364	75201-10G .....430	7612012M .....369	76804-05 .....414	7842-45 .....411
717003R .....364	731502P-S1 .....366	75202-08G .....430	7612014M .....369	76807-06 .....414	7842-60 .....411
717003R-S1 .....366	731503P .....364	75202-10G .....430	76125-74G .....413	76808M .....370	7848-60 .....411
717003Z .....364	731503P-S1 .....366	75235-06 .....431	7614208S .....369	76B809M .....370	7848-80 .....411
717003Z-S1 .....366	731552P .....367	7528MR .....194	7614210S .....369	76B810M .....370	7851-08 .....411
717005H .....363	734501P .....364	7528MR01 .....194	7614512S .....369	76B811M .....370	7851-16 .....411
717005H-S1 .....365	734501P-S1 .....366	753-63 .....368	7616505M .....369	76B812M .....370	7851-24 .....411
717006H .....363	734502P .....364	75302-08G .....430	7616506M .....369	76B813M .....370	7851-32 .....411
717006H-S1 .....365	734502P-S1 .....366	75302-10G .....430	7616507M .....369	76B814M .....370	7851-40 .....411
717006T .....363	734503P .....364	75335-06 .....431	7616508M .....369	76B815M .....370	7851-48 .....411
717006T-S1 .....365	734503P-S1 .....366	753-370 .....368	7616508S .....369	76B816M .....370	7851-64 .....411
717007H .....363	734551P .....367	75335-06 .....431	7616510M .....369	76B817M .....370	7852-23 .....410
717007H-S1 .....365	734552P .....367	754-90 .....368	7616510S .....369	76B819M .....370	7852-55 .....410
717007T .....363	734552P-S1 .....366	75402-08G .....430	7616512M .....369	76B821M .....370	7861-16 .....410
717007T-S1 .....365	736501P .....364	75402-10G .....430	7616513M .....369	76B822M .....370	7861-20 .....410
717008H .....363	736501P-S1 .....366	75435-06 .....431	7616512S .....369	76B824M .....370	7861-24 .....410
717008H-S1 .....365	736502P .....364	755-300 .....368	7616514M .....369	76C1108M .....370	79 XXX
717008T .....363	736502P-S1 .....366	755-400 .....368	7616514S .....369	76C1109M .....370	79062-12 .....422
717008T-S1 .....365	736503P .....364	75501-08G .....430	76213-04 .....412	76C1110M .....370	79063-06 .....423
717009T .....363	736503P-S1 .....366	75501-10G .....430	76215-05 .....412	76C1111M .....370	79063-12 .....423
717009T-S1 .....365	736552P .....367	75502-08G .....430	76217-06 .....412	76C1112M .....370	79063-20 .....423
717010T .....363	74 XXX	75502-10G .....430	76218-75G .....413	76C1113M .....370	79063-40 .....423
717010T-S1 .....365	74010 .....428	75535-06 .....431	76219-75G .....413	76C1114M .....370	
717010U .....364					

Index

79093-02M .....422	79831 .....442	7CA61-B03 .....338	8410SP .....229	853532M .....225	8572DK .....181
79093-03C .....422	79831-S .....442	7CA61-B031 .....338	843524M .....226	853532S .....225	8581-26 .....181
79093-03M .....422	79832 .....442	7CA61-B04 .....338	843527M .....226	853533M .....225	87 XXX
79093-05C .....422	79832-S .....442	7CA61-B041 .....338	843528M .....226	853534M .....225	870208 .....132
79093-05M1 .....422	79900-04 .....254	7CA61P01 .....338	843530M .....226	853534S .....225	870311 .....150
79093-08M .....422	79900-10 .....254	7CA61P02 .....338	843530S .....226	853535M .....225	870406 .....132
79093-08C .....422	79900-13 .....254	7CA61P03 .....338	843532M .....226	853536M .....225	870406 .....150
79094-02M .....422	79900-20 .....254	7E XXX	843532S .....226	853536S .....225	870406 .....167
79094-03C .....422	79901-04 .....254	7E61001 .....431	843533M .....226	853537M .....225	870410 .....167
79094-03M .....422	79901-10 .....254	7E111 .....371	843534M .....226	853538M .....225	870422 .....132
79094-05C .....422	79901-20 .....254	7H XXX	843534S .....226	853538S .....225	870422 .....150
79094-05C1 .....422	79901-25 .....254	7HA03 .....339	843535M .....226	853540M .....225	870422 .....167
79094-05M .....422	79910-10 .....256	7HA11 .....339	843536M .....226	853540S .....225	87102 .....19
79094-08M .....422	79910-15 .....256	80 XXX	843536S .....226	853541M .....225	87103 .....19
79094-08C .....422	79911-10 .....256	8015MR .....181	843538M .....226	853542M .....225	87104 .....18
7911-12 .....429	79911-15 .....256	801519M .....227	843538S .....226	853542S .....225	87104 .....351
7912-0111 .....332	79912-10 .....256	8015SR .....181	843540M .....226	853544M .....225	87105 .....18
7912-21 .....332	79912-15 .....256	809622M .....227	843540S .....226	853544S .....225	87106 .....19
7912-22 .....332	79953-10 .....256	809622M19H .....227	843541M .....226	853545M .....225	87106 .....259
7912-23 .....332	79953-15 .....256	809622M22H .....227	843542M .....226	853546M .....225	87107 .....18
7912-2311 .....332	79960-10 .....256	809622M24H .....227	843542S .....226	853546S .....225	87108 .....19
7913-42 .....335	79960-15 .....256	809622M27H .....227	843544S .....226	853548M .....225	87108 .....414
7913-4211 .....335	79960-20 .....256	809622M30H .....227	843546M .....226	853548S .....225	87110 .....18
7913A-63 .....335	79962-10 .....256	809622M32H .....227	843546S .....226	853550M .....225	87111 .....18
7913A-6311 .....335	79962-15 .....256	820001 .....55	843548M .....226	853550S .....225	87116 .....19
7913B-35 .....334	79962-20 .....256	82 XXX	843548S .....226	853552S .....225	87116 .....326
7913B-3511 .....334	799A0-23C .....257	820002 .....55	843550M .....226	853553M .....225	87118 .....19
7914A-35 .....333	799A0-33C .....257	820002 .....55	843550S .....226	853554M .....225	87118 .....422
7914A-0111 .....332	799A0-43C .....257	820003 .....55	843552M .....226	853554M .....225	87119 .....19
7914A-0111 .....333	799A1-23C .....257	820003 .....55	843552S .....226	853554S .....225	87119 .....375
7914B-45 .....333	799A1-33C .....257	820005 .....55	843554M .....226	853555M .....225	8711B .....19
7914B-4521 .....333	799A1-43C .....257	820011 .....55	843554S .....226	853556S .....225	8711B .....412
7914C-70 .....333	79A21-30 .....424	8251-08 .....181	843555M .....226	853558M .....225	8711B-1 .....412
7914C-7021 .....333	79A22-30 .....424	8251-16 .....181	843556S .....226	853558S .....225	87137 .....52
7915-30 .....334	7C XXX	8260-07 .....228	843558M .....226	853560M .....225	87140 .....19
7915-3011 .....334	7CA0107M .....336	8260-07P .....228	843558S .....226	853560S .....225	87152 .....18
7915A-19 .....332	7CA0110S .....336	8260-10 .....228	843560M .....226	853562S .....225	87153 .....18
7915A-28 .....332	7CA0309S .....337	8260-10P .....228	843560S .....226	853563M .....225	87160 .....18
7916-0111 .....334	7CA0606S .....338	8260-13 .....228	843562S .....226	853564S .....225	87160 .....425
7916-12M .....334	7CA0606S1 .....338	8260-13P .....228	843564S .....226	853565M .....225	87162 .....439
7916-15M .....334	7CA11-08 .....338	827011 .....55	843565M .....226	853566M .....225	8720 .....132
7916-21M .....334	7CA11-10M .....338	83 XXX	843566S .....226	853566S .....225	87201 .....49
7916-22M .....334	7CA11-12M .....338	833036M .....180	843568S .....226	853568M .....225	87203 .....18
7918-50 .....334	7CA11-12S .....338	833038M .....180	843570S .....226	853568S .....225	8730 .....150
7918-5011 .....334	7CA11-15M .....338	833041M .....180	843570M .....226	853570M .....225	87301 .....18
7918-A0 .....334	7CA11-16M .....338	833046M .....180	843572S .....226	853570S .....225	87301-494A .....18
7918-A011 .....334	7CA11-16S .....338	833046S .....180	84700002B .....55	853571M .....225	87301-496A .....18
7921-12 .....430	7CA11-20S .....338	833048S .....180	84700003B .....55	853572S .....225	87301-498A .....18
7932-04 .....400	7CA11-24S .....338	833050M .....180	84700011B .....55	853574S .....225	87301-499A .....18
7933-45 .....400	7CA21-24S .....337	833054M .....180	85 XXX	853575M .....225	87352 .....19
7934-45 .....400	7CA22BP01 .....336	833054S .....180	851417M .....226	853576S .....225	87352 .....358
7962-03 .....418	7CA22BP10M .....336	833055M .....180	851419M .....226	853578S .....225	8740 .....167
7962-04 .....418	7CA22P01 .....336	833058M .....180	851420M .....226	853580M .....225	87401-2 .....51
7962-06 .....418	7CA22P20S .....336	833060M .....180	851421M .....226	853580S .....225	87401-3 .....51
7962-08 .....418	7CA23-14 .....337	833060S .....180	851422M .....226	853582S .....225	87401-3H .....51
7962-12 .....418	7CA23-A08S .....337	833063M .....180	851426S .....226	853584S .....225	87402 .....52
7962B-05 .....418	7CA23-A12S .....337	833064S .....180	852421M .....226	853585M .....225	87404 .....52
7962B-06 .....418	7CA23-A16S .....337	833065M .....180	853417M .....227	853586S .....225	87407 .....52
7962B-08 .....418	7CA23-A20S .....337	833067M .....180	853419M .....227	853588S .....225	87408 .....52
7962B-10 .....418	7CA23-A24S .....337	833070M .....180	853421M .....227	853590M .....225	87411-6B .....50
7962B-35 .....418	7CA23-A28S .....337	833071M .....180	853519M .....225	853590S .....225	87411-9B .....50
7963-03 .....418	7CA23-A32S .....337	833072S .....180	853521M .....225	853595M .....225	87412-4B .....50
7963-04 .....418	7CA23-A36S .....337	833075M .....180	853522M .....225	853592S .....225	87412-6B .....50
7963-06 .....418	7CA61-A01 .....338	833076S .....180	853523M .....225	853594S .....225	87417-10B .....50
7963-08 .....418	7CA61-A011 .....338	833077M .....180	853524M .....225	853596S .....225	87419-5B .....50
7963-12 .....418	7CA61-A02 .....338	833080M .....180	853524S .....225	8535A0S .....225	87421-3B .....51
796401MR .....420	7CA61-A021 .....338	833084S .....180	853525M .....225	8535A0M .....225	87430A .....46
79711 .....421	7CA61-A03 .....338	833094S .....180	853526M .....225	8535A4S .....225	87430A-K .....46
7971-07 .....400	7CA61-A031 .....338	8330A0S .....180	853526S .....225	8535A8S .....225	87430A1 .....46
79721 .....421	7CA61-A04 .....338	84 XXX	853527M .....225	8535B2S .....225	87430A1-K .....46
7976-65 .....400	7CA61-A041 .....338	84087637BKT .....35	853528M .....225	85451735M .....227	87430A2 .....46
79814 .....441	7CA61-B01 .....338	8408MP .....228	853528S .....225	85451941M .....227	87430A2-K .....46
79815 .....411	7CA61-B011 .....338	8408MP02 .....229	853529M .....225	85452038M .....227	87430A4 .....46
79830DQ .....442	7CA61-B02 .....338	8409MP .....229	853530M .....225	85452041M .....227	87430A4-K .....46
	7CA61-B021 .....338	8410MP .....229	853530S .....225	85452141M .....227	87431-5BE .....38
				8572-25 .....181	

Index

87432-15	35	87D11-01A-KG	29	9-1044CQV	78	9-40103GP	110	9-90104GP	116	90217PQ03	392	
87432-17	35	87D11-02A-KB	28	9-1112MRV	74	9-40104GPV	78	9-90106SR	107	9033CR	184	
87432-23	35	87D11-02A-KG	28	9-1205MR	102	9-40112GPV	66	9-90109MN	105	90401	214	
87432-24	35	87D11-03A-KB	30	9-12110MR	113	9-40113GPV	78	9-90111MR	119	90402	214	
87432-31	35	87D11-03A-KG	30	9-12120MR	105	9-40122GPV	66	9-90113MA	116	90403	223	
87432-32	35	87D11-04A-KB	30	9-1215MR03	119	9-40203GP	118	9-90114MR	113	9043MR	196	
87432-33	35	87D11-04A-KG	30	9-1216MR	102	9-4026MR02	96	9-90115MR	118	90404	223	
87432-34	35	87D11-05A-KB	30	9-1216MR01	102	9-40207GP	106	9-90118PRV	79	90405	223	
87432-41	35	87D11-05A-KG	30	9-1216MR03	102	9-40207GP01	106	9-90119MRV	74	90405	228	
87432-52	35	87D11-06A-B	31	9-1217MR	118	9-4029CR	119	9-90120MR	118	90406	228	
87432-5B	37	87D11-06A-G	31	9-1218MR	102	9-4057MR	112	9-90121MR	116	90408	204	
87432-5G	39	87D11-07A-B	32	9-1219MR01	102	9-40604GP	106	9-90125MR	118	90409	204	
87434-7B	37	87D11-07A-G	32	9-1220MRV	74	9-40618GP	114	9-90126MR	116	90601	214	
87434-7G	39	87D11-071A-B	32	9-1272MR	103	9-4116FR	117	9-90128SR	97	90602	214	
87435-13B	38	87D11-071A-G	32	9-1282MR	103	9-4116FR03	117	9-90129CR	98	90603	223	
87437-8B	37	87D11-08A	31	9-12A1MR	115	9-4119PR	109	9-90129CRV	67	90604	223	
87437-10B	37	87D11-08SA	31	9-12A1MRV	74	9-4120PR	109	9-90131MR	102	90605	228	
87438-3B	37	87D11-09A	31	9-12C7MR	113	9-4128FR	110	9-90135MRV	78	90606	228	
87439-7B	38	87D11-09SA	31	9-1303MR	109	9-4129PRV	71	9-90138CR	98	90607	223	
87441-1B	44	87D11-11A-KB	31	9-1606MR	117	9-4138PR	112	9-90145CRV	67	90608	204	
87441-3B	44	87D11-11A-KG	31	9-1606MR01	117	9-4143FRV	71	9-90154CR	99	90609	204	
87442-16-K	45	87D11-12A-KB	31	9-1608MR	103	9-4147PRV	77	9-90154CR01	99	9063MR	184	
87442-36	45	87D11-12A-KG	31	9-1609MR	103	9-4156PR	119	9-90205GN	106	9063MR01	184	
87442-3B	45	87D11-13A-KB	33	9-1709MR	103	9-42102GPV	66	9-90205GN01	106	908-077CR	95	
87452A-B	56	87D11-13A-KG	33	9-1711MR	104	9-42114GP	97	9-90217GRV	69	91 xxx		
87452A1-B	56	87D11-14A	33	9-1716MR	118	9-42114GPV	66	9-90220MR	98	91038MY01	393	
87452B-B	56	87D11-14SA	33	9-1812MR	104	9-42116GPV	75	9-90220MR01	98	911-000CR	88	
87452C-B	56	87D11-15A-KB	33	9-1838MR	104	9-42144GP	106	9-90305TQV	79	911-000CR02	88	
87502	48	87D11-15A-KG	33	9-1905MR	104	9-4219MR	117	9-90310MR	108	911-000CRV	63	
87502-01	47	87D11-16A-B	33	9-1905MR	298	9-4219MR07	117	9-90315MR	104	911-002CR	88	
87502-02	47	87D11-16A-G	33	9-1912MR	104	9-4219SR08	117	9-90329CR	98	911-003CR	89	
87502-05	47	87D11-17A-KB	29	9-1C08MR	105	9-4235MR	114	9-90408TQ	111	911-003CR01	89	
87502-06	47	87D11-17A-KG	29	9-20110MR	110	9-4319MR	117	9-9040SRV	73	911-004CRV	63	
87502-050	46	87D11-18A-KB	29	9-2044SRV	76	9-4319MR01	117	9-90413TQV	70	91230	388	
87502-050	47	87D11-18A-KG	29	9-2048MRV	76	9-4319MR02	117	9-9077CRV	65	91232	351	
87502-051	46	87D11A-KB	27	9-21-20-07MRV ..	79	9-4319MR05	117	9-91016MR	114	91333MQ	393	
87502-051	47	87D11X01A-KG	27	9-22108MR	107	9-4328MR	100	9-91026PR	109	91431	18	
87502-054	47	87D11X01SA-KB	23	9-22108MRV	75	9-4333MR	100	9-91120MR	105	91431	411	
87502-058	47	87D11X01SA-KG	23	9-22124MRV50 ..	69	9-4333MR03	100	9-91122MRV	69	91432	18	
87502-061	46	87D11X02SA-KB	24	9-22308PR	107	9-4335MR	114	9-91124MRV	70	91451-01A	19	
87502-061	47	87D11X02SA-KG	24	9-2516MRV03	79	9-4338MR	115	9-91126SRV	67	91451-01A	259	
87502-064	47	87D11X03A-KB	25	9-2524MRV	79	9-4338MR01	115	9-91131MRV	67	91451-01B	19	
87502-068	47	87D11X03A-KG	25	9-2526MR	109	9-4338MR03	115	9-91190CRV	75	91451-01B	259	
87502-11	47	87D11X04A-KB	26	9-2528MRV	79	9-4401MPV	77	9-91217MRV	70	91451-01F	259	
87502-12	47	87D11X04A-KG	26	9-2534MRV	71	9-44214GPV	78	9-93523MR	101	91522H	411	
87502P01	48	87D11X05A-KB	26	9-2544SRV	76	9-4427MP	112	9-94435MP	111	91528H	411	
87502P02	47	87D11X05A-KG	26	9-2548CR	97	9-4435MP	114	9-94437MRV	69	91535H	411	
87502P03	47	87D11X06A-KB	33	9-2548CR01	97	9-4516MR	99	9-99430MFV	68	91545H	411	
87502P011	48	87D11X06A-KG	33	9-2548CRV	66	9-4522MR	99	90 xxx	901-068MR	87	91560H	411
87502P012	48	87D11X06SA-KB	33	9-2548MRV	76	9-4526MR	96	901-069MR	87	91522S	411	
87502P90	48	87D11X06SA-KG	33	9-2550MRV	72	9-4527MRV02	72	901-073MR	87	91528S	411	
87502P91	48	88 xxx		9-2553MRV	77	9-4537MRV	73	902-062MR	90	91535S	411	
87512	49	8816	181	9-2553MRV01	77	9-4557MR	112	902-065MR	91	91545S	411	
87512P01	49	883524M	226	9-2565MRV	71	9-4827MP	112	902-062MRD	90	91560S	411	
87512P02	49	883527M	226	9-30106MR	118	9-5575MR	101	902-065MR	91	919-001CRV	64	
87512P03	49	883529M	226	9-30110CR	108	9-6010MR	119	902-065MRD	91	92 xxx		
87632-5B	41	883530M	226	9-30206MR	118	9-6010MR01	119	902-068MRD	91	92543MR	198	
87634-7B	41	883530M	226	9-30208MRV	75	9-6314MRV	68	902-084MR01	92	92543MR01	198	
87711C	53	883532M	226	9-30216MRV	78	9-6414MP	115	902-084MR01D ..	92	9260-13	299	
87721B	53	883533M	226	9-3023MR01	100	9-6414MPV	73	902-084SR	92	9260-13P	299	
87722B	53	883534M	226	9-30904AY	535	9-6414SP	115	902-084SRD	92	93 xxx		
8779-32F	181	883535M	226	9-31006MR	116	9-7069CR	96	902-089MR01	93	932-000MR	84	
8779DK	181	883536M	226	9-31106MR	110	9-7069CRV	65	902-089MR01D ..	93	932-000MRD	84	
87934-31	43	883541M	226	9-31124MRV	70	9-7078CR	96	902-103MR	93	932-000MR-B	84	
87934-32	43	8866	228	9-31110MR	108	9-7078CR01	96	902-103MRD	93	932-000MR-G	84	
87934-7BF	43	8866P	228	9-31110MRV	76	9-7128PR	112	902-109MR	94	932-008MR	85	
87934-7BF-B	43	8869	228	9-31909PR	108	9-7537MR	101	902-109MRD	94	932-008MRD	85	
87934-7BF-G	43	8869P	228	9-31919MR	111	9-7540MR	101	902-132CR	94	932-008MR-B	85	
8797	228	9- xxx		9-34128FR	108	9-7560MRV01	73	902-132CRD	94	932-008MR-G	85	
8797P	228	9-1011GP	114	9-3523MR	100	9-7576MR	111	902-164MR	90	932-009MR	81	
87A05	52	9-10112MR	110	9-3523MRV10	77	9-9003MRV01	68	902-164MRD	90	932-009MRD	81	
87A05-KB	52	9-10112MRV	71	9-3544MRV	72	9-90103PP	107	90217PQ	392	932-009MR-B	81	
87C23-B	538	9-10115MR	105	9-3612MR	113	9-90103PP01	107	90217PQ01	392	932-009MR-G	81	
87C24-B	539	9-10212MR	110	9-40102GP	97	9-90103PP02	107	90217PQ02	392	932-010MR	82	
87C25-B	539	9-10215MR	105	9-40102GPV	66	9-90103RR	107					

Index

932-010MRD .....82	9535A5M .....230	9634-011MRV-G. 60	9AB11 .....485	9AE6-8082 .....492	9AT1012E .....471
932-010MR-B .....82	9535A6S .....230	9634-019MRV ....61	9AB12 .....485	9AE6-8414 .....489	9AT1016E .....457
932-010MR-G .....82	9535A8S .....230	9634-019MRV-B .61	9AC125-32 .....486	9AE6-8616 .....492	9AT1018E .....448
934-001MR .....86	9535B0M .....230	9634-019MRV-G .61	9AC125-40 .....486	9AE6-8618 .....492	9AT1021E .....458
934-001MRD .....86	9535B0S .....230	9634-235MRV .....58	9AC175-32 .....486	9AE6-9015 .....492	9AT1102E .....450
934-001MR-B .....86	9535B2S .....230	9634-235MRV-B.58	9AC175-40 .....486	9AE6-9210 .....492	9AT1103E .....470
934-001MRV-G .....86	9535B4S .....230	9634-235MRV-G.58	9AC175-66 .....486	9AE6-9315 .....492	9AT1104E .....470
934-010MRV .....59	9535B5M .....230	9641-101MR .....83	9AD11 .....486	9AE6-9336 .....492	9AT1105E .....462
934-010MRV .....446	9535B6S .....230	9644-101MR .....83	9AE1-6414 .....489	9AE6-9345 .....492	9AT1106E .....450
934-010MRVD .....59	9535B8S .....230	98 xxx	9AE2002 .....489	9AE6-9515 .....492	9AT1108E .....454
934-010MRVD .....446	9535C0M .....230	9868 .....229	9AE2004 .....490	9AE6-9618 .....492	9AT1112E .....451
934-010MRV-B .....59	9535C0S .....230	9868P .....229	9AE2016 .....491	9AE6-10015 .....492	9AT1202 .....456
934-010MRV-B .....446	9535C2S .....230	99 xxx	9AE2-10615 .....491	9AE6-10615 .....492	9AT1202 .....477
934-010MRV-G .....59	9535C4S .....230	9934F-019MRV .61	9AE2-10815 .....491	9AE6-10815 .....492	9AT1206E .....452
934-010MRV-G .....446	9535C5M .....230	9934F-019MRV-B ....61	9AE2-10818 .....491	9AE6-10818 .....492	9AT1303E .....451
934-011MRV .....60	9535C6S .....230	9934F-019MRV-B ....61	9AE2-6514 .....489	9AE71-90 .....495	9AT1306E .....472
934-011MRVD .....60	9535C8S .....230	9934F-019MRV-G ....61	9AE2-6567 .....489	9AE71-115 .....495	9AT1406E .....461
934-011MRV-B .....60	9535D0M .....230	9934F-000MR .....84	9AE2-6606 .....490	9AE71-140 .....495	9AT1506E .....472
934-011MRV-G .....60	9535D0S .....230	9934F-000MR-B .....84	9AE2-6606 .....491	9AE72 .....495	9AT1606E .....457
934-019MRV .....61	9535D2S .....230	9934F-000MR-G .....84	9AE2-7476 .....491	9AE8006 .....493	9AT1706E .....454
934-019MRVD ....61	9535D4S .....230	9934F-001MR .....86	9AE2-7608 .....490	9AE8-24 .....493	9AT1-A01 .....474
934-019MRV-B ....61	9535D5M .....230	9934F-001MR-B .....86	9AE2-7608 .....491	9AE8-27 .....493	9AT1-A02 .....456
934-019MRV-G ...61	9535D6S .....230	9934F-001MR-G .....86	9AE2-7612 .....491	9AE8-30 .....493	9AT1-A03 .....467
934-235MRV .....58	9535D8S .....230	9934F-008MR .....85	9AE2-7614 .....490	9AE8-32 .....493	9AT1-A04 .....474
934-235MRVD .....58	9535E0M .....230	9934F-008MR-B .....85	9AE2-7614 .....491	9AE8-36 .....493	9AT1-E01 .....461
934-235MRV-B .....58	9535E0S .....230	9934F-008MR-G .....85	9AE2-8616 .....491	9AE8-38 .....493	9AT1-E01 .....465
934-235MRV-G .....58	9535E2S .....230	9934F-009MR .....81	9AE2-8618 .....491	9AF11-15 .....495	9AT2004E .....469
935-525CRV .....62	9535E4S .....230	9934F-009MR-B .....81	9AE2-9210 .....491	9AF11-30 .....495	9AT2004E .....477
935-525CRVD .....62	9535E8S .....230	9934F-009MR-G .....81	9AE2-9315 .....490	9AF11-60 .....495	9AT2005E .....469
94 xxx	9535F0M .....230	9934F-010MR .....82	9AE2-9315 .....491	9AF113 .....495	9AT2005E .....478
941-101MRD .....83	9535F2S .....230	9934F-010MR-B .....82	9AE2-9345 .....491	9AF204 .....496	9AT2006E .....447
941-101MR .....83	9535F6S .....230	9934F-010MR-G .....82	9AE2-9618 .....491	9AG11 .....496	9AT2006E .....460
9415GR .....161	9535G0S .....230	9934F-010MRV .....59	9AE221 .....491	9AG12 .....496	9AT2006E .....464
95 xxx	9535G4S .....230	9934F-010MRV ...446	9AE221 .....492	9AG13 .....496	9AT2007E .....452
9519MR50 .....197	9535G8S .....230	9934F-010MRV-B..59	9AE221 .....494	9AH12 .....497	9AT2007E .....465
953532M .....230	9535J2S .....230	9934F-010MRV-B.446	9AE31-73 .....486	9AH025 .....497	9AT2007E .....468
953533M .....230	9543MR .....196	9934F-010MRV-G..59	9AE31-85 .....486	9AH0311 .....497	9AT2007E .....478
953534M .....230	9563MR .....184	9934F-010MRV-G.446	9AE31-95 .....486	9AH0321 .....498	9AT2008E .....466
953536M .....230	9563MR01 .....184	9934F-011MRV .....60	9AE31-111 .....486	9AH31 .....497	9AT2008E .....468
953538M .....230	96 xxx	9934F-011MRV-B ..60	9AE31-121 .....486	9AJ017 .....498	9AT2008E .....479
953541M .....230	9632-000MR .....84	9934F-011MRV-G ..60	9AE31-134 .....486	9AJ3122 .....498	9AT2011E .....462
953542M .....230	9632-000MR-B ..84	9934F-235MRV .....58	9AE32-110 .....487	9AJ3122A .....498	9AT2012E .....473
953546M .....230	9632-000MR-G ..84	9934F-235MRV-B ..58	9AE32-155 .....487	9AJ3127 .....498	9AT2026E .....459
953550M .....230	9632-008MR .....85	9934F-235MRV-G ..58	9AE33-110 .....487	9AJ3222 .....498	9AT2106E .....465
953555M .....230	9632-008MR-B ..85	9A xxx	9AE33-110-S .....487	9AJ3322 .....498	9AT2106E .....453
953560M .....230	9632-008MR-G ..85	9A05-062MR .....90	9AE33-155 .....487	9AJ4122 .....498	9AT2106E .....479
953564S .....230	9632-009MR .....81	9A05-062MR-KB ...90	9AE33-155-S .....487	9AJ4227 .....498	9AT2107E .....455
953565M .....230	9632-009MR-B ..81	9A05-065MR .....91	9AE42 .....494	9AJ4229 .....498	9AT2-A01 .....459
953566S .....230	9632-009MR-G ..81	9A05-065MR-KB ...91	9AE423 .....491	9AJ4322 .....498	9AT2-A01 .....461
953568S .....230	9632-010MR .....82	9A05-068MR .....91	9AE423 .....494	9AK11 .....489	9AT2-A01 .....464
953570M .....230	9632-010MR-B ..82	9A05-068MR-KB ...91	9AE43 .....494	9AK21 .....499	9AT2-A01 .....467
953570S .....230	9632-010MR-G ..82	9A05-084MR01 ..92	9AE433 .....492	9AL11 .....499	9AT2-A01 .....479
953572S .....230	9634-000MR .....84	9A05-084MR01-KB...92	9AE433 .....494	9AL12 .....499	9AT2-C01 .....462
953574S .....230	9634-000MR-B ..84	9A05-084SR .....92	9AE52 .....494	9AM010 .....499	9AT2-C01 .....475
953575M .....230	9634-000MR-G ..84	9A05-084SR-KB ...92	9AE53-115 .....494	9AM011 .....499	9AT2-D01 .....456
953576S .....230	9634-001MR .....86	9A05-089MR01 ..93	9AE53-80 .....494	9AM012 .....499	9AT2-D01 .....466
953578S .....230	9634-001MR-B ..86	9A05-089MR01-KB...93	9AE6002 .....490	9AN021 .....497	9AT2-D01 .....480
953580M .....230	9634-001MR-G ..86	9A05-103MR .....93	9AE6030 .....492	9AP100 .....500	9AT2-E01 .....480
953580S .....230	9634-008MR .....85	9A05-103MR-KB...93	9AE6-6514 .....490	9AP120 .....500	9AT3-A01 .....480
953582S .....230	9634-008MR-B ..85	9A05-109MR .....94	9AE6-6514 .....492	9AP160 .....500	9AT3-A02 .....481
953584S .....230	9634-008MR-G ..85	9A05-109MR-KB...94	9AE6-6514A .....489	9AR11 .....500	9AT3-A03 .....467
953585M .....230	9634-009MR .....81	9A05-132CR .....94	9AE6-6567 .....489	9AR21 .....500	9AT3-A04 .....481
953586S .....230	9634-009MR-B ..81	9A05-132CR-KB...94	9AE6-6567 .....490	9AR29-S .....500	9AT3-B01 .....481
953588S .....230	9634-009MR-G ..81	9A05-164MR .....90	9AE6-6606 .....492	9AS11 .....500	9AT3-F01 .....481
953590M .....230	9634-010MR .....82	9A05-164MR-KB ...90	9AE6-6814 .....492	9AT1002E .....460	9AT3-F02 .....481
953590S .....230	9634-010MR-B ..82	9AA01 .....485	9AE6-7314 .....492	9AT1002E .....476	9AT3-E01 .....464
953592S .....230	9634-010MR-G ..82	9AA11 .....483	9AE6-7414 .....489	9AT1003E .....447	9AT3-E02 .....459
953594S .....230	9634-010MRV .....59	9AA13 .....483	9AE6-7415 .....492	9AT1004E .....469	9AT3-E02 .....461
953595M .....230	9634-010MRV .....446	9AA15 .....484	9AE6-7476 .....492	9AT1004E .....476	9AT3-E02 .....468
953596S .....230	9634-010MRV-B ..59	9AA16 .....483	9AE6-7577 .....492	9AT1005E .....463	9AW4901 .....502
953598S .....230	9634-010MRV-B .446	9AA17 .....484	9AE6-7608 .....492	9AT1005E .....466	9AW4911 .....502
9535A0M .....230	9634-010MRV-G ..59	9AA21 .....483	9AE6-7612 .....492	9AT1005E .....480	9B xxx
9535A0S .....230	9634-010MRV-G .446	9AA25 .....484	9AE6-7614 .....492	9AT1008E .....448	9BA01 .....419
9535A2S .....230	9634-011MRV...60	9AA31 .....484	9AE6-7630 .....492	9AT1009E .....449	9BA02 .....419
9535A4S .....230	9634-011MRV-B..60	9AA32 .....484	9AE6-7815 .....492	9AT1010E .....453	9BA03 .....419
			9AE6-8015 .....492	9AT1010E .....458	

Index

9BA11	502	9BU112	516	9CK-101	532	9TA31A	438	9TT31-20	540	A535180S	231
9BA21	418	9BU112T	517	9CK-102	532	9TA31B	438	9TU11-20	542	A535184S	231
9BA21P01	418	9BU141T	517	9CM01	521	9TA31D	438	9TU21-20	542	A535185M	231
9BA21P011	418	9BU142T	517	9CM209	521	9TA42A	438	9TV12-020	541	A535188S	231
9BA21P02	418	9BU151T	517	9CM212	521	9TA42B	438	9TV12-021	541	A535190M	231
9BA21P04	418	9BU152T	517	9CW01	525	9TA42D	438	9TV13-100	541	A535192S	231
9BA21P05	418	9BU241	517	9CW21	525	9TA51	439	9TV21-09	541	A535196S	231
9BA21P06	418	9BU242	517	9CW22	525	9TA52A	440	9TW21-20	542	A535200M	231
9BA21P07	418	9BU251	517	9CZ101	532	9TA52B	440	9TZ11-04	425	A535200S	231
9BA22	419	9BU252	517	9D xxx		9TA52D	440	9TZ11-05	425	A535204S	231
9BA22P01	419	9BU241T	518	9DA022	526	9TB225	533	9TZ11-06	425	A535208S	231
9BA22P011	419	9BU242T	518	9DA103	525	9TB500	533	9TZ11-08	425	A535210M	231
9BA22P02	419	9BU251T	518	9DA104	525	9TBA650	533	9TZ11-10	425	A535212S	231
9BA22P04	419	9BU252T	518	9DB201	526	9TC101	533	9X xxx		A535215M	231
9BA31	420	9BU41	518	9DC22	526	9TD014MR	427	9XAH1	497	A535216S	231
9BA32	420	9BU8109	518	9DC23	526	9TD034MR	427	A5 xxx		A535220S	231
9BA33	420	9BU8109	254	9DC242	527	9TD035MR	427	A535041M	231	A535224S	231
9BA41	503	9BU8112	518	9DC243	527	9TD036MR	427	A535046M	231	A535225M	231
9BB11	503	9BU8112	254	9DD21	528	9TD062	426	A535060M	231	A535235M	231
9BB12	503	9BU8209	518	9DH11	528	9TD064	426	A535050M	231	A535240S	231
9BB13	504	9BU8212	254	9DM1361	394	9TD401-06M	427	A535051M	231	A535244S	231
9BB31	504	9BV1410	253	9DM1381	394	9TD401-08M	427	A535055M	231	A535252S	231
9BC11	504	9BV1410T	254	9DM1A1	528	9TD401-10M	427	A535057M	231	A535256S	231
9BC121	504	9BV1420	253	9DM2351	395	9TD401-12M	427	A535060M	231	AD xxx	
9BC122	504	9BV1420T	254	9DN12	396	9TD403-10M	427	A535065M	231	ADCV-01	17
9BC124	505	9BV1411	253	9DP1101	529	9TD403-12M	427	A535070M	231	ADCV-02	17
9BC21	505	9BV1411T	254	9DP1301	529	9TD403-13M	427	A535075M	231	ADFLAG	17
9BC22	505	9BV1421	253	9DP1302	529	9TD403-14M	427	A535076M	231	ADFLAG1	17
9BC23	505	9BV1421T	253	9DP2301	530	9TD403-17M	427	A535076S	231	ADFLAG2	17
9BC24A	506	9BW0120	514	9DP3201	530	9TD403-19M	427	A535077M	231	ADSTK21KT	17
9BC25	506	9BW0123	514	9DS11-16A	531	9TD403-21M	427	A535078S	231	ADSTK22KT	17
9BC26	506	9BW0220	514	9DS11-16B	531	9TD403-22M	427	A535080M	231	ADSTK23KT	17
9BC31	506	9BW0221	514	9DS11-16D	531	9TD403-23M	427	A535080S	231	ADSTK-C1	17
9BE11	507	9BW4501	516	9DT11	532	9TD403-24M	427	A535082S	231	ADSTK-H1	17
9BE21	507	9BW4502	516	9DT11E	532	9TD403-27M	427	A535084S	231	B5 xxx	
9BE41	507	9BW4801	516	9DT11-1	532	9TD601	426	A535085M	231	B535105M	232
9BE42	507	9C xxx		9DT11-1-1	532	9TD602	426	A535086M	231	B535110M	232
9BE43	507	9CD14	524	9DT11-2	532	9TD603	426	A535088S	231	B535115M	232
9BE44	507	9CD21	524	9DT11-3	532	9TD604	426	A535090M	231	B535120M	232
9BE45	507	9CD31	524	9DT11-4	532	9TE11	46	A535090S	231	B535125M	232
9BE52	509	9CF-107	520	9DT11-5	532	9TE11	425	A535094S	231	B535130M	232
9BE62	509	9CF110	519	9DT11-6	532	9TE21	19	A535095M	231	B535132S	232
9BE63	509	9CF120	519	9DT11-7	532	9TE21	46	A535096S	231	B535132S	232
9BF11	510	9CF130	519	9DT11-8	532	9TE21	317	A535100M	231	B535135M	232
9BF21	510	9CF131	519	9DT11-9	532	9TE31	19	A535100S	231	B535136S	232
9BF31	510	9CF132	519	9DT11-10	532	9TE31	46	A535105M	231	B535140M	232
9BG11	510	9CF132	519	9DT11-11	532	9TE31	259	A535108S	231	B535140S	232
9BJ11	510	9CF-207	520	9DT11-12	532	9TE41	18	A535110M	231	B535144S	232
9BK11	511	9CF210	519	9H xxx		9TE41	212	A535112S	231	B535145M	232
9BK2008	511	9CF220	519	9HBE083	508	9TG11	538	A535115M	231	B535148S	232
9BK31	511	9CF230	520	9HBE4-30	508	9TG12	538	A535120M	231	B535150M	232
9BK32	511	9CF240	520	9HBE4-39	508	9TG21	538	A535120S	231	B535152S	232
9BK41	511	9CF241	520	9HBE4-47	508	9TH21XL	259	A535124S	231	B535156S	232
9BK41-20	511	9CF-307	520	9HBE4-58	508	9TH21XL	425	A535125M	231	B535160M	232
9BK41-28	511	9CH01	521	9HBE4-62	508	9TH31-XL	259	A535126S	231	B535160S	232
9BK41-38	511	9CH212	521	9HBE4-67	508	9TH31-XL	425	A535130M	231	B535164S	232
9BK41-53	511	9CI016	524	9HBE81	508	9TH31-2L	259	A535132S	231	B535165M	232
9BK41-65	511	9CI1101	523	9HBL11-05	513	9TH31-2L	425	A535135M	231	B535168S	232
9BK41-73	512	9CI1102	523	9HBL12-05	513	9TK014	534	A535136S	231	B535170M	232
9BK43-65	511	9CI1103	523	9HBN01	509	9TK024	534	A535138S	231	B535172S	232
9BK51	512	9CI1202	523	9T xxx		9TK108	534	A535140M	231	B535175M	232
9BM120	512	9CI1203	523	9TA24A	436	9TK112	534	A535144S	231	B535176S	232
9BM2-01	255	9CJ013	522	9TA24B	436	9TK118	534	A535145M	231	B535180M	232
9BM2-02	255	9CJ023	522	9TA24D	436	9TK124	534	A535148S	231	B535180S	232
9BM2110	255	9CJ033	523	9TA25A	437	9TK225A	534	A535150M	231	B535184S	232
9BM2111	255	9CJ1112	521	9TA25B	437	9TK225B	534	A535155M	231	B535185M	232
9BM2210	255	9CJ1120	521	9TA261A	437	9TK236A	534	A535156S	231	B535188S	232
9BM2210A	255	9CJ1130	522	9TA261B	437	9TK236B	534	A535160M	231	B535190M	232
9BM2211	255	9CJ2112	522	9TA261D	437	9TP11	539	A535160S	231	B535192S	232
9BM2211A	255	9CJ2120	522	9TA27A	436	9TP12	539	A535164S	231	B535196S	232
9BP11	504	9CJ2212	522	9TA27B	436	9TP22	539	A535165M	231	B535200M	232
9BQ01	518	9CJ3104	522	9TA27D	436	9TQ01	536	A535168S	231	B535200S	232
9BQ11	519	9CJ3105	522	9TA28	441	9TQ03	533	A535170M	231	B535204S	232
9BT250	518	9CJ3106	523	9TA28-S	441	9TQ31	533	A535172S	231	B535208S	232
9BU111	516	9CJ61-40	523			9TT11-18	540	A535175M	231	B535210M	232
9BU111T	517					9TT21-03	540	A535180M	231	B535212S	232

Index

B535215M	232	SY-221F	258	ZS403	16
B535216S	232	SY-230M	258	ZS405	16
B535220S	232	SY-231M	258	ZS408	16
B535224S	232	SY-231F	258	ZS409	16
B535225M	232	SY-260M	258	ZS410	16
B535228S	232	SY-310H	258	ZS411	16
B535232S	232	SY-311H	258	ZS510	16
B535235M	232	SY-320H	258	ZS511	17
B535236S	232	SY-321H	258	ZS512	16
B535240S	232	SY-410H	258	ZS516	17
B535244S	232	SY-411H	258	ZS522	17
B535248S	232	WS xxx		ZS524	17
B535252S	232	WSB012802-5	515	ZS530	17
B535256S	232	WSB013006-5	515	ZS533	17
B535260S	232	WSB022701-5	515	ZS539	17
B535264S	232	WSN043601-5	515	ZS540	17
B535268S	232	WSN043602-5	515	ZV xxx	
B535272S	232	WSN143601-5	515	ZV011	282
B535276S	232	WSN143602-5	515	ZV011A	282
B535280S	232	ZS xxx		ZV011B	282
B535284S	232	ZS104	16	ZV011D	282
LU xxx		ZS105	16	ZV012	282
LUBE15	249	ZS106	16	ZV012A	282
LUBE15	250	ZS107	16	ZV012B	282
SC xxx		ZS108	17	ZV012D	282
SC7083MR	547	ZS109-L	16	ZV013	282
SC7096MR	548	ZS109-XL	16	ZV013A	282
SC7010MR	550	ZS109-2L	16	ZV013B	282
SC7396MR	549	ZS109-3L	16	ZV013D	282
SC7510MR	550	ZS110	17	ZV101	257
SC7583MR	547	ZS111-M	16		
SC7596MR	548	ZS111-L	16		
SC9043MR	551	ZS111-XL	16		
SC9543MR	551	ZS111-2L	16		
ST xxx		ZS111-3L	16		
ST112012MR	545	ZS111A-S	16		
ST112014MR	545	ZS111A-M	16		
ST112017MR	545	ZS111A-L	16		
ST112019MR	545	ZS111A-XL	16		
ST114512MR	545	ZS111A-2L	16		
ST114514MR	545	ZS111A-3L	16		
ST114517MR	545	ZS112-L	16		
ST114519MR	545	ZS112-XL	16		
ST20109MR	546	ZS112-2L	16		
ST20120MR	546	ZS112-3L	16		
ST20139MY	546	ZS116	17		
ST20139SY	546	ZS119	17		
ST20203MR	546	ZS120-S	17		
ST20207MY	545	ZS141-S	16		
ST20208MY	545	ZS141-M	16		
ST20209MR	545	ZS141-L	16		
ST20213MR	545	ZS141-XL	16		
ST20219MR	545	ZS141-2L	16		
ST20219MY	545	ZS141-3L	16		
ST20219MY1	545	ZS142B-S	16		
ST20219SY	546	ZS142B-M	16		
ST20220MR	546	ZS142B-L	16		
ST20419PR	546	ZS142B-XL	16		
ST2346MR	546	ZS142B-2L	16		
ST4028MR	547	ZS142B-3L	16		
ST4028SR	547	ZS142G-S	16		
ST4528MR	547	ZS142G-M	16		
ST4528SR	547	ZS142G-L	16		
ST87432-5B	549	ZS142G-XL	16		
ST87434-7B	549	ZS142G-2L	16		
SY xxx		ZS142G-3L	16		
SY-210H	258	ZS142W-S	16		
SY-210M	258	ZS142W-M	16		
SY-211F	258	ZS142W-L	16		
SY-211H	258	ZS142W-XL	16		
SY-211M	258	ZS142W-2L	16		
SY-220H	258	ZS142W-3L	16		
SY-221H	258	ZS306	16		
SY-221M	258	ZS307	17		
		ZS402	16		

KING TONY Tools Corporation

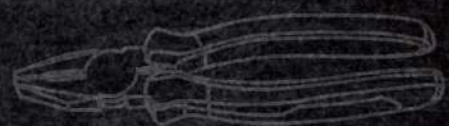
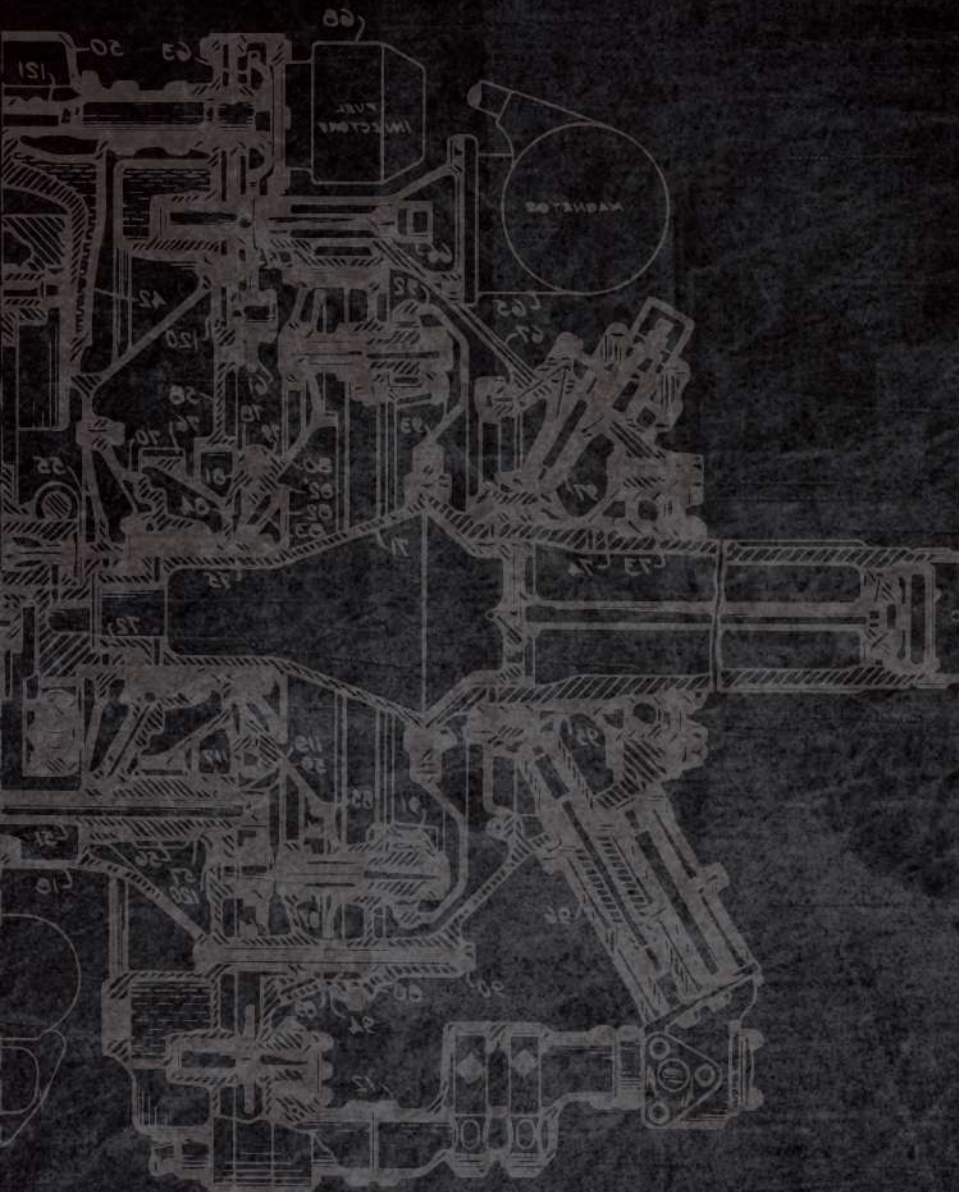
Gree Space for The Mind

The tall rich green grasses around us grow and give us a sense of a fresh, free feeling, as the gentle winds blow. As the tall grasses grow to reach the blue sky, so do our desires, minds, and work to reach the highest quality of service.

- KING TONY reserve the revising right to the listing product in this catalogue for improving or technical reasons.
- All products listed in catalogues before this version are null and void unless items confirming remain available by KING TONY.
- Do not copy or extract any listing in the catalogue without our approval.



**Quality
Innovation
Health
Enjoyment**



 **KING TONY TOOLS CO.,LTD.**



<http://www.kingtony.com>
<https://www.facebook.com/KingTonyTool/>
customer service e-mail: service@kingtony.com.tw



CAT2019-0