



KA-6277 Oil Pressure Switch Socket

- 1/2"DR x 1" & 1-1/16" x 90mmL



KA-6273C Oil Sender Unit Socket

- 3/8"DR x 1" & 1-1/16" x 74mmL



KA-6274 Oil Pressure Switch Tool

Quick removal and replacement of oil pressure sending units. Two-step design fits 1" & 1-1/16" oil pressure sending units. Use 3/8" square driver or 3/4" hex tool.



KA-3202 Hex Socket

- 1/2"DR.
- 27mm x 6PT x 78mmL
- Suit for VW-Audi, Seat and Škoda 4- and 5-cylinder engines



KA-3203 Deep Hex Socket

- 9/16"x21x82mmL
- VW-Audi, BMW, Mercedes, Jap. Cars, Volvo



KA-3204 Deep Hex Socket

- 9/16"x19x82mmL
- VW-Audi, Seat, Citroën, Fiat, Opel/Vauxhall, Peugeot, Renault, Jap. cars



KA-3186 Pantagon Socket Driver 19mm

- For using on bendix brakes system.
- Application: PEUEOT, CITROEN.
- Material: CR-V
- Use with 1/2" Drive wrench
- 1/2"DR x 19mm



KA-3186A Pantagon Bit Socket Driver 10mm

- For using on most vehicles fitting with brake systems.
- Material: CR-V
- Use with 1/2" Drive wrench
- 1/2"DR x 10mm



KA-3156 Coolant Temperature Sensor Socket

- For remover and installation of coolant temperature sensor
- Fits Nissan cars and trucks with 3.0L V6 engines
- Similar design to factory tool



KA-3188 4 Lug Drive Pinion Shaft Flange

- 1/2" x 40 x 88.3mmL
- For use on 1982-1990 3/4 and 1 TON GM heavy duty trucks, 1985 to current 1/2 TON Ford F-Series and full size Bronco with DANA 28 front axle, 1985-1/2 to current Ford F-250 heavy duty truck, 1985-1/2 to current Ford F-350 4x4, DANA 50 IFS and Model 60 monobeam outer adjusting nut. Heavy duty Chrome Moly Alloy Steel construction.



KA-3188A 1/2"DR. 4 Lug Spindle Nut Wrench

- Specially designed socket removes Ford Hi-Shear F 150/350 rear axles, 3/4 & 1 ton truck with 10-1/4" axles, F-Super duty truck with Dana 80 rear axles. 1/2" drive 2-13/32 I.D.



KA-3188B 1/2"DR. 2 Lug Spindle Nut Wrench

- This 2-lug wrench removes spindle nuts found on 1988 and newer Isuzu pick-up, Trooper, Amigo and Rodeo vehicles. It features uniquely designed lugs for strength. Use with 1/2" square drive tool. Caution: Wear eye protection. Do not use with power tools.



Hand Socket

- Chrome molybdenum steel,
- 1/2"DR x 90mm x 6PT

KA-3193A	29mm	KA-3193F	34mm
KA-3193B	30mm	KA-3193G	35mm
KA-3193C	31mm	KA-3193H	36mm
KA-3193D	32mm	KA-3193I	38mm
KA-3193E	33mm		

Axle Nut Socket (Hand Socket)

- Large metric hex sizes for removing and installing front hub / axle nuts.
- Available in two grades.



1/2"DR x 78mm x 6PT

KA-3194A	28mm	KA-3194F	36mm
KA-3194B	32mm	KA-3194G	38mm
KA-3194C	33mm	KA-3194H	40mm
KA-3194D	34mm	KA-3194I	41mm
KA-3194E	35mm		

1/2"DR x 78mm x 12PT

KA-3194J	27mm	KA-3194K	36mm
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3/4"DR

KA-3194L	50mm x 66mm x 12PT
KA-3194M	65mm x 78mm x 6PT
KA-3194N	65mm x 78mm x 12PT



Hand Socket

KA-3195A	3/4"DR x 45mm x 63mmL x 6PT
KA-3159B	3/4"DR x 46mm x 63mmL x 6PT



3/8" (9.5mm) Tap Holder Socket (タップホルドソケット)

Attach to any 3/8" Ratchet Wrench or T-bar to use.
ソケット用ハンドルでタップ作業ができます

KA-2985	Capacity: M4 ~ M8
KA-2986	Capacity: M10 ~ M12
KA-2987	Capacity: M13 ~ M14

Attach to Ratchet Wrench



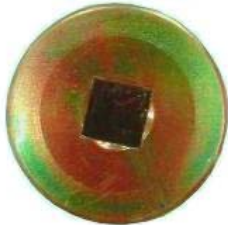
Attach to T Bar or Ratchet Wrench





KA-3189K Socket Cap Set

- 1/2" x 3/4 six hex x 29.6mmL
- 3/8" x 5/8 six hex x 22.3mmL
- 1/4" x 3/8 six hex x 17mmL



KA-3197 Crankshaft Socket Tool

Rotates crankshaft during engine assembly. All small block Ford, Buick and Pontiac.



KA-3935 Crankshaft Turning Sockets

- Designed to easily rotate the crankshaft during engine assembly.
- Manufactured from heat treated alloy steel.
- Gold iridite plated for maximum corrosion resistance.
- 1/2" square drive.

Part No.	Applications
KA-3935A	Small Block Chevy V8, 90° V6
KA-3935B	Big Block Chevy V8
KA-3935C	Ford, Buick, Olds, Pontiac with 3/16" keyway



KA-3154 7mm Allen Socket

3/8" drive. The short length of this socket (24mm) allows for easy removal of the rear brake caliper slide bolts.

Applicable: BMW E36 chassis (newer 3 series) and E31 chassis (8 series).



KA-3157 8mm Socket

3/8" drive, 24mm long, for R & R of screw on visco fan coupling with radiator in place. Used in conjunction with tool #0040.

Applicable: Engines M103, 104, 119, 120, OM 602, 603, 605 & 606.



KA-3076 VW and Audi Strut Nut Socket

Because the top shock retaining nut on VW and Audi FWD cars is recessed inside the strut tower, conventional methods for removing and installing it just won't work. The 1-3/4" long socket reaches down into the recess and fits the slot in the top of the nut. Center bore allows you to use a hex key to hold the strut shaft from turning, and the 7/8" (22mm) hex can gripped with a wrench.



Budd Wheel Deep Impact Socket

Socket removes and installs budd-type wheel fasteners. It has 2 openings, 13/16" square and 1-1/2" hex, eliminating the need for 2 separate sockets. It is designed for use with power impact tools.

KA-3158 3/4" x 1-1/2" x 13/16 x 98mmL

KA-3160 1" x 1-1/2" x 13/16 x 98mmL



KA-3210 Impact Socket

3/4" DR. x 28mm(30mm, 33mm) x 6PT x 63mm long



KA-3209A Impact Socket

1/2" DR. x 36mm x 6PT x 50mm long.



KA-3209B Impact Socket

1/2"DR x 1-5/16" x 6PT x 48mm long.



KA-3196A

KA-3196B

Air Impact Adaptor

Made from high quality Chrome Molybdenum steel.

KA-3196A 3/4"F x 1"M

KA-3196B 1"F x 3/4"M



KA-2055 6pcs 1/2" & 3/4" Special Impact Socket Set

- 1/2" dr. socket: 25, 27, 29, 30mm
- 3/4" dr. socket: hex at 60mm (18mm and 21mm grooved)



KA-3232K 1" Drive 5 PCs Budd Wheel Socket Set

Metric sizes for Isuzu, Hino, Mitsubishi Fuso and Import trucks, fit front and rear axles wheel. 1-1/2" hex budd wheel socket for American-made trucks. With dual rear wheels. These sockets work on the import truck budd wheels, their extra deep design lets you remove both nut and stud with just the one socket. They are usable with a 1" square impact wrench.

FWT No.	Description
KA-3232K-1	33mm hex budd wheel socket. For Mack Midlin-ers, white Volvo and other import trucks w/dual rear wheel Wt. 1lbs., 8 oz.
KA-3232K-2	35mm hex wrench. Wt., 2lbs
KA-3232K-3	1-1/2" hex budd wheel socket. For American-made trucks w/dual rear wheels. Wt, 2 lbs, 8 oz.
KA-3232K-4	38mm hex wrench. Wt 2 lbs., 8 oz.
KA-3232K-5	41mm hex wrench. Wt 2 lbs., 14 oz.

1/2" Dr. Impact Socket Set (CR-V)

KA-4152 10pcs/set

METRIC: 10,11,12,13,14,17,19,21,22,24MM

KA-4153 10pcs/set

SAE: 7/16,1/2,9/16,5/8,11/16,3/4,13/16,7/8,15/16,1"

KA-4154 14pcs/set

METRIC SIZE: 10,11,12,13,14,16,17,19,21,22,24,27,30,32MM

KA-4155 14pcs

SAE: 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"



KA-3205K 3/4" Dr. Sq. 8pc Deep Impact Air Socket

- 3/4" x (24,27,30,32,33,36,38,42) x 90mmL



1/2" Dr. 10pcs Deep Impact Socket Set

KA-4172 Size: 10,11,12,13,14,17,19,21,22,24mm

KA-4173 Size: 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"



1/2" Dr. 15pcs Deep Impact Socket Set

KA-4174 Size: 10,11,12,13,14,16,17,18,19,21,22,24,27,30,32mm

KA-4175 Size: 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"



KA-3237K Front Wheel Drive Axle Nut Socket

- 1/2" x (27,28)x78mmL x 6PT
- 1/2" x (29,30,32,34,35,36) x 90mmL



KA-3236K Spindle Nut Wrench Set

Removes and installs 2/4 wheel drive light truck axle lock nuts.

Do not use with power tools.

Contents and Applications:

Toyota 1995 and newer Tacoma, 1996 and newer T100 and 4 Runner.

1985 to late Ford F250-350 truck rear axle with hi-shear rotating nut and Ford Dana 80 truck rear axles.

1960 to current 1/2 Ton Chevrolet and GMC,

1966 to current Bronco, Blazer and Scout,

1959 to current Ford F100-250 series,

1969 to current Dodge 1/2 Ton vehicles.

1978 to current Ford 3/4 Ton and 1 Ton vehicles.

1973 to 1981 GM 3/4 Ton and 1 Ton vehicles.

1986 to current Ford Bronco and Ranger with Dana 44 axles,

1960 to current Bronco, Blazer and Scout,

1959 to current Ford F100-250 series,

1969 to current Dodge 1/2 Ton vehicles

Works on common 1/2 and 3/4 Ton 4-wheel drive pickup spindles.



KA-3230A Axle Nut Socket Set

For removal or installation of axle nuts on front wheel drive vehicles 1/2" Drive 6-point design Heavy duty Chrome Moly Alloy Steel construction.

29mm Fits late model GM and Ford Escort & Fiesta 1985 current.

30mm GM "X", "J" and "A" body style cars.

31mm Honda.

32mm Late model Honda & Chrysler front wheel drive vehicles.

33mm Fits many GM and Chrysler applications.

34mm 1991 through current: Buick Electra, Cadillac Fleetwood & De Ville,

Oldsmobile 98. 1992 through current: Buick Le sabre & Riviera, Cadillac

Eldorado & Seville, Chevy Lumina, Oldsmobile Delta 88 & Silhouette &

Toronado, Pontiac Bonneville & Transport. 1993 through current: Cadillac

Allante.

35mm Fits many late model GM vehicles.

36mm GM "E" body style cars.

38mm for Rover Allego, Metro, Mini 1100, 1300 flywheel nuts and ball joints.

Truck Pinion Locknut Sockets

Seven sockets, engineered with the proper clearance to fit the yoke and locknut assembly on a wide variety of truck transmissions/differentials. Sockets have 3" of usable depth, 4" overall length. Eliminates the need to gring or modify a standard socket to provide the necessary clearance.



No.	Hex Size	A	B	C	D	E
KA-3219	2"	59.94	67.31	76.2	25.91	104.14
KA-3220	2-1/8"	62.99	71.37	76.2	25.91	104.14
KA-3221	2-1/4"	66.04	75.95	76.2	25.91	104.14
KA-3222	2-3/8"	70.1	80	76.2	25.91	104.14
KA-3223	2-1/2"	72.9	83.06	76.2	25.91	104.14
KA-3224	2-5/8"	75.95	86.87	76.2	25.91	104.14
KA-3225	2-3/4"	77.98	91.44	76.2	25.91	104.14
KA-3226	55mm	64	72.39	76.2	25.91	104.14
KA-3227	65mm	73.91	84.58	76.2	25.91	104.14

KA-6698K 1/2" Dr. 7pcs Wheel Bearing Locknut Socket Set



- KA-6698A** 55mm hex locknut socket designed for use on front wheel adjusting nuts found on Toyota Ej, Ln and AN models.

- KA-6698B** 2-3/8" hex locknut socket works on 1984-92 Ford rangers & bronco II with automatic locking hubs.

- KA-6698C** 2-1/2" rounded hex locknut socket fits hex nut found on rear axles and various front axles application on light-duty trucks.

- KA-6698D** 2-1/2" rounded hex locknut socket. Works on 1995-96 Ford F/150 trucks and full-sized Broncos with automatic locking hubs.

- KA-6698E** 2-3/4" rounded hex locknut socket. Works on 3/4 and 1-ton Ford F-250 and F-350 trucks with automatic locking hubs.

- KA-6698F** 2-9/16" rounded hex locknut socket. Works on 1990-1993 Dodge trucks with Dana 60 manual hubs.

- KA-6698G** 2-3/8" rounded hex locknut socket. Works on 1999-newer Ford Bangers. Bronco lis, and Explorers with automatic locking hubs.



KA-3233 1/2" Dr. Wheel Bearing Locknut Socket

- 1/2" x 2-1/2"-6R x 85mmL



KA-3234 1/2" Dr. Wheel Bearing Locknut Socket

- 1/2" x 2-3/4"-6R x 85mmL



KA-3231 5pc Fwd Axle Nut Socket Set

1/2"x(29,30,32,34,36)x78mmL
 29mm late model GM, Ford Escort, Fiesta.
 30mm for Ford GM "X" and "A" style cars.
 32mm late model FWD Honda & FWD Chrysler cars.
 34mm late model Buick, Cadillac, Chevy, Oldsmobile & Pontiac.
 36mm for GM "E" style cars.



KA-3235K Front Wheel Drive Axle Nut Socket

- 1/2" x (29,30,32,34,35,36,38) x 90mmL x 6PT



KA-3228 Front Wheel Bearing Locknut Socket

For 1995-2002 4WD TOYOTA TACOMA AND 1996-2002 4WD TOYOTA T100 AND 4RUNNER, ALL WITH LOCKOUT HUBS



KA-3184 Toyota Locknut Wrench

Toyota's front wheel bearing design change requires a new procedure to remove the locknut; the free wheel hub assembly's locknut is on the inside, so the hub must be removed to gain access. This wrench's four-pin design accommodates the four holes in each locknut, which prevents slippage under high torquing requirements. Works on 1995 and newer Tacoma, and 1996 and newer T100 and 4 Runner.



KA-4233 Shock Absorber Socket

For X and J body GM cars.
 Fits 6.1mmx8mm "DOUBLE D" stem found on many General Motors OEM shocks. 3/8" drive.



KA-4235 VW Drain Plug Socket

17mmx3/8" square drive for removing and installing Volks transmission drain plugs. Recessed for full wrenching enga over magnet. 3/8" female square drive and 17mm male hex alloy steel. Heat-treated and zinc plated. Socket is 1-1/4" long. Not for impact use.

**KA-3176 Ball Joint Socket**

For medium-size Chrysler cars. 3/4" square drive. Wrench size is 1-59/64", length is 2".

**KA-3177 Ball Joint Socket**

For Chrysler pick-ups and vans. 3/4" square drive. Wrench size is 2-9/64", length is 2".

**KA-3180 Lower Ball Joint Socket**

Peugeot 405 / Citroen

**KA-6454 Tie Rod End Socket**

For removing tie rod ends. Fits most cars and some trucks. U-shaped opening measures 1-1/8" x 3/4". Use with 1/2" square drive handles. 1-15/16" I.D., 2-1/4" long.

**KA-3179 Truck Tie Rod Socket**

Designed for use with 3/4" drive impact wrench, this rugged socket makes inner and outer tie rod end removal a simple task. Fits tie rods on 12,000 through 16,000 lb. truck front axles.

Special heavy duty eight point socket to suit BPW rear axle hub retaining cap nuts found on later model Japanese commercial trucks, tractors and other automotive industrial equipment.



KA-3211 BPW Rear Hubcap Nut Socket

- Male Hex Drive: 1-5/8" (41mm)
- Size: 4-5/16" (109mm) 8 Point opening



KA-3212 BPW Rear Hubcap Nut Socket

- Male Hex Drive: 1-5/8" (41mm)
- Size: 4-3/4" (120mm) 8 Point opening



KA-3213 BPW Rear Hubcap Nut Socket

- Male Hex Drive: 1-5/8" (41mm)
- Size: 4-3/8" (111mm) Across the flats
- Applicable: BPW-12T



KA-3214 BPW Socket

- Size: 37mm.
- Applicable: Bpw-6T.



KA-6293 80mm Wheel Nut Socket For Scania

This eight sided 80mm socket is specifically for front wheel nut sockets on Scania trucks.



Wheel Capsule and Axle Nut Socket

For clean, easy loosening and tightening of flat oval wheel capsules and axle nuts, e.g. on BPW axles.

Part No.	Size(mm)	Drive	Range of application
KA-1102A	65	3/4"	For axle nuts with 65mm oval (ECO-Axle)
KA-1102B	80	3/4"	For axle nuts with 80mm oval (ECO-Axle)
KA-1102C	85	3/4"	For axle nuts with 85mm
KA-1102D	95	3/4"	For wheel capsules with 95mm oval
KA-1102E	110	3/4"	For wheel capsules with 110mm oval
KA-1102F	120	3/4"	For wheel capsules with 120mm oval (ECO-Axle)



KA-8203
Antenna Nut Socket
 Four-prong socket has 11/16" external hex. Nickel/chrome finish. Services: 1985-90 Ford Taurus and Mercury Sable, 1990 Lincoln Mark VLL.



KA-8204
Antenna Nut Socket
 Four-prong socket has 11/16" external hex. Nickel/chrome finish. Services: 1988-90 GM Cavalier and Sunbird, 1988-90 GMT400 pick-up trucks C and K, 1989-90 Lincoln Town car and Continental, 1990 Toyota C army and Celica, Chrysler/Mitsubishi tazer and Eclipse, Mitsubishi Galant and Sigma.



KA-8205
Power Antenna Nut Socket
 Four-prong socket has 3/4" external hex. Overall length is 44.5mm. Nickel/chrome finish. Services: 1977-current GM cars.



KA-8206
Antenna Nut Socket
 Three-prong socket has 11/16" external hex. 3/4" in diameter, 1-1/2" long. Nickel/chrome finish. Services : 1987-current Chrysler vehicles.



KA-8207
Ball Joint Socket
 For use on 4-5 B axles such as found on Dodge, Ford, Chevrolet, GMC and international four wheel drive trucks. Adjusts the sleeve in the top of the yoke on the front suspension. 1/2" square drive, 1" O.D., 2-1/8" long.



KA-8208
Antenna Nut Socket
 Two-prong socket has 11/16" external hex. Nickel/chrome finish. Services: 1989-90 Ford probe, 1989-90 Mazda Rx7 and 926, Nissan Stanza and Maxima.



KA-8210 3/8" Drive Remote Control Mirror Socket
 Suit Ford. & VW

KA-8209 Radio Trim Nut Socket
 Suit GM & Ford vehicles.



KA-8202 5 PCs Special Socket Set
 These special pin sockets are used for removing and installing bezel nuts when servicing antennas, aerials and remote control mirrors. Suits: Chrysler, Ford, GM, GMC, Mazda, Mercury, Mitsubishi, Nissan, Toyota and other vehicles.



KA-8201 8 PCs Special Socket Set
 Service: Mercedes, BMW, VW, GM, Audi, Ford, Honda, Mazda, Nissan, Mitsubishi. Toyota vehicles.



KA-6432 4pcs Stud Puller Wrench Set

- Chrome vanadium steel
- A. Sae size: 1/4", 5/16", 3/8", 7/16"
- B. Metric size: 6mm, 8mm, 10mm, 12mm



KA-6432B 4pcs Extractor/Installer Socket Set

(1/2" square drive)
 Contains 6mm, 8mm, 10mm and 12mm sockets.
 Designed for hard-to-get-at studs.
 Packaged in a durable molded plastic box.
 Chrome vanadium steel construction.



KA-6505 6pcs Stud Puller Wrench Set

Function: Screw without head; screw up; pull up
 Advantage: 1. quick function 2. damage to stud.
 Ways in use: Put stud puller wrench on screw, then handle on it; Turn it up or down.

Made of chrome vanadium
 Size: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2"
 Warning: use torque range less than

3/16"-15FT-LB(20NM)	3/8"-25FT-LB(33NM)
1/4"-15FT-LB(20NM)	7/16"-25FT-LB(33NM)
5/16"-15FT-LB(20NM)	1/2"-25FT-LB(33NM)



KA-6504 7pcs Stud Puller Wrench Set

Function: Screw without head; screw up; pull up
 Advantage: 1. quick function 2. damage to stud.
 Ways in use: Put stud puller wrench on screw, then handle on it; Turn it up or down.

Made of chrome vanadium
 Size: 5mm, 6mm, 7mm, 8mm, 10mm, 12mm, 14mm
 Warning: use torque range less than

5mm-15FT-LB(20NM)	10mm-25FT-LB(33NM)
6mm-15FT-LB(20NM)	12mm-25FT-LB(33NM)
7mm-15FT-LB(20NM)	14mm-25FT-LB(33NM)
8mm-15FT-LB(20NM)	



KA-3238 8pcs Stud Extractor/Installer Socket Set

- 1/2" DR.
- CR.V STEEL
- 6-8-10-12mm & 3/16-1/4-3/8-7/16"



KA-4120 19pcs 3/8" & 1/2" Dr. Twist Socket Tool Set

10- 3/8" Dr. Anti-skid Socket : 8-10-11-12-13-14-15-16-17-19mm
 4- 1/2"Dr. Stud Extractor / Installer Socket: 6-8-10-12mm
 5- Screw Extractor Set: 1/8"-1/4", 1/4"-5/16", 5/16"-7/16", 7/16"-9/16", 9/16"-3/4" (Plastic case)



Multi-Function Socket Set

For use with hydraulic, A/C and plumbing fitting, tie-rod ends, O2 sensors and diesel injectors. For hard to reach fasteners where an open end wrench will not work.

- Sockets fit both Metric and SAE.
- Great for damaged or worn nuts.
- Closed ring socket for seized track rod locking nuts.
- Square drive can be used with torque wrench or breaker bar for precise tightening.
- Closed socket ensures a tight grip, it will not spread open to release nut.

KA-3655A

size: 3/8" dr.-11, 12, 13, 14, 16mm (7/16", 1/2", 9/16", 5/8")

KA-3655B

size: 1/2" dr.-17, 18, 19, 20, 21, 22, 23, 24mm (11/16", 3/4", 13/16", 7/8", 15/16")

KA-3655C

size: 1/2"DR-25.26.27.29.30.32mm (1", 1-1/16", 1-1/8", 1-3/16", 1-1/4")

KA-3655D

size: 1/2"DR-32.33.34.35.36.38mm (1-1/4", 1-5/16", 1-3/8", 1-7/16", 1-1/2")

KA-3655E

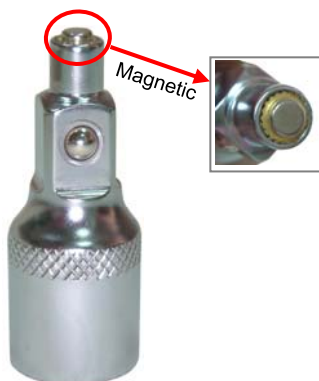
size: 3/4"DR-41.44.46.48.50mm (1-5/8", 1-3/4", 1-13/16", 1-7/8", 2")



KA-4119 4pc Diesel & Pressure & Injector Socket Set

Square drive nominal size 1/2"(12.5mm), for mounting, dismounting and tightening the pressure nut at the nozzle holder on commercial vehicles MERCEDES-BENZ M 401/421, M 402/422, LA, A, M 403/423, M 470h,

- 1/2"Dr. x 72mm(L) x 4 toothes
Mercedes Trucks engines OM401/421,OM403/423,LA,A,OM470
- H32 x 70mm(L) x 4 toothes With M14 x 1.5mm receiver thread
Mercedes Trucks,Neoplan,Setra
- H32 x 120mm(L) x 4 toothes
MAN.Mercedes,
- 1/2"Dr. x 120mm(L) x 3 toothes
Mercedes Trucks
Also for IVECO,SCANIA, RENAULT.



KA-8358 3/8" Dr. Magnetic Adapter

- 3/8" internal drive
- Chrome finish
- Dimension A : 7MM
- Dimension B : 9/32" (7.1MM)
- Dimension C : 1-25/32" (4.5MM)





KA-3680 105mm



KA-3681 98mm



KA-3682 95mm

Axle Nut Socket With Guide Band

- Six sided drive **SW 36**.
- Positive drive of the axle nut.
- Any extensive slipping is avoided.
- Milled out profile.
- Robust execution.
- Can be used with an impact wrench or torque wrench.
- Special steel.

Item No.	SW mm	● mm	Ø mm	H mm	kg	Application
KA-3680	105.0	36.0	134.0	118.0	2.37	Iveco Eurotech Cursor HA, etc
KA-3681	98.0	36.0	122.0	117.0	2.28	Iveco Euro Cargo etc
KA-3682	95.0	36.0	118.0	157.0	2.65	Mercedes Benz axle trailers



KA-3693A 60 - 67mm



KA-3693B 54 - 60mm



KA-3693C 46 - 52mm

Sleeve Locating Tube

- Practical connector system with fixing screw.
- Usably for different groove socket nuts(module systems).
- Enables stable work position.
- prevents slippage of the socket.
- Extremely robust execution.
- Change through loosening of the grub screw on the hexagon.
- Special steel.

Item No.	Inner Ø mm	Outer Ø mm	L mm	kg
KA-3693A	60.0	67.0	140.0	832
KA-3693B	54.0	60.0	140.0	690
KA-3693C	46.0	52.0	140.0	512



KA-3692 BPW Axle Nut Socket

- For the dismantling and assembly of BPW axle nuts
- Extremely versatile
- Flat oval form
- Suitable for exact torque with a 3/4" square drive
- For machinery usage
- Special steel

SW mm	● mm	Ø mm	H mm	kg
65	36	82	66	1.07



KA-3687 Groove Nut Socket With 6 Studes – 95 ~ 115mm

- Internal square drive to DIN 3121 /ISO 1174.
- Optional with sleeve Locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application: Mercedes Benz und MAN 10+13t Reduction axle, Hypoid-and Trailer axle NR7/4, Omnibus 0305 G + 0405G, etc.

Inner Ø mm	Outer Ø mm	H mm	Stud Ø mm	Stud	Stud width mm	kg
95.0	115.0	110.0	101.0	6	11.5	2.87



KA-3688 Groove Nut Socket With 6 Studes – 105 ~ 125mm

- Internal square drive to DIN 3121 /ISO 1174 .
- Rigid Locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application : Mercedes Benz Actros Rear axle, HL/HL 8 (Hypoid), etc

Inner Ø mm	Outer Ø mm	H mm	Stud Ø mm	Stud	Stud width mm	kg
105.0	125.0	180.0	116.0	6	10.0	2.95



KA-3689 Groove Nut Socket With 6 Studes – 80 ~ 90mm

- Internal square drive to DIN 3121/ISO 1174.
- Rigid locating tube.
- Optional with expander sleeve(bayonet locking system).
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application: Mercedes Benz Atego Rear axle, Vitaro 814, MAN, etc

Inner Ø mm	Outer Ø mm	Locating Tube Ø mm	H mm	Stud Ø mm	Stud	Stud width mm	kg
80.0	95.0	49.0	175.0	87.0	6	10.0	1.63



KA-3690 Groove Nut Socket With 6 Studes

- Internal square drive to DIN 3121 / ISO 1174 .
- Six sided drive SW 60.
- Optional with sleeve Locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application: MAN TGA Front axle, V9-82L-01(Disk brake/ABS), etc.



Inner Ø mm	Outer Ø mm	H mm	Stud Ø mm	Stud	Stud width mm	kg
134.0	147.0	160.0	118.0	6	12	4.65



KA-3691 Groove Nut Socket With 6 Studs

- Internal square drive to DIN 3121 /ISO 1174.
- Six sided drive SW 60
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application range: MAN TGA Front axle, V9-82L-01 (Disk brake/ABS),etc.

Inner Ø mm	Outer Ø mm	H mm	Stud Ø mm	Stud	Stud width mm	kg
101.0	110.0	80.0	93.0	6	7.2	2.65



KA-3685 Groove Nut Socket - 134 ~ 147mm

- Internal square drive to DIN 3121 / ISO 1174 .
- Six sided drive SW 60.
- Optional with sleeve Locating tube.
- High accuracy of fit.
- Extremely robust execution.
- Suitable for high tightening and loosening torque.
- Special steel.
- Application : MAN TGA Front axle, V9-82L-01(Disk brake/ABS), etc.

Inner Ø mm	Outer Ø mm	H mm	Stud Ø mm	Stud	Stud width mm	kg
134.0	147.0	110.0	118.0	6	12.0	3.82



KA-3686 Axle Nut Socket 140mm

- Positive drive of the axle nut.
- Robust execution.
- Can be used with an impact wrench or torque wrench.
- Ideally suited for brake restoration working.
- Forward tension with SW 32mm is at 150 N-m.
- Angle of rotation 20-30 with SW 46.
- Special steel.
- Application : SAF Euro axle, etc

SW mm	● mm	H mm	kg
140.0	32/46	135.0	3.94



3/4" Clamp Nut Socket

- For professional loosening and tightening.
- Extremely versatile.
- Rectangular form.
- Usably with rectangular clamp nuts on the axle stub.
- Suitable for exact torque with a 3/4" square drive.
- Milled out profile.
- For machinery usage.
- Special steel.
- Application : DAF, Mercedes Benz, kassbohrer-Setar, MAN



Item No.	Inner Ø mm	Outer Ø mm	L mm	kg
KA-3683	56.0	3/4"	53.0	921
KA-3684	60.0	3/4"	53.0	816



KA-6393 Vacuum Switch Socket

- 3/8" square dr. x 7/8" (22mm) 6 point x 30mm
- This flare nut socket for vacuum switch & oxygen sensor service for computer-controlled engines.



KA-6393A Oxygen Sensor Socket

- 3/8" square dr. x 7/8" (22mm) 12 point x 22mm 6 point.
- Applicable: Ford, Toyota, Nissan, Benz, BMW, and most of European cars, also GM vehicles.
- Flare nut for vacuum switch & oxygen sensor service on the computer - controlled engines.



KA-6393B Oxygen Sensor Socket

- 3/8" square dr. x 7/8" (22mm) 12point
- Use for the removal and replacement of oxygen sensor that a narrow area. No need to cut the wires leading to the unit when you checking sensor.
- Applicable: most European models.



KA-6258 Offset Oxygen Sensor Wrench

- Developed for use on the LTI GENII 5.7I HO MPFI v-8 found in the 1993 and later Corvette, 1993 and later Corvette, 1993 Camaro, and 1993 Firebird / TransAm
- Additional applications: the 1989 and later Corvette ZR1 with the LTI 5.7I DOHC SFI v-8 as well as many other vehicles
- Made from alloy steel with a black finish and 3/8" square drive.
- 3/8" DR. x 7/8" (22mm) x 50mmL



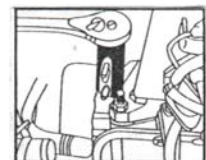
KA-6255 Heated Oxygen Sensor socket

- 1/2" DR. x 7/8" x 50mm (double square for easy access).
- For computer-controlled vehicle systems.
- Removes the oxygen sensor located in the exhaust manifold easily.
- Heat treated cast steel.



KA-7524 Universal Oxygen Sensor Socket

- For most vehicle oxygen sensors
- A slot provided in the side of the socket for wire clearance
- Outside rib provides added strength
- 1/2" sq dr, 1" male hex dr
- 7/8" 6pt hex socket



KA-6253D Oxygen Sensor Socket

- 3/8"DR.
- 7/8"(22mm) x 6PT x 90mmL



KA-6262A Injector Socket

- 1/2"DR.
- 7/8"(22mm) x 6PT x 90mmL



KA-6261B 1/2" Dr. Oxygen Sensor Socket

- 1/2" Dr. 7/8" (22mm) x 90 mmL
- 7mm slot
- For oxygen sensor on Japanese cars Ford, GM, Chrysler & other cars.



KA-6262 Vacuum Switch Socket

- 1/2" DR x 29mm x 6PT x 90mmL
- 7mm slot



KA-6261



KA-6261A

Vacuum Switch Socket

- Heat treated alloy steel.
- 3/8" Dr. x 7/8"(22mm) x 6PT x 80mmL
- 7mm slot
- for oxygen on computer engine controlled cars.

KA-6261 Black Finished

KA-6261A Chrome Plated



KA-6391



KA-6391C

3/8" Dr. Oxygen Sensor Socket

- Alloy steel, heat treated
- Remove and install oxygen sensors on computerized engine controlled vehicles
- Special 7/8" hex socket with special feature cut-away slot for sensor wire clearance
- 3/8" Dr. x 7/8"(22mm) x 6PT x 90mmL
- 20mm slot for vacuum
- PVS TVS valve & oxygen sensor on Ford, GM, Chrysler & other cars.

KA-6391 Black Finished

KA-6391C Chrome Plated



KA-6253



KA-6253A

1/2" Dr. Oxygen Sensor Socket

- Alloy steel, heat treated
- Remove and install oxygen sensors on computerized engine controlled vehicles
- Special 7/8" hex socket with cut-away slot for sensor wire clearance
- 1/2" Dr. x 7/8"(22mm) x 6PT x 90mmL
- 20mm slot for vacuum
- PVS TVS valve & oxygen sensor on Ford, GM, Chrysler & other cars.

KA-6253 Black Finished

KA-6253A Chrome Plated

Special cut-away slot allowing access to remove and replace injectors without damage to fuel-lines.
Remove and Replace the injectors on BMW 524 td, Ford, VW and Mercedes diesel

**KA-6268A Injector Socket**

- 1/2"DR x 27 x 78mmL
- 12PT

**KA-6268B Injector Socket**

- 1/2"DR x 27 x 78mmL
- 6PT

**KA-6268C Injector Socket**

- 1/2"DR x 27mm x 78mmL
- 12PT

**Injector Socket**

- 1/2"DR x 28 x 78mmL
- 12PT

KA-6270A Black Finished**KA-6270** Chrome Plated**KA-6271 Diesel Injector Socket**

- Special cut-away deep socket to remove and replace injectors without damage to fuel-lines.
- To remove and replace injectors on VW, AUDI, BMW, FORD, OPEL, ROVER, MERCEDES, SEAT, VOLVO, ETC...
- 1/2" Dr. x 22mm x 6PT x 78mmL

**KA-3172 Open Sided Deep Injector Socket**

- 1/2"DR x 22mm x 12PT x 78mmL

**Injector Socket**

- 1/2"DR x 22mm x 110mmL

KA-6269 Black Finished**KA-6269A** Chrome Plated



KA-6268D Injector Socket

- 1/2"DR x 28mm x 6PT x 83mmL



KA-3172A Injector Socket

- 1/2"DR x 21mm x 12PT x 90mmL



KA-6272 Diesel Injector Socket

1/2" square drive 6 point socket to remove diesel injectors fitted to GM (Vauxhall/Opel) Mitsubishi, Nissan, and Volkswagen vehicles. Forged hardened chrome vanadium steel, tempered, chrome plated and polished for corrosion protection.

- 1/2" Dr.x22mm x 6PT x 90mmL



KA-6262B Impact Socket

- 1/2" DR x 22mm x 6PT x 80mm long.



KA-6260K 3pcs Oxygen Sensor Wrench Set

Content:

KA-6255 Heated oxygen sensor wrench 3/8"Dr.x7/8"x50mmL

KA-6293 Vacuum switch socket 3/8"Dr.x7/8"x30mmL

KA-6261 Vacuum switch socket 3/8"Dr.x7/8"x90mmLx7mm



KA-6260A

5pcs Oxygen Sensor Socket & Vacuum Switch Socket & Spark Plug Hole Thread Chaser Set

Content:

KA-6255 Heated oxygen sensor wrench 3/8"Dr.x7/8"x50mmL

KA-6293 Vacuum switch socket 3/8"Dr.x7/8"x30mmL

KA-6261 Vacuum switch socket 3/8"Dr.x7/8"x90mmLx7mm

Tapered 12m/m and 18m/m threads designed to start and remove carbon & dirt or straighten damaged threads in spark plug hole.

Use with deep socket, open ends or boxes wrench.



KA-6257K 7pcs Sensor Socket Kit

Content:

- KA-6391** 3/8" Dr. x 7/8" x 90mm x 20mm slot oxygen sensor socket
- KA-6261** 3/8" Dr. x 7/8" x 80mm x 7mm slot vacuum switch socket
- KA-6273** 3/8" Dr. x 1-1/6" x 74mmL oil sender unit socket
- KA-6255** Oxygen sensor wrenches offset (2-1/8") & super duty 12 & 6 point socket
- KA-6258** 3/8" Dr. x 7/8" x 50mm heated oxygen sensor socket
- KA-6262** 1/2" Dr. x 29 x 90mm oxygen sensor socket
- KA-6268A** 1/2"DR x 27 x 12PT x78mmL Injector socket



KA-6260K-4 4pcs Oxygen Sensor Socket Set

Content:

- **KA-6214** 22mm Special tube socket
- **KA-3206A** Oxygen sensor thread chaser
- **KA-7524** Oxygen sensor socket
- **KA-6393A** 3/8"square dr. x 7/8"(22mm) 12 point x 22mm 6 point offset oxygen sensor wrench



KA-6260K-8 8pcs Oxygen Sensor Socket Set

Content:

- **KA-6214** 22mm Special tube socket
- **KA-3206A** Oxygen sensor thread chaser
- **KA-6255** Oxygen sensor wrenches offset (2-1/8") & super duty 12 & 6 point socket
- **KA-7524** Oxygen sensor socket
- **KA-6262** 1/2" Dr. x 29 x 90 mm oxygen sensor socket
- **KA-6391** 3/8" Dr. x 7/8" x 90mm x 20mm slot oxygen sensor socket
- **KA-6258** 3/8" Dr. x 7/8" x 50mm heated oxygen sensor socket
- **KA-6393A** 3/8"square dr. x 7/8"(22mm) 12 point x 22mm 6 point offset oxygen sensor wrench

11pcs Oxygen Sensor Socket Set

KA-6260K-11 KA-6260K-11A



KA-6260K-11



KA-6260K-11A

Content:	KA-6260K-11	KA-6260K-11A
KA-6214 22mm Special tube socket	●	●
KA-6268E 1/2" Dr. x 27 x 85mm injector socket	●	●
KA-3206A Oxygen sensor thread chaser	●	●
KA-6255 Oxygen sensor wrenches offset (2-1/8") & super duty 12 & 6 point socket	●	●
KA-7524 Oxygen sensor socket	●	●
KA-6262 1/2" Dr. x 29 x 90 mm oxygen sensor socket	●	●
KA-6391 3/8" Dr. x 7/8" x 90mm x 20mm slot oxygen sensor socket	●	●
KA-6261 3/8" Dr. x 7/8" x 80mm x 7mm slot vacuum switch socket	●	●
KA-6273 3/8" Dr. x 1-1/6" x 74mmL oil sender unit socket	●	●
KA-6258 3/8" Dr. x 7/8" x 50mm heated oxygen sensor socket	●	●
KA-6393 3/8" square dr. x 7/8"(22mm) 6 point x 30mm	--	●
KA-6393A 3/8"square dr. x 7/8"(22mm) 12 point x 22mm 6 point offset oxygen sensor wrench	●	--



KA-6282B 10pcs Oxygen Sensor Wrench Set

Content:

- **KA-6262** 1/2" Dr. x 29mm x 6PT x 90mmL
- **KA-6391** 3/8" Dr. x 7/8" x 6PT x 90mmL
- **KA-6261** 3/8"Dr. x 7/8" x 6PT x 80mmL
- **KA-6255** 1/2"Dr. x 7/8" x 50mmL
- **KA-6258** 3/8"Dr. x 7/8" x 30mmL
- **KA-3172** 1/2"Dr. x 22mm x 12PT x 78mmL
- **KA-6273C** 3/8"Dr. x 1" & 1-1/16" x 74mmL



KA-6282A 6pcs Diesel Injector Socket Set

Content:

- **KA-6268A** 1/2"Dr. x 27mm x 12PT x 78mmL
- **KA-3172** 1/2"Dr. x 22mm x 12PT x 78mmL
- **KA-6269** 1/2"Dr. x 22mm x 6PT x 110mmL
- **KA-6270A** 1/2"Dr. x 28mm x 12PT x 78mmL
- **KA-3172A** 1/2"DR x 21mm x 12PT x 90mmL
- **KA-6268D** 1/2"DR x 28mm x 6PT x 83mmL



KA-6282K 4pcs Injector Socket Sets With Window C.V.

- 1/2" x (22,27,28) x 78mmL + 1/2" x 22mm x 110mmL

Content:

- **KA-6282A** Injector socket 27mm
- **KA-6270** Injector socket 28mm
- **KA-6271** Injector socket 22mm
- **KA-6269** Injector socket 110mmL



KA-6281K 3pcs Injector Socket Sets With Window C.V.

- 1/2" x (22,27,28) x 78mmL

Content:

- **KA-6268A** Injector socket 27mm
- **KA-6270** Injector socket 28mm
- **KA-6271** Injector socket 22mm



KA-6256K 4pcs Sensor Socket Kit

Content:

- **KA-6258** 3/8" DR. x 7/8"(22mm) x 50mmL offset oxygen sensor wrench
- **KA-6261** 3/8" Dr. x 7/8" x 80mm x 7mm slot vacuum switch socket
- **KA-6391** 3/8" Dr. x 7/8" x 90mm x 20mm slot oxygen sensor socket
- **KA-6255** Oxygen sensor wrenches offset (2-1/8") & super duty 12 & 6 point socket

KA-6290K 14pc Specialty Socket Set

- 17 x 78mmL(12PT):REUVAULT.
- 19 x 78mmL(12PT):VW POLO, AUDI, SEAT, MAZDA.
- 20 x 78mmL(6PT):ABIERTU JAPAN.
- 27 x 78mmL(6PT):ABIERTU JAPAN.
- 21 x 90mmL(12PT):SEAT, AUDI,VW,SKODA,ALFA, ROMEO, MITSUBISHI.
- 22 x 78mmL(12PT):SEAT, AUDI,VW, SKODA,OPEL.
- 22 x 110mmL(12PT):MERCEDES, CITROEN, PEUGEOT, FORD, NISSAN. MAZDA, MITSUBISHI, SEAT, AUDI,VW, ETC.
- 27 x 78mmL(12PT):SEAT, AUDI, VW, SKODA, BMW, MERCEDES, OPEL FORD, NISSAN, MITSUBISHI, LIN COLN(USA).
- 27 x 110mmL(12PT):CITROEN, PEUGEOT, SISTEN LVCAS.
- 28 x 78mmL(12PT):ALFA ROMEO, FIAT, ROVER, OPEL.
- 30 x 78mmL(12PT):MERCEDES.
- 22 x 150mmL(12PT).
- 7/8" OFFSET OXYGEN SENSOR SOCKET.
- 7/8" OFFSET DEEP OXYGEN SENSOR SOCKET.



KA-6291K 21pc Specialty Socket Set

- 17 x 78mmL(12PT):REUVAULT.
- 19 x 78mmL(12PT):VW POLO, AUDI, SEAT, MAZDA.
- 20 x 78mmL(6PT):ABIERTU JAPAN.
- 27 x 78mmL(6PT):ABIERTU JAPAN.
- 21 x 90mmL(12PT):SEAT, AUDI,VW,SKODA,ALFA, ROMEO, MITSUBISHI.
- 22 x 78mmL(12PT):SEAT, AUDI,VW, SKODA,OPEL.
- 22 x 110mmL(12PT):MERCEDES, CITROEN, PEUGEOT, FORD, NISSAN. MAZDA, MITSUBISHI, SEAT, AUDI,VW, ETC.
- 27 x 78mmL(12PT):SEAT, AUDI, VW, SKODA, BMW, MERCEDES, OPEL FORD, NISSAN, MITSUBISHI, LIN COLN(USA).
- 27 x 110mmL(12PT):CITROEN, PEUGEOT, SISTEN LVCAS.
- 28 x 78mmL(12PT):ALFA ROMEO, FIAT, ROVER, OPEL.
- 30 x 78mmL(12PT):MERCEDES.
- 22 x 150mmL(12PT).
- 7/8" OFFSET OXYGEN SENSOR SOCKET.
- 7/8" OFFSET DEEP OXYGEN SENSOR SOCKET.
- 29 x 90mmL (6PT)
- 22 x 80mmL (6PT)
- 22 x 90mmL (6PT)
- 1" & 1-1/16" x 74mmL
- 28 x 83mmL (6PT)
- 22mm (6PT) FLEXIBLE OXYGEN SENSOR SOCKET WRENCH
- HEX:22mm x 110mmL: ANGLED SOCKET: VW,AUDI,BMW, MERCEDES,FORD,OPEL/VAUXHALL,REUVAULT,CITROEN, RENAULT,SEAT,SKODA,JAPANESE CARS.



KA-3239 3/8" DR. Flexible Oxygen Sensor Socket Wrench

- Removes & Installs sensors on Computerized Engine control Vehicles.
- 3/8" dr. x 22mm 6PT socket with cutaway slot for wire clearance.
- Flexible design for confined areas.
- Alloy steel.



KA-5171 Diesel Injector Nozzle Socket

- 1/2" DR. socket can use for SIEMENS & BOSCH
- Size: 25, 27, 29, 30mm
- Suitable for Peugeot and Citroen with 2.0 engines (110/135HP) HDI engine.





KA-3255 3/8" & 1/2" Dr. Dodge Wire Nut Socket (Slotted)

For assembly of top and side wired temperature sensors, thermo switches and other components also suitable for nuts and bolts of bent pipes on socket rail

- 3/8" Dr. 10, 11, 12, 14mm
- 1/2" Dr. 17, 19mm
- 6PT
- Slot width size: 7.4, 8.8, 9.1, 10.5, 13.3, 14.4mm



*Specially Designed to Loosen the Damaged
→ Deformed or Rust-Ridden Screws & Nuts*



KA-2393K 10pc Twist Sockets Set

- DR. 3/8"
- Sockets: 10-11-12-13-14-15-16-17-19mm
- 1pc 8mm Straight rod



KA-2393K-1 10pc Twist Socket Set

- DR. 1/2"
- Sockets: 10-11-12-13-14-15-17-19mm



KA-2393A 5pc Twist Socket Set

- 1/2" DR. : 17, 19, 21, 22 / (23)mm
- Bar: 50L



KA-2393B 6pc Twist Sockets Set

- 1/2" DR. : 17, 19, 21, 23, 27mm
- Bar: 50L



KA-2393C 12pc Twist Sockets Set

- 3/8" DR. : 8, 10, 12, 13mm
- 1/2" DR. : 14, 15, 16, 17, 19, 21mm



KA-2393D 15pc Twist Sockets Set

- 1/4" DR. : 6, 8, 10, 11, 12, 13mm
- 1/2" DR. : 14, 15, 17, 19, 21, 24, 27mm



4pc Twist Socket Set

- Material: SNCM439
- Hardness: 50° ~ 53°

KA-2716A

- 1/2" Drive
- Size: 17,19,21mm + a bar-150L

KA-2716B

- 1/2" Drive
- Size: 17,19,21mm + a bar-120L



**KA-2716C
5pc Twist Socket Set**

- 1/2" Drive
- Size: 17, 19, 21, 22mm + a bar-150L
- Material: SNCM439
- Hardness: 50° ~ 53°

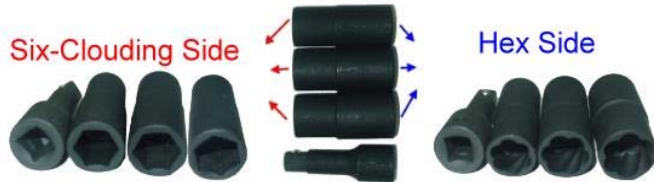


One Set with Two Designs.



KA-2393-DB1 4pcs Double-Sided Twist Socket Sets

- 3pcs Double-Sided Twist Sockets – 17mm, 19mm, 21mm x 80mm(L)
- 1pc Extension Sockets - 1/2" SQ. Dr. x 70mm(L)
- Sockets with Hex sides & Six-Clouding Sides.
- Made of CR-MO.
- Multi-Application.
- Connect the socket with the extension socket to work.

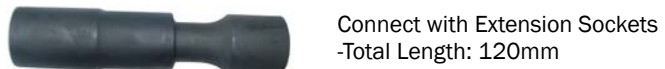


One Set with Two Designs.



KA-2393-DB2 4pcs Double-Sided Twist Socket Sets

- 3 PC /SET Double-Sided Twist Sockets – 17mm, 19mm, 21mm x 80mm(L)
- 1pc Extension Sockets - 1/2" SQ. Dr. x 70mm(L)
- Sockets with Twelve-Clouding sides & Six-Clouding Sides.
- Made of CR-MO.
- Multi-Application.
- Connect the socket with the extension socket to work.



KA-2393-DBK 5pc 6point + 6point Twist Socket

- Size: 19-21-22-24mm + 1/2" extension driver
- Material: SNCM439 (19,21,22,24mm) – HRC50~53
- Material: SNCM440 (extension driver) – HRC48~52
- 1/2" DR.



KA-2393E 4pc Twist Sockets Set

- 1/4" DR.:8-10-12-14mm
- Length:45mm
- Material: SNCM439
- Hardness: 50° ~ 53°



KA-2393F 10pc Hex Spiral Sockets

- Size: 8,10,11,12,13,14,15,16,17,19mm
- 1/2" DR.
- Material: SNCM439
- Hardness: 50° ~ 53°
- Use with Locking Pliers.
- A great set to remove the worn or damaged sockets.



KA-2393FL 11pc Twist Sockets

- Size: 1/2" DR.: 16-17-18-19-21mm
- 3/8" DR.: 8-10-11-12-13-14mm
- Material: SNCM439
- Hardness: 50° ~ 53°



Hex Side



KA-2393G 14pc Twist Sockets Set

- Size: 10-11-12-13-14-16-17-18-19-21-22-24-27mm + a bar
- 1/2" DR.
- Material: SNCM439
- Hardness: 50° ~ 53°



**KA-2393B1
11pc Twist Sockets**

- 3/8"Dr. 8-10-11-12-13-14mm
- 1/2"Dr. 15-16-17-18-19mm



**KA-2715B 7pc Screw Extractor Kit with Reverse Thread**

- 3/8"Dr. 2-3-4-5-6mm
- 1/2"Dr. 8-10mm

**KA-2715 6pc Screw Extractor Kit With Reverse Thread**

- Size:2-3-4-6-8-10mm
- 3/8" DR.
- Material: 8660(SNCM + V)
- Hardness: 49° ~ 41°

**KA-2715A 7pc Power Fastener Extractor Set**

- Size: 6-8-10-11-12-13-14mm
- 1/4" DR.
- Material: 8660(SNCM + V)
- Hardness: 49° ~ 52°

**KA-2715SK 15pc Screw Extractor**

- Size: 3, 1/8", 4, 3/16", 5, 5.5, 6, 1/4", 8, 3/8", 10, 11, 12, 1/2", 14mm
- Material: 8660(SNCM + V)
- Hardness: 49° ~ 52°

**KA-2716 5pc Screw Extractor Kit With Reverse Thread**

- Size: 8-10-12-14-16mm
- 1/2" DR.
- Material: 8660(SNCM + V)
- Hardness: 49° ~ 52°



KA-2393H 6pcs 1/2" + 3/4" Dr. Twist Socket (for truck)

This tool is for loosening a damaged truck nut which can not be done by a socket or wrench.

- 1/2" Dr. 22-24-27-32mm
- 3/4" Dr. 36-41mm



KA-4421K 5pc 1/2" Dr. Locking Wheel Nut Remover Kit

- Size: 12-14-17-19-21mm
- 1/2" DR.
- Material: SNCM440
- Hardness: 52°



KA-3104 4pc Lug Nut Removal Socket Set

- Size: 17 - 18.5 - 21.5 - 26mm x 1/2"SQ. x 38mm(L)
- Functions as Nut Splitter
- Applicable for Stuck or Damaged Nuts.



KA-3104-7 7pc 1/2"Dr. Twist Socket Set

- Cr-Mo Steel , Hardened , Black Finish
- Size: 17 - 18.5 - 20 - 21.5 - 23 - 24.5 - 26mm



KA-3208K 2pc Locking Wheel Nut Remover

- KA-3263** 1/2" Dr. Sq. x 13/16" x 45.8mmL
- KA-3265** 1/2" Dr. Sq. x 1" x 45.8mmL



KA-1304 10pcs 3/8"Dr. Anti-Skid Socket Set

- Size: 8,10,11,12,13,14,15,16,17,19mm
- Material: CR-MO



KA-4262K
1/2" Dr. 3pcs Thin Wall Deep Impact Socket Set
 ■ Size: 17-19-21mm



KA-4161
1/2" Dr. 3pcs Thin Wall Deep Impact Socket Set
 ■ Size: 17-19-21mm



KA-4165
1/2" Dr. 4pcs Thin Wall Impact Socket Set
 ■ Size: 17-19-21-22mm



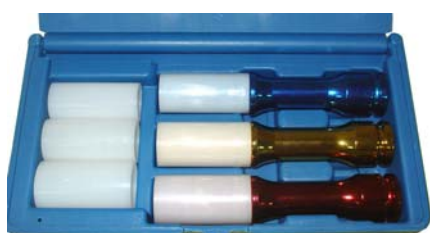
KA-4160
1/2" Dr. 4pcs Thin Wall Deep Impact Socket Set
 ■ Size: 17-19-21-22mm



1/2" Dr. 5pcs Thin Wall Deep Impact Socket Set
KA-4263K Size: 17-19-21mm & 13/16", 7/8"
KA-4263A Size: 15-17-19-21-22mm



1/2" Dr. 7pcs Thin Wall Deep Impact Socket Set
KA-4265K Size: 17-19-21-22-23-24-27mm
KA-4264K Size: 17-19-21mm, 13/16", 1", 1-1/16"



KA-4159 1/2" Dr. 3pcs Thin Wall Deep Impact Socket Set
 ■ Size: L:150mm 17-19-21mm

KA-4159MAG 1/2" Dr. 3pcs Thin Wall Deep Impact Socket Set **With Magnetic**
 ■ Size: L:150mm 17-19-21mm



Pneumatic Ball Type Swivel Universal Wheel Socket Set

KA-8335 6pcs
 ■ 3pcs plastic caps: 17, 19, 21mm
 ■ 3pcs pneumatic ball type swivel universal wheel socket: 17, 19, 21 x 19mmL

KA-8336 9pcs
 ■ 3pcs plastic caps: 17, 19, 21mm
 ■ 3pcs wheel socket: 17, 19, 21mm
 ■ 3pcs pneumatic ball type swivel universal wheel socket: 17, 19, 21 x 19mmL



KA-4162 1/2" Dr. 4pcs Flip Impact Socket Set
 ■ Size: 17x19mm, 19x21mm, 3/4" x 13/16", 3" ET



KA-4163 1/2" Dr. 4pcs Flip Impact Socket Set
 ■ Size: 17 x 19mm, 3/4 x 13/16", 21mm x 7/8", 1/2" & 3" Extension Bar



KA-4169 1/2" Dr. 4pcs Super Thin Wall Impact Socket Set
 ■ Size: 17-19-21-22mm (L:110mm)



3/4" Dr. 7pcs Universal Socket Set
KA-4170 Size: 17-19-21-22-23-24-27mm
KA-4171 Size: 11/16,3/4,13/16,7/8,15/16,1, 1-1/16"



KA-4156



KA-4156A

1/2" Dr. 5pcs Torque Extension Bar Set
KA-4156 Size: 100-110-120-135-150Nm (75-80-90-100-110 ft/lbs)
KA-4156A Size: 90-100-110-120-135Nm (65-75-80-90-100 ft/lbs)



KA-4157



KA-4157A

1/2" Dr. 8pcs Torque Extension Bar Set
KA-4157
 ■ 4-Torque Extension Bar: 110-120-135-150Nm (80-90-100-110 ft/lbs)
 ■ 4-Thin Wall Deep Impact Socket: 17-19-21-22mm
KA-4157A
 ■ 4-Torque Extension Bar: 100-110-120-135Nm (75-80-90-100 ft/lbs)
 ■ 4-Thin Wall Deep Impact Socket: 17-19-21-22mm



KA-4158 1/2" Dr. 10pcs Torque Extension Bar Set
 ■ Size: 90-100-110-120-135-150-160-175-190-200Nm (65-75-80-90-100-110-120-130-140-150 ft/lb)

Universal Torque-Limited Socket Set



KA-6288K



KA-6288KT



KA-6298K

- 1/2" Dr.
- Length: 100mm
- Max. Torque: 100Nm

KA-6288K 3pcs Size: 17, 19, 21mm

KA-6288KT 3pcs (Thin Type) Size: 17, 19, 21, 22mm , for small Japanese car

KA-6298K 4pcs Size: 17, 19, 21, 22mm



KA-6297K Torque Limiting-Impact Adapter Socket

- 1/2" Dr.
- Size: 1/2"F x 3/8"M, 1/2"F x 1/2"M, 1/2"F x 3/4"M
- Length: 100mm
- Max. Torque: 100Nm



KA-6300K Torque Limiting-Impact Socket

- 1/2" Dr.
- Size: 17, 19, 21mm
- Length: 150mm
- Max. Torque: 100Nm

TORQUE LIMITING SOCKET

How to use:

Step 1: To remove the lug nuts with full torque delivery of impact wrench

Step 2: Patented design for fastened the lug nut quickly and accurately to reach presetting torque strength. The torque socket will free running automatically while reach the presetting torque.

Step 3: Check the torque strength by torque wrench, according to the maintenance manual of different vehicles. To ensure the nuts fastened securely with correct torque strength.



HYDRAULIC TORSION DUAL TORQUE IMPACT SOCKET



KA-6288K-HD



KA-6298K-HD



KA-6299K-HD

- KA-6288K-HD 3pcs H.D.T. socket, size: 17, 19, 21mm
- KA-6298K-HD 4pcs H.D.T. socket, size: 17, 19, 21, 22mm
- KA-6299K-HD 3pcs H.D.T. socket, size: 17, 19, 21mm & 1pc 1/2" H.D.T. adapter socket



KA-6296K Hydraulic Torsion Dual Torque Impact Socket

- Size: 3/8", 1/2", 3/4"



KA-6300K-HD Hydraulic Torsion Dual Torque Impact Socket

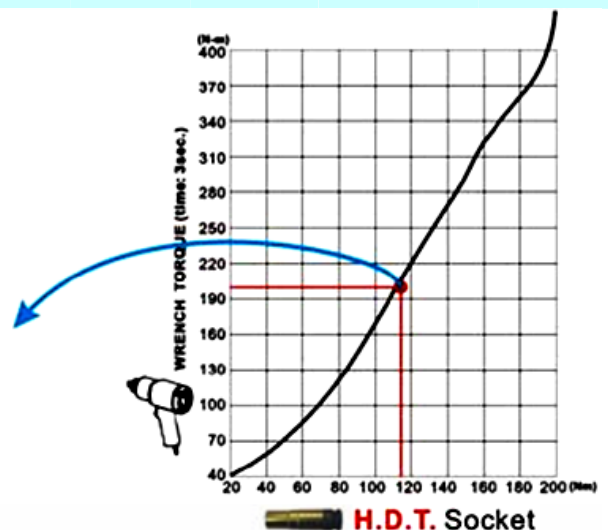
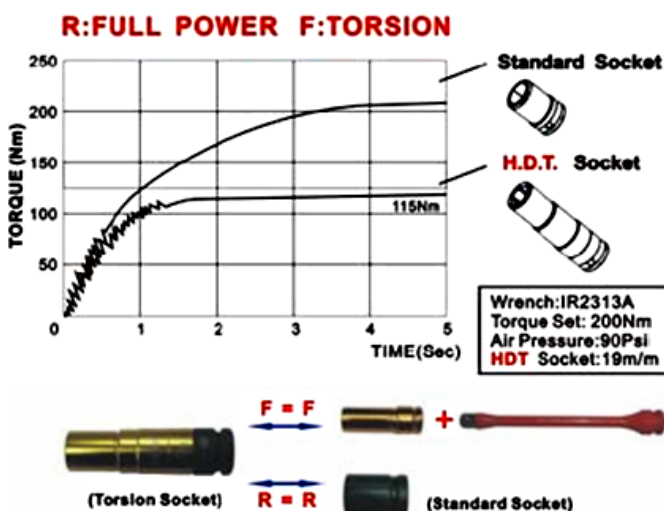
- Size: 17, 19, 21mm
- Length: 150mm

HYDRAULIC TORSION DUAL TORQUE IMPACT SOCKET

How to use H.D.T socket

- Do not use hand tools.
- Use with a 1/2" Dr. pneumatic or power impact wrench
- Set up the working air pressure at 90psi (6.2 bar, 6.3kg/cm, 62pa), and ensure the power deliver of the impact wrench between 190~210Nm. (140~155ft/lbs). The output of the sockets will be 115Nm ±6%(85ft/lbs ±6%)
- If other torque / torsion required please reference the torque / torsion chart to set up the output of the impact wrench and obtain the require torque/ torsion value.

Ability	Tightening	Loosening	Life	Guaranty	Mechanism	Safety	Range of Tightened	Maintenance of Tightened	Adjustment of Working Torque
H.D.T. Torsion Socket	Excellent	Excellent	Excellent	Excellent	Hydraulic	Excellent	Excellent	Excellent	Excellent
Torsion Bar	Excellent	---	---	---	Spring	Good	Good	---	---





KA-5177 3/8" Dr. Hand Torque Limited Adapter Set

Yellow: 10 Nm
Green: 25 Nm
Blue: 15Nm
Red: 35Nm



KA-4168 1/2" Dr. 5pcs Thin Wall Deep Impact Socket Set

Size: 17-19-21-22-27mm