



## S3472TS

### 72MM X 3/4"DR SCANIA TOOTHED SOCKET

- This is special socket removes.
- European truck repair tool.
- Size : 72mm



## S3480WS

### 3/4"DR FRONT WHEEL NUT SOCKET (8 POINT)

- This eight sided 80mm socket is specifically for front wheel nut sockets on SCANIA trucks.
- SCANIA front wheel nut socket.
- **Specifications:**
  - Inner  $\varnothing$  : 80mm
  - Outer  $\varnothing$  : 100mm



## S4180WS

### H41 FRONT WHEEL NUT SOCKET (8 POINT)

- This eight sided 80mm socket is specifically for front wheel nut sockets on SCANIA trucks.
- SCANIA front wheel nut socket.
- **Specifications:**
  - Inner  $\varnothing$  : 80mm
  - Outer  $\varnothing$  : 100mm



## S346364TS

### TRUCK TRANSMISSION SOCKET (SCANIA)

- This Special socket removes.
- European truck repair tool.
- **Specifications:**
  - Inner  $\varnothing$  : 63/64mm
  - Outer  $\varnothing$  : 70mm



## S12CR

### 1/2"DR CAMSHAFT ROTATOR

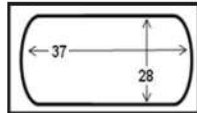
- Allows the engine crank to be manually adjusted.
- Allows pin point accuracy calibration.
- Ideal for adjustments to the engine.
- Application range: Scania after 1996 4th



## S1238VSC

### SCANIA ELECTROMAGNETIC INJECTION

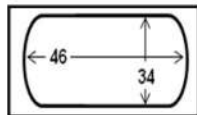
- This tool is designed to tighten and to loosen the electromagnetic injection valve cap.
- Applicable : Scania (340) Trailers.
- Size : 38mm Octagon (8point) Drive 1/2"DR



## S012837WS

### SCANIA FRONT WHEEL COMPRESSOR SPACER SOCKET

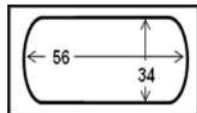
- To apply for SCANIA front wheel compressor spacer remove / install screws.
- Size : 1"Dr x 28mm x 37mm



## S013446WS

### SCANIA COMPRESSOR BACK WHEEL SOCKET

- To apply for SCANIA front wheel compressor spacer remove / install screws.
- Size : 1"Dr x 34mm x 46mm



## S013456WS

### SCANIA COMPRESSOR BACK WHEEL SOCKET

- To apply for SCANIA front wheel compressor spacer remove / install screws.
- Size: 1"Dr x 34mm x 56mm meter.



## S2020Si

### SCANIA TRANSMISSION REAR OIL SEAL INSTALLER

- Designed to install the transmission oil seal easily and without causing damage.
- Applicable : SCANIA transmission flange shafts on transmission and rear axle Part no. 1 502 384 / 1 502 385.

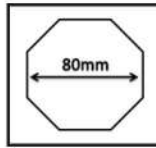


## S2030Si

### SCANIA CRANKSHAFT REAR OIL SEAL INSTALLER

- Designed to install new oil seal onto crankshaft much easier and safer.
- Put the tool above the oil seal and hit it to force oil seal install in the right place.
- Applicable : SCANIA 310/320
- Oil seal no. : 0366303-R

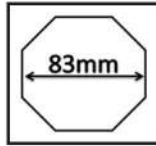
\*Picture shown are for reference only



### S0180WS

#### SCANIA FRONT WHEEL NUT SOCKET (80MM)

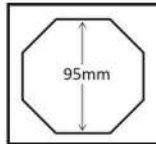
- To Remove the front axles plastic cover with 27mm hexagon socket.
- Size : 1"DR. x 80mm (8Pt)
- Applicable : Scania



### S0183WS

#### SCANIA ROR TRAILER REAR WHEEL NUT SOCKET (8P / 83MM)

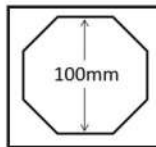
- Remove the rear wheel nut of ROR trailer to change the bearing.
- The robust socket is manufactured from a piece of material.
- It can be used with torque wrench for installing and removing.
- Application : ROR TM Series Trailer rear wheel nut.
- Size : 1"DR x 83mm (8 Point)



### S0195WS

#### SCANIA TRUCK TRACTOR FRONT WHEEL SOCKET (95MM)

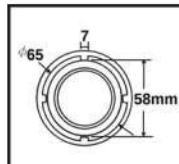
- Applicable : To apply for stripping of SCANIA front wheel truck tractor.
- Size : 1"Dr x 95mm (8Point)



### S01100WS

#### SCANIA REAR WHEEL NUT SOCKET (100MM)

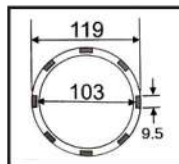
- Special design to fix bearing while removing or installing the truck out.
- Size : 1"Dr x 100mm (8point)



### S3458TS

#### SCANIA 8-SPEED BUS TRANSMISSION NUT SOCKET

- To apply for SCANIA 8 speed transmission nut.
- Size : 3/4"DR x 58mm (4Pt)
- Applicable : SCANIA Bus



### S34103WS

#### SCANIA WHEEL NUT SOCKET (8T/103MM)

- Made from special steel and robust execution to remove the axle nut.
- Positive drive of the axle nut.
- Any extensive slipping is avoided.
- Overall length : 100mm.
- Size : 3/4"DR x 103mm (8T)
- Applicable : Scania 420.



## V6030AS

### VOLVO REAR WHEEL SHOCK ABSORBER SPRING WASHER REMOVAL SOCKET (3/4"DR)

- Suitable for exact torque.
- Socket profile flat oval
- Extremely versatile.
- For Machinery usage.

#### Application :

- VOLVO rear axle e.g. FH for removal and installation of leaf spring bolts on the spring.



MM  
28.5

T

MM  
22

L

MM  
60



MM  
3/4"



## V6029AS

### VOLVO FRONT WHEEL SHOCK ABSORBER SPRING WASHER REMOVAL SOCKET (H27)

- With 6 point drive SW27
- Suitable for exact torque.
- With 2 external studs ø 8.7mm
- Extremely versatile.
- For machinery usage.
- Special steel

#### Application :

VOLVO e.g. FL6/F10/F12



MM  
H27

STUD  
2

L

MM  
31.5



## V6031NE

### VOLVO HGV SPRING BASE NUT EXTRACTOR / INSTALLER

- For the removal and installation of HGV cab shock absorbers.
- For counter holding the piston rod and simultaneous turning of the screw cap.
- Applicable : VOLVO HGV cab shock absorbers.



## V6029IC

### VOLVO TRUCK FRONT / REAR BRAKE SHOES LINING INSIDE CALIPER

- For the restoration of the drum brake.
- For opening and fixing the brake shoes retaining spring.
- For the dismantling and assembly of the jaw pins.
- With drive spindle for continuous opening.
- Robust execution.

#### Application :

- VOLVO drum brake with Z cam (e.g. N7-N10-N12-F7-F12-F16-FL7-FL10-ERF E series-EC series.)

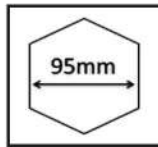


## V6002ECA

### VOLVO ENGINE CRANSHAFT ALIGNMENT TOOL

- Designed to adjust the engine for correct position.
- Use with 1/2" drive wrench.
- Applicable : Alternatively for 6 of 12 liter Volvo Engines : D9A, D12, D16C.
- VM number : Volvo 9996956

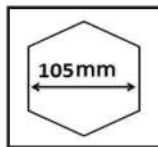
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## IBS0195

### 95MM X 1"DR VOLVO TRUCK AXLE NUT SOCKET

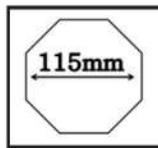
- Special designed to fix bearing while removing or installing the truck nut.
- Use the air wrench or rod to control the nut to tighten or loosen bearing.
- Applicable : Volvo FH Rear Axle.
- Size : 95mm x 1"DR (6 Point)



## IBS01105

### 105MM X 1"DR VOLVO TRUCK AXLE NUT SOCKET

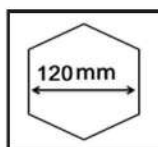
- Special designed to fix bearing while removing or installing the truck nut.
- Use the air wrench or rod to control the nut to tighten or loosen bearing.
- Size : 105mm x 1"DR (6Point)



## IBS01115

### 115MM X 1"DR VOLVO WHEEL SHAFT COVER SOCKET (8PT)

- For Volvo front / rear wheel axle cover.
- Size : 115mm x 1"DR (8 Point)



## IBS0106120

### 120MM X 1"DR IMPACT BOX SOCKET

- Use the air wrench or rod to control the nut to tighten or loosen bearing.
- Size : 120mm x 1"DR (6Point)



## OFW10715

### 107MM VOLVO TRUCK OIL FILTER WRENCH (15PT)

- Designed for removing and installing the oil filter on VOLVO truck.
- Size : 1/2"DR x 107mm (15 Point)



## I1601

### ISUZU CRANKSHAFT REAR OIL SEAL INSTALLER (3.5TON)

- This tool is specially designed for preventing the oil seal from damage when installing it.
- Oil seal genuine no. : BZ4962-E, 3-97071561
- Applicable : Isuzu 3.5 tons(4JB1, 4JG2)(130HP/150HP)(4JH1) (4JG1)



## I1602

### ISUZU CRANKSHAFT FRONT OIL SEAL INSTALLER (3.5TON)

- This tool is specially designed for preventing the oil seal from damage when installing it.
- Oil seal genuine no. : BZ 4961E
- Applicable : ISUZU 3.5 tons



## I1603

### ISUZU CRANKSHAFT OIL SEAL REPLACER

- The best tool for replacing crankshaft oil seal.
- No damage to oil seal and related parts.
- Applicable : ISUZU truck, Engine Model :4HF1, 4HG1, 6HH1, 6HK1.
- Oil seal genuine no. : Front oil seal BZ4365E Rear oil seal BZ4219E



## DS8818

### DIESEL INJECTOR TEST & CALIBRATING

- Material : Aluminum Alloy
- 3.5 inch dial gauge reading 0-600 bar also reading 0-8700 lbs/sq. incg.
- The liquid tank is provided with a filter.
- Supplied with M14 x M14 and M14 x M12 pipes.



## TRK5202

### WHEEL STUB THREAD RESTORER KIT (TRUCK)

- The same function as TRK5201.
- Use with 32mm socket or wrench.
- **Applicable :**
  - \* M18x1.5 - DAF, IVECO, MAN, RENAULT, VOLVO
  - \* M20x1.5 - MERCEDES, SCANIA.
  - \* M22x1.5 - DAF, FORD, MAN, RENAULT, VOLVO, MERCEDES, SCANIA
  - \* 7/8" 11 - SCANIA.



## H107SW

### HINO OIL MIST SEPARATOR WRENCH (107MM)

- HINO oil mist separator wrench (8RIBS. 107mm)
- Using the oil-water separator wrench.
- Looped handle.
- Japanese truck repair tool.
- Application range : HINO truck year 2003-2006 or after year 2010.
- Genuine No: 103251, S23401-11840-A

#### Specifications :

Inner ø(mm)	Outer ø(mm)	H (mm)	The Thickness
107	116	172	16



## H1037

### HINO CRANKSHAFT REAR OIL SEAL INSTALLER (J08C)

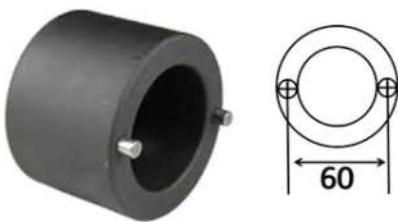
- This tool is designed for prevent oil seal from damaged when installing it.
- Applicable : HINO 15 tons / 17 tons
- Oil seal genuine no. AZ4079-F



## H1038

### HINO CRANKSHAFT FRONT OIL SEAL INSTALLER

- This tool is designed for preventing the HINO crankshaft front oil seal from damage when installing it.
- Applicable : HINO truck and 35 ton, PROFIA K13C-TE 350P, 700 series E13C 420P
- Oil seal genuine no. : AH3618-M, BZ5376E



## H1202OSS

### HINO STEERING OIL SEAL SOCKET

- Special 2 pins designed to loosen and tighten the nut when replacing steering mechanism oil seal without damage.
- Size : 1/2"DR x PCD 60mm x Ø 1/4" (2pt).
- Applicable : HINO Truck after 1994, 21 ~35 tons truck.



## DS8808

### DIESEL INJECTOR SEAT CUTTER SET

- Re-face the diesel injector seat in order for the new or reconditioned injector to be fitted correctly.
- Clean and re-cutting of injector seat.
- Avoid a high risk of 'blow-by' occurring cause of the build up of carbon deposits and the effects of corrosion
- Application for all modern common rail diesel engines.



\*Picture shown are for reference only



## M3453TS

### MAN TRUCK TRANSMISSION SOCKET (53.5MM)

- This Special four pin socket is used on transmission shaft on MAN truck to remove and replace the drive shaft nut inside Diam : 53.5mm  
Outside Diam:72mm width of teeth : 5mm drive :3/4"
- Applicable : MAN 410/414



## M3404OSS

### MAN TRUCK STEERING MACHANSIM OIL SEAL SOCKET

- To replace steering mechanism oil seal by loosen / tighten the nut.
- It might damage the related parts while replacing the oil seal without this tool.
- Size : PCD 58mm x 3/4"DR x 4Point
- Application range : Man tractor FE410A



## M121350FW

### MAN TRUCK OIL FILTER WRENCH (135MM/18PT)

- Dersigned for removing the installing the oil filter on MAN truck.
- Size : 1/2"DR x 135mm x 18Pt
- Applicable : MAN 18~48 tons truck. Series F2000, FE And TGA engine (406, 410, 414, 440, 460)



## M5266

### MAN FLYWHEEL ROTATING TOOL

- Designed for accurate rotating of the engine for valve setting of other maintenance and service work.
- Use with 1/2"drive wrench.
- Overall length : 61mm
- Applicable : Man engine D20, D25, D26, D28...



## BJS1930

### TRUCK BALL JOINT SEPARATOR (30MM)

- Special designed to remove the truck ball joint.
- Jaws Open : 30mm
- Jaws Deep : 60mm
- Applicable : All light trucks Mitsubishi, Delica, Canter, etc....



## BJS1932

### TRUCK BALL JOINT SEPARATOR (32MM)

- Special designed to remove the truck ball joint.
- Jaw Open : 32mm
- Jaw Deep : 91mm
- Applicable : 3.5T~8.8T Trucks.



## BJS1939

### TRUCK BALL JOINT SEPARATOR (39MM)

- Special design to remove the truck ball joint.
- Jaws Open : 39mm
- Jaws Deep : 95mm
- Applicable : 4ton trucks SCANIA, BENZ, MAN ,HINO, etc..

\*Picture shown are for reference only





### T6165 NOZZLE PRESSURE NUT SOCKET

- For removal and replacement of the pressure nut and injector holder.
- Applicable : BENZ Truck, Man Truck, Neoplan, Setra, Iveco, Scania Renault et...



### ISDS3428 E28 X 3/4" DR IMPACT START DEEP SOCKET

- To remove / install the bolt of crankshaft main bearing cap.
- Applicable : Scania Ti Engine.
- Size : E28 x L110mm x 3/4" Drive



### RT1015 TRUCK RADIATOR PRESSURE TESTER

- Special designed for testing the radiator on the truck.
- Test cooling system for leaks.
- Includes hand pump, test head in a blowmold case.
- Please ensure that the radiator coolant is not before operating.
- Applicable : DEUTZ ENGINE , MERC BENZ, VOLVO, MAN, RENAULT, DAF, IVECO, SCANIA.



### KWT270A TRANSMISSION BEARING PULLER

- Collars fit most standard wheel bearing sizes.
- The three largest sizes fit most late-model 4 wheel drive vehicle.



### VSC6991 VALVE SPRING COMPRESSOR

- Made of steel for heavy duty operation.
- Changeable jaws ( Straight, and bend), can be fixed stronger on the track.
- Applicable : 12V engine, Diesel engine, and outstanding spring type engine.



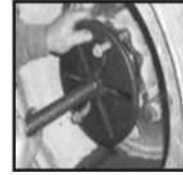
### VSC6990 VALVE SPRING COMPRESSOR

- Use to compress valve springs up to 10" long.
- Two way adjustable.
- Quick and easy compress and release.



### UAE6006 UNIVERSAL AXLE EXTRACTOR


- Applicable : japanese truck only  
EX : HINO, UD Truck 180 Pulley.
- Screw Specification :  $\phi 30 \times 6W$
- Specification :  $\phi 259 \times 32mm$



### INS6033 TRUCK INJECTION NOZZLE SOCKET



- The tool removes and installs diesel injected nozzle.
- The bottom four corners.
- Barreled shape.
- Europe truck repair tool.
- Application Range : Man (422.403), Benz Truck, Scania.

Inner $\phi$ (mm)	Outer $\phi$ (mm)	H (mm)	Teeth	 (mm)
22.2	32	84.5	4	24



### VSC6035 TRUCK VALVE REMOVER / INSTALLER



- To remove and install the valve of truck.
- Japan truck repair tool.
- Application range : FUSO 3.5 Tons, FUSO over 15tons, HIN 750, ISUZU 180, ISUZU 200
- Special steel
- **Screw Size :-**
  - M16XP2.0\*M14Xp1.5\*240mm (L)
  - M16XP2.0\*M12Xp1.75\*240mm (L)
  - M16XP2.0\*M10Xp1.5\*240mm (L)
  - M16Xp2.0\*M10Xp1.25\*240mm (L)
  - M16Xp2.0\*M8Xp1.25\*240mm (L)

### BP6181 SPRING PIN BUSH HYDRAULIC REMOVER / INSTALLER SET



- 10Ton Hydraulic truck spring pin metal remover installer TOYOTA/ FUSO/ ISUZU/ SCANIA/ VOLVO.
- The 10ton Hydraulic Cylinder easily pushes the metal Spring bushes from the spring eyes for removal and replacement.
- Applicable : 4, 6 to 14 Isuzu, Fuso, Hino, Toyoyta medium size commercial vehicle spring bushes.



### CP102 PNEUMATIC BRAKE LINING RIVET MACHINE



- Suitable for 4,6,8mm rivet.
- For brake lining riveting and replacing.
- Suggestion riveting pressure: 4mm(700psi), 6mm(150psi), 8mm(2200psi).
- Air pump 8P101A is optional.



\*Picture shown are for reference only



## P311

### PUNCH FOR AIR HAMMER 311

- Made of chrome-Molybdenum material.
- Length : 160mm x Ø12mm



## P315

### PUNCH FOR AIR HAMMER 315

- Made of chrome-Molybdenum material.
- Length : 127mm x Ø15mm



## SS3811

### 3/8"DR SPECIAL 11-TEETH SOCKET FOR TRUCK

- Used on Knorr-Bermse calipers - type SB, SK, SN - typically found on DAF/ FODEN / MAN / MERCEDES / SCANIA / BOVA, PLUS Bpw & SAF Trailers.
- 11 Point x 3/8"DR x 30mm Length.
- Brake caliper socket ( Replaces Brake caliper shear/ Break-Away Adaptor on the original caliper).
- Manufactured from chrome vanadium, Manganese phosphate finish.



## T05CAS

### CALIPER ADJUSTER SOCKET

- Special 5 teeth designed to adjust the brake caliper.
- Overall length : 46mm.
- Use with 36mm wrench.
- Material : SCM440
- Applicable : most of European trucks, Scania, Volvo ... etc.



## LNT45150

### GERMANY TYPE ADJUSTABLE REAR AXLE NUT TOOLS

- Adjustable jaws with locking feature to suit both hexagon & octagon wheel bearing lock nuts.
- Special tooth surface angle to clamp hexagon and octagon nut.
- Top : 3/4"DR. , capacity : 45~150mm
- Length of jaw : 100mm.



## LNT49135

### UNIVERSAL ADJUSTABLE WHEEL BEARING LOCK NUT KIT

- Adjustable jaws with locking feature to suit both hexagon & octagon wheel bearing lock nuts.
- Includes three sets round & three sets square of pins to suit lock nuts with pin holes.
- Suitable for 6Pt lock nut 1-3/4" to 5-1/4" (49-135mm) across the flats and 8Pt lock nut 1-3/4" to 5-5/8" (49-143mm) across the flats.
- 3set round pin 1/4"(6mm) ,5/16"(8mm), 3/8"(10mm), 3set square pin 1/4"(6mm), 5/16"(8mm), 3/8"(10mm)



### OERW1217 OPEN END RING WRENCH

- 17mm x 1/2" Dr (12pt)



### OFW1374 60-160MM OIL FILTER WRENCH (CHAIN TYPE)

- Available for all type of oil filter.
- Double-hinge construction for high clamping power.
- Flexible handle for narrow space.
- Size: 60-160mm
- Length of chain : 520mm



### TST1315 TIRE SEPARATION TOOL (TRUCK)

- Special angle design to disassemble tubeless tire and rim.
- Total Length : 180mm



### OFW3146 110-145MM TWO WAY OIL FILTER WRENCH

- This tool is removable and reinstall.
- The serate design makes forged in place.
- Use with 1/2"DR or 21mm wrench.
- Range : 110 - 145mm

### OFW3148 105-145MM TWO WAY OIL FILTER WRENCH

- This tool is removable and reinstall.
- The serate design makes forged in place.
- Use with 1/2"DR or 21mm wrench.
- Range : 120 - 150mm (H62mm)

### ABJ2550 50/20TON AIR BUS JACK

Capacity	: 50/25T
Air Pressure	: 0.8 - 1.2 MPA
Minimum Height	: 210mm
Lift	: 460mm
Rated Pressure	:
Net Weight	: 60kg

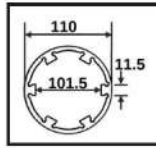
### HEAVY DUTY OIL FILTER WRENCH FOR TRUCK

- Wider band for a better grip of filters.
- Stronger anchor plate for removal of excessively tight filters.
- Designed for high torque requirements.
- Not designed to be used with power tools.



Item Code	Range
OFW105125	105-125mm
OFW120140	120-140mm

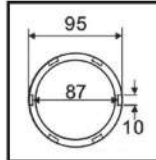
\*Picture shown are for reference only



### BM1015ANS

#### BENZ & MAN DRIVE AXLE NUT SOCKET (101.5MM)

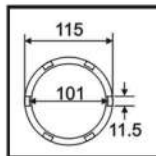
- Special designed with 6 teeth for removing the drive axle nut.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 101.5mm (6Pt)
- Applicable : Man , Mercedes Benz truck.



### BM3487ANS

#### BENZ & MAN REAR AXLE NUT SOCKET WITH TUBE (87MM)

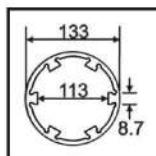
- Special rigid locating tube design for removing the rear axle nut easily.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 87mm (6pt)
- Overall length : 175mm
- Applicable : Mercedes Benz Atego rear axle.



### BM34101ANS

#### BENZ & MAN REAR AXLE NUT SOCKET (101MM)

- Designed groove socket to remove the rear axle nut.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 101mm (6pt)
- Overall length : 110mm
- Applicable : Mercedes Benz And Man 10 + 13T Reducation axle, HYPOID and TRAILER axle NR7/4.



### BM113DNS

#### BENZ & MAN DIFFERENTIAL REAR NUT SOCKET (113MM)

- Special 6 teeth designed to remove the differential rear nut.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 113mm (6pt)
- Applicable : Man ,Mercedes Benz Truck.

### BENZ & MAN CLAMP NUT SOCKET

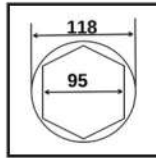
- For professional loosening and tightening the clamp nut on the axle stub.
- Suitable for exact torque with a 3/4" DR.



Item Code	Spec.	Height	Applicable
BM56CNS	72 x 56mm	53mm	DAF, Kassbohrer / Setra, Benz & Man trucks (VL3,4,VD4,VL4) Benz buses (VO3,4)
BM60CNS	76 x 60mm	53mm	DAF, Kassbohrer / Setra, Benz & Man trucks 9tons (VL5, D-9) Benz Actros, Faust 9tons.



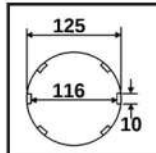
\*Picture shown are for reference only



### B3695ANS

#### BENZ AXLE NUT SOCKET (95MM)

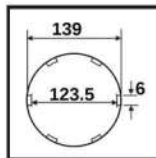
- Made from special steel and robust execution to remove the axle nut.
- Any extensive slipping is avoided.
- Size : Drive SW36 x 95mm (6pt)
- Overall length : 157mm.
- Applicable : Mercedes Benz axle trailers.



### B116ANS

#### BENZ REAR AXLE NUT SOCKET (116MM)

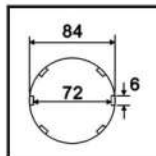
- Special designed for dismantling and assembling the rear axle nut.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 116mm (6pt)
- Overall length : 180mm.
- Applicable : Mercedes Benz Actros Rear axle, HL/HK8 (hypoid) etc.



### B1235ANS

#### BENZ REAR AXLE NUT SOCKET (123.5MM)

- Use with 32mm wrench.
- Special designed for dismantling and assembling the rear axle nuts.
- Made from special steel for high tightening and loosening torque.
- Size : 123.5mm (6pt).
- Overall length : 310mm.
- Applicable : Mercedes Benz Citaro.



### B72DNS

#### BENZ DIFFERENTIAL NUT SOCKET (72MM)

- Use with 32mm wrench.
- Special designed for removing and installing the differential nuts.
- Made from special steel for high tightening and loosening torque.
- Size : 72mm (6pt)
- Overall length : 60mm.
- Applicable : Mercedes Benz Citaro, Evo bus.



### BM1202CA

#### BENZ MAN CRANSHAFT ALIGNMENT TOOL (2 GEARS)

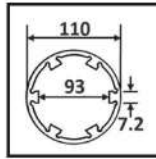
- Designed to adjust the engine for correct position.
- Use with 1/2" drive wrench.
- Overall length : 90mm
- Applicable : Mercedes Benz 6,8,10-cylinder engines, Man 12- cylinder engines ... etc.



### BM1203CA

#### BENZ MAN CRANSHAFT ALIGNMENT TOOL (3 GEARS)

- Designed to adjust the engine for correct position.
- Use with 1/2" drive wrench.
- Overall length : 90mm
- Applicable : Mercedes Benz Actors and atego, Man 5,6,8- cylinder engines - D25/28... etc.



## M93ANS

### MAN TGA FRONT AXLE NUT SOCKET (93MM)

- Six side drive SW60.
- Special roust execution designed to remove the front axle nut.
- Made from special steel for high tightening and loosening torque.
- Size : 3/4"DR x 93mm (6pt)
- Overall length : 80mm
- Applicable : MAN TGA front axle, V9-82L-01(disk brake/ ABS), etc.



## M108BE

### MAN TRUCK AXLE BEARING EXTRACTOR

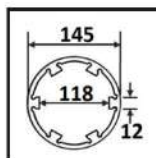
- Designed for replacing Man Truck hub bearings and removing the old bearings essential tool.
- Use with 30mm wrench.
- Overall length : 238mm
- Applicable : MAN truck hub bearing.



## M111BE

### MAN TRACTOR AXLE BEARING EXTRACTOR

- Designed for replacing MAN tractor hub bearings and removing the old bearings essential tool.
- Use with 30mm wrench.
- Overall length : 238mm
- Applicable : MAN truck tractor 33460/410/414 with front disc brake bearing.



## M118ANS

### MAN TGA FRONT AXLE NUT SOCKET (118MM)

- Six side drive SW60.
- Special designed for removing and installing the drive axle nuts.
- Made from special steel for high tightening and loosening torque.
- Overall length : 160mm.
- Size : 3/4"DR x 118mm (6Pt)
- Applicable : Man TGA A460 drive axle, V9-83L-01 (disk brake / ABS)etc.



## M166HR

### MAN FRONT WHEEL HUB REMOVER (166MM)

- Use the tool with air wrench for labor saver and easier removal when MAN axle bearing is stuck due to overheating.
- Extremely robust execution.
- Disc size : 87 x 166 x 118mm.
- Applicable : Man new type truck.



## T120827SS

### TRUCK POSITION SENSOR SOCKET

- Designed for removing and replacing truck position sensor.
- Size : 1/2"DR x 27mm (8pt)
- Overall length : 60mm
- Applicable : Mercedes Benz commercial vehicles SK series, ACTROS, MAN commercial vehicles, SCANIA, ZF16 Speed gear box.