

## Deep Sockets "Pro Torque®" 1/4"

- chrome vanadium steel Pro Torque® finish
- satin chrome plated
- knurled

#### PRO+

Item #	Description
10504	Deep Socket "Pro Torque®" 1/4", 4 mm
10505	Deep Socket "Pro Torque®" 1/4", 5 mm
10503	Deep Socket "Pro Torque®" 1/4", 5.5 mm
10506	Deep Socket "Pro Torque®" 1/4", 6 mm
10507	Deep Socket "Pro Torque®" 1/4", 7 mm
10508	Deep Socket "Pro Torque®" 1/4", 8 mm
10509	Deep Socket "Pro Torque®" 1/4", 9 mm
10510	Deep Socket "Pro Torque®" 1/4", 10 mm
10511	Deep Socket "Pro Torque®" 1/4", 11 mm
10512	Deep Socket "Pro Torque®" 1/4", 12 mm
10513	Deep Socket "Pro Torque®" 1/4", 13 mm



# Deep Sockets "Pro Torque®" 3/8"

- chrome vanadium steel
- Pro Torque® finish
- satin chrome plated
- knurled

#### PRO+

10531         Deep Socket "Pro Torque®" 3/8", 11 mm           10532         Deep Socket "Pro Torque®" 3/8", 12 mm           10533         Deep Socket "Pro Torque®" 3/8", 13 mm           10534         Deep Socket "Pro Torque®" 3/8", 14 mm           10535         Deep Socket "Pro Torque®" 3/8", 15 mm           10536         Deep Socket "Pro Torque®" 3/8", 16 mm           10537         Deep Socket "Pro Torque®" 3/8", 17 mm	Item #	Description
10531         Deep Socket "Pro Torque®" 3/8", 11 mm           10532         Deep Socket "Pro Torque®" 3/8", 12 mm           10533         Deep Socket "Pro Torque®" 3/8", 13 mm           10534         Deep Socket "Pro Torque®" 3/8", 14 mm           10535         Deep Socket "Pro Torque®" 3/8", 15 mm           10536         Deep Socket "Pro Torque®" 3/8", 16 mm           10537         Deep Socket "Pro Torque®" 3/8", 17 mm	10528	Deep Socket "Pro Torque®" 3/8", 8 mm
10532         Deep Socket "Pro Torque®" 3/8", 12 mm           10533         Deep Socket "Pro Torque®" 3/8", 13 mm           10534         Deep Socket "Pro Torque®" 3/8", 14 mm           10535         Deep Socket "Pro Torque®" 3/8", 15 mm           10536         Deep Socket "Pro Torque®" 3/8", 16 mm           10537         Deep Socket "Pro Torque®" 3/8", 17 mm	10530	Deep Socket "Pro Torque®" 3/8", 10 mm
10533         Deep Socket "Pro Torque®" 3/8", 13 mm           10534         Deep Socket "Pro Torque®" 3/8", 14 mm           10535         Deep Socket "Pro Torque®" 3/8", 15 mm           10536         Deep Socket "Pro Torque®" 3/8", 16 mm           10537         Deep Socket "Pro Torque®" 3/8", 17 mm	10531	Deep Socket "Pro Torque®" 3/8", 11 mm
10534         Deep Socket "Pro Torque®" 3/8", 14 mm           10535         Deep Socket "Pro Torque®" 3/8", 15 mm           10536         Deep Socket "Pro Torque®" 3/8", 16 mm           10537         Deep Socket "Pro Torque®" 3/8", 17 mm	10532	Deep Socket "Pro Torque®" 3/8", 12 mm
10535         Deep Socket "Pro Torque®" 3/8", 15 mm           10536         Deep Socket "Pro Torque®" 3/8", 16 mm           10537         Deep Socket "Pro Torque®" 3/8", 17 mm	10533	Deep Socket "Pro Torque®" 3/8", 13 mm
10536         Deep Socket "Pro Torque®" 3/8", 16 mm           10537         Deep Socket "Pro Torque®" 3/8", 17 mm	10534	Deep Socket "Pro Torque®" 3/8", 14 mm
10537 Deep Socket "Pro Torque®" 3/8", 17 mm	10535	Deep Socket "Pro Torque®" 3/8", 15 mm
	10536	Deep Socket "Pro Torque®" 3/8", 16 mm
10538 Deep Socket "Pro Torque®" 3/8", 18 mm	10537	Deep Socket "Pro Torque®" 3/8", 17 mm
	10538	Deep Socket "Pro Torque®" 3/8", 18 mm
10539 Deep Socket "Pro Torque®" 3/8", 19 mm	10539	Deep Socket "Pro Torque®" 3/8", 19 mm



# Deep Sockets "Pro Torque®" 1/2"

- chrome vanadium steel
- Pro Torque® finish
- satin chrome plated
- knurled



Item #	Description
10550	Deep Socket "Pro Torque®" 1/2", 10 mm
10553	Deep Socket "Pro Torque®" 1/2", 13 mm
10555	Deep Socket "Pro Torque®" 1/2", 15 mm
10556	Deep Socket "Pro Torque®" 1/2", 16 mm
10557	Deep Socket "Pro Torque®" 1/2", 17 mm
10558	Deep Socket "Pro Torque®" 1/2", 18 mm
10559	Deep Socket "Pro Torque®" 1/2", 19 mm
10562	Deep Socket "Pro Torque®" 1/2", 22 mm
10564	Deep Socket "Pro Torque®" 1/2", 24 mm





## 3/4" Impact Sockets

- chrome molybdenum steelblack phosphate finishwith groove and hole for retaining ball



Item #	Description
5617	3/4" Impact Socket, 17 mm
5619	3/4" Impact Socket, 19 mm
5622	3/4" Impact Socket, 22 mm
5624	3/4" Impact Socket, 24 mm
5626	3/4" Impact Socket, 26 mm
5627	3/4" Impact Socket, 27 mm
5630	3/4" Impact Socket, 30 mm
5632	3/4" Impact Socket, 32 mm
5633	3/4" Impact Socket, 33 mm
5634	3/4" Impact Socket, 34 mm
5636	3/4" Impact Socket, 36 mm
5638	3/4" Impact Socket, 38 mm
5641	3/4" Impact Socket, 41 mm
5646	3/4" Impact Socket, 46 mm
5650	3/4" Impact Socket, 50 mm
5655	3/4" Impact Socket, 55 mm
5660	3/4" Impact Socket, 60 mm



# 3/4" Deep Impact Sockets, length 90 mm

- chrome molybdenum steel
- black phosphate finish
  with groove and hole for retaining ball
  length: 90 mm



Item #	Description
5717	3/4" Deep Impact Socket, 17 mm
5719	3/4" Deep Impact Socket, 19 mm
5721	3/4" Deep Impact Socket, 21 mm
5722	3/4" Deep Impact Socket, 22 mm
5724	3/4" Deep Impact Socket, 24 mm
5726	3/4" Deep Impact Socket, 26 mm
5727	3/4" Deep Impact Socket, 27 mm
5730	3/4" Deep Impact Socket, 30 mm
5732	3/4" Deep Impact Socket, 32 mm
5733	3/4" Deep Impact Socket, 33 mm
5734	3/4" Deep Impact Socket, 34 mm
5736	3/4" Deep Impact Socket, 36 mm
5738	3/4" Deep Impact Socket, 38 mm
5741	3/4" Deep Impact Socket, 41 mm
5746	3/4" Deep Impact Socket, 46 mm
5750	3/4" Deep Impact Socket, 50mm





## 1" Impact Sockets

- chrome molybdenum steel
- black phosphate finishwith hole and groove for retaining ball



Item #	Description
5827	1" Impact Socket, 27 mm
5830	1" Impact Socket, 30 mm
5832	1" Impact Socket, 32 mm
5836	1" Impact Socket, 36 mm
5838	1" Impact Socket, 38 mm
5841	1" Impact Socket, 41 mm
5846	1" Impact Socket, 46 mm
5855	1" Impact Socket, 55 mm
5850	1" Impact Socket, 50 mm
5860	1" Impact Socket, 60 mm
5865	1" Impact Socket, 65 mm
5870	1" Impact Socket, 70 mm
5875	1" Impact Socket, 75 mm
5880	1" Impact Socket, 80 mm
5885	1" Impact Socket, 85 mm
5895	1" Impact Socket, 95 mm
5905	1" Impact Socket, 105 mm



## 3/8" Special Socket, 18 mm







## 3/8" Universal Joint Socket for T-STAR Screws, E14

- chrome vanadium steel







# 8-piece Bit Set with Quick Change Bit Holder

- chrom vanadium S2 steel
- quick change bit holder
- strong magnetic ring for holding screw
- no problems with attaching screws
- includes:
- cross bits in PZ1, PZ2 and PZ3
- T-Star bits in T15, T20, T25 and T30











#### Repair Kit for Ratchet Art. 2510x

- this repair set includes all wear parts for the ratchets
- includes:

2x screws, shift lever, gear ring with 4-pt drive, 2x locking gear segments, 2x springs, spring washer and locking plate



Item #	Description
25101-REPAIR	Repair Kit for 1/4" Ratchet Art. 25101
25102-REPAIR	Repair Kit for 1/2" Ratchet Art. 25102



#### **Impact Wrench Adaptor**

- chrome molybdenum steel
- black phosphate finishwith groove and hole for retaining ring





Item #	Description
171	Impact Wrench Adaptor, 3/8" int 1/4" ext.
172	Impact Wrench Adaptor, 1/4" int 3/8" ext.
173	Impact Wrench Adaptor, 1/2" int 3/8" ext.
174	Impact Wrench Adaptor, 3/4" int 1/2" ext.



#### T-Handle Wrench for T-STAR Screws

- chrome vanadium steel
- black finish bladesshort end in tamperproof finish
- 2-component handle



Item #	Description
7880-T10	T-Handle Wrench for T-STAR Screws, T10, Length 145 mm
7880-T15	T-Handle Wrench for T-STAR Screws, T15, Length 145 mm
7880-T20	T-Handle Wrench for T-STAR Screws, T20, Length 145 mm
7880-T25	T-Handle Wrench for T-STAR Screws, T25, Length 210 mm
7880-T27	T-Handle Wrench for T-STAR Screws, T27, Length 215 mm
7880-T30	T-Handle Wrench for T-STAR Screws, T30, Length 215 mm
7880-T40	T-Handle Wrench for T-STAR Screws, T40, Length 220 mm
7880-T45	T-Handle Wrench for T-STAR Screws, T45, Length 275 mm
7880-T50	T-Handle Wrench for T-STAR Screws, T50, Length 280 mm





## **T-Handle Wrench for Internal Hexagon Screws**

- chrome vanadium steel
- black finished
- long end in ball end finish
- 2-component handles



Item #	Description
7882-2	T-Handle Wrench for Hexagon Screws, 2 mm, Length 100 mm
7882-2.5	T-Handle Wrench for Hexagon Screws, 2.5 mm, Length 100 mm
7882-3	T-Handle Wrench for Hexagon Screws, 3 mm, Length 100 mm
7882-4	T-Handle Wrench for Hexagon Screws, 4 mm, Length 150 mm
7882-5	T-Handle Wrench for Hexagon Screws, 5 mm, Length 150 mm
7882-6	T-Handle Wrench for Hexagon Screws, 6 mm, Length 150 mm
7882-7	T-Handle Wrench for Hexagon Screws, 7 mm, Length 150 mm
7882-8	T-Handle Wrench for Hexagon Screws, 8 mm, Length 200 mm
7882-10	T-Handle Wrench for Hexagon Screws, 10 mm, Length 200 mm



# T-Handle Wrench for Hexagon Screws, 230 mm

- chrome vanadium steel
- with extra heavy plastic handles
- with hanging holes
- with outer hex around socket



Item #	Description
7806	T-Handle Wrench for Hexagon Screws, 6x230 mm
7807	T-Handle Wrench for Hexagon Screws, 7x230 mm
7814	T-Handle Wrench for Hexagon Screws, 14x230 mm



# **Cutting Blades, Euro Standard Collet**

- suitable for AEG, Atlas Copco, Bosch, DeWalt, Hitachi, Makita, Metabo, Milwaukee u.a.



Item #	Description
3969	5x Replacement Blades for Wood, Euro Standart Collet
3968	5x Replacement Blades for Metal, Euro Standart Collet





#### 5-piece Screw Extractor Set

- carbon steel
- for all types of cross, T-Star and internal hexagon screws
- 5 different sizes
- for use with an electric drill, max. 250 rpm



Item # 5282



#### 3-piece VDE Pliers Set

- high quality VDE pliersincludes:
- combination pliers 180 mm
- wire stripper 160 mm
- side cutter 160 mm
- high quality storage bag



Item # 7158



## **Heavy Duty Long Arm Riveter**

- suitable for daily workshop usebottle will help keep work environment clean and safe
- 220 mm handles for strong leverage
- incl. nosepieces for 2.4mm (3/32"), 3.2mm (1/8"),
- 4.0mm (5/32") and 4.8mm (3/16")
- suitable for steel rivets







#### Adator Set for Oil Filler Tool BGS 8056

- suitable for: Mercedes 722.9 VW / Audi DSG VW / Audi CVT









#### **Fuel Hose Clip Loosening Pliers**

- for VW-Audi, Fiat, GM, Opel, and others
- for removal and replacement of hose clips connections on in-line fuel filters
- a must-have when changing the fuel filter unit and repairing the engine







## Oil Filter Cup Wrench MB, 84 mm x 14pt, 3/8"

- made from sheet steel
- for Mercedes Vito & Sprinter







#### **Car Windshield Removal Tool**

- suitable for all bounded car windshields
- long angled shaft reduces the risk of damaging the car interior
- ergonomically shaped nylon handle
- wire is clamped by screw







### **Auto-Darking Welding Helmet**

- with solar cells
- carbon look
- viewing area 98 x 40 mm
- filter size 110 x 90 mm
- switching time 1/25.000 sec.
- recovery time 0.4 sec.
- 4 light shade
- shade option 9 13
- operating temperatur -5°up to +55°
- power on/off
- automatic sensitivity control is continously adjustable









#### Ripping Bar / Nail Puller, flat

- with 2 nail slots and flat claws
- length: 380 mm







### Wrecking Bar, extrem stabil

- with claw and splitter
- no lateral adjustment
- oval profile
- extra strong shape: 22x12 mm, 400 mm length







#### **Interior Linking Hook**

- especially useful for stuck linings
- T-handle for easy pulling
- offset head with 9 mm opening
- perfect for hard to reach areas
- universally applicable for all types







# 2 piece Radio Removal Tool Set

- for the most common car stereo brands
- folds to a handy size
- suitable for the following brands: P01 Mercedes, VW, Audi, Becker, Renault, Alpine
- P02 Mercedes, Porsche, Becker
- P03 VW
- P04 Skoda
- P05 Becker
- P07 Clarion (new models)
- P08 Kenwood 2002
- P09 Sony
- P10 Kenwood 98 2001
- P11 Fiat Bravo, Brava
- P14 Panasonic
- 1 hex wrench for BMW
- 1 hook for Fiat, Grundig, Blaupunkt, Ford, PSA, Renault, Alfa, VW, Audi
- 1 hook for Blaupunkt, Peugeot, Clarion











#### **Ball Joint Assembly and Disassembly Tool**

- facilitates assembly and disassembly
- suitable for Mercedes 220 / 211 / 230 series
- heavy duty type
- 185 mm compression spindle with 24 mm hex drive
- 2 compression heads 40 mm and 54 mm
- 3 pressure pads 22 mm, 33 mm and 57 mm

Item # 8293





#### Truck Ball Joint Extractor

- heavy duty type
- includes 3 exchangeable prongs with 25 mm, 32 mm und 47 mm opening
- prongs can be easily exchanged maximum opening 118 mm
- 24 mm ejection spindle with hardened ball tip, 27 mm hex drive
- 2 fixing bolts M10x80 and M10x20







#### **Bushing Tool Kit for VW Polo 9N**

- for easy and safe removal and replacement of silent blocks directly on the vehicle
- no removal necessary, minimizing the workload
- contains spindle, spindle extension, shoulder nut, spindle adaptor M10x1.25 made of S45C carbon steel
- spacer, pressure part, centering mandrel made from aluminium allov







#### **Tooth Belt Tool Set for VAG**

- set for working and locking the tooth belt tensioner rolls
- is needed when changing the tooth belt and during general engine repair jobs
  - for the most common VW, Audi, Seat, Skoda fuel and
- Diesel engines
- no displacing of tooth belt tension when tightening
- 3 tensioner pulley wrenches in different length and offset shapes used as OEM T10020, OEM V159
- 3 locking pins for tooth belt spanners
- 1.6 mm used as OEM T40011
- 2.5 mm used as OEM T03006
- 4 mm used as OEM T10060A









#### Timing Tool Set for Audi + VW V6 / V8 TDI

- for locking of crankshaft and camshaft when working on the engine timing, e.g. changing of the tooth belt, disassembly of the cylinder heads etc.

- suitable for: VW Passat 2.5 V6 TDI AFB, AKN 98- und Audi A4, A6, A8 / 2.5 V6 TDI

AFB, AKN, AKE, AYM, BAU, BCZ, BDG, BDH, BFC 97-06

- the locking pin can be used as OEM 3242, positions the crankshaff in TDC (top dead center) position - locking plates can be used as OEM 3458, are for locking the
- camshaft in assembly position

Item # 8275





#### Grinder for 15 mm Injector Nozzle Seating Area

- for cleaning nozzle seating area and nozzle chamber before changing and replacing the injection nozzle or if nozzle has a leak
- turn manually and apply soft pressure for clean fit of the cylinder head and the nozzle and for cleaning the nozzle chamber
- can also be used with 13 / 17 mm sockets
- 15.5 mm grinding head diameter for nozzle shaft and fitting the nozzle in the cylinder head, length 230 mm
- 20.0 mm grinding head diameter for nozzle cleaning at the nozzle, length of grinding head is 35 mm







# Step Drill for Brake Thread Repair Kit BGS 148

- titanium nitrided







# Screw Tap M9x1.25 for Brake Thread Repair Kit BGS 148

- HSS Steel









#### Telescopic Inspection Mirror, Ø 200 mm

- especially suitable for visual examination under a vehicle to find oil leaks or corrosion
- aluminium telescopic handle adjustable from 660 mm to 1090 mm
- mirror diameter 200 mm
- shatterproof acrylic mirror
- adjustable mirror angle
- ergonomic handle



Item # 3176



#### 340 mm Extended Air Die Grinder

- heavy and robust extended air die grinder for universal use
- for contour grinding, cutting, polishing, shaping, deflashing and keying
  - capacity ¼" (6 mm)
  - shaft size 5" (127 mm)
  - free speed 22000 RPM

- required air pressure 90 PSI
- air inlet 1/4" (6.3 mm)
- average air consumption 4.5CFM (127L/min) overall length 13.4" (340 mm) net weight 2.90 LBS (1300g)





# 170 mm Air Die Grinder Short

- heavy and robust extended air die grinder for universal use
- for contour grinding, cutting, polishing, shaping, deflashing and keying
  - capacity ¼" (6 mm)
  - shaft size 5" (127 mm)
  - free speed 22000 RPM

- required air pressure 90 PSI / 6.3 Bar
- air inlet 1/4" (6.3 mm)
- average air consumption 4,5CFM (127L/min) overall length 170 mm (6.7")
- net weight 600g











#### 155 mm Air Die Grinder 90° Angle

- heavy and robust extended air die grinder for universal use
- for contour grinding, cutting, polishing, shaping, deflashing and keying - capacity ¼" (6 mm) - shaft size 127

- free speed 20000 RPM required air pressure 90 PSI / 6.3 BAR
- air inlet 1/4" (6.3 mm)
- average air consumption 99 L/min (3.5CFM)
- overall length 155 mm (6.1")
- net weight 530g







## Voltage Tester / Multifunction-Probe with Display and 8 Features

- very useful, one hand multi function tester with LCD display
- for testing electric 12-24 volt systems on car, truck and motorcycles
- with bright LED lit work area
- easier troubleshooting by connecting from a positive or negative potential
  - potential is indicated by two different colored LED's,
- very useful for measurements of ignition and injection
- built-in continuity tester with optical signal
- Frequency display shows measurements at up to 8000 Hz
- non-contact measurement of KV ignition test
- 6 meter power supply cable is sufficient for measurements of cars and motorcycles
- 6 meter extension cable for measurements of trucks or trailers
- reverse polarity protected DC power adapter for connection to battery
- reverse polarity protected DC power adapter for connection to board socket (Cigarette lighter)
- special tip for measurements on low-lying contacts
  6 adjustable voltage threshold 0.5 V 1.0 V 2.0 V 5.0 V 10.0 V and 48V, as soon as the measured voltage is higher than the preset threshold, then sounds an acoustic signal will sound.
- the measurement options are selected by push buttons



Item # 40105



#### **Injector Nozzle Tester**

- Tester contains gas canister, hand lever and pressure gauge with rubber protection - for testing of injector nozzles
- suitable for all Diesel injector nozzles (except CDI pump-injector elements)
- several characteristics of the injector nozzles can be tested:
- opening pressure
- spraying pattern
- tightness of the nozzle
- gas spraying pattern
- acoustic control (sound pattern)
- pressure gauge up to 400 bar
- connecting hose and 3 adaptors included
- plastic gas canister with filter
- heavy aluminium construction







#### **Roller Cabinet, Horizontal Double Extension**

- large storage area (700 x 360 x 170 mm inner size) with rubber insert - two drawers (565 x 320 x 55 mm)
- perforated tray on the sides for e.g. screwdrivers
- storage for spray cans, etc.
- large storage area in the bottom plate
- 2 fixed castor and 2 swivel castors with brake
- all wheels, drawers and double extension with ball bearing
- holder for paper rolls with a width up to 275 mm
- overall size 875 x 370 x 840 mm



Item # 4105



# Glue Sticks, 16 pieces, Ø11 mm

- length: 200 mm
- glue pin Ø11 mm, suitable for glue gun Art. 8050











## Face-Masks, 10 pieces

- one size fits allwith flexible rubber band







# Carpenter Pencils with Sharpener, 7-pc.

- 6 Carpenter Pencils 175 mm
- special sharpener







## Silicone Trowel and Scraper Set, 8-pc.

- to fill, clean, cut and smoothed
  suitable for all silicone-filled seam
  with different, changeable profile trowels
- stainless steel
- the perfect tool for flexible filled





