

New Items 2016/2017





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DIY ASSORTMENT

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129-piece Tool Set in Aluminum Case

6.3 1/4

- aluminum case with extra tablet, lockable, dimensions: 425x350x235 mm
- includes the following tools:
- 1x cutter knife, 155 mm, with 18 mm blade
- 10x spare blades for cutter, 18 mm
- 1x adjustable wrench, 200 mm
- 1x water pump pliers, 250 mm
- 1x combination pliers, 175 mm
- 1x long nose pliers, 200 mm
- 1x level, 230 mm
- 1x measuring tape, 15 mm x 3 meters
- 1x reversible ratchet, 1/4", 72 teeth
- 1x extension bar, 1/4", 100 mm
- 1x swivel handle, 1/4", 150 mm
- 13x sockets, 1/4", on metal rail, 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm and 1x bit adapter, 1/4" to 1/4" bits
- 19x slot SL bits, 1/4", 3 - 8 mm
- 11x inner hex bits, 1/4", 2 - 8 mm
- 8x cross slot PZ bits, 1/4", PZ0 - PZ3
- 8x cross slot PH bits, 1/4", PH0 - PH3
- 10x T-Star bits, 1/4", T8 - T40
- 4x 4-pt. bits, 1/4", 2 - 3.5 mm
- 1x bit adapter, 1/4", for 1/4" bits
- 3x slot SL screwdriver, 5.5x75 mm, 6.5x100 mm, 8x125 mm
- 1 precision screwdriver 2.5x50 mm
- 1x voltage tester (screwdriver), 100 - 250 volts
- 2x cross slot PH screwdriver, PH1x75 mm, PH2x100 mm
- 1 precision screwdriver PH00x50 mm
- 1x swivel handle for 1/4" bits
- 1x hacksaw, 260mm, including 7 blades
- 9x L-Type key set, inner hex with ball head, 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 8x open end spanners, satin chrom finish, 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 1x machinist's hammer, 300 g



Hand Tools

Item #
2204

7-piece Tool Set

- includes the following tools:
- machinist's hammer, 200 g
- folding rule, 2000 mm
- combination pliers, length 165 mm
- utility knife, 18mm blade
- 230V voltage tester (screwdriver)
- screwdriver with slot/cross slot bit

Item #
15007





Workshop Trolley, with 156 Tools

125 ■ 1/2 6.3 ■ 1/4

Hand Tools

- 6 smooth running drawers, 100 % extendable and lockable by central lock
- drawer dimensions:
 - drawers 1 to 3: (w) 53 x (d) 38,5 x (h) 5,5 cm
 - drawers 4 to 5: (w) 53 x (d) 38,5 x (h) 12,5 cm
 - drawer 6: (w) 53 x (d) 38,5 x (h) 19,5 cm
- 4 castors, 2 with locking function
- size: (h) 95 x (w) 75 x (d) 45,5 cm
- includes 2 plastic storage compartments and 10 plastic tool trays with following tools:
 - 24-piece 1/4" Socket Assortment: handle, ratchet, extension bars, universal joint, sliding bar, 6-pt. sockets: 4 to 14 mm, E-Profil sockets: E4 to E8
 - 29-piece 1/2" Socket Set: ratchet, sliding bar, 2x extension bars, universal joint, 6-pt. sockets: 11 to 32 mm, E-Profil sockets: E10 to E20
 - 61-piece Bit Assortment
 - 10 mm bits, 30 & 70 mm length:
 - internal hexagon bits: 4-4-5-5-6-7-10 mm
 - T-Star bits: T20-T25-T30-T40-T50-T55
 - spline bits: 5-5-6-8-10
 - 10 mm bits, 70 mm length:
 - philips bits: 4-6 mm
 - 1/4" bits, 25 mm length:
 - philips bits: PH1-PH2-PH3-PZ1-PZ2-PZ3
 - T-Star bits: T10-T15-T20-T25-T27-T30-T40
 - T-Star bits, tamperproof: T10-T15-T20-T25-T27-T30-T40
 - internal hexagon bits: 4-5-6 mm
 - 3/8" & 1/2" bit adapter for 10 mm bits
 - 2x 1/4" bit adapters, magnet / retaining mechanism
 - 8-piece Screwdriver Set
 - philips screwdriver: PH2x38-PH1x100-PH2x100-PH3x150
 - slotted screwdriver: 6x38-4x100-5x100-6x150 mm
 - 21-piece Open End Spanner Set, 7 to 32 mm
 - 5-piece Pliers Set
 - long nose pliers, 210 mm - combination pliers, 210 mm
 - side cutter, 185 mm - water pump pliers, 255 mm
 - self locking pliers, 220 mm
 - 2-piece Hammer Set
 - machinist's hammer, 500g & hammer with plastic head
 - 5-piece Rasp / File Set
 - flat file, 20x200 mm - round file, 8x200 mm
 - 4-pt. file, 8x200 mm - 3-pt. file, 11x200 mm
 - rasp, 21x200 mm
 - 201-piece Cable Stripper / Crimping Tool with Cable Shoes Assortment



Item #
4073





Workshop Trolley, with 185 Tools

125 □ 1/2 6.3 □ 1/4

- 7 smooth running drawers, 100 % extendable
- drawer interlock; remain closed during movement
- drawer dimensions:
- drawer 1 to 5: (w) 53 x (d) 38,5 x (h) 5,5 cm
- drawer 6: (w) 53 x (d) 38,5 x (h) 12,5 cm
- drawer 7: (w) 53 x (d) 38,5 x (h) 19,5 cm
- heavy duty ball bearing castors, 2 with locking function
- lockable drawers by central lock
- heavy duty plastic work plate with storage compartments
- size: (h) 97,5 x (w) 77 x (d) 46,5 cm
- includes 13 plastic tool trays with following tools:

- 24-piece 1/4" Socket Assortment:
handle, ratchet, extension bars, universal joint, sliding bar,
6-pt. sockets: 4 to 14 mm, E-Profil sockets: E4 to E8

- 29-piece 1/2" Socket Set
ratchet, sliding bar, extension bars,
6-pt. sockets: 11 to 32 mm, E-sockets: E10 to E20

- 61-piece Bit Assortment
- 10 mm bits, 30 and 70 mm length:
internal hexagon bits: 4-4-5-5-6-7-10 mm
T-Star bits: T20-T25-T30-T40-T50-T55
spline bits: 5-5-6-8-10
- 10 mm bits, 70 mm length:
philips bits: 4-6 mm
- 1/4" bits, 25 mm length:
philips bits: PH1-PH2-PH3-PZ1-PZ2-PZ3
T-Star bits: T10-T15-T20-T25-T27-T30-T40
T-Star bits, tamperproof: T10-T15-T20-T25-T27-T30-T40
internal hexagon bits: 4-5-6 mm
- 1/2" & 3/8" bit adapter for 10 mm bits
- 2x bit adapter for 1/4" bits, with magnet / retainer

- 7-piece screwdriver set with 6-pt. head
- philips screwdriver: PH1x100-PH2x38-PH3x150 mm
- slotted screwdriver: 6x40-5x100-6x100-6x150 mm
- 7-piece Philips Screwdriver Set
PH0x75 - PH1x100 - PH2x40 - PH2x100 -
PH2x125 - PH3x150 - PH4x200 mm
- 21-piece Open End Spanner Set, 6 to 32 mm
- 8-piece Double Ring Spanner Set, 6 to 22 mm
- 5-piece Pliers Set
long nose pliers, 210 mm - side cutter, 185 mm
combination pliers, 210 mm - water pump pliers, 255 mm
self locking pliers, 220 mm
- 2-piece Hammer Set
machinist's hammer, 500g & hammer with plastic head
- 9-piece Pin Driver, Chisel Set
1x cross chisel, 5,5 x 180 mm
3x flat chisel, 12x160, 16x175, 19x180 mm
2x pin driver, 8x180, 10x180 mm
3x pin driver, conical 6x180, 8x180, 10x180 mm
- 5-piece Rasp / File Set
flat file, 20 x 200 mm - round file, 8 x 200 mm
4-pt. file, 8 x 200 mm - 3-pt. file, 11 x 200 mm
rasp, 21 x 200 mm
- 7-piece Measuring / Cutting Tool Set
trapezoid blades knife - scissors, 40 x 140 mm
steel ruler, 300 mm (12") - calipers, 150 mm
measuring tape, 3 m (10 feet) - scriber, 147 mm
feeler gauge with 17 measuring sheets 0.02 to 1.00 mm



Hand Tools

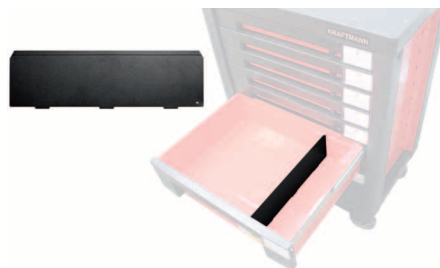
Item #
4072





Drawer Divider for Workshop Trolley BGS 4072, 4073, 4075

- suitable for drawer with 12.5 cm height



Item #
4070-2

40-piece Socket Set

6.3 1/4

- includes the following tools:
- 1/4" reversible ratchet, length 110 mm, with 1/4" int. hex. bit drive
- 1/4" extension bar, 70 mm
- reversible ratchet handle with 1/4" int. hex. bit drive
- 1/4" sockets: 5 - 6 - 7 - 8 - 10 mm
- 1/4" cross bits: PH0 - PH1 - PH2 - PH3 - PZ0 - PZ1 - PZ2 - PZ3
- 1/4" internal hexagon bits: 2 - 2.5 - 3 - 4 - 5 - 5.5 - 6 - 7 mm
- 1/4" slot bits: 3 - 4 - 4.5 - 5 - 5.5 - 6 - 6.5 - 7 mm
- 1/4" T-star bits: T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40

Item #
20102



31-piece Bit Set, 1/4"

6.3 1/4

- includes following 1/4" bits:
- 5x slot SL bits 2-3-4-5-6 mm
- 7x inner hex bits 2-3-4-5-6-7-8 mm
- 8x T-Star bits T10-T15-T20-T25-T27-T30-T35-T40
- 5x cross slot PH bits (Phillips) PH0-PH1-PH2-PH2-PH3
- 5x cross slot PZ bits (Pozzi) PZ0-PZ1-PZ2-PZ2-PZ3
- 1x bit holder, magnetic, 1/4"
- closeable box with belt clip

Item #
20820



1/2" Socket Set, 10-11-13 mm

12.5 1/2

- satin chrome finish

Item #
15123





1/2" Socket Set, 15-17-19 mm

12.5 1/2

- satin chrome finish

Item #
15125



19-piece 1/2 T-Star Bit Socket & E-Type Socket Set

12.5 1/2

- 9x E-type sockets,
E10 - E11 - E12 - E14 -
E16- E18 - E20 - E22 - E24
- 10x T-star bit sockets,
T20 - T25 - T27 - T30 - T40 -
T45 - T50 - T55 - T60 - T70
- satin chrome finish
- knurled

Item #
95100



5-piece 1/4" "Wobble" Extension Bar Set

6.3 1/4

- includes the following lengths:
50 - 75 - 100-150 - 225 mm
- mirror chrome finish
- in plastic tool tray

Item #
6110



5-piece 3/8" "Wobble" Extension Bar Set

10 3/8

- includes the following lengths:
38 - 75 - 150 - 250 - 450 mm
- mirror chrome finish
- in plastic tool tray

Item #
6111



5-piece 1/2" "Wobble" Extension Bar Set

12.5 1/2

- includes the following lengths:
50 - 75 - 125 - 250 - 450 mm
- mirror chrome finish
- in plastic tool tray

Item #
6112



Hand Tools



9-piece 1/4" - 3/8" - 1/2" "Wobble" Extension Bar Set 10 $\frac{3}{8}$ 12.5 $\frac{1}{2}$ 6.3 $\frac{1}{4}$

- includes the following drive sizes and lengths:
- 1/4" drive, lengths: 50 - 100 - 225 mm
- 3/8" drive, lengths: 75 - 150 - 225 mm
- 1/2" drive, lengths: 50 - 125 - 250 mm
- mirror chrome finish
- in plastic tool tray

Item #
6113



12-piece Double Open End Spanner Set, 6x7-30x32 mm

- sizes: 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm
- satin chrome finish
- in tetron wallet

Item #
1233



6-piece Double Open End Spanner Set, 6x7-17x19 mm

- sizes: 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 18x19 mm
- satin chrome finish
- in tetron wallet

Item #
1234



9-piece Int. Hex. Ball Head Wrench Set, 1.5 - 10 mm

- includes following sizes: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- long side with ball head, for tight spaces, allows tilting of the wrench up to 30°
- long type, length up to 185 mm
- in practical plastic holder

Item #
815



9-piece T-Star Wrench Set T10 - T50

- includes following sizes: T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
- long type, length up to 185 mm
- in practical plastic holder

Item #
816





Tire Levers

- chrome plated

Item #	Description
91530	Tire Lever, Length 250 mm
91531	Tire Lever, Length 400 mm
91532	Tire Lever, Length 500 mm
91533	Tire Lever, Length 600 mm
91534	Tire Lever, Length 750 mm



Water Pump Pliers, Locking Type, 400 mm

- pushing the button unlocks pliers
- pliers are locked during working

Item #
75210



End Cutting Pliers, DIN ISO 9243A, Length 180 mm

- satin black finish
- with polished jaws
- dip coated handles

Item #
75820



Mechanic's Pliers, DIN ISO 9242A, Length 220 mm

- satin black finish
- with polished jaws
- dip coated handles

Item #
75825



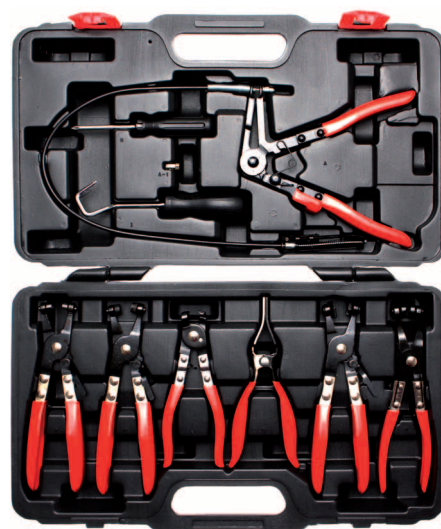
Hand Tools



8-piece Hose Clamp Pliers Set

- for loosening / tightening of hose clamps
- suitable for most European, American and Asian vehicles
- includes the following tools:
 - 1x hose clamp pliers
 - 1x swivel jaw spring wire clip pliers
 - 1x swivel jaw band clip pliers
 - 1x angled flat band hose clamp pliers
 - 1x hose remover pliers
 - 1x flat band hose clamp pliers
 - 1x screwdriver
 - 1x hose remover
 - 1x fuel line disconnection pliers

Item #
421



7-piece Crimping Pliers Set with 5 pairs of Jaws

- includes following tools:
 - 5 pairs of jaws for following terminals:
 - non-insulated open barrel terminals, 0,5 - 0,75 - 1,0 - 1,5 - 2,5 - 4,0 - 6,0 mm² (AWG 20 - 10)
 - non-insulated terminals, 1,5 - 2,5 - 4,0 - 6 mm² (AWG 16 - 10)
 - insulated terminals, 0,5 - 0,75 - 1,0 - 1,5 - 2,5 - 4,0 - 6,0 mm² (AWG 20 - 10)
 - insulated and non-insulated cable end-sleeves, 0,5 - 0,75 - 1,0 - 1,5 - 2,5 - 4,0 - 6,0 mm² (AWG 20 - 10)
 - non-insulated cable end-sleeves, cable sizes 10 - 16 - 20 - 25 - 35 mm² (AWG 7 - 2)
 - screwdriver for changing terminals

Item #
9070



Digital Caliper, 75 mm

- measuring range: 0 to 75 mm
- resolution: 1/100 mm
- operating voltage: 1.5 V
- battery: 1x SR54 button cell
- material: plastic

Item #
91930





52-piece Wheel Bearing Mounting Disc Set

- suitable for mounting of bearings, sealing rings and rubbers
- particularly useful when used with hydraulic presses
- this kit includes mounting discs in following sizes:
 - 18 - 65 mm (1 mm steps) and 74 mm
- 180 mm x Ø12 mm metal handle for assembly using a hammer
- made from carbon steel

Item #
98467



21-piece Wheel Bearing Mounting Disc Set XXL

- suitable for mounting of bearings and sealing rings
- particularly useful when using with hydraulic presses
- this kit includes 17 mounting pads
 - Ø 70 to 150 mm (5 mm steps)
- 273 mm metal handle for use with hammer
- material: carbon steel

Item #
98736



25-piece Carburetor Tester

- for synchronal testing of 2, 3 and 4 carburetor systems
- suitable for cars and motorcycles
- 4 manometers, Ø 92.5 mm
- 4 hoses 8 x 5 x 750 mm
- 4 replacements gaskets
- 4 connectors 53 mm (M6 x 0.75)
- 4 connectors 60 mm (M6 x 1.00)
- 4 extensions 3.9 x 52 mm
- 4 extensions 3.9 x 122 mm
- low-pressure measuring range:
 - 0 to -70 cm Hg (0 to -30 in Hg)
- pressure measuring range:
 - 0 to 14 PSI (0 to 1 kg/cm²)

Item #
962670





Engine Pressure Loss Test Set

- for quick and easy diagnosis of leaks on the combustion chamber, such as leaks on intake and exhaust valves, cylinder head gasket and piston rings
- shows the pressure loss in percent and allows an acoustic test
- suitable for petrol engines with spark plug threads M12x1.25 and M14x1.5
- includes the following components:
 - adapter M12 x 1.25 (metric)
 - adapter M14 x 1.5 (metric)
 - hose extension with quick coupling
 - gauge unit with air regulator, leak gauge and pressure gauge
 - hose adapters

Item #
62646



8-piece CDI Injector Extractor Set

- with sliding hammer 1,70 kg
- extra short: only 225 mm
- suitable for e.g. Bosch Injectors, as in BMW, Mercedes-Benz CDI engines OM 611, 612, 613
- total length 350 mm
- extraction adapter with external thread M17 x 1.0
- extraction adapter with internal thread M27 x 1.0

Item #
62636



HDI Injector Puller

- allows the extraction of Bosch and Siemens HDI injectors
- disassembly of cylinder heads is not necessary
- suitable for most vehicles
- PSA 2.0 HDI DW10, DW12 engines also on Toyota, Mazda, Hyundai

Item #
98349





Engine Timing Tool Set for VAG 2.5 / 4.9D / TDI Pump-Nozzle

- suitable for VW T5 as of 2004, Touareg and Phaeton as of 2003 with 5 and 10 cylinder engines
- camshaft locking tool for review and adjustment, suitable for 5 and 10 cylinder engines, to be used as OEM T10193
- camshaft locking tool for review and adjustment of 10 cylinder engines, to be used as OEM T10194
- clamping device for removal and replacement of the camshaft sprockets of 5 and 10 cylinder engines, to be used as OEM T10199
- special socket for rotating the crankshaft of 5 cylinder engines, to be used as OEM T10225
- crankshaft locking wrench for 5 cylinder engines, to be used as OEM T10226
- tensioner wrench

Item #
98443



Silent Bearing Tool Set, 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 alloy

Item #
98253



Ignition Timing Light, 12V

- for checking and adjusting the ignition timing
- suitable for all 12V petrol engines where it is possible to adjust the ignition timing
- ignition signal via cable of first cylinder
- bright stroboscopic light allows good readability of the ignition timing mark

Item #
40108





Air Sandblasting Gun with Accessories

- ideal for many applications in the car body area and all metallic surfaces
- is used for removal of rust, excessive dirt, coatings, etc.
- suitable for using with normal corundum with a grain size of 46 to 100
- easy to use
- lower consumption by reusing the grain
- includes the following accessories:
 - sand blasting cap for surfaces
 - sand blasting cap for inside corners
 - sand blasting cap for outside corners
 - sand blasting spot cap
- 2 bottles with 850g grit, corundum #60
- working pressure: 6 - 8 Bar (90 - 116 PSI)
- max. pressure 8 Bar (116 PSI)
- recommended hose: 9 mm (i.d.)



Item #
3650



130-piece Washer Assortment

- includes the following sizes:
 - 40 pcs. 4 mm, outside diameter 9 mm
 - 30 pcs. 5 mm, outside diameter 10 mm
 - 25 pcs. 6 mm, outside diameter 12 mm
 - 15 pcs. 8 mm, outside diameter 16 mm
 - 10 pcs. 10 mm, outside diameter 20 mm
 - 10 pcs. 12 mm, outside diameter 24 mm
- galvanized
- in reusable box



Item #
88132



145-piece Spring Washer Assortment

- includes the following sizes:
 - 40 pcs. for M4 screws
 - 30 pcs. for M5 screws
 - 30 pcs. for M6 screws
 - 20 pcs. for M8 screws
 - 15 pcs. for M10 screws
 - 10 pcs. for M12 screws
- galvanized
- in reusable box



Item #
88140



97-piece Picture Hook Assortment

- includes:
 - 1 cable, 0.75 mm x 1.8 m
 - 6 frame brackets
 - 8 nails 2.0 x 25 mm
 - 20 nails 1.3 x 17 mm
 - 12 eye bolts
 - 10 frames claws
 - 20 pinboard needles
 - 20 tacks
- in reusable box



Item #
88146





24-piece Automotive Fuse Assortment

- includes 4 pieces of each:
5A (orange) - 10A (red) - 15A (blue)
20A (yellow) - 25A (clear) - 30A (green)
- in reusable box

Item #
88154



142-piece Screw Hook Assortment

- includes:
- 60x closed screw hook, 2.2 x 25 mm
- 10x closed screw hook, 4.3 x 45 mm
- 8x closed screw hook, 4.8 x 50 mm
- 4x open screw hook, 4.8 x 75 mm
- 10x open screw hook, 4.0 x 60 mm
- 50x open screw hook, 2.5 x 40 mm
- galvanized
- in reusable box

Item #
88180



32-piece Linchpin Assortment

- includes following linch pins:
- 10 Stk. 4,5 mm
- 10 Stk. 6 mm
- 5 Stk. 8 mm
- 7 Stk. 11 mm
- in reusable box

Item #
88195



Storm Hook 4.0 x 160 mm

- for locking doors, gates, shutters, etc.
- length: 160 mm
- with eyelet
- galvanized

Item #
80940





50-piece O-Ring Assortment

- suitable for water taps
- the set includes:
- foam rubber washer:
 - 2 pcs. 36 x 28 x 2.2 mm
 - 2 pcs. 45 x 28 x 2.2 mm
 - 2 pcs. 45 x 21 x 2.2 mm
- sealing cones:
 - 2 pcs. 14.5 x 9.5 x 5.5 mm
 - 2 pcs. 17 x 10 x 7mm
- rubber washers (for washing machines):
 - 2 pcs. 13 x 4 x 4 mm
 - 2 pcs. 16 x 4 x 4 mm
 - 2 pcs. 17 x 4 x 4 mm
- fiber washers:
 - 2 pcs. 17 x 10 x 0.8 mm
 - 2 pcs. 21 x 17 x 0.8 mm
 - 2 pcs. 24 x 21 x 0.8 mm
 - 2 pcs. 24 x 17 x 0.8 mm
- plastic casing wear rings:
 - 1 pcs. 16 x 2.5 mm
 - 1 pcs. 19 x 2.0 mm
 - 1 pcs. 20 x 2.5 mm
- rubber washers:
 - 2 pcs. 19 x 11 x 2.5 mm
 - 2 pcs. 21 x 17.5 x 1.2 mm
 - 2 pcs. 21 x 14 x 1.2 mm
 - 2 pcs. 24 x 15 x 2.0 mm
- O-rings:
 - 2 pcs. 9.5 x 6.4 x 1.55 mm
 - 2 pcs. 16 x 11 x 1.55 mm
 - 2 pcs. 18 x 13 x 1.55 mm
 - 2 pcs. 17 x 12.7 x 1.55 mm
 - 2 pcs. 19 x 15 x 1.55 mm
 - 2 pcs. 20 x 16 x 1.55 mm
 - 2 pcs. 21 x 16 x 1.55 mm
- brass C clip:
 - 1 pc. 13 x 0.5 mm
- aluminum washer:
 - 1 pc. 21 x 18 x 0.5 mm



Item #
8128



450-piece Colored Cable Tie Assortment

- includes following cable ties:
- 50x red cable ties 100 mm x 2.5 mm
- 50x yellow cable ties 100 mm x 2.5 mm
- 50x green cable ties 100 mm x 2.5 mm
- 50x blue cable ties 100 mm x 2.5 mm
- 50x black cable ties 100 mm x 2.5 mm
- 50x white cable ties 150 mm x 2.5 mm
- 50x black cable ties 150 mm x 2.5 mm
- 50x white cable ties 200 mm x 3.6 mm
- 50x black cable ties 200 mm x 3.6 mm
- material: Nylon
- in round box



Item #
80873



3-piece Hinge Set, 50 x 50 mm

- galvanized
- 4 mounting holes

Item #
80915



10-piece Angle Connector 40x40x40 mm

- galvanized
- multiple drilling holes in both legs

Item #
80932



4-piece Flat Connector 100x35x2.5 mm

- galvanized

Item #
80784



Punched Mounting Band 20 mm, 10 m Role

- double row perforated
- zinc plated

Item #
80900



Joist Hangers

- zinc plated

Item #	Description
80902	Joist Hanger 46 x 105 mm
80904	Joist Hanger 80 x 120 mm
80906	Joist Hanger 100 x 140 mm





4-piece Swivel and Fixed Castors Set, 38 mm

- includes 2 fixed castors and 2 swivel castors
- fixed castors mounting plate: 35 x 45 mm
- swivel castors mounting plate: 40 x 45 mm
- castors diameter: 40 mm
- max. capacity: 25 kg



Item #
80330



4-piece Double Swivel Castors Set, 40 mm

- includes 4 double swivel castors, 360° swivel range
- swivel castors mounting plate: 38 x 38 mm
- castors diameter: 40 mm
- max. capacity: 25 kg



Item #
80332



Plastic Transport Roller (Home Trolley), 80 x 105 x 30 mm

- for transporting of heavy loads
- for many applications in house and garden
- turning plate allows easy maneuvering
- 4 double castors, mounted on steel axis
- with towing eye
- max. carrying capacity: 150 kg
- made of unbreakable plastic



Item #
80340

Sheet Steel Clamps, lightweight type

- dip coated handle and clamping jaws



Item #	Description
59811	Sheet Steel Clamps, lightweight type, 100 mm
59813	Sheet Steel Clamps, lightweight type, 150 mm



3-piece Seam Remover and Scraper Set

- includes following tools:
- caulk scraper tool, for removing old caulk
- caulk tip applicator tool, for cartridges, applies and smoothes caulk in one step
- dual applicator tool, smoothes caulk in narrow or wide joints

Item #
85213



4-piece Silicon Smoother Set

- for smoothing of e.g. silicone during grouting and sealing
- for perfect gap and seamless connections
- for hard to reach work areas
- includes 3 smoothers and 1 seal remover

Item #
85205



Air Foot Pump, 0-7 bar

- for inflating footballs, air mattresses, also suitable for car and bicycle tires with Dunlop and Schrader valves
- pressure gauges with dual display 0-7 bar (0-100 PSI)
- flexible tube, about 50 cm length
- with clamp lever
- cylinder: Ø 55 x 120 mm length

Item #
2105



Mini Glue Gun for 7.5 mm Glue Sticks

- with stand
- incl. 2x glue sticks 7.5 x 50 mm
- mains supply: 220 - 240 V / AC 50 Hz / 7 (10) W

Item #
80845





12-piece Glue Sticks, 7.5 mm

- includes 12x transparent glue sticks
- length: 50 mm

Item #
80851



12-piece Colored Glue Sticks, 7.5 mm

- includes following 7.5 mm glue sticks:
2x red, 2x orange, 2x green, 2x yellow, 2x black, 2x blue
- length: 50 mm

Item #
80849



12-piece Colored Glue Sticks, 11 mm

- includes following 11 mm glue sticks:
2x orange, 2x green, 2x yellow, 2x red, 2x black, 2x blue
- length: 150 mm

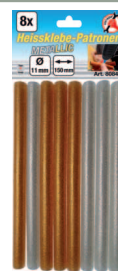
Item #
80847



8-piece Metallic Glue Sticks gold/silver, 11 mm

- includes following 11 mm glue sticks:
4x gold metallic, 4x silver metallic
- length: 150 mm

Item #
80848



Padlocks Type S - XXL

- hardened shackle
- not for outside use



Item #	Description
85130	Padlock Type S-32 mm
85140	Padlock Type L-38 mm
85150	Padlock Type XL-46 mm
85160	Padlock Type XXL-60 mm





Padlock Type L, extra high bow

- hardened shackle
- not for outside use

Item #
85168



4-piece Padlock Set, keyed alike, Type L-35 mm

- hardened shackle
- not for outside use

Item #
85164



Padlock, 40 mm, water resistant

- especially suitable for outdoor use
- incl. 2 keys

Item #
85817



2-piece Luggage Spanner 60 - 80 cm

- length (unstretched): 60 cm
- max length (stretched): 80 cm
- expander width: 15 mm
- max. tensile force: 60 N (approx. 6 kg)
- with plastic hooks

Item #
85502



Luggage Spanner 80 - 140 cm

- length (unstretched): 80 cm
- max length (stretched): 140 cm
- expander diameter: 10 mm
- max. tensile force: 120 N (approx. 12 kg)
- with 2 aluminum hooks

Item #
85505





10-piece Luggage Tensioner Assortment

- includes the following luggage tensioner lengths:
 - 30 cm, 3 pieces
 - 40 cm, 3 pieces
 - 60 cm, 2 pieces
 - 80 cm, 2 pieces
- max. tension: 70 N (about 7 kg)
- expander diameter: 7 mm
- TÜV / GS approved
- in round box

Item #
85512



Ratchet Strap with 4 Protective Covers

- suitable for securing loads and for biasing during gluing work etc.
- strap length: 5 m
- strap width: 25 mm
- material: Polypropylene plastic
- max. tensile load: 245 daN (122.5 daN)
- protective covers insure safe guidance around corners and enhance product lifetime
- TÜV/GS approved

Item #
3554



Ratchet Retaining Strap, 5 Tons

- with retaining hooks
- belt width: 50 mm
- belt length: 8 m
- capacity: 8 tons

Item #
3494



JUMBO Carabiner Hanging Hook, 160 mm

- for hanging and transporting bags etc.
- handle coated with soft foam
- material: aluminum
- max. capacity: 30 kg

Item #
8077





All-Purpose Rope, 20 m

- rope diameter: 4 mm
- max. capacity: 45 kg
- length: 20 m
- material: polyethylene (plastic)

Item #
80804



12-piece High Precision Drill Set

- suitable for modeling of small components
- for milling, grinding, engraving, etc.
- max. speed: 35,000 rpm
- shaft diameter: 3 mm
- incl. 2 adapter for 5 mm clamping chuck
- includes the following tools:
 - grinding stone, conical, Ø 4 mm
 - grinding stone, conical, Ø 6 mm
 - grinding stone, cylindrical, Ø 6 mm
 - grinding stone, cylindrical, Ø 7 mm
 - HSS milling cutter, ball head, Ø 3 mm
 - HSS milling cutter, cylindrical, Ø 3 mm
 - HSS milling cutter, cylindrical, Ø 8 mm
 - HSS milling cutter, conical, Ø 3 mm
 - HSS milling cutter, conical, Ø 6 mm
 - HSS milling cutter, conical, Ø 3 mm

Item #
50804



24-piece High Precision Drill Set

- suitable for modeling of small components
- for grinding, polishing, cutting, engraving, etc.
- max. speed: 35,000 rpm
- shaft diameter: 3 mm
- includes the following tools:
 - steel round brush, Ø 22 mm
 - plastic round brush, Ø 22 mm
 - plastic finger brush, Ø 4mm
 - plastic cup brush, Ø 25 mm
 - grinding stone, cylindrical, Ø 6 mm x length 16 mm
 - 3 mm adapter for using the polishing heads
 - 6 polishing wheels, Ø 13 mm x thickness 6 mm
 - 3 polishing wheels, Ø 25 mm x thickness 6 mm
 - polishing head, peg-shaped, Ø 10 mm x length 20 mm
 - polishing paste, approx. 10 cm³
 - 3 mm adapter for using the cutting discs and grinding wheels
 - 4 cutting disc, Ø 24 mm x thickness 0.5 mm
 - 2 grinding wheels, Ø 22 x thickness 3 mm

Item #
50802





67-piece High Precision Drill Set

- suitable for modeling of small components
- for grinding, cutting, engraving, etc.
- max. speed: 35,000 rpm
- shaft diameter: 3 mm
- includes the following tools:
 - grinding stone, cylindrical, Ø 6 mm
 - grinding stone, cylindrical, Ø 10 mm
 - grinding stone, disc-shaped, Ø 20 mm
 - 3 mm adapter for using cutting and sanding discs
 - cutting disc, Ø 22 mm, narrow
 - cutting disc, Ø 20 mm, wide
 - 50 sanding discs (sand paper)
 - 3 mm adapter for using the sanding rollers
 - 8 sanding rollers, Ø 16 mm x height 13 mm

Item #
50803



8-piece HSS Drill Set, 3 - 10 mm

- sizes: 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm
- material: HSS steel
- in foldable box

Item #
50808



5-piece Screw Extractor Set

- for quick and easy removal of broken, damaged or embedded screws
- removes cross slot PH + PZ and many other types of screw profiles
- suitable for use with all standard variable speed drills
- includes 5 extractor in sizes 0-0-1-2-3
 - #0 for 6 mm, speed 700 - 800 rpm
 - #1 for 8 mm, speed 600 - 700 rpm
 - #2 for 10 mm, speed 500 - 600 rpm
 - #3 for 12 mm, speed 400 - 500 rpm
- drive: 1/4" 6-pt.
- in plastic storage case

Item #
50410





Carbide Tipped Circular Saw Blade, Ø 210 mm

- diameter: 210 mm
- mounting hole: 30 mm, incl. reducer from 30 to 20 mm
- number of Teeth: 40
- blade thickness: 1.5 mm
- tooth thickness: 2.6 mm (cutting width)
- max. speed: 7200 rpm
- saw teeth: carbide tipped
- MPA approved

Item #
3953



Carbide Tipped Circular Saw Blade, Ø 350 mm

- diameter: 350 mm
- mounting hole: 30 mm
- number of teeth: 40
- blade thickness: 2.2 mm
- tooth thickness: 3.4 mm (cutting width)
- max. speed: 4300 rpm
- saw teeth: carbide tipped
- MPA approved

Item #
3958



5-piece Hole Saw Set, 60-95 mm

- for sawing holes in wood, chipboard and plasterboard
- Ø 60 - 67 - 74 - 81 - 95 mm
- cutting depth: 35 mm
- max. speed: 1500 rpm

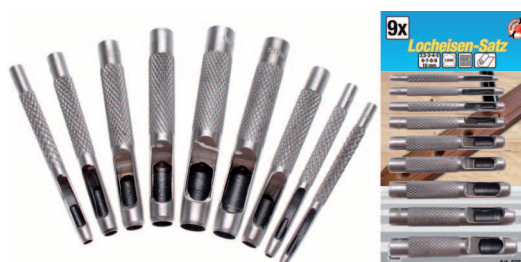
Item #
50305



9-piece Punches Set, 2.5 - 10 mm

- for punching leather, textiles, paper
- sizes: 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm
- material ejection slot

Item #
50619





3-piece Firmer Chisel Set 10-16-20 mm

- with wooden handles
- heavy duty finish

Item #
50240



Universal Scraper, with 5 Blades

- for removing e.g. tags, adhesive residues on glass, seal residues during engine repairs, etc.
- blade width: 38 mm
- with safety cap

Item #
85816



Stop Bracket 250 mm

- hardened measuring leg
- mm / cm scaling

Item #
50888





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Notizen - Notes - Notas

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