OUR BESTSELLER











COMMON VEHICLE SPRINGS IN PASSENGER CARS AND TRANSPORTERS



STANDARD

# **ECOline BLACK/RED TOOLBOX WITH SEVEN DRAWERS** Ideal set for universal use With self-closing mechanism and SOFT-CLOSE function Robust and stable steel construction with 0,8 mm sheet steel - distortion resistant Side walls with metal peg board for mounting different accessories Central locking system on all drawers through the cylinder lock













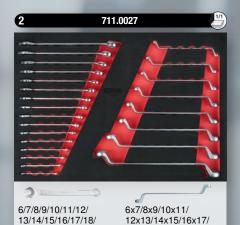
713.0215

12V 

SPECIAL

SET OF UNIVERSAL SYSTEM INSERTS FOR 3 DRAWERS WITH 215 PREMIUM TOOLS





18x19/20x22 mm



♠ PH0 - PH4

₱ PZ0 - PZ4

1,3 - 14 mm

T5 - T70

TS10 - TS40

TB5 - TB70

M5 - M8 M5 - M9



Certified Data Supplier



### RACINGline BLACK/RED TOOLBOX WITH SEVEN DRAWERS

- Very stable steel construction with 0,9 mm sheet steel distortion resistant
  High level of stability
  Side walls with metal peg board for mounting different accessories
  Handle locking system prevents unintentional opening
  Central locking system on all drawers through the cylinder lock







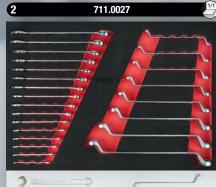




#### 713.0215

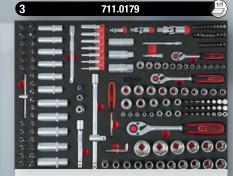
SET OF UNIVERSAL SYSTEM INSERTS FOR 3 DRAWERS WITH 215 PREMIUM TOOLS





6/7/8/9/10/11/12/ 13/14/15/16/17/18/ 6x7/8x9/10x11/ 12x13/14x15/16x17/ 18x19/20x22 mm







**─**4 - 12 mm

O 4 - 32 mm

♠ PH0 - PH4

**E4** - E24 1,3 - 14 mm

₱ PZ0 - PZ4

TS10 - TS40

**T5 - T70** 

★ TB5 - TB70

M5 - M8 M5 - M9



- Ideal set for universal use
- Very stable steel construction with 0,9 mm sheet steel distortion resistant

- High level of stability
  Side walls with metal peg board for mounting different accessories
  Central locking system on all drawers through the cylinder lock











IIA

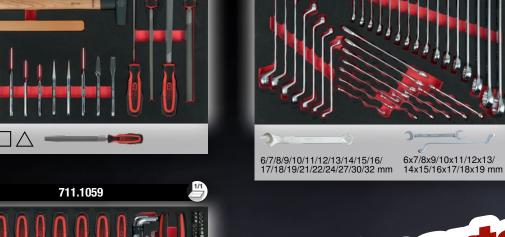
12V

#### 713.0515

3

SET OF UNIVERSAL SYSTEM INSERTS FOR 4 DRAWERS WITH 515 PREMIUM TOOLS





2





711.3035



- 1/4" 3/8"
- 1/4": 4/4,5/5/5,5/6/7/8/9/10/11/12/13/14 mm 3/8": 10/11/12/13/14/15/16/17/18/19 mm
  - 1/2": 10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 3/8": E10/E11/E12/E14/ E16/E18
  - 1/2": E20/E24
  - 1,3 -1,5/2/2,5/3/4/5/6/7/8/10/12 mm 1/2"
    - T5/T6/T7/T8/T9/T10/T15/T20/T25/T27/T30/T40/T45/T50/T55/T60
    - TB7/TB8/TB9/TB10/TB15/TB20/TB25/TB27/TB30/TB40/TB45/TB50/TB55/TB60
    - 4/5,5/6,5/7/8/10/12 mm M5/M6/M8
    - PH0/PH1/PH2/PH3/PH4 M5/M6/M7/M8/M9
    - ₱ PZ0/PZ1/PZ2/PZ3/PZ4
    - TS10/TS15/TS20/TS25/TS27/TS30/TS40/TS45



- Ideal set for universal use
- Very stable steel construction with 0,9 mm sheet steel distortion resistant
- · High level of stability

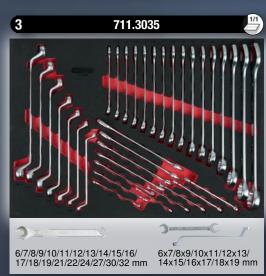
IIA

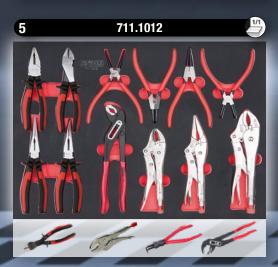
12V

**₹** 

- · Side walls with metal peg board for mounting different accessories
- · Central locking system on all drawers through the cylinder lock





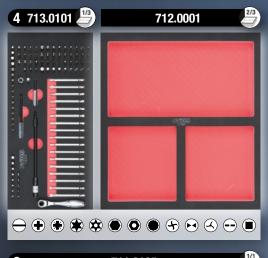


713.0598

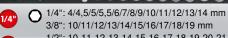
SET OF UNIVERSAL SYSTEM INSERTS FOR 6 DRAWERS WITH 598 PREMIUM TOOLS

# 598 parts!









1/2": 10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm

1,3 -1,5/2/2,5/3/4/5/6/7/8/10/12 mm

T5/T6/T7/T8/T9/T10/T15/T20/T25/T27/T30/T40/T45/T50/T55/T60

TB7/TB8/TB9/TB10/TB15/TB20/TB25/TB27/TB30/TB40/TB45/TB50/TB55/TB60

4/5,5/6,5/7/8/10/12 mm M5/M6/M8 PH0/PH1/PH2/PH3/PH4 (M) M5/M6/M7/M8/M9

₱ PZ0/PZ1/PZ2/PZ3/PZ4

TS10/TS15/TS20/TS25/TS27/TS30/TS40/TS45







3/8": E10/E11/E12/E14/ E16/E18

1/2": E20/E24





12V

SPECI















12V







- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Multifunctional use
- Rotating shaft adjustable for constant tightening in the base of the rotating head

**Application:** T-handle ratchet / screwdriver ratchet Adjustable in 2 positions  $0^{\circ} + 90^{\circ}$ 



#### 920.0002

# SLIMPOWER REVERSIBLE RATCHET SET

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Extremely slim head
- Fine gearing 72 teeth ratchet mechanism



#### 911.0009

#### **WOBBLE EXTENSION SET**

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Matt finish







#### **HEXAGON IMPACT SOCKET SET, EXTRA SHORT**



II.

S T A N D A R D

· Very flat design

According to DIN 3129 / ISO 2725-2

• Internal square drive to DIN 3121 / ISO 1174

· Short execution

10 - 11 - 12 - 13 - 14 - 15 -16 - 17 - 18 - 19 - 20 - 21 -











#### 515.0100

#### **IMPACT ADAPTOR AND REDUCING ADAPTOR SET**

- · Ideal set of compilation for adaptors and ball joints
- Chrome molybdenum
- In durable wheeled storage case







#### 503.4565

#### 4 IN 1 GEAR plus® REVERSING **DOUBLE RATCHET RING SPANNER**



- · Straight form
- Exact gearing with 72 teeth
- Four different sizes on each spanner
- · With reversing lever



#### 517.0052

#### **COMBINATION SPANNERS SET, OFFSET**

- FlankTraction profile
- Jaw 15° offset
- Ring head 15° offset
- Polished heads
- Matt finish





8-9-10-11-12-13 - 14 - 15 - 16 -17 - 18 - 19 mm

#### 517.0043

#### **COMBINATION SPANNERS SET, OFFSET**

• FlankTraction profile

1/4" 3/8" 1/2" 3/4"

- Jaw 15° offset
- · Ring head 15° offset
- Polished heads
- Matt finish









6-7-8-9-10-11 - 12 - 13 - 14 -15 - 16 - 17 - 18 -

19 - 20 - 21 - 22 -

24 - 27 - 30 - 32 mm

#### 503.4250

10\_19

#### **GEAR***plus*® COMBINATION RATCHETING SPANNER SET

- FlankTraction profile
- Jaw 15° offset
- Straight form Exact gearing with 72 teeth
- High quality finish





8-10-11-12-13-14-16-17-18-19 mm



#### 503.4960

#### **GEAR plus® REVERSING COMBINATION RATCHETING SPANNER SET**

- FlankTraction profile
- Jaw 15° offset
- Ratchet head offset at 15°
- · With reversing lever
- · Versatile sockets with go through function





4.1















#### 577.0352

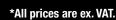
#### **ADJUSTABLE SPANNER WITH RATCHET**



- Jaw 15° offset
- Swedish type design
- Integrated ratchet function









12V

#### 918.1495

#### CHROME plus® BIT REVERSING RATCHET

- . For bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3
- Reversible
- Exact gearing with 72 teeth





#### **BIT SET**

- Can be used by hand or with an electric screwdriver
- · Includes magnetic quick release bit holder and 1/4" socket adapter
- · Ideally suited for fittings in trade and industry
- · Precise and orderly arrangement of the popular 1/4" bits

•





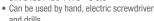


#### 514.1148

#### **MAGNETIC QUICK-CHANGE BIT HOLDER, EXTRA LONG**



- Magnetic
- with freewheel sleeve
- For 1/4" Bits with external hexagon drive to DIN 3126 / ISO 1173 - C 6,3









#### 159.0010

#### **ERGOTORQUE***plus*® **SCREWDRIVER SET**

- Two component handle
- Optimal power transmission
- · Hardened blade
- · Chrome finish with burnished tips









#### 159.2051

#### **REVOLVER RATCHET BIT SCREWDRIVER**

• Ratchet function

• Exact gearing with 72 teeth

Handle with double function (standard and pistol handle)

• 40 Nm maximum torque · Integrated bit magazine





PH1 - PH2









# IIA STANDARD

#### **ERGOTORQUE***plus*® **SCREWDRIVER SET**

- Two component handle
- · Optimal power transmission
- Hardened blade
- Chrome finish with burnished tips
- Blade made of chrome vanadium







159.0040

#### 159.0100

#### **ERGOTORQUE** *plus* ® **SCREWDRIVER** AND BIT SET

- Two component handle
- Optimal power transmission
- Includes the most current 1/4" bits, bit holder and screwdriver bits
- Hardened blade
- Chrome finish with burnished tips







3 - 4 - 5,5 - 6 6,5 - 8 - 10 mm PHO - PH1

PH2 - PH3

PZ0 - PZ1 PZ2 - PZ3

2 - 2.5 - 3 - 4

5 - 6 - 8 mm T10 - T15 - T20 - T25

T27 - T30 - T40 TB10 - TB15 - TB20 - TB25 TB27 - TB30 - TB40



#### ERGOTORQUE® max HAMMER CAP SCREWDRIVER SET

- · Hexagon drive
- Includes T-handle ratchet
- Protective cap on the handle end
- Optimal power transmission
- · Hardened blade



3,5 - 5,5 - 6 - 7 - 8 - 10 mm



PHO - PH1 - PH2 - PH3 - PH4











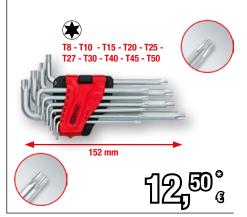
#### 151.4880

#### **TORX L-KEY SET, LONG**

- Long execution
- Continuous hardened
- Matt chrome
- · Special tool steel
- . In durable folding holder







#### 151.5000

#### **BALL END HEXAGON SOCKET** WRENCH SET, LONG

- Long execution
- · With ball head on the long end
- · Ideal for difficult to access screws
- In durable folding holder
- Continuous hardened







#### 115.1197

#### **POWER LOCKING PLIERS**

- · Forged gripping jaws
- Prevents slipping even at high forces
- Size adjustment using the adjustment wheel
- For round and flat material











#### T-HANDLE BALL ENDED HEXAGON KEY WRENCH SET

- · With ball head on the long end
- Ideal for difficult to access screws
- Continuous hardened
- Special tool steel
- In durable plastic storage case









#### 151.8160

#### T-HANDLE TORX TAMPERPROOF KEY WRENCH SET

- Tamperproof
- Two component handle
- Continuous hardened
- Special tool steel
- In durable plastic storage case







#### 118.0015

#### MINI BOLT CUTTER, SELF-RELEASING

- Cutting performance up to 60-63 HRC
- Cutter head made of high quality special steel
- Induction-hardened precision cutting





#### PIPE WRENCH WITH ADJUSTABLE HEAD

• Type "Stillson"

111.3550

- · Aluminium cast body





#### UNIVERSAL CRIMPING TOOL SET WITH AUTOMATIC WIRE STRIPPER

- Extremely robust and reliable crimping tool
- . Inserts lock and to they click to prevent possible misuse

**Crimp head for pin terminals** Crimp head for coaxial terminals

- . Optimal crimping through precision profile
- Ratchet function

Ø 1,0 - 3,2 mm

• Easy to change the crimp heads through quick locking device













#### 960.1200

#### **SMALL SOLDERING TORCH**





- Optimal for fine soldering
- Filled with standard lighter gas / ISO butan gas
- · With table stand





#### 911.2175

#### PRECISION SCREWDRIVER SET



- Twist end cap
- · Clip for the breast pocket
- Plastic handle
- · 4 mm special steel bits







#### 550.1080

12V

SPECI

#### **MAGNET AND HOOK TOOL SET**

- Ideal for removing and use of 0 rings and seals
- With telescopic magnet attachment and replaceable hook
- . Storage compartment in the handle for the various attachments
- · Special tool steel







#### 300.0532

#### **DIGITAL VERNIER CALLIPER 0 - 150 MM**

- . With fixed adjusting screw and fine rolling adjustment
- For external, internal, step and depth measurements
- mm/imperial switching
- Reset (to zero) in every position possible
- · Stainless steel





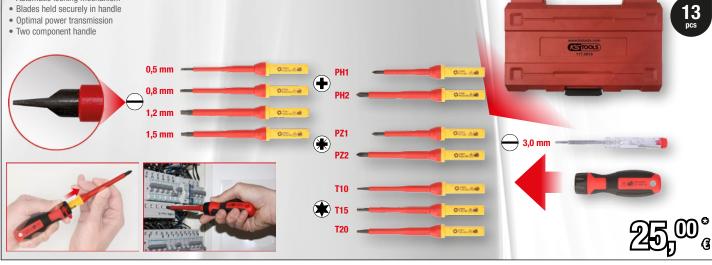
12V

SPECI

#### 117.0610

#### **VDE SCREWDRIVER SET WITH INTERCHANGEABLE BLADES**

- Insulated to IEC 60900
- Automatic locking mechanism



#### 150.1495

#### **DIGITAL MULTIMETER INCL. TEST PROBES**

- · Solid multimeter with basic measuring functions
- Test lead set with test tip (red/black)
- With base in protective rubber holster

#### **Functions:**

- DC and AC voltage measurement
- DC and AC current measurement
- Resistance measurement
- Diode test (with acoustic signal)
- Continuity test (with acoustic signal)
- Data hold function
- Battery check indicator



#### TECHNICAL DATA:

Fuse protection S1 (fine flow):	250mA/600V; 10A/600V
Working temperature:	0° to +40° C (32° to 104° F)
Co-current flow:	20 μA - 10 A
AC voltage:	200 V - 600 V
Resistance measurement:	200 Ohm - 2 MOhm





#### **ELECTRIC RECHARGEABLE PRECISION SCREWDRIVER**

- · Ideal for very long network independent working
- With practical clockwise and anticlockwise reversing function
- · High performance lithium-ion battery





#### STUD EXTRACTOR SET

- Set contents for extensive applications
- · For removing of threaded bolts, studding and screws
- No damage of the thread
- Only negligible enlarging of the threaded bolt through special profile extractor pin
- For screws and bolts M5 M16











drill guide         guide         pre-drilling         re-drilling         pin         No. Pin         nut D           150.0501         4,0 / 3,2         3,2         -         3,2         150.0521         SW 10         150.0511         150.05115           150.0502         4,8 / 3,2         3,2         -         3,2         150.0521         SW 10         150.0511         150.05115           150.0503         4,8 / 3,2         3,2         4,8         4,8         150.0522         SW 11         150.0512         150.05128           150.0504         4,8 / 3,2         3,2         4,8         4,8         150.0522         SW 11         150.0512         150.05128           150.0505         6,0 / 4,8         4,8         6,4         6,4         150.0523         SW 13         150.0513         150.05138           150.0506         7,0 / 4,8         4,8         8,0         4,0         150.0523         SW 13         150.0513         150.05138           150.0507         7,0 / 4,8         4,8         8,0         8,0         150.0524         SW 14         150.0514         150.0514           150.0508         7,0 / 4,8         4,8         8,7         8,7         150.0525         SW 17         150.0	Führungshülse	Hülse Innen-Ømm	vorbohren Ømm	aufbohren	Stift	Art.Nr. Stift	Mutter D	Art.Nr. Mutter nut D	Stift + Mutter pin + nut
150.0502	drill guide			re-drilling	pin	No. Pin	nut D	1101.0	piii i iiut
150.0503	150.0501	4,0 / 3,2	3,2	-	3,2	150.0521	SW 10	150.0511	150.0511S
150.0504         4,8/3,2         3,2         4,8         4,8         150.0522         SW 11         150.0512         150.0512S           150.0505         6,0/4,8         4,8         6,4         6,4         150.0523         SW 13         150.0513         150.0513S           150.0506         7,0/4,8         4,8         6,4         6,4         150.0523         SW 13         150.0513         150.0513S           150.0507         7,0/4,8         4,8         8,0         150.0524         SW 14         150.0514         150.0514S           150.0508         7,0/4,8         4,8         8,7         8,7         150.0525         SW 17         150.0515         150.0515S           150.0509         9,0/6,5         6,4         8,7         8,7         150.0525         SW 17         150.0515         150.0515S	150.0502	4,8 / 3,2	3,2	-	3,2	150.0521	SW 10	150.0511	150.0511S
150.0505         6,0 / 4,8         4,8         6,4         6,4         150.0523         SW 13         150.0513         150.0513S           150.0506         7,0 / 4,8         4,8         6,4         6,4         150.0523         SW 13         150.0513         150.0513S           150.0507         7,0 / 4,8         4,8         8,0         8,0         150.0524         SW 14         150.0514         150.0514S           150.0508         7,0 / 4,8         4,8         8,7         8,7         150.0525         SW 17         150.0515         150.0515S           150.0509         9,0 / 6,5         6,4         8,7         8,7         150.0525         SW 17         150.0515         150.0515S	150.0503	4,8 / 3,2	3,2	4,8	4,8	150.0522	SW 11	150.0512	150.0512S
150.0506         7,0 / 4,8         4,8         6,4         6,4         150.0523         SW 13         150.0513         150.0513S           150.0507         7,0 / 4,8         4,8         8,0         8,0         150.0524         SW 14         150.0514         150.0514S           150.0508         7,0 / 4,8         4,8         8,7         8,7         150.0525         SW 17         150.0515         150.0515S           150.0509         9,0 / 6,5         6,4         8,7         8,7         150.0525         SW 17         150.0515         150.0515S	150.0504	4,8 / 3,2	3,2	4,8	4,8	150.0522	SW 11	150.0512	150.0512S
150.0507         7,0 / 4,8         4,8         8,0         8,0         150.0524         SW 14         150.0514         150.0514S           150.0508         7,0 / 4,8         4,8         8,7         8,7         150.0525         SW 17         150.0515         150.0515S           150.0509         9,0 / 6,5         6,4         8,7         8,7         150.0525         SW 17         150.0515         150.0515S	150.0505	6,0 / 4,8	4,8	6,4	6,4	150.0523	SW 13	150.0513	150.0513S
150.0508 7,0 / 4,8 4,8 8,7 8,7 150.0525 SW 17 150.0515 150.0515S 150.0509 9,0 / 6,5 6,4 8,7 8,7 150.0525 SW 17 150.0515 150.0515S	150.0506	7,0 / 4,8	4,8	6,4	6,4	150.0523	SW 13	150.0513	150.0513S
150.0509 9,0 / 6,5 6,4 8,7 8,7 150.0525 SW 17 150.0515 150.0515S	150.0507	7,0 / 4,8	4,8	8,0	8,0	150.0524	SW 14	150.0514	150.0514S
	150.0508	7,0 / 4,8	4,8	8,7	8,7	150.0525	SW 17	150.0515	150.0515S
150.0510 9,5 / 6,5 6,4 8,7 8,7 150.0525 SW 17 150.0515 150.0515S	150.0509	9,0 / 6,5	6,4	8,7	8,7	150.0525	SW 17	150.0515	150.0515S
	150.0510	9,5 / 6,5	6,4	8,7	8,7	150.0525	SW 17	150.0515	150.0515S

4 / 3.2 -9,5 / 6,5 mm 5/32" / 1/8" -3/8" / 1/4"

3,2 - 8,7 mm 1/8" - 11/32"

3,2 - 8,7 mm

#### 150.7060

12V

**~** 

SPECI

#### TORX AND HEXAGON SOCKET SCREW EXTRACTOR SET

- Ideal for loosening and opening screws and bolts whose head is damaged or worn off
- Special left-hand cutting thread with tapered cutting edges for Torx screws and specially shaped extractors for hexagon socket screws
- Including TORSIONpower bits for Torx and hexagon socket screws
- Bits with torsion zone for cushioning of the torque peak
- · Longer service life























- TE30 - TE40 - TE50 - TE55

















The tiniest HD dual

camera in the world!



dual camera

Option 2:

with probe Ø 4.5 mm



550.7500

199,<sup>00</sup>

dual camera  $0^{\circ} + 90^{\circ}$ 

Ø 6.0 mm



HD





6,0 MM

Option 1:

with probe Ø 6.0 mm







TECH	MICA	N D	$\Lambda \Lambda$

Screen:	3,5"	Operating time :	approx. 150 min				
Picture storage format:	JPEG	Connection:	USB 2.0	Rechargeable battery:	1500 mAh	Operating temperature:	-10°C to +60°C
Video format:	AVI	Camera resolution:	1280 (H) x 720 (V)	Battery technologie:	Li-polymer	Storage medium:	microSD



#### HD VIDEO SCOPE PROBE, 0°, Ø 3.9 MM

- 6 adjustable mini LED lamps
- Bend radius max. 5 cm
- connectable to HD videoscope 550.7501















			20 9
ARTICLE-NO.	550.7510	550.7540	550.7520
Operating time :	ca. 60 min	ca. 60 min	ca. 60 min
Camera resolution:	1600 x 1200 (YUV), 1280 x 720 (photograph) = 2.0 mega pixel	1600 x 1200 (YUV), 1280 x 720 (photograph) = 2.0 mega pixel	1600 x 1200 (YUV), 1280 x 720 (photograph) = 2.0 mega pixel
Battery technologie:	Lithium-ion	Lithium-ion	Lithium-ion
Head Ø:	5,5 mm	6,0 mm	3,9 mm
Camera angle:	0°	0 + 90°	0°
Included hook, magnet and mirrow	<b>√</b>	X	<b>✓</b>
	7 0 0 0 0	DUAL DIAL OF SOME	3,9 MM
5		0.7540 <b>99</b> 00 € 55	0.7520 <b>39.00</b> €



12V

SPECI

#### **WORKSHOP CABLE REEL**

- Extra strong, automatic return mechanism
- 180° freely revolving
- Loadable when coiled: 1000 W
- Loadable when uncoiled: 3000 W
- Metal wall reinforcement rail 205 mm



#### 150.9205

#### **MEASURING CUP SET**

- . Configuration of practical measuring cup sizes
- · Break-resistant
- · Resistant to oil, petrol and acid
- · With handle and spout
- PE (polyethylene)



#### 150.9240

#### **FUNNEL SET**

- Configuration of practical funnel sizes
- Break-resistant
- · Resistant to oil, petrol and acid
- Grip strap for convenient use
- HDPE (high density polyethylene)





#### THE MINIDEVIL HIGH PERFORMANCE IMPACT WRENCH

- Long service life
   Ultra light aluminium housing







#### TECHNICAL DATA:

Max. screw size:	M 16
Air consumption:	169 l/min
Operating pressure:	6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm

79<sub>00°</sub>

#### 515.1200







#### TECHNICAL DATA:

Max. screw size:	M 16
Air consumption:	169 l/min
Operating pressure:	6,3 bar (90 psi)
Min. tube diameter:	3/8" - 10 mm







S P E C I







#### MINIMONSTER XTREMELIGHT HIGH PERFORMANCE PNEUMATIC IMPACT WRENCH

- With practical clockwise and anticlockwise switch
- High performance double hammer mechanism
- Long service life
- ultra light composite housing











135 l/min

max. 6,3 bar

3/8" - 10 mm





90 mm



149,<sup>00</sup> \*

#### SUPERMONSTER HIGH PERFORMANCE PNEUMATIC IMPACT WRENCH

- With four-stage torque adjustment for tightening and loosening
- Easy operation

Max. screw size: Air consumption:

Operating pressure:

Min. tube diameter:

- High performance double hammer mechanism
- Long service life

TECHNICAL DATA:	
Max. screw size:	M 38
Air consumption:	283 l/min
Operating pressure:	max. 6,3 bar (90 psi)
Min. tube diameter:	3/4" - 19 mm

Item no		kg	
515.3250	3/4"	6,70	€ 749,00
515.3270	1"	6,75	€ 749,00
515.3260	3/4"	7,76	€ 799,00
515.3280	1"	7,82	€ 799,00













#### **AUTOMATIC PNEUMATIC HOSE REEL**

- · With wall mounting bracket
- For pneumatic and water
- Drum 180° freely tiltable by means of wall mounting
- Automatic hose return
- · Impact resistant plastic housing









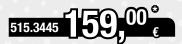
TECHNICAL DATA:	15 m
Connection thread:	3/8" - 10 mm
Max. pressure:	20,0 bar
Tube diameter:	10,0 mm
Hose length:	15 + 1,5 m

515.3440

1,5 m



TECHNICAL DATA:	15 m
Connection thread:	1/2" - 13 mm
Max. pressure:	20,0 bar
Tube diameter:	13,0 mm
Hose length:	15 + 1,5 m





1,5 m

# Highlights Highworkshop for the Workshop

#### 150.4435

#### PERFECTLIGHT 5 + 1 INSPECTION LAMP 100 LUMEN

- Ideal for very long network independent working
   powerful spot LED
- extremely powerful light COB front LED
   three light modes: two brightness levels
- and a spot
- Ingress protection according to IP20





3 hour

100 lumen

-10° / +40°C











#### PERFECTLIGHT TORCH 85 LUMEN

- Ideal for smock and shirt pocks
- 25 m headlight range

- 5 10 hours lamp duration
  Includes 2 x AA 1,5 V batteries
  Ultra light and impact resistant aluminium housing



<b>V</b>		
	O FO	•

Illumination period max:	10 hour
mummation period max.	TO HOU
Light current max.:	85 lumen
Working temperature:	-10° / +45°C

15,00%

#### 150.4495

12V

**₹** 

SPECI

**TECHNICAL DATA:** 

Light current max.:

Working temperature:

Illumination period max:

#### MOBILE COB LED WORKSHOP HAND LAMP, FOLDABLE

- Ideal for very long network independent working
- 3 Watt COB LED + 1 x LED Head light
- · Housing body covered with high quality rubber
- Ingress protection according to IP20
- · Shock and impact resistant



#### **TECHNICAL DATA:**

Illumination period max:	3,5 hour
Lumen:	150 / 60 lumen
Working temperature:	-17° / +55°



TECHNICAL DATA



















**BENCH VICE** 

With swivel base

12V

#### 150.9239

#### **WATER CAN**

- For a wide range of uses
- Break-resistant
- With 2 carry handles
- · Pouring spout enables clean emptying







Item no	Clamping range mm	Jaw length	
914.0004	120,0	4"	€ 129,00
914.0005	140,0	5"	€ 139,00
914.0006	170,0	6"	€ 149,00
914.0008	200,0	8"	€ 179,00

· Absolutely parallel with adjustable centric drive

LARGE CLAMPING RANGE

from

#### PRESSURE PUMP VAPORISER

- Made from high-quality polyethylene
- For various chemicals such as brake cleaner, detergents, releasing and cleaning fluids etc.
- Adjustable and closable brass spray head
- Viton® seal
- · Suitable for overhead work



#### 800.0960

#### **ALUMINIUM WORK PLATFORM**

- Skid proof profile on the platform stage
- · Large platform for safe standing
- Safety clips for added security
- Easy to store as the unit is fully collapsible









#### 500.8100

#### UNIVERSAL TELESCOPIC-MULTI-PURPOSE TROLLEY WITH

- Ideally for the car body restoration, panel spraying area or for windshields
- · Universal application the all rounder both height and width adjustable
- · After use space saving folding away
- Rubber underside to prevent damage to the paintwork and other panels
- Capacity up to 100 kg



#### 500.8030

#### **MOBILE AND HEIGHT ADJUSTABLE STOOL**

- · Robust and mobile stool
- Storage area for the protection of tools and small parts
- Washable cushion





#### \*All prices are ex. VAT.

#### **MAT WITH HANDLE**

- Guarantees safety-conscious working on a flat surface
- · Moisture and dirt resistant
- Work garments and knees stay dry, clean and protected
- Petrol and oil resistant









#### **PROTECTION MAT**

- Guarantees safety-conscious working on a flat surface
- · Moisture and dirt resistant
- · Work garments and knees stay dry, clean and protected
- · Petrol and oil resistant







ວເ	JU.	BU4	to Ci

	mm	mm	
00.8040	480,0	320,0	€
00.8045	1150.0	550,0	€



#### 500.8011

Ϊή

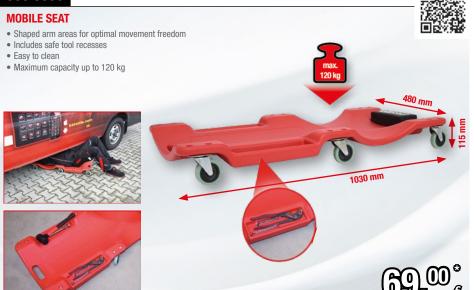
STANDARD

#### **DRIVABLE STRETCHER AND FOLDING SEAT**

- For the use of lying and sitting
- Interlocking mechanism against accidental loosening
- Padded execution for fatigue free working
- · Washable cushion

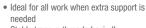


#### 500.8090

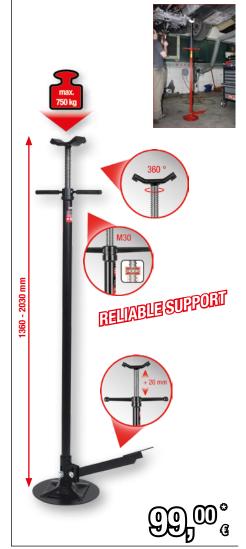


#### 160.0342

#### **UNDERHOIST STAND WITH PEDAL**



- Stable trapeze threaded spindle
- . Smooth-operating with axial bearings
- Foot pedal for precise adjustments (20 mm)
- The ideal work shop assistant in many situations

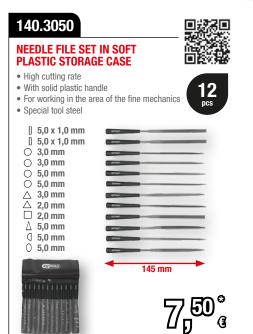


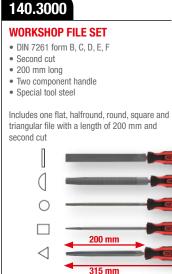


12V











#### **FOLDING KNIFE WITH LOCKING MECHANISM**





- Blade fixator folded out
- Non slip handle with finger recesses
- · Ideal for mechanics





#### 907.2225

#### **FOLDING KNIFE WITH LOCKING MECHANISM**

- · Blade with coating
- · Blade fixator folded out
- · Easy and handy to use
- Anodised aluminium handle





# 907.2220

#### **CLASP KNIFE WITH LOCK AND BELT CUTTER**

- · Blade with coating
- Blade fixator folded out
- integrated belt cutter on the handle
- · Glass breaker at handle end





12V

- Ideal for removing of stickers, seal and glue residues
- With easily interchangeable and retractable blades
- With reinforcement eyelet
- Scraper blade retractable via spline end for protection





#### **KNIFE SCRAPER SET**

- Ideal for removing of stickers, seal and glue residues
- Simple blade change by loosening the knurled thumb screw on the chuck
- Practical storage system for changeable blades
- Suitable for many different application due to the wide range of blades
- Professional universal knife with aluminium housing





#### 162.0370

#### **PIN PUNCH SET**

- · Quenched and tempered
- Tip can be re-sharpened
- Shaft with gold coated lacquer
- Chrome molybdenum
- In metal storage box







## **MICRO FINE WOVEN GLOVES -**

- · Very comfortable design and fit
- Especially breathable fabric
- · With PU reinforced gripping palm
- Ideal for working with small parts
- Printed logo



310.0470	9	€	19,00
310.0475	10	€	19,00
310.0480	11	€	19,00

#### **LEATHER MECHANIC GLOVE**

- · Ideal for working with small parts secure grip
- Inner palm synthetic material leather
- With anti-vibration protection
- · With elasticated wrists
- · With hook and loop fastene



Itelli lio			
310.0250	9	€	17,50
310.0255	10	€	19,00
310.0260	11	£	19 00

#### 310.0195

12V

SPECI

#### WELDERS PROTECTIVE HELMET

- Turns fully automatically from bright after dark as soon as the light arch is ignited
- Due to high quality solar cells battery replacement is no longer require
- Equiped with a sensitivityand delaying switch for switching between dark and light to prevent welders blindness when welding at high amp capacity
- · Quick switching is possible when changing from seam to spot welding
- Complete neck protection



#### 310.0110

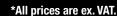
#### **GLASSES - TRANSPARENT**

- · Practical for spectacle wearers
- With ventilation holes for clear visibility
- · With firm frame
- · With ear clip
- · Polycarbonate lens









12V

SPECI

II. S

#### 150.1628

#### **DOOR HANDLE REMOVAL TOOL FOR VAG**



- · for loosening the locking hook which is difficult to access with door handles without a closing cylinder
- Required to remove the door handle
- · Two component handle
- · Chrome vanadium

Application range: Volkswagen Arteon >2017, Caddy >2016, Golf Sportsvan >2015, Passat >2015, Tiguan >2016, Touran >2016 and Audi Q2 >2016





#### 911.8181

#### **PUSH PIN PLIERS, STRAIGHT**

- for the removal of reusable plastic rivets, push rivets and clips
- · removes the pin and anchor without damage
- angled tips
- Self opening
- · With PVC dipped handle

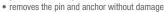




#### 911.8182

#### **PUSH PIN PLIERS, ANGLED**





- angled tips
- Self opening
- With PVC dipped handle





#### 150.1010

#### **BATTERY-OPERATED PLASTIC REPAIR SET**

- Suitable for the repair of cracks or similar damage to plastic parts (from 1 mm thick)
- . Also for plastics with a glass fibre content of max. 40%
- Battery operated, mains independent working
- Heating rod holder for different repair clamps with Ø 0.6 and 0.8 mm

Application range: Bumpers, panels, covers etc.





















TECHNICAL DATA:	
Operating time :	ca. 90 min
Working temperature:	0°C up to +500°C
Charging time:	3-4 hours
Capacity:	30 Watt





#### 115.5050

#### **HOSE CLAMP PLIER SET**

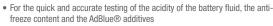
- For simple clamping of flexible for hoses from 15.9 mm (5/8") up to 60.0 mm (2.3/8")
- The hose is a broad area squeezed against the stable support surface, damaging the hose is avoided
- · Prevents petrol, oil, water and radiator anti-freeze from escaping during maintenance work
- Ideal for use in passenger cars, vans and large vans, commercial vehicles, tractors, agricultural machinery, construction machinery and industrial applications
- Heat resistant up to 160 ° C





#### 550.1285

#### **REFRACTOMETER - OPTICAL TESTER FOR BATTERY FLUID, ANTIFREEZE AND ADBLUE® ADDITIVES**



- Can also be used for coolant and windscreen wiper fluid
- Also suitable in ambient temperatures of less than 10°C
- High quality design made from aluminium

\*AdBlue® is a registered trademark of the Verband der Automobilindustrie e.V





#### PNEUMATIC CLEANING GUN

- Ideal for professional cleaning of cushions, door pillars, ventilation channels, carpets, foot mats, fabric seats etc.
- Unique, cyclonic, ball bearing mounted rotation cleaning technology
- For all possible surfaces, cleaned damp or dry
- · Also suitable for hard-to-reach places, e.g. between seats and seams
- Cleaned surfaces also dry extremely quickly thanks for the fine misted cleaning solution











# Min. tube diameter: 515.1935

TECHNICAL DATA: Operating pressure:

#### PNEUMATIC CLEANING GUN SET WITH SUCTION HOSE

• Ideal for professional cleaning of cushions, door pillars, ventilation channels, carpets, foot mats, fabric seats etc.

max. 6.3 bar (90 psi) 3/8" - 10 mm

- Pneumatic-operated with simple handling
- Unique, cyclonic, ball bearing mounted rotation cleaning technology
- For all possible surfaces, cleaned damp or dry
- Includes 360° rotating and 30° angled ball joint and plug nipple







TECHNICAL DATA:	
Operating pressure:	max. 6,3 bar (90 psi)
Air consumption:	120 l/min
Min. tube diameter:	3/8" - 10 mm





159,00°

#### 150.9565

12V

#### **RIVET GUN ADAPTER**

- · Blind rivet attachment for drills, screwdrivers and cordless screwdrivers with clockwise and counter-clockwise rotation
- 11 Nm torque and a speed of max. 1000 rpm are required for use
- . Enormous time and cost saving
- · Simple handling
- made from carbon steel with plastic housing



#### 150.3010

#### LAYER THICKNESSES MEASURING INSTRUMENT

- · For fast measurement of coatings
- For coatings on aluminium, iron and non-ferrous metals
- Ideally suited to the disclosure of accident damage
- · Digital display with lighting
- · One hand operation







#### TECHNICAL DATA:

Readout: 3.1/2" LCD readout Loading gage "Strength": 0-40 mils (0-1000 µm) 0°C - 50°C (32°F - 50°F) Operating settings: < 75% air humidity





IIA



#### MASTER COOLING SYSTEM DIAGNOSTIC SERVICE SET



#### 150.9388

#### 3-JAW FUEL GAUGE AND PUMP SENDER COLLAR WRENCH

- . Ideal for releasing and tightening the fuel filter locking ring from the tank sender to the fuel tank
- Makes possible simple and time-saving work
- No damage to the ring by the tool
- Makes work in tight gaps possible
- · Less space required





#### **FLEXIBLE INSPECTION MIRROR WITH LIGHTING**

· Ideal for very long network independent working

• LED light source

550.1136

• For visual monitoring and troubleshooting

· Double ball joint

• Approx. 60 hours lamp duration





#### 150.3610

#### RADIAL SHAFT SEAL REMOVER SET

- For the removal of radial shaft seals and small bearings
- For hard to reach places too











• For loosening and unscrewing of fixed nuts with damaged "round turned" heads

Special, left-handed thread with 6 conical tapered cutting edges

Very flat compact and robust execution











For up to

80% rounded screws!



19,00°

#### 150.1910

12V

#### **CO2 CYLINDER HEAD LEAK TESTING SET**

- For the locating of leaks on combustion engines
- Rational and dependable finding of cracks and leakages
  Potential CO2 content in the coolant solution is detected
- Ideally suited for the cylinder head, cylinder head seals and engine block
- For all current vehicles with water cooled engines (Gas, Diesel and Petrol)







IIA

12V

#### 911.1740

#### **BELT DISC COUNTER HOLD TOOL FOR MERCEDES**

- Special profiles allows for counter holding when releasing or securing the crank
- short lever
- · carbon steel



#### 150.2233

#### **SPECIAL RELEASE TOOL FOR HENN® CLAMPS**

- universally suitable for vehicles with HENN® clamps
- suitable for unlocking or loosening clamps on air or coolant hoses
- head adjustable with a grip up to 90° for harder-to-reach areas
- With PVC dipped handle



#### 405.0155

#### **SPECIAL INJECTOR WRENCH SET**

- · Special length and design
- . Drive and output are on one axis and thus allow controlled tightening of the screw connection
- Opening allows 180° rotation

Application range: BMW, Kia, Hyundai / Mercedes



#### 405.0070

#### INJECTION NOZZLE EXTRACTOR **SET FOR FORD**

- · ideally suited for dismantling injectors on Ford EcoBoost GDi engines
- · enables short and intensive impact through impact weight
- Sturdy design
- · Cylinder head does not work against the thrust bearing

Application range: Ford EcoBoost GDi 1.0L



#### 400.9075

#### **DIESEL PUMP SPROCKET PULLER FOR VAG**



- 15 mm hexagonal pressure screw and 24 mm hexagonal
- retaining screw
- For manual operation
- · Sturdy design

Application range: Volkswagen Golf >2013, Audi A3 >2013, **Škoda** Rapid >2012, Octavia, >2013, Fabia 2014, Superb >2015, Kodiaq 2016, **Seat** Alhambra >2011, Ibiza 2008, Leon 2013 and Ateca with 1.4-, 1.6- and 2.0 litre TDi engines



#### 500.7505

#### PENCIL TYPE IGNITION COIL PULLER

- · Perfect for the fast and safe disassembly of pencil-type ignition coils
- · Prevents damage to the coil and on the housing



#### 150.3305

#### **V-RIBBED BELT TOOL**

- · Suitable for the assembly and disassembly of the elastic V ribbed discs
- · Quick, problem-free and correct changing of the belt
- No damage to the pulley wheel and the belt
- Minimal force required
- Special tool steel





# 12V

#### 911.3999

#### **SPECIAL SPARK PLUG SOCKET FOR BMW WITH JOINT**



- . Double hexagon profile allows the pickup of hexagon and 12-point spark plugs
- · With swivel head for hard to reach spark plugs
- Holding rubber facilitates the assembly and disassembly

(E60) with BMW N43 engines , because the spark plugs are installed at an angle of > 5°



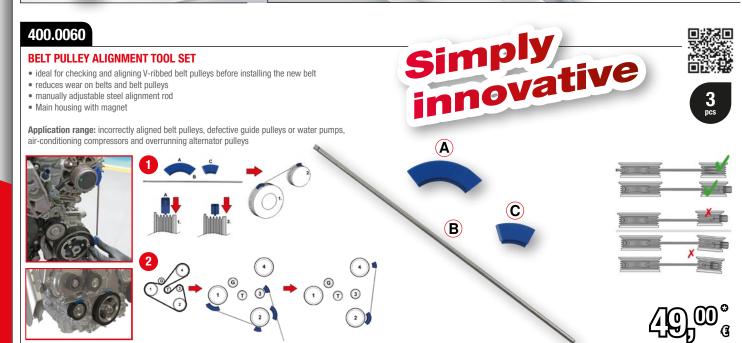
#### 500.7325

#### SPECIAL GLOW PLUG AND SPARK PLUG SOCKET SET WITH JOINT

- Double hexagonal profile (14 mm spark plug socket) makes it possible to grasp hexagonal and double hexagonal spark plugs
- Extra slim design
- with swivel head for hard-to-reach spark plugs and glow plugs







#### 150.3170

#### **UNIVERSAL BELT PULLEY PULLER 2 ARM**



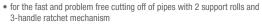
- Draw off arms with locking device
- Clamping yoke compresses the legs firmly
- Less space requirement through compact method of building





#### 104.5050

#### RATCHET PIPE CUTTER



• very good parallel cutting due to the width-accurate cutting is guaranteed

• Cutting depth max. 3 mm

· Robust ratchet mechanism



IIA

A N D

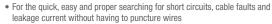
# 550.1173 LED COB STRIPE INSPECTION LAMP 190 LUMENS WITH UV SPOT LED Ideal for very long network independent working extremely powerful light COB front LED Powerful UV spot LED

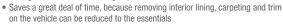
- two light modes: one brightness level and a UV spot
  2 light flux strengths: COB front 190 lumens and spotlight 60 lumens light flux



#### 150.3075

#### 12-42 V DETECTOR FOR LOCATING SHORT CIRCUITS, CABLE **BREAKS AND LEAKAGE CURRENT**





- . For locating electrical components in the vehicle
- For testing and detecting temporarily interrupted connections ("loose connections")
- The transmitter is connected to the circuit to be tested with the insulated crocodile clamps via the fuse box









IIA

S T A N D

#### **CABLE ROUTING AID SET**

- prevents damage to cable insulation
- helps the user to thread or pull out cables or probes if there are obstacles or components with sharp edges
- · different diameters and lengths provide various options for adaptation
- rounded opening at the handle end allows cables or probes to be handled easily without causing damage
- with 4 different attachments



#### 150.0939

#### **CABLE THREADING ASSISTANCE**



- lines • with rounded head (Ø 5 mm), the pulling aid can easily be pushed through the tubes
- with eye for fastening the cable or line
- Shape is maintained and can be altered at any time
- Free malleable, therefore can be adapted for extremely tight















- TOOL SET WITH INSULATED TOOLS FOR HYBRID AND ELECTRIC VEHICLES
- Insulated to IEC 60900





12V

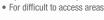
IIA

#### 150.9275

#### UNIVERSAL TRANSMISSION OIL FILLING SYSTEM SET INCL. 20 PIECE ADAPTER SET

• Ideal for filling transmission, distributor transmission and differentials of different vehicle manufacturers with oil

- . Many transmission cannot be filled without this tool
- Optimal for narrow places or hard-to-reach places





FOR THE PROS

oda M18 x 1,5

Volvo 5/16" - 24 UNF

+ Škoda M30 x 1,5

NOW WITH 20 ADAPTERS







an Juke M12 x 1,25 Cooper M14 x 1,5

Toyota + Lexus M18 x 1,5

Nissan + Infinity M8 x 1,0

#### 500.8805

#### PRESSURISED AIR STAND SPRING **COMPRESSOR INCL. ADAPTER PLATE**

- Ideal for tensioning spring feet
- · Pressurised air support allows for extremely comfortable
- · Secure assembly and disassembly of the shock absorbers with McPherson spring feet system
- . Suitable for 95% of all vehicles on the market
- · Secure and easy to use





#### TECHNICAL DATA: Operating pressure 10 bar max: 1/4" Connection thread: Air consumption: 250 l/min **Compression force** 1.200 kg 450 0 mm Compression stroke:

1199

#### 150.9545

#### SPECIAL SHOCK ABSORBER ASSEMBLY HELP SET FOR SHOCK ABSORBERS WITH **REBOUND BUFFER SPRINGS**



VAG, BMW + Mini M10 x 1,0

les 722.9, M12 x 1,5

· Simply remove the entire rebound buffer spring and align securely

Universal, 300 mm

- Minimum time needed
- . Significantly reduces risks when changing springs or shock absorbers





#### 500.8755

#### UNIVERSAL TELESCOPIC CENTRE COMPRESSOR SET FOR INTERNAL SPRINGS

- · For removal/installation of spiral springs on spring strut and independent multilink suspensions
- · Safe removal and installation without dismantling the axle
- . New, revised version with longer clamping stroke
- · Overload protection with torsion drive element · Suitable for use on vehicles with very small access bores





1600 kg 95,0 - 220,0 mm Spring capacity: max. Load:





INCLUDED

SAFETY FIRST



Ø 75-115 mm



- Ideal for practical assistance with repairs and assembly of steering and chassis components for motor vehicles
- Ideal for replacement work on shock absorbers, suspension springs and top mount
- · Also applicable for the exchanging of tie rod end, tie rod or axle joints

**ALIGNMENT TOOL SET FOR PASSENGER CAR VEHICLE** 

• Optimization of the repair process by eliminating a time consuming and costly alignment



#### 150.1810

150.1800

#### ALIGNMENT TOOL SET FOR LIGHT AND HEAVY COMMERCIAL VEHICLE

- Universal application, independently of hole spacing and number of bolts
- For repair work on steering and suspension components
- Restoring of the original wheel adjustment parameters such as toe-in and track width after a repair

• when replacing suspension parts, e.g.: Track rod end (ball joint) Application range: Use of transporters, trucks, buses, trailers and semi-trailers







TIII KI KI KI KI TO-

SUGGESSFULREPAIRS





200,00°

#### 150.1125

#### **SPECIAL AXIAL JOINT WRENCH SET**

- For the disassembly of axle joints on the track rods
- For use on square, hexagonal, octagonal and round outside profile
- Gentle removal without damaging the external joint surfaces
- Positive connection
- · For narrow spaces



(STOOLS)

40-45 mm



M16 x 1,5 mm













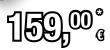
(STOOLS)



360 mm

















- With non slip soft grip handle
- Ideal for industry
- Efficient, gentle loosening of screw fittings
- With stepless impact regulation
- Vibration dampened



TEOHNIOAE DATA.	
Chisel holder:	10,2 mm
Operating pressure:	max. 6,3 bar (90 psi)
Air consumption:	114 l/min
Min_tube diameter:	3/8" - 10 mm

# That exerts pressure!







TECHNICAL DATA:

S T A N D A R D

#### 700.1550

#### PRESS AND PULL SLEEVE KIT

- For the assembly and disassembly of bearings
- Ideally for silent bearings, hydro bearings, bushings, ball bearings, simmer rings etc.
- Universal use for passenger cars, trucks, communal, agricultural and forest vehicles
- Outstanding to use also in connection with workshop press or hollow piston cylinder
- Pressure bearing protects against increased friction during the process



0 38 - 40 - 42 50 - 52 - 54 62 - 64 - 66 mm

M10x1,5 M12x2,0 M14x2,0

13 x



Ø 34 - 36 - 44 - 46

48 - 56 - 58 - 60 - 68

70 - 72 - 75 - 80 mm





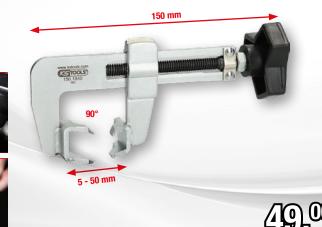




#### 150.1840

#### **RETAINING RING CLAMPING TOOL**

- 90° angled
- · For the disassembly and assembly of nut caps without lug retainer
- Slip proof
- Chrome vanadium



#### 150.1736

#### 12 POINT DRIVE SHAFT IMPACT **SOCKET, THIN WALLED**

- 12 point
- tapered
- Internal square to DIN 3120 / ISO 1174 with ball reception
- · Very robust execution

Application range: for Opel Corsa D, Adam, Mokka; Chevrolet Trax >2013; Fiat 500, Grande Punto, Punto Evo >2005; Ford Ka, Mercedes S-Klasse, BMW, Volkswagen and Jaguar XJ40, XJ181



## 150.2740

#### WHEEL HUB HOLDER SET

- ideally suited for secure holding during assembly and disassembly of the drive shaft central screw
- and the drive shaft screw connection on the gearbox
- Universal usage
- suitable for almost all cars and vans
- suitable for max. M14 wheel bolts / wheel nuts
- In durable plastic storage case













IIA

A N D



#### 515.3100

#### PNEUMATIC ASSEMBLY TOOL FOR CV JOINT BOOTS

- suitable for all universal and original vehicle axle boots
- · also suitable for all-wheel vehicles and small transporters
- with 8 extremely robust spreader arms
- Air pressure is regulated through a button
- no additional lubricant necessary





Operating pressure:	max. 8 bar
Min. tube diameter:	3/8" - 10 mm
max. Expansion diameter:	25 - 115 mm







#### 150.1467

#### THREAD BOTTOM TAP FOR EXTERNAL THREAD M4 - M45

- · For re-cutting and cleaning damaged outer threads
- Suitable for right and left-handed thread
- steplessly adjustable via knurled screw
- The chaser is well-guided due to the width of the jaw and does not tilt
- Can be used everywhere regardless of the thread length



#### 300.0540

#### **DIGITAL BRAKE DISK VERNIER CALLIPER 0 - 60 MM**

- In accordance with DIN 862 • For internal measurements
- mm/imperial switching
- Reset (to zero) in every position possible





# I A S T A N D A R D

#### 150.2299

#### HAND BRAKE SHOES RETAINING **SPRING TOOL FOR MERCEDES**



- · Ideal for the assembly and disassembly of the retaining clip on the hand brake jaws of the disk brake
- · Guide slots in the function area
- allows easy access to the retention spring laterally behind the hub
- For narrow spaces

Application range: Parking brake retention springs (rear disc brake) for Mercedes V classes Vito and Viano (model 638) 1996 - 2003, (model 639) 2003 - 2014, (model 447) >2014



#### 150.1935

#### **UNIVERSAL HOOK SET, ADAPTABLE**



- adaptable form (flexible)
- · these hooks prevent the weight of the brake calliper from damaging the brake hoses
- the fluorescent colour of the signal hose is easily detectable and prevents from leaving the tool on the vehicle
- · Shape is maintained and can be altered at any time

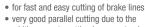


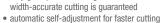
FLEXIBLE

150.2295

# 104.5065

#### **RATCHET BRAKE LINE CUTTER**





- perfectly suitable for confined spaces, also under the vehicle
- · Robust ratchet mechanism



## 150.2237

#### PNEUMATIC SPINDLE FOR BRAKE PISTON ADAPTOR FOR **CONFINED SPACES**

- · ideal for confined spaces due to optimised counter holding plate
- · Ideally suited to damage-free resetting of the brake piston
- The turning direction is set by the user via the angle piece at the end of the spindle
- · Comfortable and fast working through pneumatic spindle
- . Whilst carrying out maintenance work and when changing the brake pads it is necessary to push the brake pistons back into the brake calliper



#### UNIVERSAL BRAKE PISTON RESET TOOL ADAPTER SET

- With individually adjustable 2-pin and 3-pin universal brake piston adapter and 3/8" adapter with magnet
- Ideally suited to damage-free resetting of the brake piston
- No damage to sleeves, pistons of piston holes in the brake calliper
- . Whilst carrying out maintenance work and when changing the brake pads it is necessary to push the brake pistons back into the brake calliper
- · can be combined with conventional brake piston restorers







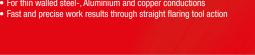


#### 122.1290

12V



- Enables use directly on the vehicle
- Prevents damages of the coated surfaces
- For thin walled steel-, Aluminium and copper conductions



3.0-6.0 mm

3,0-40,0 mm



3,0-16,0 mm









4,75-5,0 mm, OP1, SAE

6,0 mm, OP1, SAE



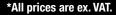




**149,00**°,







SPECI

#### 122.1215

#### FLAREFIXeco 4.75 MM UNIVERSAL BRAKE PIPE FLARING

- · Easy and handy to use
- Enables use directly on the vehicle
- · Prevents damages of the coated surfaces
- For the universal use in vehicle workshops
- For thin walled steel-, Aluminium and copper conductions





#### 100.5075

#### WHEEL HUB GRINDER SET Ø 150 MM, INTERNAL Ø 90 MM

- For the optimal cleaning of wheel hubs and brake discs
- ideal for use on large truck, van and large limousine wheel hubs up to Ø 150 mm
- . Optimised for the latest wheel hubs with larger inner diameter (Ø 90 mm)
- No flying sparks
- Clean contact surfaces prevent falsification of the wheel tightening torques



#### 160.0725

#### **BRAKE BLEEDING SPANNER SET**

- · Ideal for hard-to-reach places when bleeding the brakes
- · For bleeding the brakes without dismantling of the wheels
- with return valve, which prevents used brake fluid from running back as well as air that has been pumped out
- · also suitable for bleeding the coupling system
- extra short 12-point socket



#### 150.9524

#### **OIL FILTER WRENCH** Ø 74.5 MM / 15 GROOVES

- for quick and professional installation and removal of the hard-to-reach filter cartridge
- Use according to the manufacturer's specification for torque
- · Suitable for left and right side operation
- Internal square drive adaptor to DIN 3120 / ISO 1174

Application range: Ford Focus 3, C-Max 2, Galaxy 3, Kuga 2, Mondeo 4, Mondeo 5, S-Max 2, Transit Connect 2 etc. with 1.5 I and 1.6 I EcoBoost petrol engines



#### 150.9543

#### **OIL FILTER WRENCH** Ø 74.5 MM / 14 GROOVES

- · For the quick and professional installation and dismantling of the oil filter cover when changing the oil filter insert
- · Use according to the manufacturer's specification for torque
- · Suitable for left and right side operation
- Internal square drive adaptor to DIN 3120 / ISO 1174

Application range: Mercedes C-Class (320), CLS (320), E-Class (280, 320), ML (280, 320) etc. with CDI engines (engine code: 0M642)



#### 150.9317

#### **OIL FILTER PLIERS**

- · With PVC dipped handle
- 5-stage industrial adjustment
- Universal usage
- · Special tooth profile on the jaws
- · Safety stop on the external diameter







I A

S T A N D A R D

12V

#### 913.1460

#### **SPIRAL PROFILE IMPACT SOCKET SET**

- Internal square drive to DIN 3120 / ISO 1174 with ball reception
   Rejuvenating special profile with aggressive spiral nut
- For turning off of screws with rounded or turned heads
- Bites firmly to give a firm connection between stuck nut and head
- Drive out pir









24 mm

21 mm

19 mm

27 mm



139,00°

#### 300.0537

1/4" 1/2"

#### **TYRE PROFILE DEPTH GAUGE 0 - 30 MM**

- Glare-free reading
- For depth measurements
- Reading 0.1 mm steps for accurate profile depth determination
- Sturdy design
- Made of hard brass



#### 160.0391-TD

#### UNIVERSAL RUBBER MAT SET FOR LIFTING PLATFORM

- · Perfect underlay to protect sills and paintwork
- Optimal slip resistance
- Universal support for lifting platforms
- Perfect for car body workshops, tyre service lifting platforms etc.
- · Very robust and thus versatile







20,00

#### 913.1484

#### WHEEL LOCK DRILL SET

- for quick and simple drilling and removing of the rim locks
- ideal for rim locks with rotating external sleeve
- prevents larger damage on aluminium rims
- including centring sleeves, drill and extractors
- with impact aid and extractor remover





- 2 x Drill, Ø 8,5 mm
- 3 x Centring sleeve, metal, internal Ø 19 21 24 mm
- 4 x Centring cone, nylon, external Ø 33 35 37 38 mm
- 1 x Packing aid
- 4 x Extractor
- 1 x Extractor remover
- 1 x Release sleeve 17 19 mm





ALSO FOR WHEEL

LOCKS WITH

ROTATING OUTER SHELL



199,00°





TIM



# TYRE VULCANISATION SET FOR CARS • Simple handling

Sturdy metal tool

• Ideal for the repair of stitch damage to treads of tubeless tyres

Contains all tools needed for the repair

Application range: passenger cars, motorcycles, vans, saloon cars





accessories: 150.1072

Seal repair strips, 100mm, pack of 60

€ 15,<sup>00</sup>







#### KS TOOLS TOOL BOX FOR CHILDREN

- Toys with realistic function: With this great KS Tools tool set the small craftsman can really get started and is in no way inferior to the professional.
- Skills development: Visual, manual, brain, grasping, intellectual development, sensory perception, hearing, skill training, hand-eye coordination,...
- Extensive range: The children's set includes drill, cordless screwdriver, pliers, hammer, spanner, saw,...

NCLUDEL

 Realistic design: The battery-operated cordless screwdriver (batteries not included) can be used with two different drills

**Age recommendation:** 3 to 8 years. Not suitable for children under 36 months. Risk of suffocation due to small parts that can be swallowed.



**Your Local Distributor** 

PREMIUM-WERKZEUGE TOOLS

PREMIUM TOOLS

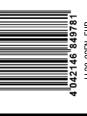
#### KS Tools Werkzeuge - Maschinen GmbH

Seligenstädter Grund 10 - 12 D-63150 Heusenstamm



Tel.: +49(0) 61 04 49 74-0 Fax: +49(0) 61 04 49 74-11 e-mail: kstools@kstools.de

www.kstools.com



100073