MECHANICAL ENGINEERING
WORK PREPARATION

ZEBRA® Speed cutting disc, blue
Especially for thin-walled pipes and profiles, thin metal sheets, motor vehicle body sheets. Extremely high cutting capacity (very short cutting times) with very long service life
Art. no. 0664 101 250

Quick-action nut
for angle grinder
Art. no. 0702 480 900

HSS body saw blade
for multi-cutter
Art. no. 0696 681

Circular saw blades
Art. no. 0611 616 024

Bandsaw blades
One blade for any job:
Bi-metal (carrier made of spring band steel, teeth made of cobalt steel M42). New unique, patented tooth shape made from M42 bi-metal [WO 02/42029 A1] Easy band selection, as just three tooth types cover a wide variety of applications and material thicknesses.
Art. no. 0602 401 732

Sabre saw blades
Art. no. 0615 920 318

Jigsaw blades
Art. no. 0608 116 123

ZEBRA® bi-metal handsaw blades
Art. no. 0603 301 13
Electric angle grinder
Art. no. 0702 476 2

Bandsaw PBS 160
Art. no. 0701 321 0

Ink marker
Art. no. 0967 909 901

Cutter knife
Art. no. 0715 66 275

Stop angle DIN 875/1
Art. no. 0715 765 300

Mechanic’s glove
Art. no. 0899 400 530

Pocket measuring tape
with plastic housing
Art. no. 0714 64 569

X100 hearing protection
with cord
Art. no. 0899 300 332

Spica goggles
Art. no. 0899 102 330

Multi-cutter
Art. no. 0702 698 1

Hand saw
Art. No. 0714 64 0 15

Sabre saw SBS 1300
Art. no. 0702 695 1

Power jigsaw
Art. no. 0570 670 21
WELDING

MM230 MIG/MAG welding system
Art. no. 0702 352 0

Welding system with 2-roller wire feed unit for welding aluminium, steel and stainless steel welding wire.

TIG welding system 180 AC/DC
400 ml
Art. no. 5952 000 181

Cleaning device WELNOX ICSS 300-P
Art. no. 0702 353 550

TIG assembly kit 180DC
Art. no. 5952 000 182

ESI 160 assembly kit
Art. no. 5952 000 162

Digitally-controlled electrode welding inverter.
Your starting device for all electrode welding applications.

Universal rod electrode,
blue 3.2 x 350 mm
Art. no. 0982 325 1

WIG welding rod for stainless steel welding
1.6 mm x 1 m
Art. no. 0982 711 6
Perfect welding spray
400 ml
Art. no. 0982 325 1

- Biological welding protection spray for aluminium, construction steel, non-ferrous metals, stainless steels and welding torch nozzles
- Prevents weld splatter from being burnt onto metals, VA materials and welding torch nozzles. Contributes to optimum welding work.
- Does not spread

Inert gas welding wire for MIG/MAG welding
Art. no. 0982088

Electrode welding cable
Art. no. 0984 1508

Contact tips
Art. no. 0984 260 108

Nappa leather glove
Art. no. 0984 311

Automatic welding helmet
Art. no. 0984 680 100

Hose pack
Art. no. 0984 260 130

CO₂ special pliers
Art. no. 0984 302

High-temperature blanket
Art. no. 0984 350 1

Welding goggles
Art. no. 0984 503 51
CHIPPING TOOLS

- **DIN 338 HSCO twist drill bit set type RN MFD VARIO**, high-precision drill bit set for stainless steel, especially with a high level of heat generation
- Tip angle 118°
- MAGMA multilayer coating
- Wear protection coating with a hardness of 3300 HV
- Heat resistant up to 800°C

**MFD twist drill bit**
Art. no. 0626 050 100

**Magma twist drill bit**
Art. no. 0626 040 100

**Twist drill bit**
Art. No. 0624...

**Hardox MK twist drill bit**
Art. no. 0618 300 800

**NC centre drill**
Art. no. 0636 440 500

**Titanium-nitride countersink**
Art. no. 0694 020 06

**MG drill bit with black ring through hole**
Art. no. 0655 010 003

- HSS-E premium machine screw tap, with "Coating Plus" and additional black ring identification.
- Blind hole notch shape C up to M10 DIN 371, from M12 DIN 376
- Optimised TiN (titanium nitride) coating
- Up to three times the service life of comparable uncoated models.

**MG drill bit with black ring blind hole**
Art. no. 0653 100 03

**Cylindrical carbide burr with plain MX spur cut**
Art. no. 0616 001 011
Segmented grinding disc
Art. no. 0578 480 524
- Long-life segmented grinding disc for steel / stainless steel
- Segmented grinding disc with patented segment shape and arrangement
- Extremely long service life coupled with very high degree of material removal
- Especially well-suited for grinding edges

Cubitron vulcanised fibre disc
Art. no. 0580 712 536
- Cubitron II vulcanised fibre disc 987C 3M, high-performance fibre disc for processing stainless steel
- With additional binding agent coating – reduces the grinding temperatures and thus the risk of tempering colours

Roughing wheel
Art. no. 0670 161 257

Nylon sanding fleece grain 280 very fine A
Art. no. 0585 805 280

Support plate for vulcanised fibre discs with cooling fins
Art. no. 0586 580 225

Cut + Cool
Perfect drilling and cutting oil
High-performance cutting oil for heavy-duty machining work and high cutting speeds.
400 ml
Art. no. 0893 050 008

Cut + Cool
drilling and cutting oil
400 ml
Art. no. 0893 050 004

Cut + Cool
ECO drilling and cutting gel
400 ml
Art. no. 0893 050 011

Multi-purpose spray
Art. no. 0893 055 40

Cut + Cool
cooling lubricant
20 l
Ultra
Art. no. 0893 050 031
Ultra HD
Art. no. 0893 050 036

HHS® 5000 adhesive lubricant
Art. no. 0893 106 3
- Extremely temperature resistant, fully synthetic creep oil with PTFE
- Resistant to spray water and salt water, weak acids and bases
- Free of silicone, resin and acids
- Temperature range: -20°C to +200°C
- Temporary: +250°C
- Colour: transparent

HHS 2000
500 ml
Art. no. 0893 106

HHS Grease
400 ml
Art. no. 0893 106 7
Perfect zinc spray  
Art. no. 0893 114 114

- Outstanding long-term protection and optimum metal surface appearance  
- High degree of resistance to running  
- High degree of abrasion resistance  
- Tested protection against corrosion in accordance with DIN:  
  - Perfect zinc spray, light: 250 hours  
  - Perfect zinc spray: 500 hours  
  - Can be used for repairs in accordance with DIN EN ISO 1461  
- Can be used for spot welding

Rust-stop primer  
Art. no. 0893 210 1

- Versatile, satin-finished thick-coat spray paint with excellent coverage and anti-rust properties.  
- Protection against corrosion  
- Priming  
- Paint  
- Low-mist, fatigue-free and metered spraying via special valve

Quattro paint spray  
Art. no. 0893 399 005

Paint spray, matte  
Art. no. 0893 329 005

Universal thinner  
Content: 6 l  
Art. no. 0823 440 6

Fe1 liquid metal  
Art. no. 0893 449
Silicone remover
Art. no. 0893 222 600

Zinc cleaner
Art. no. 0893 460 100

Disposable nitrile glove
Art. no. 0899 470...

Colour chart
Art. no. 0705 800 010

Andromeda full-vision goggles
Art. no. 0899 102 110

Paint-spray mask
Art. no. 0899 160

Cleaning paper
Art. no. 0890 800 823

Roller stand
Art. no. 0890 800 606

Crepe tape
Art. no. 0992 625

Pneumatic brush sander
DBS 3500
Art. no. 0703 351 0

Spraymaster
Art. no. 0891 090

Disposable Tyvek suit
Art. no. 0899 020...
ASSEMBLY OF MECHANICAL COMPONENTS

Recoil-free hammer
Art. no. 0715 72 56

Machinist’s hammer
Art. no. 0714 732 405

TX screwdriver assortment with hole
Art. no. 0613 934 87

Combination wrench set, ultra slim
Art. no. 0713 309 50

Circlip pliers set
Art. no. 0714 02 30

Pin punch
Art. no. 0714 63 255

Angled screwdriver set, hexagon socket
Art. no. 0715 40 100

Medium-strength screw locking
Art. no. 0893 243 050

High-temperature lubricating paste
HSP 1400
Art. no. 0893 123

½” and ¼” socket wrench assortment, art. no. 0965 17 56

Pass-through ratchet assortment
Art. no. 0965 13 036

Safety bit set
Art. no. 0614 250 30

• Blade: Circular blade, matte chrome-plated
• Tip: For TX socket screws with security pin, black point
• Content: 7 parts

• Ultra slim jaw type
For comfortable work in hard-to-reach places.
Lateral grinding is no longer necessary in contrast to conventional combination wrenches

• Screw locking and sealing compound in single-handed dispensing system
• Produces medium-strength connection
• Can be removed again using normal tools

DOS system:
• Practical one-handed use thanks to the clever turn lock
  You always have one hand free
• Adjustable dispensing system
  minimises consumption and costs for dispensing adjusted to relevant applications
• No residue material in dispensing neck
  Costs optimised thanks to emptying with virtually no residue
Assembly

Structural adhesive
Bond+Seal
Content: 300 ml
Art. no. 0890 100 3

Bond+Seal Power structural adhesive
Content: 300 ml
Art. no. 0893 235 3

MS Ultra structural adhesive
Content: 290 ml
Art. no. 0893 237 1

Klebfix instant adhesive
Content: 20 g
Art. no. 08930 9

Adhesive for plastic materials
50 ml
Art. no. 0893 500 3

REPLASTeasy Universal plastic adhesive
50 ml
Art. no. 0893 500 4

ESK-50 epoxy resin fast-acting adhesive
50 ml
Art. no. 0893 480

Power mounting tape
Art. no. 0894 909 005

Circlip assortment
Art. no. 0964 438

Cetus® safety goggles
Art. no. 0899 102 320

Craftsman’s glove
Art. no. 0899 400 653

Mechanic’s glove
Art. no. 0899 400 530

Hexagon nut
Art. no. 0317 10

Cheese head screw with hexagon socket
Art. no. 0084 81 20

Hexagon bolt with shank
Art. no. 0053 10 100

The new system cases. Everything in the right place.
The new system world perfectly coordinates consumables, cases, storage and transport – to ensure maximum order in the workplace and on the go.

Heavy-duty, elastic hybrid structural adhesive
Excellent adhesive range and high level of initial strength
Very good adhesion to almost all surfaces
Elastic with low flexibility
Can be painted over
UV-resistant
Non-corrosive
NSF (P1) registered (no. 136996)
Low-odour, VOC- and solvent-free
Isocyanate, PVC and silicone-free

Gluing instead of welding, drilling or riveting
Highly-adhesive, double-sided tape for indoor and outdoor use
Extremely high and long-lasting adhesive strength
Invisible connections possible
2 in 1: Connects and seals in a single step
Very good moisture resistance
ASSEMBLY OF ELECTRICAL COMPONENTS

Self-adhesive base
Art. no. 0502 648

Cable connector, insulated
Art. no. 0558 925 1

Cable ties
Art. no. 050215
Cable ties
Art. no. 0502151

Electrical insulating tape
15 mm x 10 m
Art. no. 0985 101

Wire end ferrule box
type 1 in accordance with
DIN 46228, part 4
Cross-section: 0,5-2,5 mm²
Content: 400 pieces
Art. no. 0557 300

Installation duct
Art. no. 0973 615 15

Top-hat rail
Art. no. 0975 490 101

Stepped twist drill bit
Art. no. 0694 423 639

Stripping pliers
Art. no. 0714 108 10

Crimping pliers
Art. no. 0714 107 100
**Assembly**

**ZEBRA® VDE screwdriver assortment slotted/PH**
Extra slim design: Five-piece: 1x slotted 0.4 x 2.5; 1x slotted 0.8 x 4.0; 1x slotted 1.0 x 5.5; 1x PH1; 1x PH2
Art. no. 0613 963 250

**ZEBRA® VDE side cutters**
DIN ISO5749 IEC60900
2C handle
Art. no. 071401 572

**Cable gland**
Art. no. 0967 705...

**Heat-shrink hose**
Art. no. 0771 750 00

**Multi-Tester Pro II LCD two-pin voltage tester**
For use in electrical installations and servicing work, performing measurements on hybrid and electric vehicles and photovoltaic systems thanks to overvoltage category CAT IV 1000V
Art. no. 050215

**WGLG 100 self-igniting gas soldering unit**
Art. no. 0984 990 100

**Craftsman’s glove Pro**
Art. no. 0899 400 652

**ZEBRA® Contact-pias®**
Art. no. 0214 006 16

**Steel spacer bolt**
Art. no. 0968 410 420

**LIBRA® safety goggles**
Art. no. 0899 102 275
Adhesive lubricant
HHS® Grease
400 ml
Art. no. 0893 106 7

Adhesive lubricant
pre-cleaner HHS Clean
500 ml
Art. no. 0893 106 10

Adhesive lubricant
HHS® 5000
500 ml
Art. no. 0893 106 3

Multi maintenance oil
400 ml
Art. no. 0893 055 40

Rost Off Plus rust remover
300 ml
Art. no. 0890 200

Lubricating grease
WGF 130
1 kg
Art. no. 0893 530

Multi-purpose grease I
400 g
Art. no. 0893 870 1

Long-life grease III
400 g
Art. no. 0890 402

High-temperature lubricating paste HSP 1400
300 ml
Art. no. 0890 402

- Grey, metal-free lubricating paste that reduces wear, reliably separates and provides outstanding corrosion protection.
- For universal use, supple and highly adhesive
- Not harmful to health
- Prevents corrosion, seizing and burning on
- Registered at NSF
- Ideal as separating paste for stainless steel screw connections
- Silicone-free

Adhesive lubricant
HHS® 2000
500 ml
Art. no. 0893 106

- Partly synthetic oil that is extremely resistant to high pressures
- Resistant to high pressures
- Creeping properties
- Highly adhesive
- Good material compatibility
- Resistant to spray water and salt water, weak acids and bases
- Free of silicone, resin and acids
Cotton jersey glove
Art. no. 0899 400 08

Hand-held stapler HT 34
Art. no. 0714 834

Packing tape dispenser
Art. no. 0985 052 005

PVC packing tape
Art. no. 0985 050

Staples for hand-held and hammer staplers
Art. no. 0480 140 008

ASSY 3.0, galvanised steel, full thread countersunk head AW
Art. no. 0170 045 50

Round head screw with square neck
Art. no. 0223 710 60

Type 80 staples
Art. no. 0480 129 10

Two-way pneumatic blowing spray gun
Art. no. 0714 920 2

DYK 416 pneumatic stapler
Art. no. 0703 548 0

Staples for hand-held and hammer staplers
Art. no. 0480 140 008

PU coiled compressed-air hose set
Art. no. 0699 941 116

Brake cleaner
500 ml
Art. no. 0890 108 7
For cleaning and degreasing during maintenance and repair work.

Industry Clean cleaner
500 ml
Art. no. 0890 108 7
High-quality special cleaner for removing adhesive residues of adhesive tapes, labels and stickers as well as stubborn soiling.

Silicone spray
500 ml
Art. no. 0893 221
PTFE dry lubricant spray
300 ml
Art. no. 0893 550

Rolls of Ecoline cleaning paper
3-ply, 38 cm, 1000 sheets
Art. no. 0899 800 823

Rolls of Ecoline cleaning paper
2-ply, 38 cm, 1000 sheets
Art. no. 0899 800 773