



PROFESSIONAL SOLUTIONS

OIL AND GAS

SUPPORTING PRODUCTIVITY.
DRIVING PERFORMANCE.



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1

SAFETY AND WORKWEAR



Safety helmet ENGINEER

Effortless adjustability for a secure, personalized fit that stays in place. With modern styling, superior ventilation, and advanced impact absorption, it ensures ultimate comfort and protection.

Modern Design & Spacious ABS Shell
Sleek, contemporary look without sacrificing crucial protection. The durable ABS shell provides robust impact resistance

Enhanced Ventilation
Strategically placed vents in the shell maximize airflow, reducing heat buildup and keeping the user cool and comfortable, even during intense work

Superior Impact Absorption
Advanced 6-point ratchet suspension system with integrated sweatband creates essential crown clearance, effectively absorbing and distributing impact energy for maximum safety

Effortless Adjustment
The innovative stealth-lock system allows for quick, easy, and user-friendly size adjustments, ensuring a secure and customized fit every time

Secure and Reliable
Includes a durable 2-point chin strap for added security and stability, keeping the helmet firmly in place

- Confirm & marked to EN397:2012+A1:2012

Interior equipment helmet	6-point
EN standard	397
Min. temperature conditions	-30 °C
Material	ABS



Art. No. 089920xxxx

Safety helmet 4-point WVH004

This safety helmet features a secure 4-point interior system, meeting the EN 397 standard for industrial protection, and is crafted from durable materials for long-lasting use.

Modern design
Variety of colors: red, white, yellow, blue, green

Better comfort

- Spacious HDPE Shell
- Shell with vent provides air flow & reduce heat built up
- Easy adjustment and user friendly
- Included 2 points chin strap

Higher safety

- 4 points ratchet suspension/ sweat band provides essential crown clearance to absorb impact energy
- EN standard: 397

1 pc/polybag, 30 pcs/carton

- Conform to: EN397

Interior equipment helmet	4-point
EN standard	397
Min. temperature conditions	0 °C
Material	HDPE/LDPE/PP
Shelf life from production	5 Years



Art. No. 0899213xxxx

Safety goggles DBE2

- Sporty head protection with a modern baseball cap design for any applications with a risk of impact to the head.
- Outer material: 100% cotton
- Hard plastic inner shell
- Foam padding on the shell and built-in ventilation holes for comfort
- Adjustable with riptape fastening
- Built-in sweatband
- Covering washable at up to 30°C



Art. No. 089910xxx

EAR DEFENDERS COMFORT

The earmuffs are ideal for protection against noise arising from a wide range of applications in the workplace and leisure activity

- Modern, attractive low-profile design and lightweight, unique low-profile headband design helps to maintain a constant pressure thus providing confidence in protection
- Large space inside cup helps to reduce the moisture and heat build-up, and provides a comfortable pressure around the ears
- New innovative foam ear cup insert and spacers to help improve attenuation

SNR: 32 dB, NRR: 26 dB



Art. No. 0899300101

Safety glass DBE4

- Optical class: 1
- Sporty and dynamic design
- UV protection and impact-resistant
- Material of safety lens: Polycarbonate
- Mechanical strength: FT, Protection against high speed particles at extremes of temperature
- EN standard: 166

Material of safety lens	Polycarbonate
EN standard	166
Mechanical strength	F (45 m/s) in accordance with EN 166
Product weight (per item)	24 g



Art. No. 0899102026

Folding mask FM 3000 V FFP2 NR D

In a practical design that folds completely flat

Hygienic individual packaging

Exhalation valve ensures the user feels comfortable wearing the mask

Complete protection and comfortable to wear thanks to special, soft filter materials

Minimal breathing resistance

Perfect, sealed fit thanks to:

- Nose clip for optimised fitting
- Half sealing lip in the nose area

Looped-through cotton head strap

Can be combined with Würth safety goggles for optimum protection



Art. No. 0899110523

Split cowhide leather glove

Robust work glove made of split cowhide leather

- Back of the hand made from heavy cotton fabric
- Knuckle protection and fingertips made from split leather
- Rubberised cuffs
- Double seam
- Cotton half-lining
- Good resistance to wear and cuts

Size	10,5 inch
Material	Split cowhide leather
Interior finish	Palm lining
Standards	EN 420
Category	I
Colour	Yellow, Beige



EN 388



Art. No. 0899400105

3.1.4.3.

Protective Glove, Knitted glove

For dry work areas

- 7 gauges recycled yarn knitted
- poly-cotton liner
- Grey color
- Elasticated cuff
- Length: 25cm
- Weight: 50g/pair

Size	9
Gauge	7
Colour	Grey
Category	I



Art. No. 0899404600

Welder glove Pro

Robust welding glove with reinforced palm and thumb strap for universal purpose

- High quality selected cowsplit leather
- Palm and the thumb strap are reinforced for durability
- Full lining consists of soft cotton jersey and cotton drill cuff lining
- All seams are fully welted and sewn with fire retardant thread- aramid fiber
- Conforms to EN ISO 420/EN388/EN407
- EN388 Performance level: 3143X
- EN12477 Type A / EN407 performance level : 413X4X



Art. No. 09843100xxx

Protective glove polyester latex REDSTRIPE

- Durable protective gloves with a polyester liner and latex coating, designed for medium-risk tasks and compliant with EN 388 standards.
- Designed for fine assembly tasks, these gloves offer reliable protection and comply with EN 388 standards.
- The polyester liner provides a skin-friendly, seamless fit for outstanding flexibility during fine assembly work.
- Natural latex coating enhances grip with special surface texturing, ensuring excellent performance in both wet and dry conditions.
- Open backs of hands allow for good breathability, keeping hands comfortable during extended use.

Gauge	10
Material of liner	Polyester
Material of coating	Latex
Standards	EN 388
Category	II



Art. No. 0899405...

RED STRIPE

Flame Retardant 260GSM Cotton Coverall

- Flame Retardant 260GSM Cotton Coverall
- Crafted from 100% flame-retardant cotton, this coverall offers exceptional protection and comfort.
 - The fabric is designed to withstand industrial laundry conditions, ensuring durability and performance over multiple washes.
 - High visibility reflective tapes in dual colors are strategically placed on the shoulders, chest, arms, and knees for enhanced safety.
 - Features a concealed stud front for a sleek appearance and secure closure.
 - Includes two chest patch pockets with concealed single flaps for convenient storage.
 - Additional back pocket and rule pocket provide extra functionality.
 - Reinforced stress points ensure longevity and reliability in demanding environments.
 - Side swing pockets made from self-fabric offer easy access and practicality.
 - Velcro adjusters on sleeve cuffs allow for a customizable fit.
 - Studded neck closure adds an extra layer of security and comfort.



Colour	Red
Material	100% cotton
Fabric weight per m2	260 g
Washable at	60°C
Care instruction	Do not dry in drum dryer, Do not bleach, Do not tumble dry

Art. No. 089912804x

Safety Harness UB103

Extremely lightweight safety harness with maximum comfort

- Features
- Meets or exceeds EN 361 full body harness standards
 - Certification issued by APAVE France
 - Components made of high tensile steel alloy
 - 2 anchorage points
 - High visibility colors of webbing
 - Maximum load capacity 100 kg



Art. No. 0899032923

Safety Shoes S1P

Comfortable work shoes provide ideal protection for your feet while you work
Conforms to EN ISO 20345:2022 S1P

- High Comfort
- Breathable upper made of embossed buffalo split leather
 - Leather thickness: 1.4-1.6mm
 - Oxford collar with sandwich lining
 - Weigh approx. 1300g/pair for size 42
- High Security
- Steel toe cap protects against impact of 200 Joule
 - Steel midsole offers perforation resistance
 - Slip resistance, oil resistance dual-density PU/PU outsole
 - Anti-slip
 - Antistatic
 - Energy absorption at seat region



Art. No. 53570500xx

2

TECHNICAL CHEMICALS



All weather silicone sealant for glazing

One-component, excellent extrusion rate, non-sag, easy to apply

Weather resistance, good durability, non-powdering and cracking outdoor

Medium/high modulus, high movement-resistance

- Weatherproof sealing of glass curtain wall, stone curtain wall (marble, granite), aluminum curtain wall and metal curtain wall.
- Perimeter joints and other architectural and industrial sealing.

Max. processing temperature	40 °C
Chemical basis	Silicone

Colors: White, Black, Concrete Grey, Silver Grey, Beige, Beige brown, sepia brown, Basalt Grey

Special colors: upon request



Art. No. 0892538xxx

Window adhesive Classic Plus

Elastic 1-component window adhesive with excellent stability

High-modulus

For all popular vehicle types in passenger vehicle, commercial vehicle, bus, truck, agricultural and construction machine sectors

Antenna compatible, non-conductive

Prevents contact corrosion

Suitable for use on aluminium-magnesium and hybrid bodywork (e. g. Audi A8, Jaguar XJ etc.)

Tested safety

Drive-away time confirmed with crash test and TÜV certificate in accordance with FMVSS208/212!

Meets requirements of original equipment manufacturers (vehicle manufacturers)



Art. No. 0890023706

Bond + Seal structural adhesive

Elastic PU adhesive and sealant for a wide range of applications

For universal use: Outstanding adhesive strength on a wide range of materials and surfaces

Approved for use with foodstuffs (ISEGA certificate)

- Harmless to humans in its hardened state
- Suitable for bonding and sealing in food processing plants

Highly elastic

- Can be used for joining different materials and materials of the same type
- Compensates different material expansions
- Dampens vibrations and noise

Long skin formation time

- Allows complex components to be bonded and sealed
- Also ideal for large surfaces
- Joint parts can be repositioned

Following skin formation, it can be mechanically machined and painted over without previous surface activation - perform preliminary tests to check paint compatibility

Non-corrosive - reliably prevents corrosion of metals

Low odour

Silicone free

Colors: Black, Grey, Sand beige, White



Art. No. 089010012x

Weather resistance PU sealant for construction

Superior weather resistance and specially engineered for high moving joints such as window frames or expansion joints in construction

Weather resistance, good durability, non powdering and cracking. One-component, excellent extrusion, non-sag, easy construction. Low modulus: accommodate more movement. Recovers its shape just as fast, being ideal for high-moving gaps caused by expansion



Art. No. 0890025610

Silicone acetate Sanitary purpose

Connection and expansion joints in tiled, bathroom and sanitary areas.

Good adhesion without primer

For example, tiles, glazed ceramic tiles, enamel, polycarbonate glass

Resistant to ageing, weathering and UV-radiation

Fungus-inhibiting

Resistant to commercially available household cleaners and disinfectants

Compatible with most paints

No tacky surfaces

Smooths very well



Art. No. 089231xxx

Fire protection sealant FP Graphite

A high-performance, fire protection sealant based on graphite, for fire rated sealing of cables and combustible pipes.

- Fire resistance classes up to EI 240 U/U
- Sealing plastic pipes with diameter up to 110 mm
- Excellent soundproofing
- Minimal levels of hazardous substances are released
- Halogen-free
- Extremely easy to use
- Fast curing time



Art. No. 0893301019

B3 PU foam with good bond strength

Moisture curing PU foams in a pressurized canister. Excellent adhesion to most substrates, and good thermal and acoustic insulation characteristics, Multi-purpose gap-filling, sealing, bonding and insulating, environment friendly, CFC free, HCFC free.

Würth B3 PU foam is a one-component, ready to use multi-purpose Polyurethane foam. It is fitted with a plastic adaptor head for use with a foam application gun or a straw. Würth B3 PU foam is especially suitable for applications in the construction sector in insulation and installation, also suitable for installation, sound insulation, thermal insulation, high insulation, sealing, moisture-proof, dust-proof, gas isolation, filling structural vacancies, engineering holes and various cracks, etc



Art. No. 0892149751

Dual cartridge gun for 585 ml 3:1

Material	Stainless steel/plastic
Product weight (per item)	585 g



Art. No. 0891003110

Brake cleaner

For cleaning and degreasing during maintenance and repair on vehicles, disc and drum brakes, engine and gearbox housings

Universal and effective

- Powerful formula effortlessly removes soot, brake dust, grease and oily contamination
- Quickly flashes off without leaving residue, ideal for thorough cleaning without rework

Gentle on materials

- Acetone-free formula for good material compatibility with paints, plastics, seals and rubber

Chemical basis	Naphtha
Shelf life from production	24 Month



Art. No. 0890108xxx

Caulking gun up to 300 ml 14:1

Robust sausage pack applicator gun can be converted for cartridges of different sizes and thicknesses

- Transmission ratio 14:1
- Immediate power transmission to the push rod possible
- Easy to clean
- By simply unscrewing the blue pack piston, also suitable for processing 290 to 310 ml cartridges



Art. No. 0891400610

Multi-purpose lubricant Ultra 2040

Lubricant, penetrating and water displacing agent

- Loosens seized and rusted parts
- With PTFE and 360° valve
- Silicone-free
- Removes moisture from electrical systems
- Strong water displacement effect



Art. No. 0890085500

Lubricating oil Multi WS6

Min./max. temperature conditions	5 to 40 °C
Shelf life from production	36 Month



Art. No. 0893086400

Contact spray

Quickly and reliably eliminates ignition problems.
For use as a preventative measure against ignition problems caused by moisture in vehicles and other low-voltage ignition systems.

Contents	300 ml
Colour	Light yellow
Smell/fragrance	Characteristic
Shelf life from production	24 Month
Chemical basis	Mineral oil



Art. No. 0890100

PTFE thread-sealing tape

Used to seal thread connections

Resistant to all aggressive media

Does not stick or swell

Therefore prevents seizing of the thread

Alignment of the thread connection, which includes limited turn-back, is permissible

Material	Polytetrafluoroethylene
Width	12 mm



Art. No. 0985030012

Zinc spray

Long-term protection and repair of metallic surfaces

Excellent corrosion protection

- The metal is actively protected, even with minor damage
- Over 100 hours of salt-spray resistance (DIN 50021 SS)

Excellent adhesive properties on bare metal

Excellent spot welding properties



Art. No. 0893114112

Battery terminal grease

Adhesive, water-resistant red paste provides long-term protection against oxidation for battery terminals and terminals.

- Easy to convey
- Water-repellent
- Application temperature: -30 °C to +60 °C
- Dielectric



Art. No. 08901041

Rust remover Rost-Off

High-quality rust remover
High capillary activity
Optimum rust removal
Excellent water displacement
Corrosion protection additives for optimum corrosion protection
Resin- and acid-free
Silicone-free
Compatible with rubber and seals



Art. No. 0890200004

3

POWER TOOLS



Chipping hammer MH 11-XE

Powerful and anti-vibration 11-kg chipping hammer with SDS-max drive arbor.

Adjustable impact power

Impact power can be reduced or increased by simply turning the electronic adjusting wheel.

Low-fatigue work

The 12 lockable chisel settings allow adjustment to any working angle.

Rapid drilling progress and extremely smooth running

The anti-vibration system protects the user's joints. Shorter drilling times with high impact power.

Indication of malfunctions

The service LED indicates malfunctions and an imminent carbon brush replacement.

Nominal voltage	230 V/AC
Frequency	50 Hz
Protection class	Protection class II/protective insulation
Power input	1700 W
Power output	920 W
Min./max. impact rate	900-1700 rpm
Tool holding device	Suitable for SDS-max
Max. impact energy	23 J
Impact energy	23 J
Removal performance	1100 kg/h
Length x height	680 x 240 mm
Adjustable chisel position	12-fold; 30°
Weight of machine	11.4 kg
Cable length	4 m



Art. No. 0664130761

Cordless drill driver ABS 18 POWER M-CUBE

Very powerful, handy cordless drill driver specially designed for hard use on construction sites with a torque of 140 Nm

- Continuous monitoring and early shut-off of the motor in the event of blockage, overload and overheating
- Efficient, low-maintenance and brushless EC motor with long service life
- Integrated LED lights for direct illumination of the working area
- The robust design ensures that all components are designed for heavy-duty use on construction sites and can withstand a fall from normal working heights.
- 13 mm metal drill chuck with soldered carbide clamping jaws for maximum service life and low wear. The extra-tough clamping jaws tightly grip the shank of the drill bit
- Electronic signal switch for precise and comfortable working

Nominal voltage	18 V/DC
Idle speed 1st/2nd gear min./max.	0-550/0-2000 rpm
Max. torque hard/soft	140/60 Nm
Min./max. drill chuck span width	1.5-13 mm
Drill chuck holder	1/2 inch x 20 UNF
Max. drilling diameter in steel	13 mm
Max. drilling diameter in aluminium	13 mm
Max. recommended drilling diameter in metal	13 mm
Max. screw diameter	12 mm
Length	205 mm
Height	260 mm
Weight of machine with rechargeable battery	2.2 kg



M-CUBE
BATTERY-SYSTEM

Art. No. 5701404000

Pneumatic hose reel DSA-S

Practical safety hose winder with high-quality polyurethane hose for order and safety in the workplace

- Safe and comfortable working
- The hose is guided from left to right while being wound up, preventing knots
- The brake function minimises the risk of the hose being flung around in an uncontrolled manner if it is inadvertently released
- The robust, enclosed plastic housing protects the hose and the rolling mechanism from dust and other contaminants
- High resistance to kinking with an extremely low weight as well as resistance to oils and solvents
- Excellent behaviour in low and high temperature ranges
- High-quality polyurethane (PUR) hose
- High flow capacity hose, plus innovative connection valve on the winder
- No drop in pressure for increased efficiency and lower costs
- Can be mounted on the wall, ceiling or floor as the mounting bracket ensures secure attachment to flat surfaces
- The hose can be replaced without having to open the housing



Art. No. 069908018

Pneumatic grinder DSW 22

Long-life, handy rod grinder, angled design, with tool-free speed control and rubberised handle to protect against vibrations and cold hands.

- Rubberised grip keeps hands warm and comfortable during use
- Reduced fatigue due to the lightweight, compact design and low vibrations
- The rotatable compressed air coupling enables greater freedom of movement without twisting the hose
- Comfortable to use over long periods



Art. No. 0703231014

Pneumatic impact screwdriver DSS 1 inch P

Extremely rugged, powerful impact screwdriver with fast build-up of torque. Ideal for tough applications, such as service work on trucks and buses, construction and agricultural machinery, and for industrial service and repair work.

- The robust aluminium housing ensures a well-balanced device with optimal weight distribution
- Very practical and easy to use, extremely durable and almost vibration-free for comfortable working even over extended periods
- The rubberised, ergonomically shaped handle and 360° rotatable additional handle ensure optimum control and comfortable working in any position
- User-friendly right/left changeover and an adjustable trigger enable precise and comfortable operation
- High-performance pin impact mechanism in oil-lubricated system with robust, six-vane motor for maximum performance and a long service life



Art. No. 07037750

Pneumatic angle grinder DWS 115 plus

Powerful, handy machine for sanding, cutting and roughing work.

- The plastic housing prevents cold hands and ensures comfortable working
- Ensures effortless and comfortable working
- Compact design and low-vibration construction
- The integrated spindle stop enables quick and easy disc changes
- The rear exhaust outlet directs the air away from the working area to prevent exhaust air in the working area
- Keyless adjustment of the protective cover



Art. No. 07038550

4

MACHINING



Cutting disc for stainless steel SPEED

Our cutting disc with a long service life and maximum cutting performance

- Faster and more effective due to very short cutting times
- Very thin for precise and almost burr-free cuts
- The very thin design also ensures very clean and cool cutting surfaces
- High protection against breakage
- The low effort required ensures comfortable working and is gentle on the user and the power tool
- ZEBRA quality for particularly high demands

Versatility	●●○○
Service life	●●●○
Cutting ability (point system)	●●●●
Handling/user-friendliness (point system)	●●●○
Cut quality (point system)	●●●○
Design	Straight
Max. circumferential speed	80 m/s
Material to be processed	Stainless steel
Color Coding System	Stainless steel



Art. No. 0664130761



Cutting disc for steel

- The robust cutting disc with high performance values
- Optimum cutting capacity with long service life
- High break resistance
- Meets maximum safety requirements
- Meets the maximum safety requirements in accordance with the EN 12413 European standard



Art. No. 0669201150

Diamond cup wheel segmented constr. site REDSTRIP

Performance focused Diamond Cup Wheel for fast grinding for nearly all concrete and stone materials.

- Precision balanced for less vibration
- Good dust extraction thanks to large openings in the carrier
- Fast material removal thanks to double row segmented type

EN 13236

Segment height	5 mm
Bore hole	22.23 mm
Max. circumferential speed	80 m/s



RED STRIP

Art. No. 0668124180

Grinding disc For steel

Synthetic resin-bonded, fibre-reinforced standard rough grinding disc with very good performance values.

- Design: Cranked
- Material to be processed: Steel, Metal
- Max. circumferential speed: 80 m/s



Art. No. 066976xxx



Hack saw blade Carbon steel

Designed to perform under the toughest conditions

Aggressive cutting teeth geometry

Quick and precise cut

Good wear resistance and high flexibility

Delivers the longest possible wear life

Application

For cutting soft metal e.g.copper, brass and aluminum, wood and plastic

Min. material thickness	2 mm
Teeth per unit of length	24 PCS/Inch
Length (L)	300 mm
Width (B)	12.5 mm
Thickness (H)	0.63 mm



Art. No. 0603300300

RED STRIPE

4-Cutter plus hammer drill bits

- Plus shaft
- No hooking in and running off center
- 20% bigger carbide shoulder
- 4 cutter geometry with centering tip
- 4 flute design
- Bigger dust extraction area
- Optimum guidance in drilled hole

Number of cutting edges	4 PCS
Number of spirals	4 PCS
Tool holding device	Suitable for SDS-plus



Art. No. 064879xxx

Multiblade jigsaw blade

High-performance saw blade for high cutting capacity and a long service life - for materials of various thicknesses

- Working length: 105 mm
- Min./max. material thickness: 0-70 mm
- Min./max teeth spacing: 2.4-5 mm
- Especially suitable for: Timber with nails, Thin sheet metals, Thick metal sheets
- Suitable for: Hardwood, softwood, Fibreboard, Aluminium, Non-ferrous heavy metal, PVC
- Jigsaw-blade connection type: T shank
- Length: 132 mm



Art. No. 0608116345

Twist drill bit HSS DIN 338 type RN 130°

Precision steel drill bit for general, broad applications in steel up to 1,000 N/mm² and in cast iron.

20 % lower infeed force compared to conventional drill bits as well as quicker work progress and more effortless working

Optimised cross web thinning

Precise spot drilling without centring, even on curved surfaces

Optimised split point

Ideal for core holes

Very precise point geometry for precise drill holes

Excellent adhesive properties of cooling lubricants and reduced buildup of material deposits

Vapour-plated surface

Product packaging made from 100 % PCR (recycled plastic from household waste) and 100 % recyclable



Art. No. 0624000xxx

HSS AlTiN SMART STEP stepped twist drill bit

The high-performance stepped drill bit with unique SMART STEP technology, innovative rake between the individual step transitions and AlTiN coating for extremely fast, comfortable and long-lasting use in all common materials with a material thickness of up to 3.5 mm.

- Shaft length: 24 mm
- Shank style: 3-face shank
- Surface: AlTiN
- Type description: HSS AlCrN SMART STEP
- Material to be processed: Steel, Cast metal, Stainless steel, Non-ferrous metal, Plastic, Wood



Art. No. 0694451xxx

Longlife & Speed HSSCo8 bimetal cylinder saw

Developed for steel and stainless steel: Extremely high drilling speed and long service life even in solid stainless steel

- Newly developed tooth shape for extremely fast sawing with minimal effort
- The robust base plate with additional threads ensures high concentricity and side stroke accuracy
- Very quiet and low-vibration operation to a cutting depth of 38 mm
- The combi-vario toothing made from M42 bimetal (8 % cobalt) ensures a long service life and reliable cutting capacity

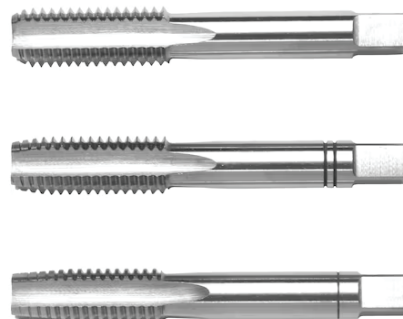


Art. No. 0632900xxx

Hand tap set HSS, DIN 352 3 pieces

Consisting of a taper tap (form A), a second tap (form D) and third tap (form C) for producing metric ISO standard threads by hand in accordance with DIN 13 in through holes and blind holes in the steel, non-ferrous metals and cast iron material groups up to a strength of 800 N/mm²

- Number of pieces in assortment/set: 3 PCS
- Type description: Hand tap set
- Standards: DIN 352
- Material: HSS



Art. No. 0639xx

Vehicle dry sandpaper disc Arizona® Perfect

For sanding old paint, fillers, filler compounds, plastics, factory primers on new parts and matting of paintwork.

- Form: Washer
- Diameter: 150 mm
- Hole pattern: Multiple perforations
- Adhesive system: Hook and loop
- Material of abrasive medium: Aluminium oxide



Art. No. 55063530xx

5

ANCHORS



Fixanchor W-FAZ PRO/A4

High-performance stud anchors for highest loads in cracked and non-cracked concrete, stainless steel, A4

Highest load values at low spacing and edge clearances

Extra-large effective anchorage depths maximise the already high load values per anchor

Quick installation with fewer reinforcement hits

Extra-small effective anchorage depths minimise the drilling and setting time

Economical and flexible application

Freely selectable embedment depth allows optimum utilisation of the anchors depending on the embedment depth and application

Minimum edge distance and spacing

Allows for near-edge fixings, small anchor plates and installation in thin concrete parts

For earthquake-proof construction

High performance under seismic action, earthquake performance categories C1 and C2



Art. No. 5930412065

Plastic frame anchor W-IFRC 8 stainless steel A4

Anchor diameter	8 mm
Nominal drill-bit diameter (d 0)	8 mm
Through-hole in the component to be connected (d f)	9 mm
Fire resistance rating	R90
Material of screw	Stainless steel A4
Surface of the screw	Plain
Type description	W-IFR8 stainless steel A4 CSK Head



Art. No. 5912100xxx

Fixanchor W-FAZ/A4

Stud anchor for high loads in cracked and non-cracked concrete. A4 stainless steel

- Material: Stainless steel A4
- Approval: ETA-99/0011
- High working loads, small axis and edge distances
- Immediate load-bearing capacity - no waiting
- Time-saving in-place installation
- Torque-controlled expansion anchor made of stainless steel A4



Art. No. 59284xxx

W-VD-A anchor rod A4 stainless steel

For W-VPZ and W-VD bonded anchor capsule systems and WIT injection systems in concrete

- Type description: W-VD-A/A4
- Property class: 70
- Material: Stainless steel A4
- Surface: Plain



Art. No. 59152xxxx

2C plastic multi-purpose anchor Shark TWIST

The simple, innovative multi-purpose anchor combines flexibility and ease of installation with an eight-way knot

- 1 fixing. 8 knots.
- Universal application
- High level of reliability
- Durability and resistance
- Wide range of fastening options



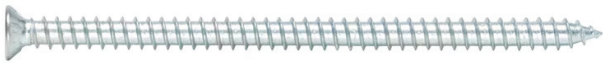
Art. No. 590680xxx

AMO III type 1 stand-off installation screw

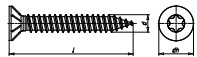
For fastening windows in concrete and solid block masonry. With countersunk milling head for easy sinking in wood and plastic profiles. Steel zinc-plated, blue passivated, RW 30 drive

- Short installation times, no setting tool or anchor required
- RW recess for longer bit service life and improved power transmission
- In-place installation
- Virtually no expansion forces during installation
- Positive-locking, removable anchorage with no expansion pressure
- Load-bearing capacity is retained even under thermal stress
- Tested fire resistance rating of 120 minutes

Thread diameter (d)	7.5 mm
Material	Steel
Surface	Zinc plated
Head type	Countersunk milling head
Head diameter (d(h/k))	12 mm
Internal drive	RW30
Thread type	Dowel screw thread
Shape of tip	Tip



Art. No. 0234730xxx



Drive-in anchor WSL-ED

Female thread anchor with metric thread for anchoring in concrete. Galvanised steel in sizes M6-M16

- Small drill hole depth
- High load-bearing capacities
- Quicker and easier installation
- Immediate load-bearing capacity – no need to wait
- Attached part can easily be removed at any time
- The attached part can be anchored with a fastening screw or a threaded rod



Art. No. 59328xxxx

Concrete screw with hexagon head W-BS/S

The zinc plated steel design impresses with its very high load capacities and efficient installation, and is ideal for fastening metal structures.

- For anchorage in concrete and masonry
- Extremely flexible application thanks to up to three effective anchorage depths (size 6-14)
- Fastening can be adjusted up to two times after installation (size 6-14), for example in order to align railings or anchor plates (please refer to the installation instructions)
- Very high loads
- Very low spacing and edge distances thanks to very low expansion effect
- Very fast and easy installation and immediate load-bearing capacity



Art. No. 592912xxx

Drive-in anchor WSL-ED w. collar

Female thread anchor with collar and metric thread for economical anchoring in concrete, zinc plated steel

High Performance

- Small drill hole depth
- High load-bearing capacities
- Immediate load-bearing capacity – no waiting

Easy installation

- Visual setting check and hand protection when installing with the marking/spreading tool.
- Mechanical setting tool makes installation quicker and easier.
- Attached part can easily be removed at any time
- The attached part can be anchored with a fastening screw or a threaded rod
- No installation torque required



Art. No. 59328xxxx

Chemical injection mortar WIT-PE 510

Standard pure epoxy mortar with a long working time and for large effective anchorage depth - ideal for bonded anchors as well as for post-installed rebar connections in concrete

- Two-component resin mortar, pure epoxy, styrene-free
- Individual fixing point in cracked and uncracked concrete (M8 to M30)

Can be used with the following anchor rods: W-VI-A, W-VD-A, conventional threaded rods with inspection certificate 3.1 in accordance with EN 10204

- Post-installed rebar connection
- The cartridge can continue to be used until the expiry date by replacing the mixing nozzle or resealing with the sealing cap
- Anchoring of threaded rods in natural stone (without approval/assessment)

Container	Cartridge
Contents	585 ml
Suitable application gun	HandyMax 585 ml, Application gun MULTI, Pneumatic application gun 585ml, Battery-powered application gun 585ml
Min./max. processing temperature/conditions	5 to 40 °C/temperature in the anchorage ground during processing and hardening
Min./max. ambient temperature/Conditions	-40 to 70 °C/after completely curing process
Temperature resistance, long-term temperatures max.	43 °C
Temperature resistance, short-term temperatures max.	70 °C
Shelf life from production/conditions	24 Month/cool and dry storage area, 5°C to 25°C
Approval	ETA-20/1037, ETA-20/1038
Chemical basis	Pure-Epoxy, styrene free
Colour	Grey

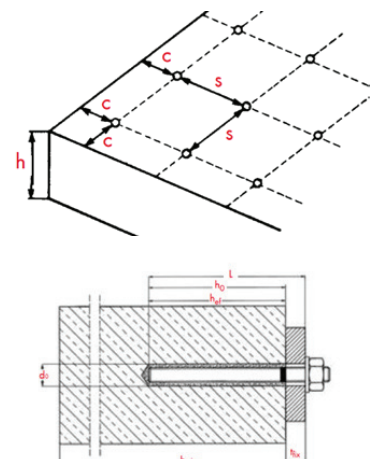


Art. No. 5918615585

Chemical injection mortar WIT-PE 1000

Pure epoxy mortar with long working time, ideal for large embedment depths and drill holes as well as high temperatures, suitable for bonded anchors, concrete and post-installed rebar connections (REBAR).

- 2-component resin mortar, pure epoxy
- Individual fixing point in cracked and uncracked concrete, seismic performance category C1 (M8 to M30) and C2 (M12 to M30): Anchor rod W-VI-A, anchor rod W-VD-A, standard threaded rod with acceptance test certificate 3.1, internal thread anchor W-VI-IG
- Areas subject to the German Federal Water Act WHG: Würth WIT-PE 1000 injection system (bonded anchor), anchorage in coated concrete surfaces in SFH facilities
- Post-installed rebar connection
- Anchoring of threaded rods in natural stone (without approval/assessment)
- Anchoring in the asphalt: WIT-PE 1000 and tarmac fixing bolt W-SA A-IG (without approval/assessment)



Art. No. 5918605585

Chemical injection mortar Concrete Multi WIT-UH 300

High-performance mortar for concrete and post-installed rebar connection with subsequent mortaring (REBAR).

- Type description: WIT-UH 300
- Min./max. processing temperature /conditions: -5 to 40 °C / temperature in the anchorage ground during processing and hardening
- Min./max. ambient temperature / Conditions: -40 to 160 °C / after completely curing process
- Temperature resistance, long-term temperatures max.: 100 °C
- Temperature resistance, short-term temperatures max.: 160 °C
- Shelf life from production/conditions: 18 Month / cool and dry storage area, 5°C to 25°C
- Approval: ETA-17/0036, ETA-17/0127
- Chemical basis: Two-component resin
- Colour: Grey



Art. No. 5918500420

DIN 976-1 shape A

Female thread anchor with collar and metric thread for economical anchoring in concrete, zinc plated steel

High Performance

- Small drill hole depth
- High load-bearing capacities
- Immediate load-bearing capacity – no waiting

Easy installation

- Visual setting check and hand protection when installing with the marking/spreading tool.
- Mechanical setting tool makes installation quicker and easier.
- Attached part can easily be removed at any time
- The attached part can be anchored with a fastening screw or a threaded rod
- No installation torque required



Art. No. 59328xxxx	steel 4.8 zinc plated
Art. No. 0959700xx	steel 8.8 hot-dip
Art. No. 095310	stainless steel A2 plain
Art. No. 09585xxxx	steel 8.8 zinc plated
Art. No. 0953xxxx	stainless steel A4 plain

Bonded anchor glass capsule W-VPZ

Pre-assembled mortar cartridge for compound anchor W-VPZ (cracked and uncracked concrete). Can be used even in extremely low and high temperatures

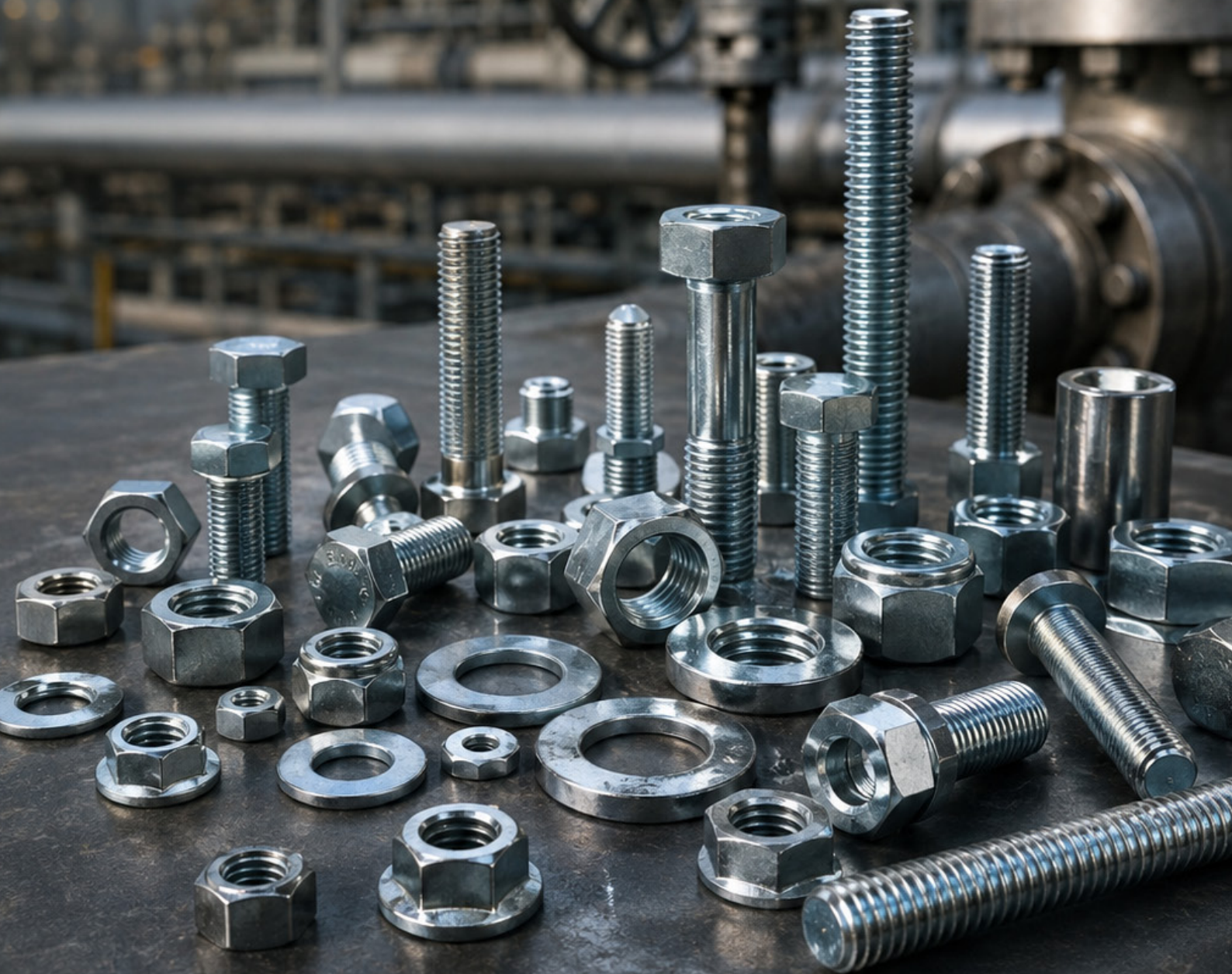
- Approval: ETA-21/0168
- Min./max. processing temperature: -15 to +40 °C
- Shelf life from production/conditions: 36 Month / cool and dry storage area, 5°C to 25°C



Art. No. 59155xxxxx

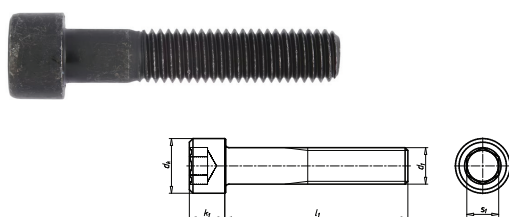
6

FASTENERS



ISO 4762/DIN 912 steel 12.9 plain

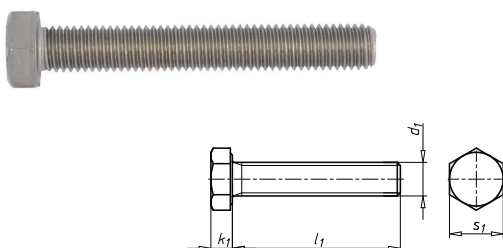
Material	Steel
Surface	Plain
Property class	12.9
RoHS-compliant	Yes
Corrosion protection period (3)	0 h



Art. No. 0083xxx

ISO 4017 stainless steel A4 70 plain

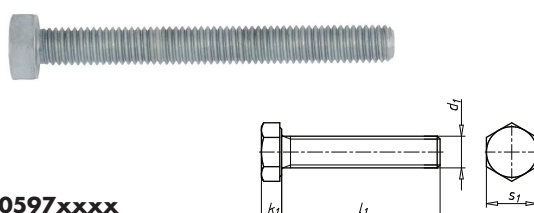
Standards	DIN 933
Material	Stainless steel A4
Property class	80
Surface	Plain
RoHS-compliant	Yes



Art. No. 00910xxx

DIN 933, steel 8.8U, hot-dip galvanised (hdg)

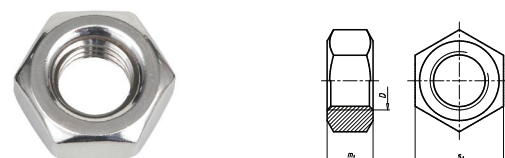
Standards	DIN 933
Material	Steel
Property class	8.8U
Surface	Hot dip galvanized
Head type	Hexagon head
Drive type	Outer hexagon
Thread type	Metric thread
Thread form	Standard metric thread
Thread design	Full thread
RoHS-compliant	Yes



Art. No. 00597xxxx

DIN 934 stainless steel A4 70 plain

Standards	DIN 934
Material	Stainless steel A4
Property class	70
Surface	Plain
RoHS-compliant	Yes

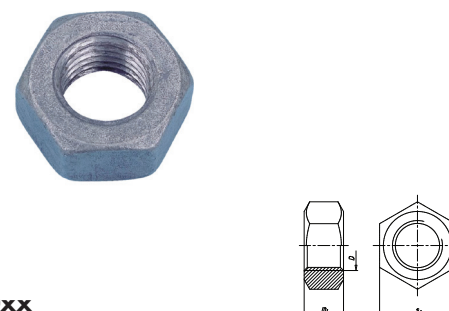


Art. No. 0326xxx



DIN 934, steel I81, hot-dip galvanised (hdg)

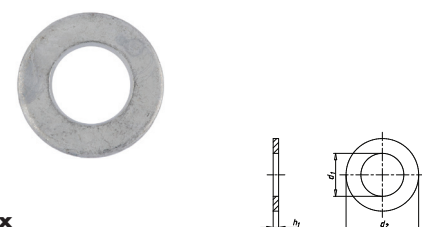
Standards	DIN 934
Material	Steel
Property class	I81
Surface	Hot dip galvanized
RoHS-compliant	Yes



Art. No. 0317000xx

DIN 125, hot-dip galvanised steel

Form	A
Standards	DIN 125
Material	Steel
Vickers hardness, HV	140 HV
Surface	Hot dip galvanized
RoHS-compliant	Yes



Art. No. 0407000xx

7

ELECTRICAL INSTALLATION



Insulating tape electrical PVC for multi-purpose

Widely used in a variety of insulating tape applications, and has a UL 510 fire rating.

Flame retardant (UL 510)Heat and cold resistance Excellent
adhesion Good dielectrical performance

Chemical basis	Polyvinyl chloride
Width	18 mm
Length	10 m
Thickness	0.13 mm



Art. No. 098518100x

Tool case 32 pieces in system case 8.4.2.

Especially suitable for electric and hybrid vehicles.

- Case containing a wide range of the most important VDE tools and accessories
- Suitable for vehicles from any manufacturer

Length x width x height	500 x 380 x 140 mm
Number of pieces in assortment/set	32 PCS



ORSY



Art. No. 0771100119

Polyester fabric adhesive tape

For bundling and bandaging cable harnesses, especially where high temperatures can occur (e.g. in the engine compartment)

- Abrasion and tear resistant
- PVC-compatible

Width	19 mm
Thickness	270 µm
Min./max. temperature resistance	-40 to 150 °C
Length	25 m
Colour	Black
Min. longitudinal resistance to tearing	200 N/cm
Elongation at break	30 %
Backing material	Polyester
Adhesive base	Acrylate

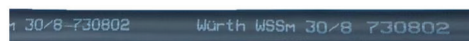


Art. No. 0771100119

Heat shrink hose, medium-walled

- Inside coated with hot-melt adhesive
- Good physical, chemical and thermal properties

Length	1000 mm
Dielectric strength	20 kV/mm
Min./max. temperature conditions	-55 to 110 °C
Min. shrinkage temperature	120 °C
Min./max. elongation (after shrinking in %)	0-10 %
Ultraviolet resistance	Yes
Material	Polyolefin
Halogen-free	Yes
Colour	Black



Art. No. 097530510x

Electrical installation

Crimp cable lug, narrow fork shape polyamide insulated

- The widened insulating sleeve also accommodates harmonised cables with thicker core insulation, allowing them to be processed quickly and easily.
- "Easy entry" for quick, simple, reliable cable insertion.
- High-quality polyamide for reliability even with changing loads and temperature variation.



Art. No. 0967403154

Solder cable lug DIN 46211

Material	Brass
Surface	Tin plated



Art. No. 055792..

Crimp cable lug, push connector including blade connector PVC-insulated

For fine and superfine stranded copper conductors



Art. No. 05589421

O-ring assembly set 8 pieces Sysko

Round cord diameter: 1.6 mm, 2.4 mm, 3 mm, 5.7 mm, 8.4 mm, NBR 70

- Round cord diameter: 1.6 mm, 2.4 mm, 3 mm, 5.7 mm, 8.4 mm, NBR 70
- For the quick and easy manufacture of O-rings
- NBR is a chemical designation: Nitrile butadiene rubber (brands, e.g. Europrene®, Krynac®, Nipol®, Perbunan®, Breon®)
- Temperature resistance: -30 °C to +100 °C
- Media resistance: Oil, petrol, grease, aliphatic hydrocarbons (propane, butane, mineral oils), diluted acids and alkalis

Material	NBR (Nitrile Butadiene Rubber)
Colour	Black
System dimensions	4.4.1
Number of pieces in assortment/set	8 PCS
Product weight (per item)	1807.1 g
RoHS-compliant	Yes



Art. No. 5964046806





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