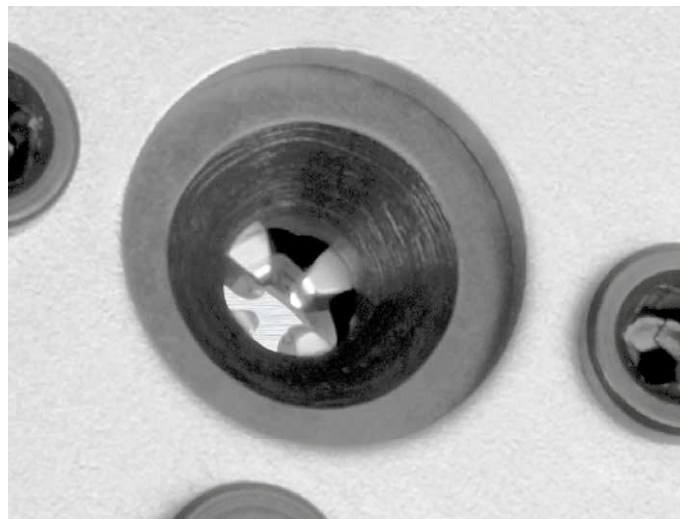


Quality tools for cable assembly

Assortment catalogue



RENNSTEIG – Company

RENNSTEIG takes its name from the eponymous 'Rennsteig', one of eastern Germany's most beautiful hill walking routes. Our company is based in the south of Thuringia, a region with a centuries-old tradition of tool manufacturing.

The link between tools for professionals and the hiking route was forged in 1959, with Rennsteig completing all production in-house, from the idea to the final product.

Since 1991, RENNSTEIG has operated as an independent subsidiary of the prestigious KNIPEX-Werk C. Gustav Putsch KG in Wuppertal.

Our company was originally located in Altersbach. As the company grew, our head office then moved to Viernau. Both sites saw significant expansion as part of this relocation. Today, the districts of Altersbach and Viernau are part of the town of Steinbach-Hallenberg.



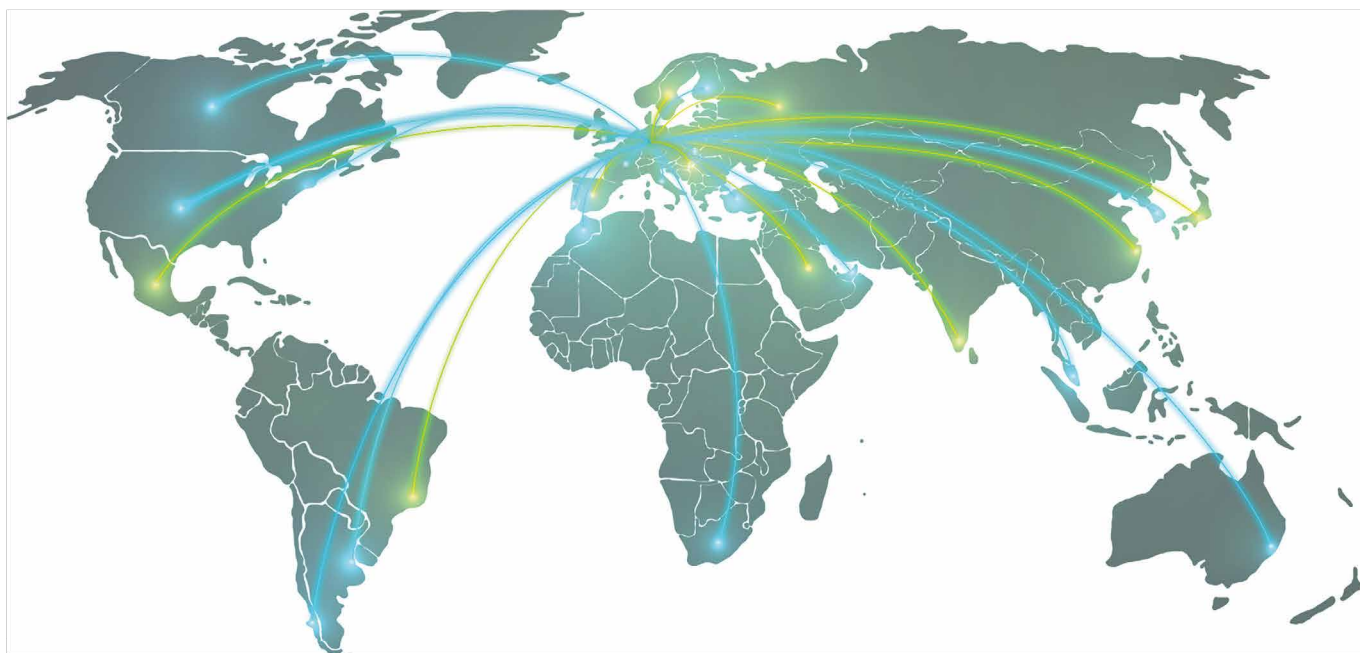
RENNSTEIG – Worldwide

Although we have deep roots in Thuringia, we also have an international focus. Thanks to our global network of dealers and close collaboration with the KNIPEX Group, we can provide local, on-site support for our international customers.

In the USA, we operate a wholly owned subsidiary, RENNSTEIG Tools, Inc., which lets us provide rapid and reliable services to our Stateside customers.

We expand and optimise our broad range of branded tools on a regular basis. Our exceptional flexibility in production has also enabled us to specialise in the creation of private-label goods for specific customers.

Our business partners value our ability to innovate and our technical expertise. If required, we can work closely with them to produce special, customer-specific tools. Wherever in the world our goods are sold, in-depth service from RENNSTEIG experts is always at hand.



RENNSTEIG – Innovation and the future

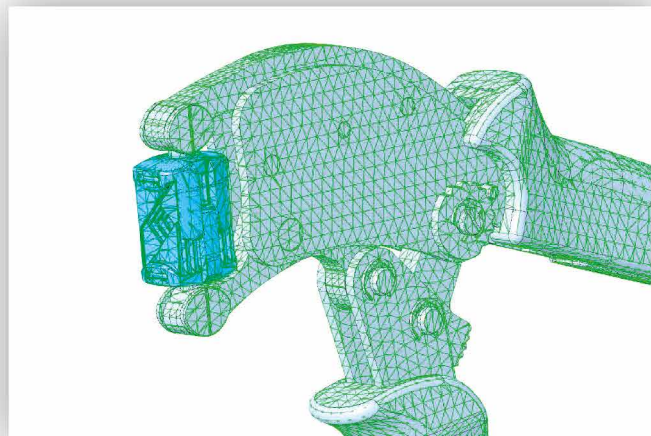
New technologies and manufacturing methods are used to turn high-quality materials into pro-quality tools.

Our in-house development unit lets us produce a wide range of new and improved products. As one example, we are the only approved supplier of special crimping tools for aluminum cabling in aircraft.

A large library of patents – not restricted solely to German territory – document the innovative strengths of our company. This also means that customer-specific special tools can be developed and built for a wide variety of applications.

In industry circles, the company enjoys an excellent reputation and is also considered one of the most prestigious tool manufacturers anywhere in the world.

Our employees approach questions of quality with both dedication and commitment, and are a crucial factor for success in developing and improving TOOLS BY RENNSTEIG within international markets.



People at RENNSTEIG

Around 375 employees are currently responsible for applying ingenuity, passion and attention to detail in implementing customer projects in the industries we serve to achieve professional and innovative results.

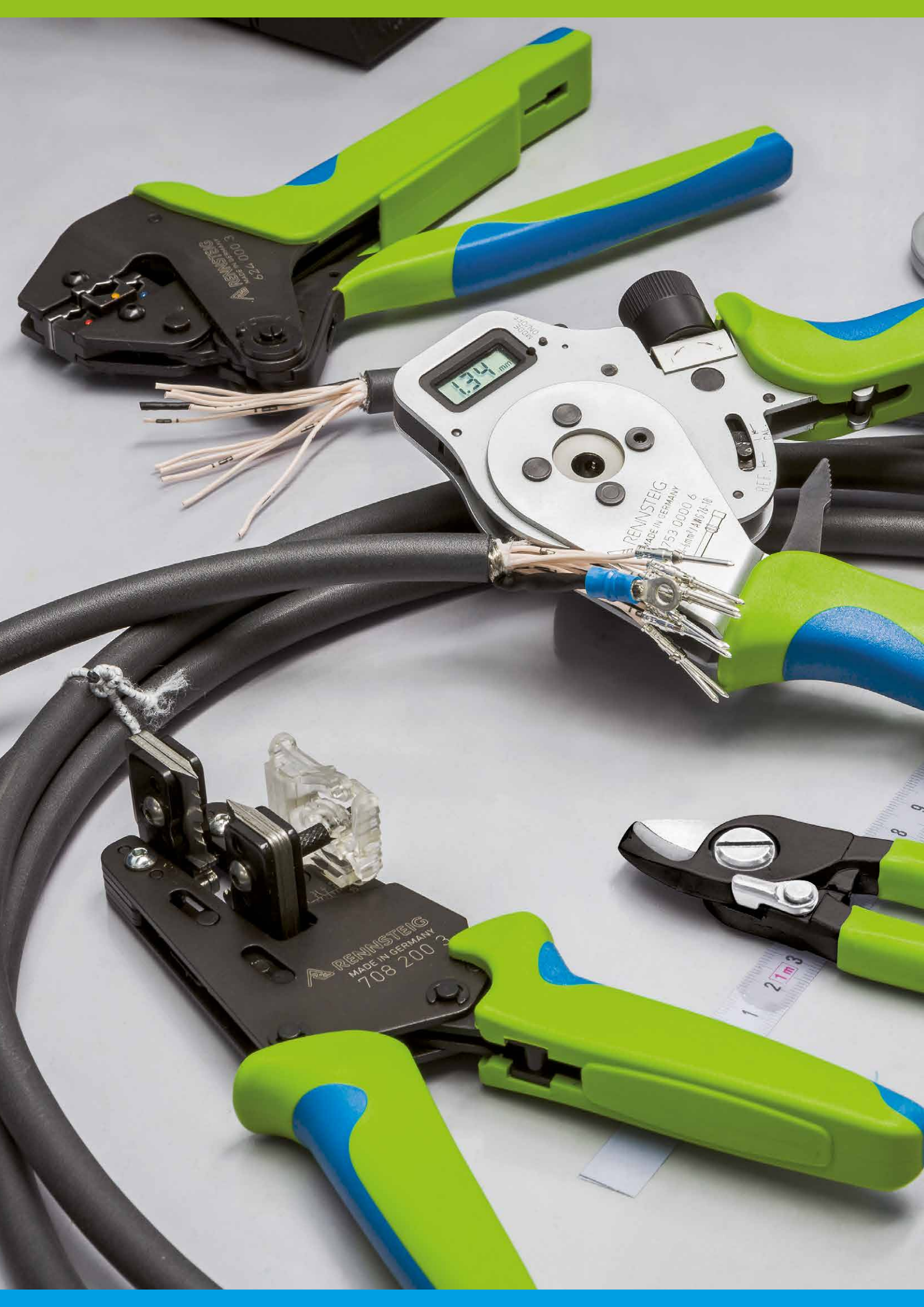
Always a good connection – and not just with our products, business partners and employees, but also with the support we offer communities for education, sport, culture and the environment. Youth work is a particular focus at RENNSTEIG.

In our Junior Enterprise Workshop for pupils in year 4 and above, which we have run jointly since 2016 with the Chamber of Industry and Commerce, young people get the chance to acquire key manual skills.

And our in-house Training Workshop – dubbed the ‘RENNSTEIG Forge of Heroes’ by our trainees – employs two instructors who are currently training up 24 budding tool technicians.

We also foster and encourage our employees’ productivity and team spirit by regular workplace modernisation programmes, a broad-based portfolio of further training and development courses, a company health management system and various team events. In this way, we are laying the groundwork for sustainable and successful company growth and development within Germany.





Contents

Cutting	8
Stripping	20
Processing contacts and connectors	36
Self-adjusting wire-end ferrule solutions	40
Service solutions	48
Crimping system solutions	58
4/8 indent solutions	78
Tools for fibre-optic cables	98
Assembly tools	106
Application-based sets and kits	110
Special solutions and accessories	116
Solutions for large cross-sections	122
Index/symbols/conversion	138

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Cable cutting techniques

The first step in cable processing is to cut the cable to the required length. While diagonal cutting pliers are often the tool of choice, precision cable shears are also now increasingly used. And for good reason, since cable shears offer several advantages in terms of the effort required as well as the quality of the cut.

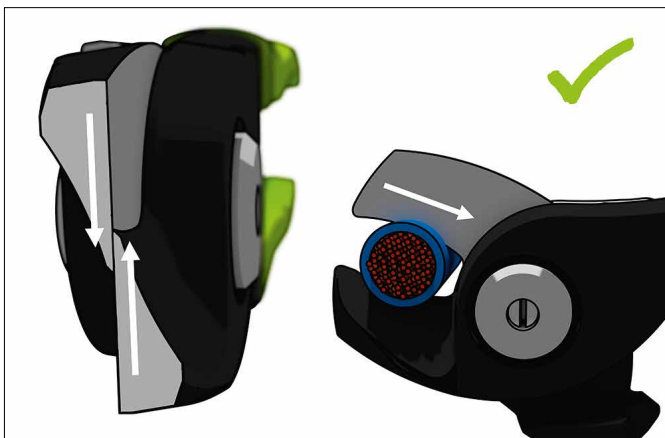
Diagonal pliers have a knife-and-anvil style jaw that bears down on the cable and needs a lot of force to use. Since the blades are straight and cut like a bird's beak snapping shut, the cable can tend to slip out of the tool, which also reduces available leverage and means more force is required.

The cut produced exhibits severe deformation of the individual conductors or wires that were cut through: in downstream processing steps like stripping or insertion into a contact, this can lead to errors and other problems.

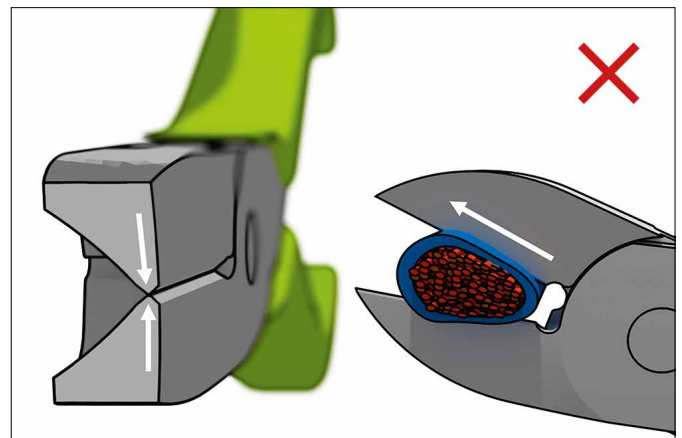
With RENNSTEIG cable shears, however, the cables are enclosed by concave-shaped blades that apply a sharp, shearing action to cut through cleanly and with little deformation. Since the conductor is trapped during the cutting process, this ensures it cannot slip out but is actually pulled closer to the pivot point. This improved lever action, coupled with blade sharpness, means the cut can be performed with much less expenditure of effort.

This principle is used by RENNSTEIG cable cutting tools for a wide range of cable cross-sections. All of the blades used in our cable shears are precision-ground and hardened. This ensures professional results when cutting copper and aluminum conductors. Capacity figures refer to the sum total of all wires to be cut through.

RENNSTEIG cable cutting tools are not suitable for use on cables with steel wires or steel armouring. For these use cases, ratcheting cable cutters with special reinforced blades can be found in the KNIPEX range of tools, for example.



Shear cut



Anvil cut

Cutting



Cutting

Precision, low-deformation cable cutting.

Optimised blade geometry with precision-ground and hardened jaws of special forged steel. Adjustable joint.



Art. No. 700 116 3



Clean and smooth cut without constricting or deformation



Stripping NYM/NM-B wire (1.5mm² – 2.5mm²)



With opening spring and lock

Cable shears D15

- Cable cutter with a special cutting geometry for smooth and clean trimming of cables, optionally with opening spring
- Also meets aerospace specification AS6173/3
- For tin-, nickel- and silver-coated copper cables according to specification AS22759, to be used also on aluminum cables
- Not for steel wire, wire cable or hard-drawn copper cable
- Ergonomic one-hand operation
- No crushing or deformation of cables



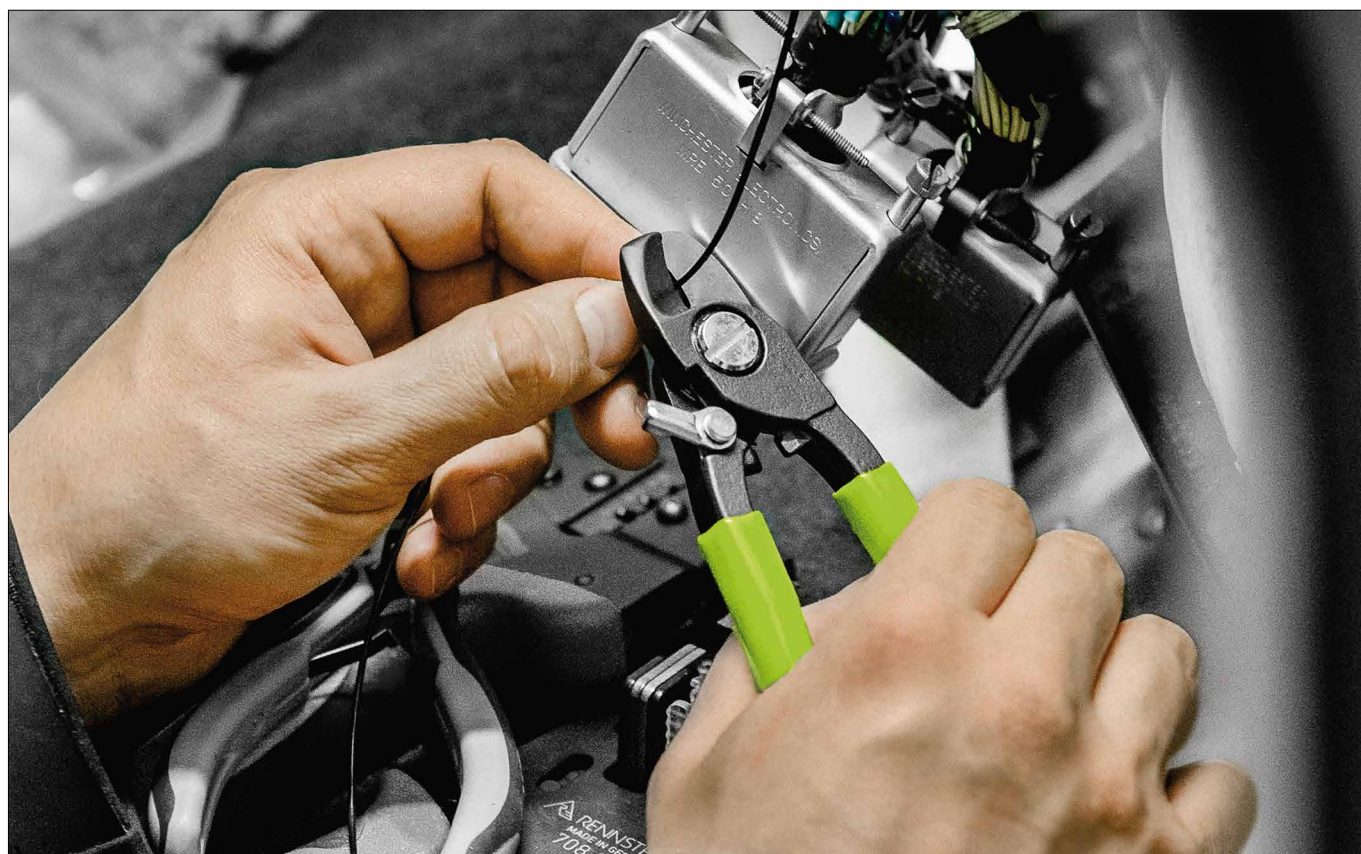
YouTube



Art. No. 700 015 3



Art. No. 700 016 36



Art. No.	EAN 4049002	Finish	Ø mm	Cutting capacity mm ²			↔ mm	⚖ g
700 015 3	007668	black-oxide finish, Plastic-coated grips	15	Cu 16 / Al 35	Cu 50 / Al 50	Cu 70	170	229
700 015 36	007675	black-oxide finish, reinforced plastic grips	15	Cu 16 / Al 35	Cu 50 / Al 50	Cu 70	170	264
700 016 3	008399	black-oxide finish, Plastic-coated grips, Opening spring	15	Cu 16 / Al 35	Cu 50 / Al 50	Cu 70	170	230
700 016 36	009228	black-oxide finish, reinforced plastic grips, Opening spring	15	Cu 16 / Al 35	Cu 50 / Al 50	Cu 70	170	270
700 116 3	106767	black-oxide finish, Plastic-coated grips, Opening spring, Stripping function	12	Cu 16 / Al 16	Cu 25 / Al 25	Cu 35	170	230

Cutting

Cable shear D20

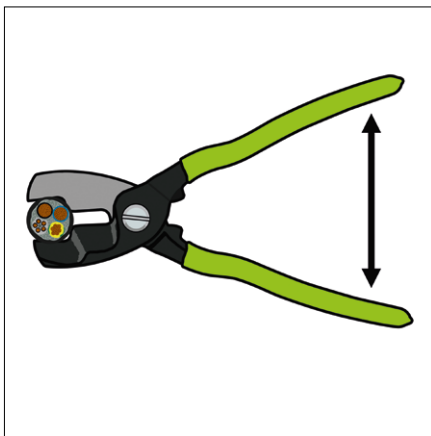
- For cutting single-strand, multi-strand and fine-wire aluminum and copper cables
- Not for steel wire, wire cable or hard-drawn copper cable
- Easy, clean cut with one-hand operation
- No crushing or deformation of cables
- Initial and final cut (1st and 2nd blades) allow cable diameter up to 20 mm respectively AWG 2/0 to be cut
- Various handle options



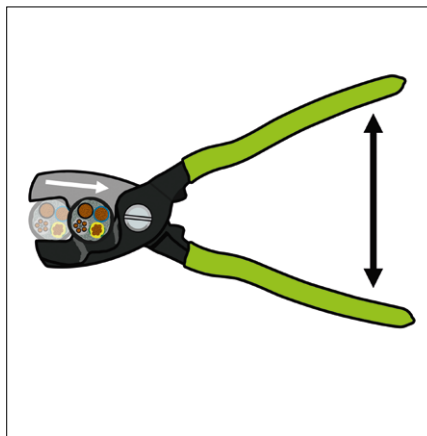
Art. No. 700 020 3



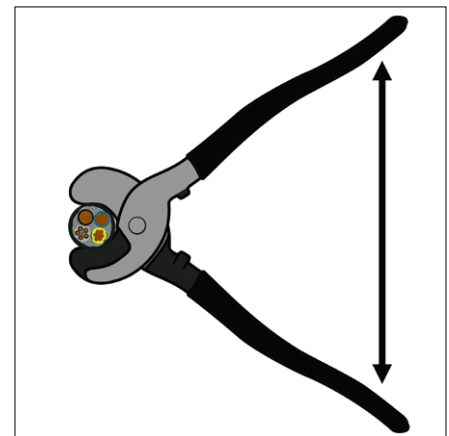
Art. No. 700 020 36



Phase 1: Pre-cut – the use of the front blade means that the handles stay a comfortable, ergonomic width apart, even for larger cable diameters.



Phase 2: Final cut – if more force needs to be applied, the cable can be moved back towards the pivot point. Pre-cut at the front – final cut at the back: more ergonomic, since the handles stay the same width apart.



For larger cable diameters, the grips on single-bladed cable shears open wide, making them harder to use.

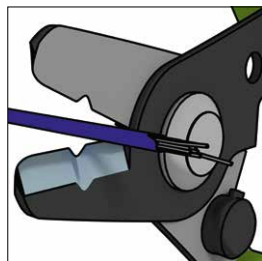
Art. No.	EAN 4049002	Finish	Ø mm	Cutting capacity mm ²			↔ mm	⚖ g
700 020 3	006630	black-oxide finish, Plastic-coated grips	20	Cu 16 / Al 50	Cu 70 / Al 70	Cu 95	200	300
700 020 36	007156	black-oxide finish, reinforced plastic grips	20	Cu 16 / Al 50	Cu 70 / Al 70	Cu 95	200	350

Miniature wire cutter and strand trimming tool

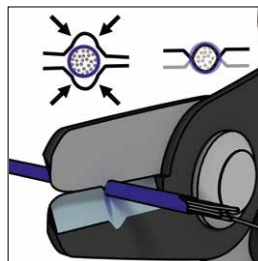
- Cable shears with a capacity of AWG 26 to 16, according to aviation standard AS6173/1A
- For cutting tin-, nickel- and silver-coated high-strength copper conductors and with a high-strength copper alloy according to AS22759
- Suitable for use in cramped working conditions



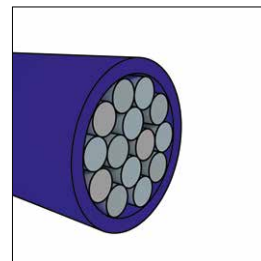
Art. No. 8000 1001 3



High-precision shaped cut



Low-deformation cut



Perfect cut edge

Art. No.	EAN 4049002	Finish	Capacity	↔ mm	⚖ g
8000 1001 3	098437	black-oxide finish, 2-component grips	0.14 – 1.5 mm ² / AWG 26 – 16	135	86

Kevlar® Shears

- Only for cutting Kevlar® fibres (strain relief used in fibre-optic cables)
- Precision-ground with teeth – prevents fibre slippage and guarantees a clean cut
- Riveted high-precision pivot point for low-friction movement, prevents thin fibres jamming in the cut
- Hard-chrome plated, buffed surface
- Shears body: chromium-vanadium electrical steel, oil-hardened
- Ergonomic grips: high-impact resistant plastic

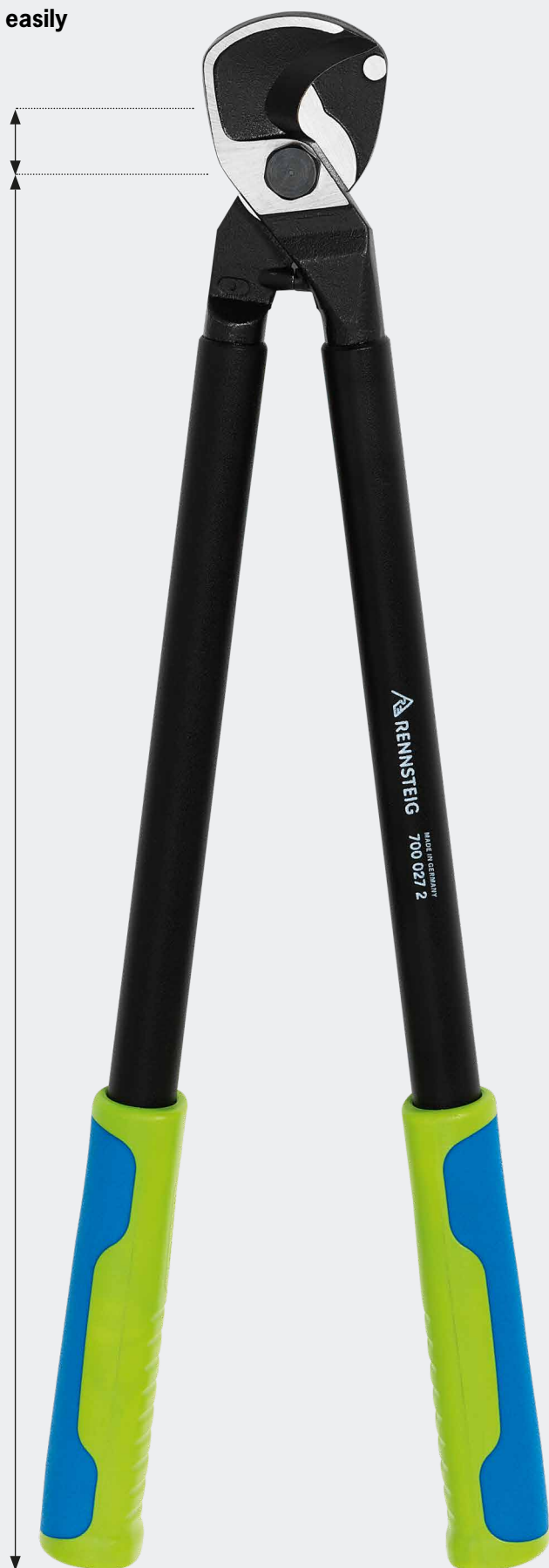


Art. No. 95 03 160

Art. No.	EAN 4049002	Description	↔ mm	⚖ g
95 03 160	140013	Kevlar® Shears	160	85

Cutting

Cut large diameters easily
and cleanly



Ideal blade geometry with precision grind and adjustable joint



Forged, hardened head with pinch guard



Light, rigid aluminum handles with 2-component grips



Optimum 1 : 20 leverage

Art. No. 700 027 2

Cable shears D27

- For cutting single-strand, multi-strand and fine-wire aluminum and copper cables
- Not for steel wire or wire cable
- Easy, clean cut due to new blade geometry
- Short design, low weight



Art. No. 700 027 2



Powerful cut close to the joint



Art. No.	EAN	Finish	Ø mm	Cutting capacity mm²			↔ mm	⚖ g
								
700 027 2	004360	powder coated, 2-component grips	27	Cu 150 / Al 240	Cu 185	Cu 140 / Al 200	500	1,260

Cutting

Comfortable working in cramped conditions.



Telescope arms adjust to the available working space

Art. No. 700 038 3



Optimum force transfer through jointed arm



Ideal blade geometry with precision grind and adjustable joint, hardened special steel



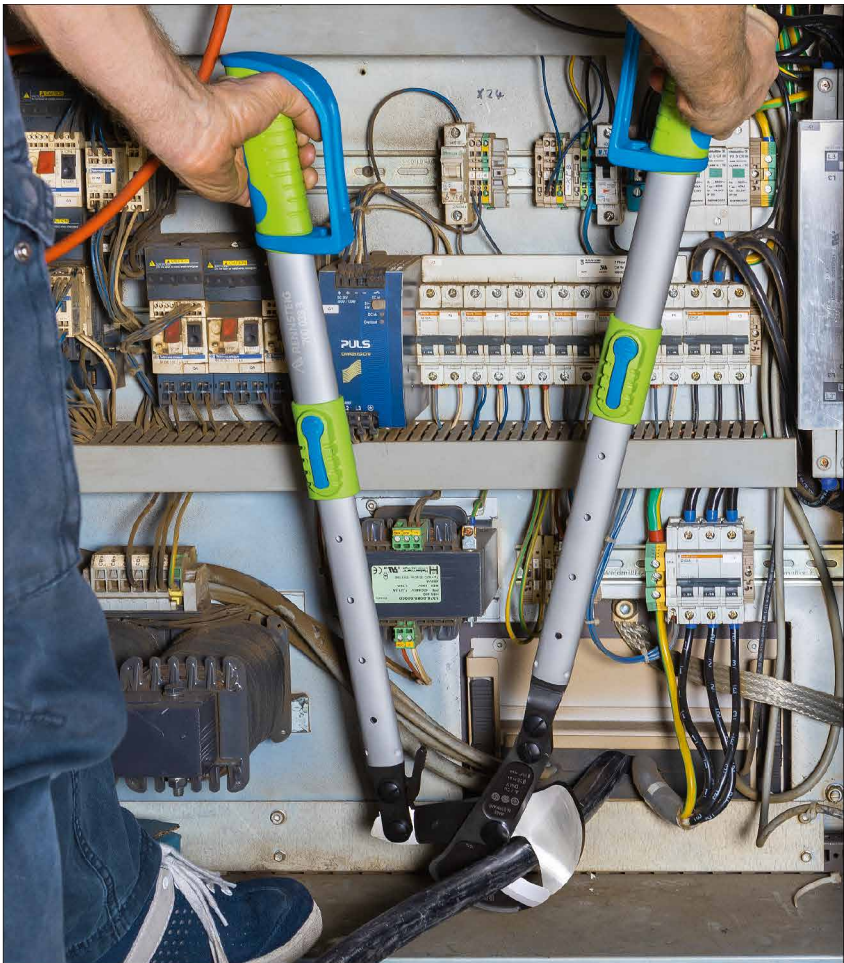
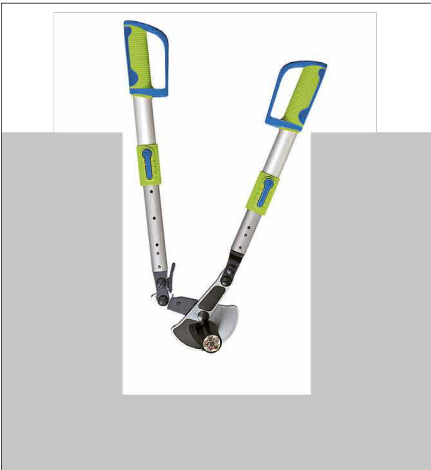
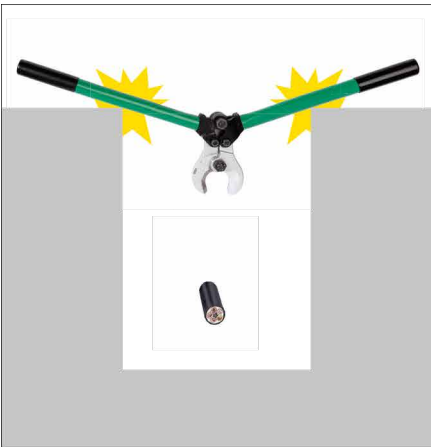
Light, rigid aluminum handles with 2-component grips and pinch protection

Cable shears D38

- For cutting single-strand, multi-strand and fine-wire aluminum and copper cables
- Not for steel wire or wire cable
- Ideal for cramped working spaces
- Jointed telescope arms adjust for the ideal grip width
- Ratchet action and low weight for easy working
- Replaceable cutting head



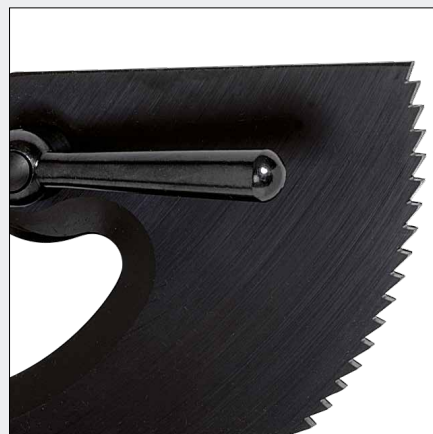
Art. No. 700 038 3



Art. No.	EAN 4049002	Finish	Ø mm	Cutting capacity mm²			↔ mm	⚖ g
								
700 038 3	086960	black-oxide finish, 2-component grips	38	Cu 300 / Al 400	Cu 300	Cu 280 / Al 280	570	2,300
700 038 3 0	053542	Spare blade						720

Cutting

Extra cutting force with ratchet drive.



Hardened special steel, pre-adjustment lever



Emergency unlock, special cutting contour



Light, rigid aluminum handles with 2-component grips

Telescope arms adjust to the available working space

660 mm

710 mm

760 mm

810 mm

860 mm

Art. No. 712 100 3

Cable cutters D60 and D100

- For cutting single-strand, multi-strand and fine-wire aluminum and copper cables
- Also for lead-coated cables
- Not for steel wire or wire cable
- Ratchet action for high cutting performance
- Telescope arms adjust to a range of lengths
- Cutter can be opened in any cutting position
- Can be used in cramped situations as well as overhead



Art. No. 712 060 3



Art. No. 712 100 3



Easy, time-saving use with quick pre-adjustment

Info

Replacement blades are available for these cable cutting tools.
Blade replacement work should be completed by RENNSTEIG or by one of our authorised partners.
For details, please visit www.rennsteig.com or contact us directly: we will be very happy to advise you on options.

Art. No.	EAN 4049002	Finish	Ø mm	Cutting capacity mm²			↔ mm	⚖ g
								
712 060 3	020421	black-oxide finish, 2-component grips	60	Cu 630 / Al 800	Cu 800	Cu 740 / Al 960	610	4,500
712 100 3	021527	black-oxide finish, 2-component grips	100	Cu 800 / Al 1,000	Cu 1,000	Cu 960 / Al 1,200	660	5,700

Cable stripping and insulation removal

Once the cable has been cut to the required length, the next step is to ensure the insulation is removed properly from the area where the connection will be made. If multiple insulated conductors are enclosed in one cable, then it will be necessary to expose these for stripping without also damaging their insulation. The process of removing one or more outer cable sheaths is known as de-sheathing. RENNSTEIG produces professional de-sheathing tools that allow users to adjust the cutting depth of the blades easily to the outer layers that need to be removed.

To prepare for a crimp connection, the inner conductors must be properly stripped. The aim here is to ensure the insulation is removed completely to the required length without causing any damage to the conductor material itself.

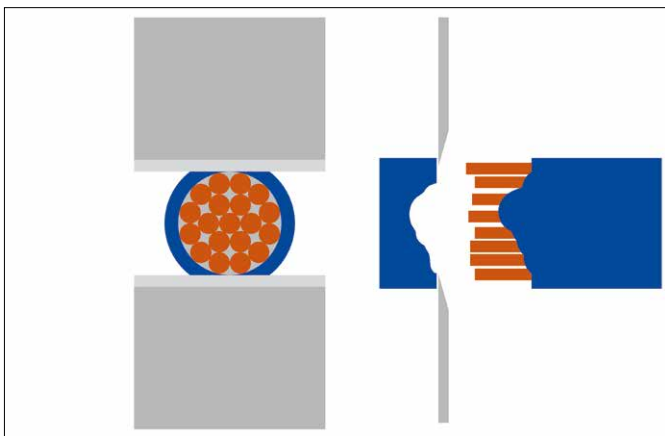
Modern cables present a number of challenges for de-sheathing and stripping solutions. Often, cable insulation will be very thin, wrapped, asymmetrically extruded, bonded to the wires and/or consist of very tough, hard or temperature-/UV-resistant materials. These kinds of situations have led to the development of the various professional RENNSTEIG stripping tools.

Within the RENNSTEIG product range, these tools are categorised as self-adjusting insulation strippers and tools with specially shaped blades.

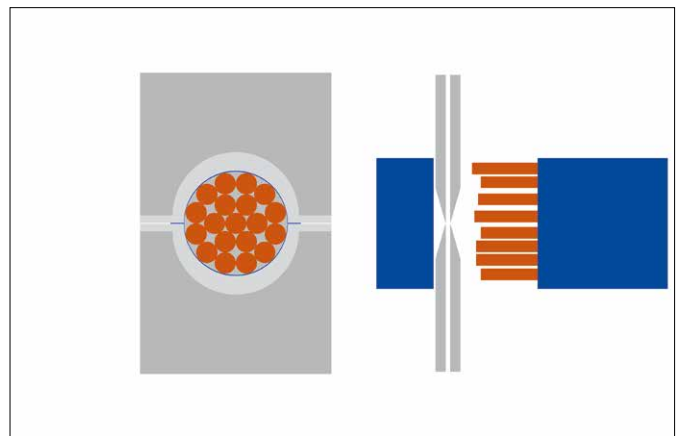
Self-adjusting stripping solutions can not only handle a wide range of capacities but also adjust automatically to the respective conductor cross-section and the depth of cut necessary for the insulation. This enables very quick, flexible stripping without the need for time-consuming and often complicated calibration work.

For very challenging tasks, high-precision ground RENNSTEIG shaped blades are used: these separate the insulation around the entire circumference of the conductor and so reduce the amount of insulation that is torn off rather than cut. These tools can be used to remove very thin, hard or tough insulation easily and with professional results.

A length stop is provided on RENNSTEIG stripping tools to ensure that the stripping length is both easy to set and reproducible.

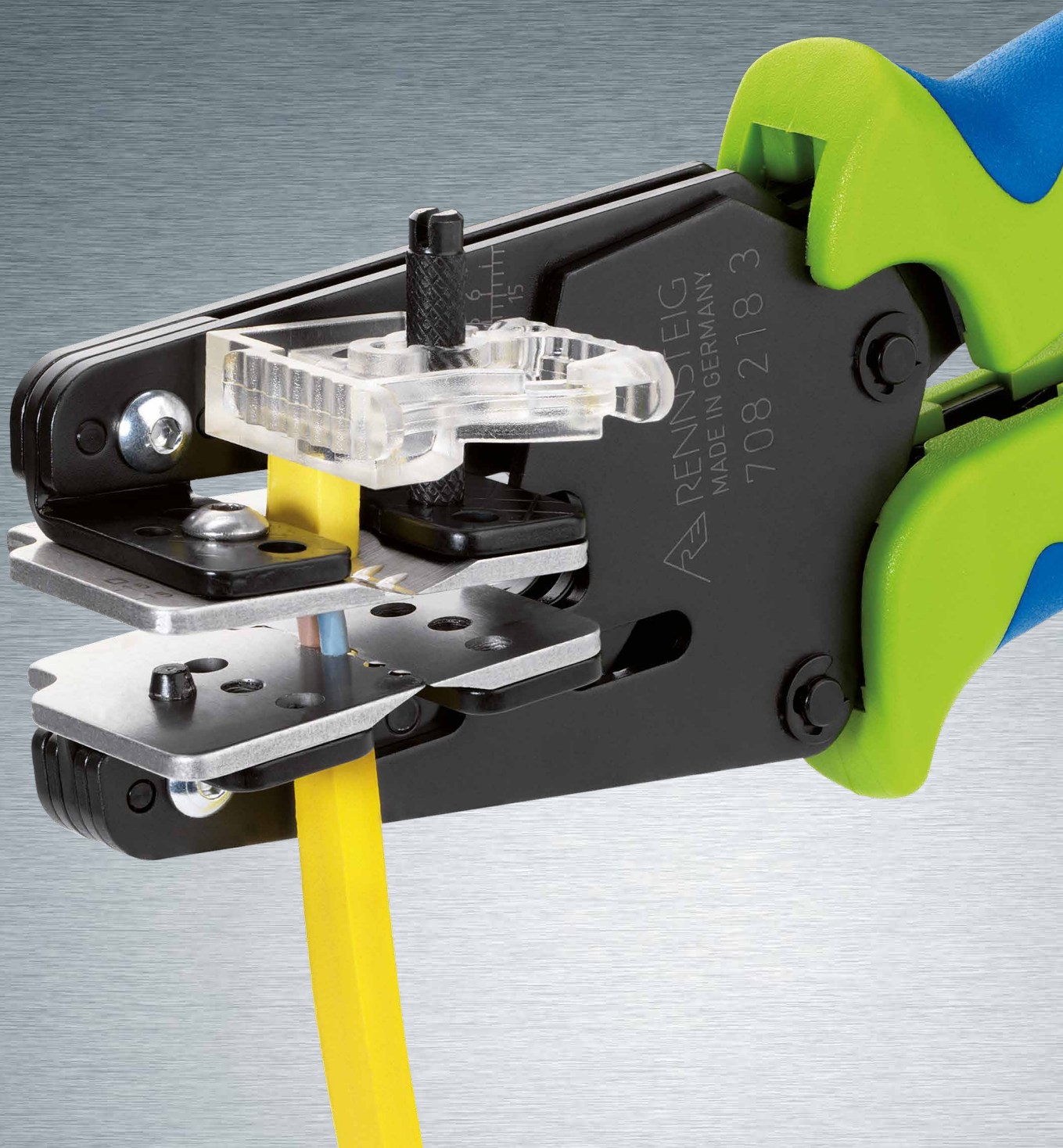


Stripping – self-adjusting



Stripping – shaped blades

Stripping



Stripping

The innovative and
multifunctional way to work.

patented



Art. No. 707 040



Novel blade geometry, precise setting of stripping length



Clamping jaws matched to blade geometry



Self-adjusting with fine adjustment option

MultiStrip® 16

- Self-adjusting to cross-sections ranging from 0.08 mm² to 16 mm² without blade change
- Ergonomic design, comfortable grip distance (65 mm) and low weight
- Blade block can be replaced by hand – no other tools needed
- Low manual effort required, even at maximum capacity setting
- Non-destructive stripping with adjustable cut penetration depth
- Multi-functional, with integrated cable snips, capacity multi-stranded cable up to 16 mm² and solid up to 6 mm²
- Rugged, glass fibre-reinforced housing with two-component grip and eyelet for fall protection
- Stripping length using length stop (metric and imperial) can be adjusted precisely
- Grip can be personalised with company branding



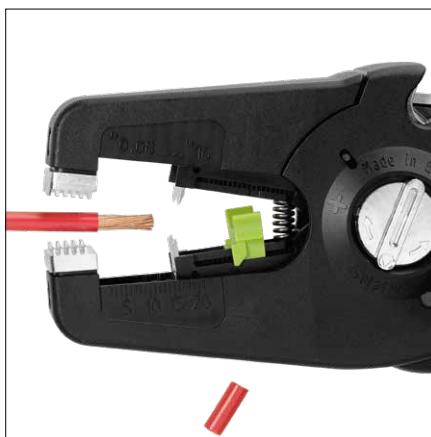
YouTube



Art. No. 707 040



Trim cable



Strip to set length – for a wide range of cable cross-sections and types of insulation



Optional blade block for halogen-free cables

Art. No.	EAN 4049002	Description		↔ mm	⚖ g
707 040	144301	0.08 – 16.0 mm ² / AWG 28 – 6		195	185
707 041	144318	Spare Blade Set 0.08–16.0 mm ²		40	10
707 042 01	146664	Optional Spare Blade Set for Halogen-free Cable 4–16 mm ²		40	10
707 022	026218	Length Stop			1

Stripping

Cutting, stripping and crimping in a single tool

patent pending



Art. No. 707 070



Integrated wire cutter for multi-stranded cables up to 10 mm² and solid up to 6 mm²



self-adjusting stripping of flexible and solid conductors with different insulations



with square crimp function for ferrules, self-adjusting in the range 0.25 – 4 mm²

MultiStrip® 10 plus

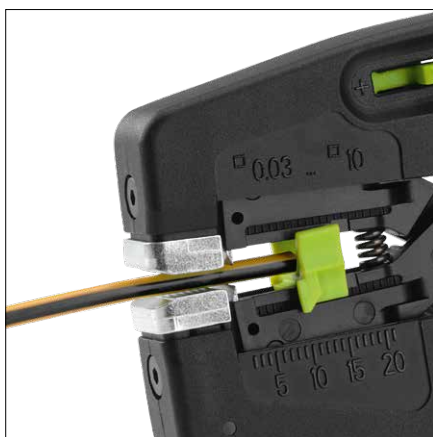
- Suitable for single- and multi-conductor cables with PVC insulation and a wide range of special insulation types, such as PTFE and rubber insulation
- Insulation strippers adjust automatically to the cross-section and insulation thickness
- Metal clamping jaws hold the cable securely without slipping and without damaging the remaining insulation
- Precise and self-adjusting square crimping of wire end ferrules according to DIN 46228 part 1+4
- Consistent crimping quality by forced-lock completion of crimping process
- Interchangeable blade block and length stop
- Glass fibre-reinforced housing, ergonomic two-component grip



Art. No. 707 070



Possibility of fine adjustment – optimal adaptation to special materials or temperature conditions



Metallic clamping jaws and easily adjustable length stop for automatic stripping



Area for personalising the tool, eyelet for a tool tether

Art. No.	EAN 4049002	Capacity				Illustration	↔ mm	⚖ g
		Cutting	Stripping	Crimping ferrules	Crimping twin wire-end ferrules			
707 070	151804	up to 10.0 mm² / AWG 8	0.03 – 10.0 mm² / AWG 32 – 8	0.25 – 4.0 mm² / AWG 22 – 10	2x 0.25 – 2.5 mm² / 2x AWG 22 – 14		194	168
707 021	026201	Spare Blade Set					39	9
707 022	026218	Length Stop						1

Stripping

Fully automatic stripping with process reliability.

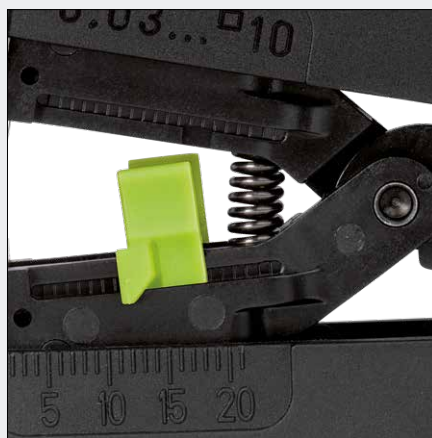
patented



Art. No. 707 020



Metallic clamping jaws, optimised blade geometry



Fully automatic stripping unit, 0.03–10 mm², easily adjustable length stop



Ergonomic grip design with safety function for cable cutter, capacity multi-stranded cable up to 10 mm² and solid up to 6 mm²

MultiStrip® 10

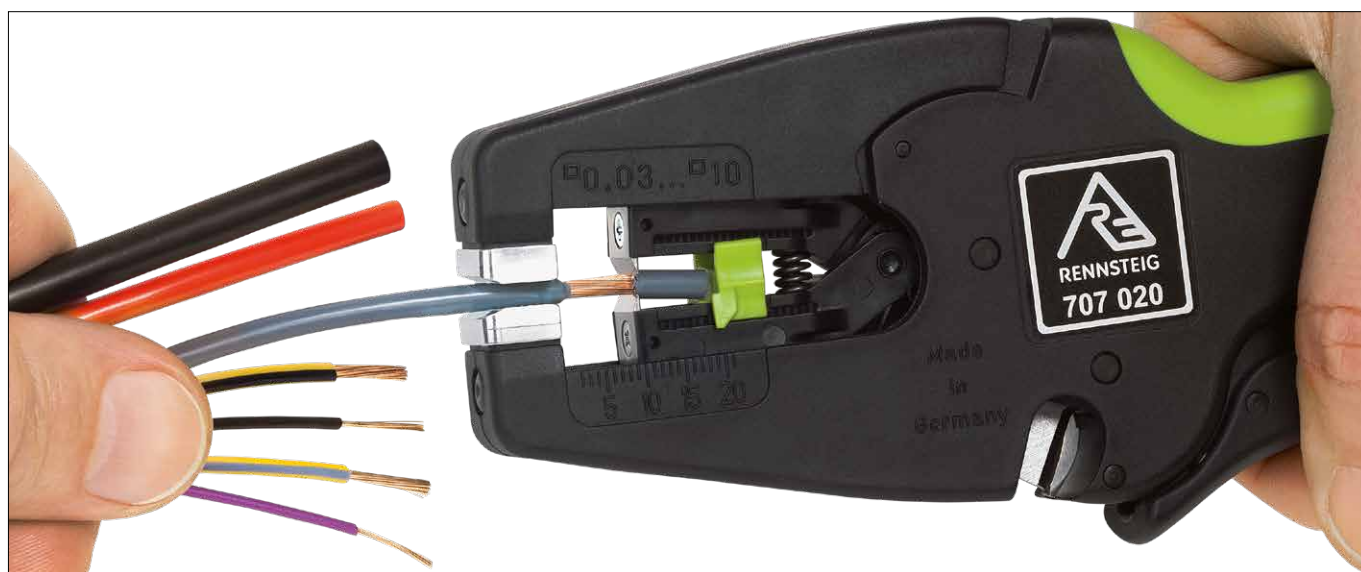
- Insulation strippers adjust fully automatically to the cross-section and insulation thickness – no manual fine adjustment is needed
- Suitable for single- and multi-conductor cables with PVC insulation and a wide range of special insulation types, such as PTFE and rubber insulation
- Universal blade geometry – robust and durable
- Metal clamping jaws hold the cable securely without slipping and without damaging the remaining insulation
- Especially smooth mechanism and very low weight
- Interchangeable blade block and length stop
- Glass fibre-reinforced housing, two-component grip



YouTube



Art. No. 707 020



Art. No.	EAN 4049002	Description		↔ mm	⚖ g
707 020	026195	0.03–10.0 mm² / AWG 32–8		195	185
707 021	026201	Spare Blade Set		39	9
707 022	026218	Length Stop			1

Stripping

Automatic and universal.



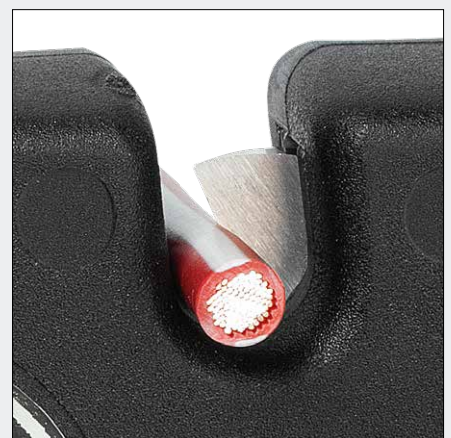
Art. No. 700 001



Fine adjustment of cutting depth



Replaceable stripping blades, clamping jaws and length stop



Integrated wire cutter, capacity multi-stranded cable up to 10 mm² and solid up to 6 mm²

Automatic insulation stripper

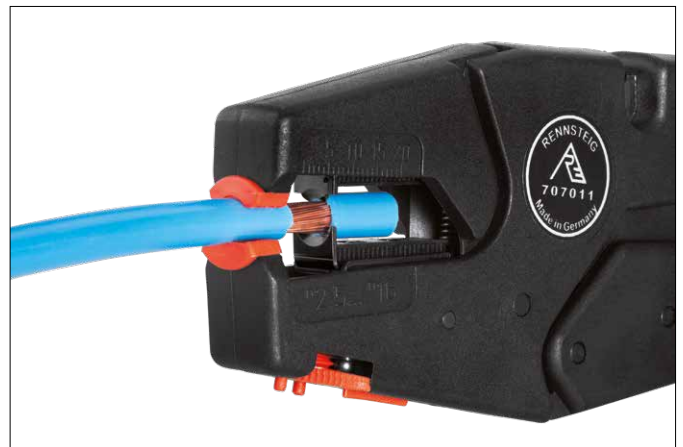
- For stripping single-/multi-conductor and fine-stranded conductors with industry-standard insulation types
- 2 models for cross-sections ranging from 0.03 to 10 mm², plus ribbon cables up to 10 mm wide and 2.5–16 mm²
- Stripping blades adjust automatically to the various cross-sections
- Clamping jaws opens automatically after stripping is complete
- Does not damage conductors or cause splayed ends on single cores
- Glass fibre-reinforced housing

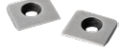


Art. No. 707 001



Art. No. 707 011



Art. No.	EAN 4049002	Description		↔ mm	⚖ g
707 001	004407	0.03–10.0 mm ² / AWG 32–8		200	235
707 002	007026	Spare Blade Set			5
707 003	007033	Clamping Jaws			2
707 004	007040	Length Stop			1
707 011	016141	2.5–16.0 mm ² / AWG 14–6		200	235
707 012	016158	Spare Blade Set			5
707 013	016165	Clamping Jaws			2

Stripping

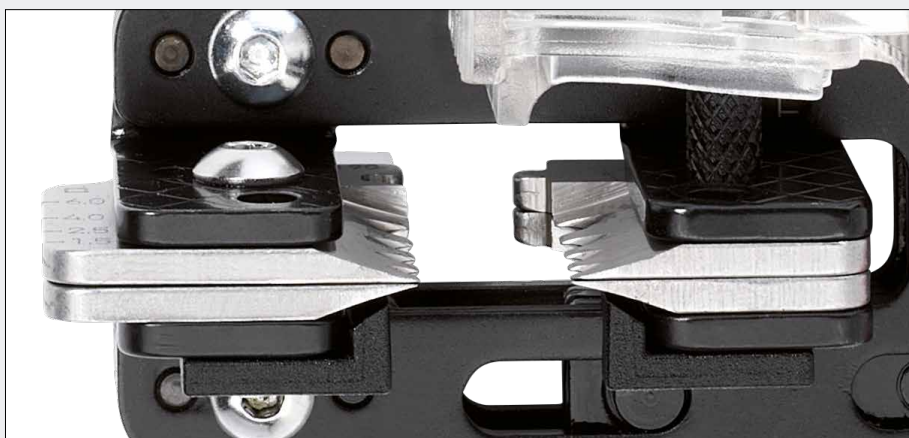
High-precision, focused stripping.



Art. No. 708 218 3



Adjustable length stop with scale



4-piece blade set, precision mechanism of hardened spring steel, tough and long-lasting

Insulation stripper for special applications

- Special tools with length stop, for high-quality, non-destructive stripping and de-sheathing of all electrical single- and multi-core cables from 0.03 to 50 mm²
- Tool use does not depend on the strength of the insulating material
- No crushing or deformation to cable ends, thanks to patented stripping method
- High-precision shaped blades matched to the respective conductor cross-section
- Special, customer-specific models possible
- Stripping blades move back automatically into the initial position
- Black oxide tool, with ergonomic 2C grips



Art. No. 708 218 3



Position cable at length stop



Stripping with profile blades



Automatic removal of insulation

Art. No.	EAN 4049002	Range of applications			↔ mm	⚖ g
708 201 3	012136	Tool for PTFE insulated cables with cable guiding, 0.09 mm ² / 0.14 mm ² / 0.38 mm ² / 0.57 mm ² / 1.0 mm ² / 1.5 mm ² / 2.08 mm ² , Strip dimensions, Ø 0.35 mm / Ø 0.55 mm / Ø 0.8 mm / Ø 1.05 mm / Ø 1.35 mm / Ø 1.6 mm / Ø 1.75 mm			200	500
708 203 3	012150	Tool for PTFE insulated cables, 2.5 mm ² / 4.0 mm ² / 6.0 mm ² / 10.0 mm ² , Strip dimensions, Ø 2.3 mm / Ø 2.7 mm / Ø 3.5 mm / Ø 4.45 mm			200	500
708 205 3	012174	Tool for standard multi-wire cables, 0.25 mm ² / 0.75 mm ² / 1.5 mm ² / 2.5 mm ² / 4.0 mm ² / 6.0 mm ² , Strip dimensions, Ø 0.7 mm / Ø 1.35 mm / Ø 1.7 mm / Ø 2.3 mm / Ø 2.7 mm / Ø 3.5 mm			200	500

Insulation stripper for special applications

Art. No.	EAN 4049002	Range of applications			↔ mm	⚖ g
708 212 3	012242	Tool for special cable with PTFE insulation and Kapton® Foil, AWG 20/ AWG 18/ AWG 16/ AWG 14/ AWG 12/ AWG 10, Strip dimensions, Ø 1.0 mm/ Ø 1.2 mm/ Ø 1.4 mm/ Ø 1.8 mm/ Ø 2.4 mm/ Ø 2.8 mm			200	500
708 218 3	012303	Tool for ASI-Bus cable, outer sheath, Strip dimensions, oval shaped, 2 x R1.30 (distance 0.68), 2 x Ø 1,70			200	500
708 219 3	012310	Tool for POF-Flat Cable with a Spacing of 2.0, 5.0 mm, Strip dimensions, Ø 0.9 mm/ Ø 0.9 mm/ Ø 0.9 mm/ Ø 0.9 mm/ Ø 0.9 mm			200	500
708 220 3	012327	Tool for Control Wire, Shielded, Outer and Inner Cable, AWG 18, Strip dimensions, Ø 1.3 mm/ Ø 3.8 mm/ Ø 4.7 mm			200	500
708 223 3	012358	Tool for Thermo Compensating Wire, Outer and Inner Cable, 1.5 mm²/ 1.5 mm², Strip dimensions, 2 x Ø 1,80Special oval shape, 2x R1.80 (spacing 2.60)			200	500
708 226 3	012617	Tool for solar cable, 1.5 mm²/ 2.5 mm²/ 4.0 mm²/ 6.0 mm², Strip dimensions, Ø 1.9 mm/ Ø 2.4 mm/ Ø 3.0 mm/ Ø 3.9 mm			200	500
708 226-1 3	087004	Tool for solar cable, AWG 16/ AWG 14/ AWG 12/ AWG 10, Strip dimensions, Ø 1.9 mm/ Ø 2.4 mm/ Ø 2.6 mm/ Ø 3.3 mm			200	500
708 230 3	012655	Tool for PVC Hose Line Cable, Outer and Inner Cable, 0.34 mm²/ 0.5 mm²/ 3.1 mm²/ 3.5 mm²/ 4.2 mm², Strip dimensions, Ø 0.9 mm/ Ø 1.1 mm/ Ø 3.1 mm/ Ø 3.5 mm/ Ø 4.2 mm			200	500
708 233 3	012686	Tool for PVC cable, 6.0 mm²/ 10.0 mm²/ 16.0 mm², Strip dimensions, Ø 5.7 mm/ Ø 4.45 mm/ Ø 3.5 mm			200	500
708 248 3	012945	Tool for PFFE Single Stranded Wire, AWG 26/ AWG 24/ AWG 22/ AWG 20/ AWG 18/ AWG 16, Strip dimensions, Ø 0.3 mm/ Ø 0.55 mm/ Ø 0.8 mm/ Ø 1.1 mm/ Ø 1.35 mm/ Ø 1.55 mm			200	500
708 269 3	011467	Tool for solar cable, 4.0 mm²/ 6.0 mm²/ 10.0 mm², Strip dimensions, Ø 3.0 mm/ Ø 3.9 mm/ Ø 5.0 mm			200	500

Info

A wide range of special tools for various cable cross-sections and insulation types is available. The tools shown here are merely a representative selection of available products.

Replacement blades can be found by adding '0' to the tool article number (example: tool 708 248 3, pair of blades 708 248 3 0).

If the replacement of the blades does not yield the desired results, RENNSTEIG offers maintenance and calibration services.

Please talk to us for details, we are glad to provide support.

Microstrip for PTFE insulation

- For stripping PTFE-insulated copper cables with ultra-fine cores and cross-sections of AWG 40–26 (roughly equivalent to 0.005–0.14 mm²)
- Fixed end stop for cross-section ranges AWG 36/34 and 40/38 (roughly equivalent to 0.01–0.02 mm² and 0.005–0.008 mm²)
- End stop can be activated for cross-section ranges AWG 28/26 and 32/30 (roughly equivalent to 0.08–0.14 mm² and 0.03–0.06 mm²)
- Two laser-marked stripping positions on each of the front and rear sides



YouTube



Art. No. 8007 5001 3



Profiled cutting edge with V-blades



Front side with fixed end stop for AWG 36/34 and 40/38



Rear side with activated end stop for AWG 28/26 and 32/30

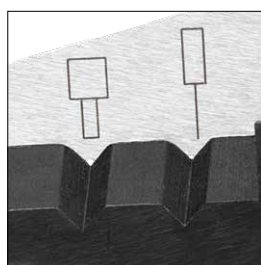
Art. No.	EAN 4049002	Description	Capacity	↔ mm	⚖ g
8007 5001 3	024610	black-oxide finish, 2-component grips	0.005 – 0.14 mm ² / AWG 40 – 26	135	91

Fibre Optic Microstripper 125/250

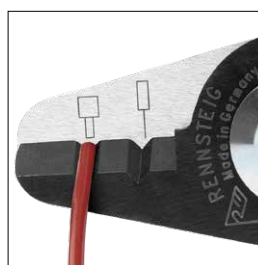
- High-precision stripping tool for fibre-optic cables
- Two stripping points defined by a fixed end stop enable the non-destructive removal of primary and secondary coatings (125 µm/250 µm)
- Hardened tool steel, black oxide surface finish
- Comfortable and ergonomic 2-component grips



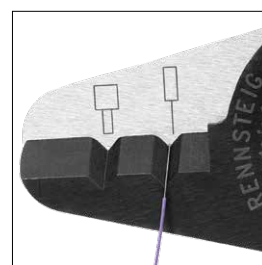
Art. No. 8007 5000 3



Profiled cutting edge with V-blades



Removing the secondary coating



Removing the primary coating

Art. No.	EAN 4049002	Description	↔ mm	⚖ g
8007 5000 3	025051	Fibre Optic Microstripper 125/250	135	86

Stripping

De-sheathing tool L

- For removing the insulation of round cable sheaths made of PVC, rubber, silicone or PTFE from 6.0 - 29.0 mm dia.
- Self-tightening holding lever
- With knurled nut for cutting depth adjustment
- Changing from circular to longitudinal cutting by turning the tool body
- Spiral cutting for removing intermediate pieces
- Replaceable blade
- Housing: high-impact resistant plastic



Art. No. 707-1630



Circular cut



Longitudinal cut



Spiral cutting

Art. No.	EAN 4049002	Description	Capacity Ø mm	↔ mm	⚖ g
707-1630	124846	De-sheathing tool L	6 – 29	135	97
707-1630 0	125867	Spare blade			1

De-sheathing tool XL

- For removing the insulation of round cables exceeding 25.0 mm dia.
- Removes all insulating layers without damaging the layer below
- Suitable for longitudinal and circular cutting
- Designed for stripping the ends and midspan
- Cutting depth can be adjusted up to 5.0 mm
- Replaceable blade (both sides can be used)
- Tool body: plastic, fibreglass-reinforced



Art. No. 707-1640



Adjustable blade depth



Circular cut



Longitudinal cut

Art. No.	EAN 4049002	Description	Capacity Ø mm	↔ mm	⚖ g
707-1640	124853	De-sheathing tool XL	> 25	165	210
707-1640 0	125874	Spare blade			1

Stripping Tool Multi

- Universal stripping tool for RG 59, RG 6, RG 7, RG 11 coax cables
- Stripping outer jacket from coax, UTP/STP, round and flat data cables
- User-friendly 6 mm (1/4") blade cassette
- Adjustable stripping blade for data cables
- Two stripping blades for trimming and de-sheathing phone ribbon cables (4P/6P/8P) in one work step
- Integrated blade for trimming data cables
- Brush for de-braiding cable shielding included
- Housing: high-impact resistant plastic



Art. No. 707-1660 SB



Trimming coax cables



Stripping round data cables



Stripping of flat cables

Art. No.	EAN 4049002	Capacity	↔ mm	⚖ g
707-1660 SB	129964	RG 59, RG 6, RG 7, RG 11	125	97

Stripping Tool for coaxial cables

- For stripping RG 6, RG 58, RG 59 coax cables
- Outer jacket, shielding and insulation are stripped in one work step
- Rotating cut with three installed blades
- Cutting depth adjustable with Allen key (included)
- Blade spacing remains constant
- Housing: high-impact resistant plastic



Art. No. 707-1700 SB



Inserting a coax cable



Rotary cutting



Stripping of 3 layers in one work step

Art. No.	EAN 4049002	Capacity	↔ mm	⚖ g
707-1700 SB	129971	RG 6, RG 58, RG 59	110	97

Crimping

Crimped connections have now largely replaced soldered connections: they are mechanically stable, corrosion-resistant, easily reproducible, fatigue-resistant and ensure optimum electrical transfer quality over long periods of time. Creating them requires a coordinated set of conductors, contacts, crimping tools and tool settings.

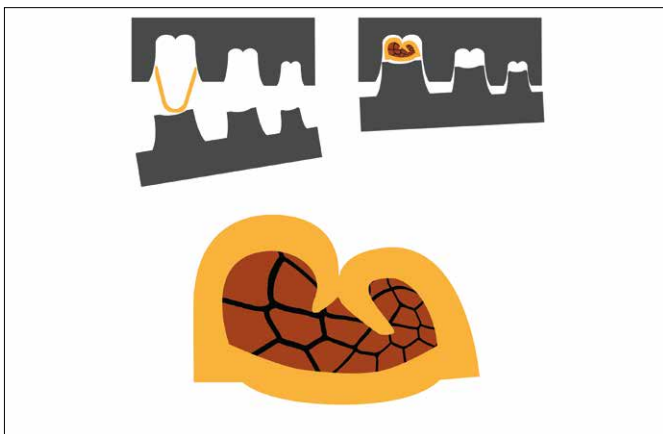
Basic quality requirements for crimp connections have been defined in several kinds of documents, such as DIN standards, AS standards for aviation, and aircraft manufacturer process instructions. In addition, detailed processing specifications from contact manufacturers also require the use of perfectly matched crimping solutions.

From profiled crimping (F-, W-, hex-, square- or special crimp shapes), 4/8 indent crimps or multifunctional special crimping tools – RENNSTEIG offers a tool to match virtually any type of connector. Contacts that need to be processed as F-crimp profiles present a particular challenge when it comes to crimping. The symmetric rolling in of connector flanks has a decisive role to play here. In these cases, crimping tools with parallel closing jaws offer key advantages compared to tools using the more common shear principle (see fig.). This avoids the connector rotating during the crimping procedure and guarantees that the flanks are rolled in symmetrically.

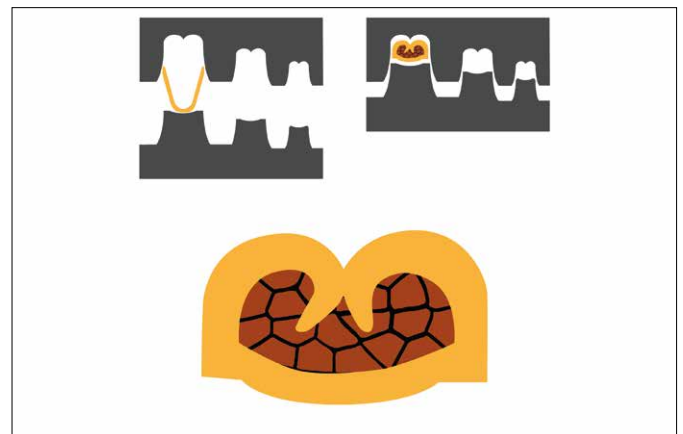
Precise preparation of the conductors (cutting and stripping) is equally important, as is ensuring well-matched connectors, conductors and crimping tools. An important role is also played by the correct positioning of connectors and conductors in the right crimping tool. The RENNSTEIG product portfolio offers a wide range of positioning guides: these guarantee high-quality processing as well as process reliability and error reduction.

RENNSTEIG products naturally feature the full range of functionality for modern crimping tools, such as:

- Forced locking system, to ensure that the crimp is completed properly
- Secure, non-slip grip sheaths, plus ergonomic grip distances to reduce fatigue while working
- Adjustable crimp pressure for interchangeable dies
- Factory tool setting to ensure the correct initial crimp pressure



Shear principle



Parallel principle

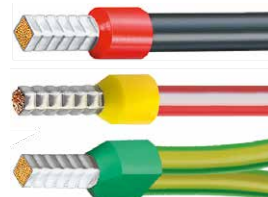
Processing contacts and connectors



Quick guide to the most important crimped connections

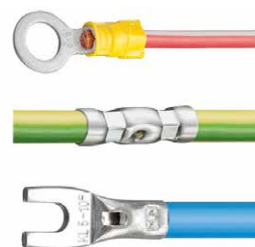
Insulated and non-insulated end sleeves

Page
40-54, 72, 110-112, 118



Insulated and non-insulated cable lugs and connectors

Page
48-53, 66-68, 122-127, 130-137



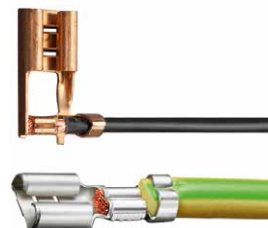
Rolled and stamped contacts

Page
52, 55-57, 70-71



Blade connectors

Page
48-53, 69



Turned contacts

Page
73, 78-79, 82-84, 84-85, 85-93, 93-97, 114



Heat-shrink connectors

Page
50-51, 114



Unshielded modular push-in connectors and ISDN connectors

Page
74



Shielded modular push-in connectors and ISDN connectors

Page
74



Connectors for COAX plugs

Page
50-53, 75



Solar connectors

Page
76-77



Optical fibre connectors

Page
75, 98-101, 101-103, 103



Processing contacts and connectors

Self-adjusting wire-end ferrule solutions

Crimping flexibly and automatically.

patented



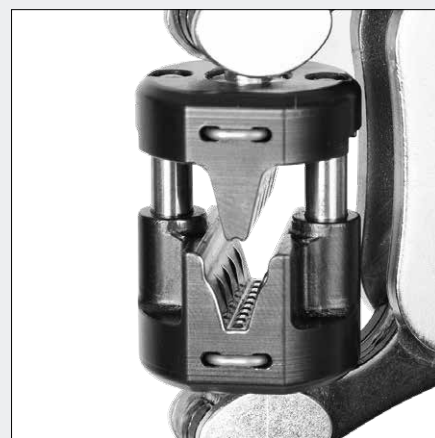
Art. No. 610 190 6



Self-guiding jaws



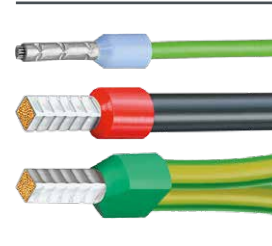
Model Twistor® 16 – Square crimp profile with 4 profiled crimp surfaces



Model Twistor® T – Trapezoidal crimp profile

RENNSTEIG Twistor®

- Offers the advantages of tools with front and sideways insertion in a single, universal tool
- For crimping insulated and non-insulated wire-end ferrules according to DIN 46 228
- Self-adjusting adaptation to the required size of wire-end ferrule
- Large cross-section range can be processed without resetting the tool
- Crimping of extra-long wire-end ferrules up to 16 mm (Twistor® 16) or up to 18 mm (Twistor® T) possible in one work step
- Mechanism design optimises application of manual force, with improved ergonomics for fatigue-free working
- Precise, factory-set (calibrated) crimping pressure, can be re-adjusted
- Consistent crimping quality with forced-lock completion of crimping process (can be released)



YouTube



Art. No. 610 190 6



Art. No. 610 191 6



Highly streamlined, compact tools with 360° pivoting crimp insert featuring 8 fixing positions for a wide range of wire-end ferrules

Art. No.	EAN 4049002	Finish	Profile	Capacity		SP UL	↔ mm	⚖ g
				Wire-end ferrules	Twin wire-end ferrules			
610 190 6	133954	Model Twistor® 16, Pliers chrome plated, Crimp insert rotates 360°, 4 profiled crimp surfaces		0.14 – 16.0 mm² / AWG 26 – 6	2x 0.25 – 6.0 mm² / 2x AWG 28 – 8		185	520
610 191 6	151811	Model Twistor® T, Pliers chrome plated, Crimp insert rotates 360°, profiled, trapezoidal crimp surfaces		0.14 – 10.0 mm² / AWG 26 – 8	2x 0.25 – 6.0 mm² / 2x AWG 22 – 8		196	490

Processing contacts and connectors

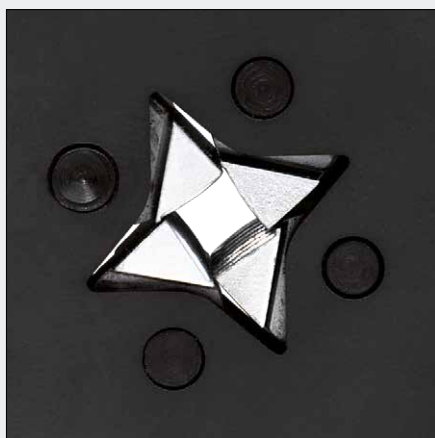
Self-adjusting wire-end ferrule solutions

Self-adjusting, easy crimping.

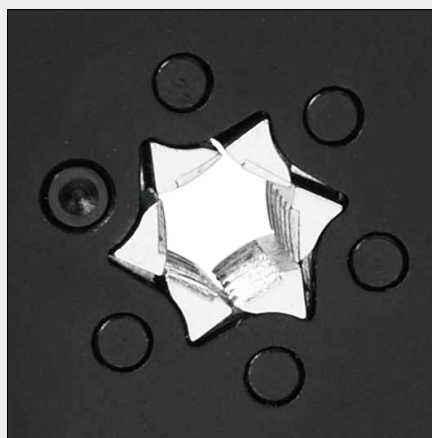
patented



Art. No. 610 185 3



Square crimp shape – automatic adjustment to max.
16 mm² /AWG 6



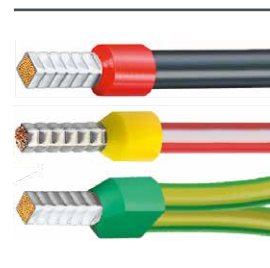
Hexagonal crimp shape – automatic adjustment to max.
16 mm² /AWG 6



Processing of twin wire-end ferrules up to max.
2x 6 mm² /2x AWG 8

Ferrule crimping tools

- For crimping insulated and non-insulated wire-end ferrules according to DIN 46 228
- Self-adjusting adaptation to the required size of wire-end ferrule
- Wire-end ferrules are inserted sideways into the tool
- Force magnified by lever action to ensure fatigue-free working
- High-precision crimping jaws in various designs
- Range of crimp layouts
- Precise, factory-set (calibrated) crimping pressure
- Consistent crimping quality with forced-lock completion of crimping process (can be released)
- Black oxide finish (chrome plating on request)



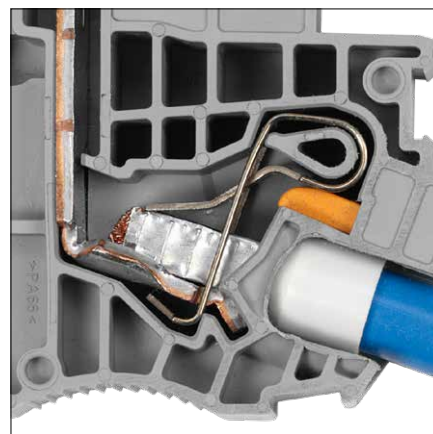
Art. No. 610 184 3



Art. No. 610 286 3



Art. No. 610 084 3 2



Excellent fit for many different terminal shapes

Info

The UL certificate applies only when using the labelled tool in conjunction with the wire-end ferrules that we offer, as listed on pages 109–110.

Art. No.	EAN 4049002	Finish	Profile	Capacity		SP UL	↔ mm	⚖ g
				Wire-end ferrules	Twin wire-end ferrules			
610 184 3	104244	Pliers black-oxide finish, Sideways insertion, 4 profiled crimp surfaces		0.08–10.0 mm²/ AWG 28–8	2x 0.25–6.0 mm²/ 2x AWG 22–8	•	180	410
610 185 3	104251	Pliers black-oxide finish, Sideways insertion, 4 profiled crimp surfaces		0.08–16.0 mm²/ AWG 28–6	2x 0.25–6.0 mm²/ 2x AWG 22–8	•	180	422
610 084 3 2	018145	Pliers black-oxide finish, Sideways insertion, 2 profiled/2 smooth crimp surfaces		0.08–10.0 mm²/ AWG 28–8	2x 0.25–6.0 mm²/ 2x AWG 22–8		180	440
610 286 3	150746	Pliers black-oxide finish, Sideways insertion, 6 profiled crimp surfaces		0.08–16.0 mm²/ AWG 28–6	2x 0.25–10.0 mm²/ 2x AWG 22–8		180	417

Processing contacts and connectors

Self-adjusting wire-end ferrule solutions

A large variety of crimps in a small package.



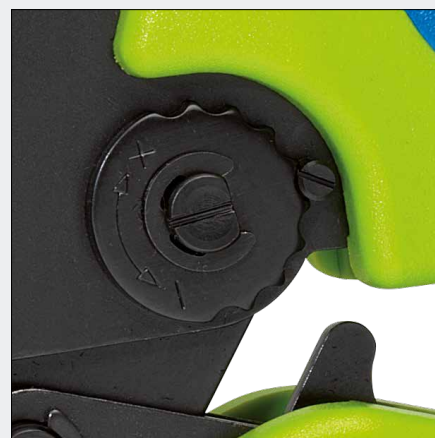
Art. No. 610 088 3



Front feed



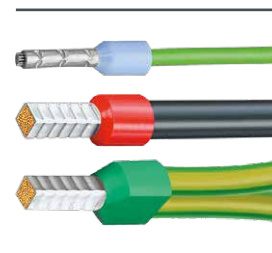
0.08–16mm² crimp range (switchable), automatic adjustment with tuned spring combination



Forced-lock completion of crimping process (with emergency release), re-adjustable crimping pressure

Ferrule crimping tools PEW 8.87 / 8.88

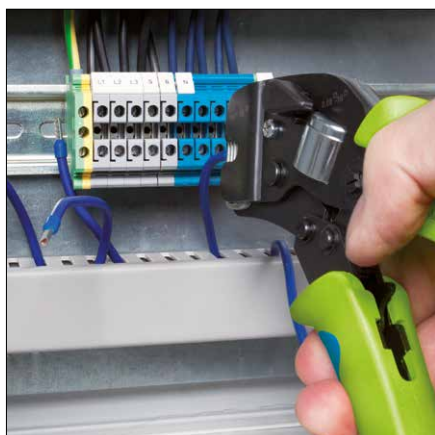
- For crimping insulated and non-insulated wire-end ferrules according to DIN 46 228
- Self-adjusting adaptation to the required size of wire-end ferrule
- Easiest to work with when working conditions are cramped
- Huge range of applications supported in one tool (model PEW 8.88)
- Square crimp profile with 4 profiled crimp surfaces
- Precise, factory-set (calibrated) crimping pressure, can be re-adjusted
- Force magnified by lever action to ensure fatigue-free working
- Consistent crimping quality with forced-lock completion of crimping process (can be released)



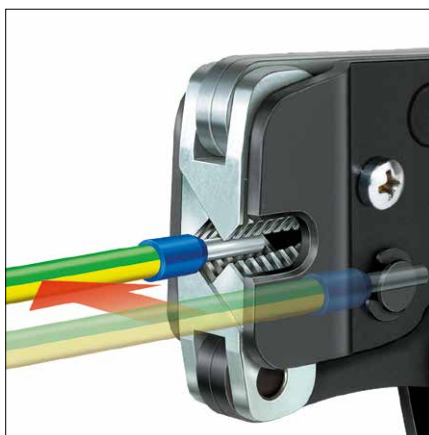
Art. No. 610 087 3



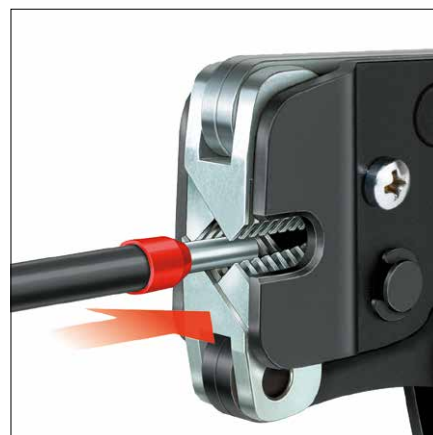
Art. No. 610 088 3



Art. no. 610 088 3 front insertion up to max. 16 mm² – useful for short conductor ends



Art. no. 610 087 3 sideways insertion up to max. 2.5 mm² possible



Art. no. 610 087 3 front insertion up to max. 10.0 mm² possible

Info

The UL certificate applies only when using the labelled tool in conjunction with the wire-end ferrules that we offer, as listed on pages 109–110.

Art. No.	EAN 4049002	Finish	Profile	Capacity		SP UL	↔ mm	⚖ g
				Wire-end ferrules	Twin wire-end ferrules			
610 087 3	016417	Pliers black-oxide finish, Front and sideways insertion, 4 profiled crimp surfaces		0.08–10.0 mm ² / AWG 28–8	2x 0.25–4.0 mm ² / 2x AWG 22–10	•	190	520
610 088 3	022814	Pliers black-oxide finish, Front insertion, 4 profiled crimp surfaces		0.08–16.0 mm ² / AWG 28–6	2x 0.25–6.0 mm ² / 2x AWG 22–8	•	190	520

Processing contacts and connectors

Self-adjusting wire-end ferrule solutions

High-volume crimping.



Art. No. 636 084 3



Self-adjusting crimping unit, 4 profiled crimp surfaces,
art. no. 636 084 3 0



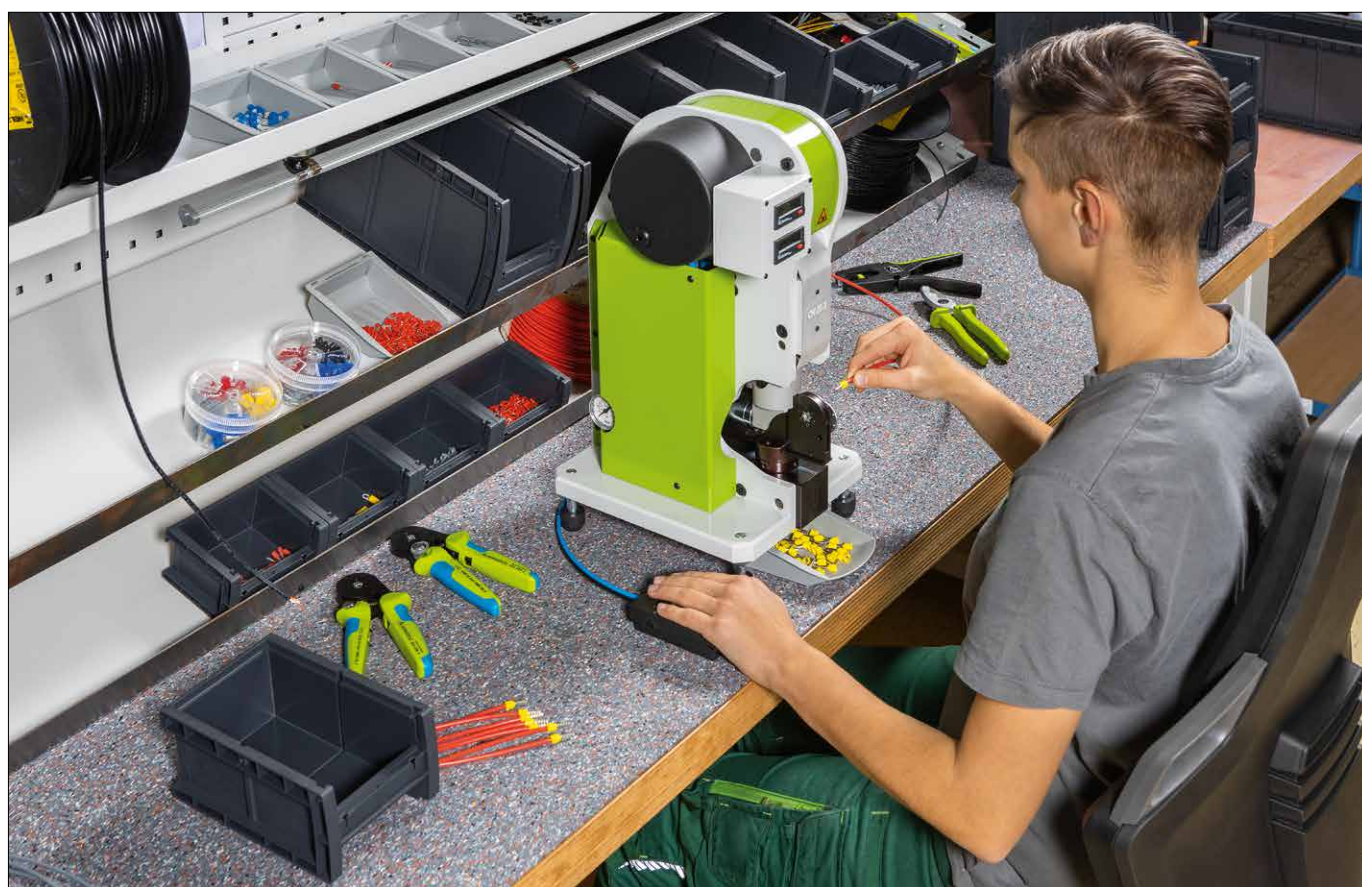
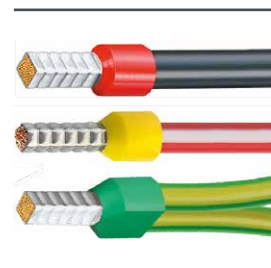
Self-adjusting crimping unit, 6 profiled crimp surfaces,
art. no. 636 086 3 0



Excellent work safety with good accessibility

Crimping machine CM 25-3

- Compact, maintenance-free table-top device
- Crimp force 25 kN, working pressure 6 bar
- Air requirements 0.75 l/work stroke
- Hand or foot operation
- Height-adjustable feet
- Automatic adjustment to cross-section when crimping insulated and non-insulated wire-end ferrules according to DIN 46 228
- Self-adjusting adaptation to the required size of wire-end ferrule
- Adjustable insertion guide for insulated wire-end ferrules
- Square or hexagonal crimp profile with profiled crimp surfaces
- Base unit can also be fitted with 4/8 indent crimping units (see '4/8 indent solutions' section)



Art. No.	EAN 4049002	Finish	Profile	Capacity		↔ mm	⚖ g
				Wire-end ferrules	Twin wire-end ferrules		
636 025-3	029561	CM25-3 crimping machine without crimping unit, without positioning guide				325 x 280 x 500	31,800
636 084 3 0	097225	Ferrule Crimping Unit, Square Crimp		0.08–10.0 mm² / AWG 28–8	2x 0.25–6.0 mm² / 2x AWG 22–10	100 x 43 x 76	600
636 086 3 0	100802	Ferrule Crimping Unit, Hex Crimp		0.08–6.0 mm² / AWG 28–10	2x 0.25–4.0 mm² / 2x AWG 22–12	100 x 43 x 76	600

Processing contacts and connectors

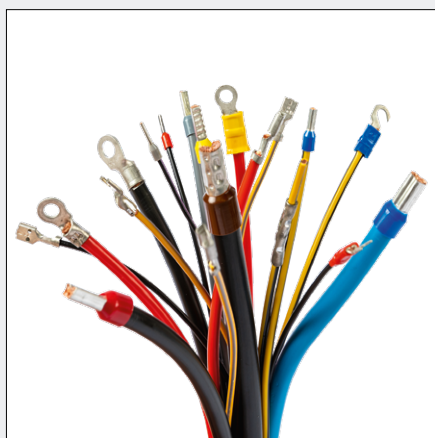
Service solutions

**Switch quickly and easily
between five application
areas.**

patented



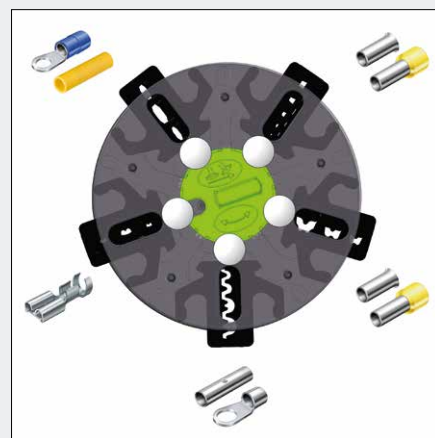
Art. No. 629 005 3



Reliable processing of a wide range of contacts and cable cross-sections



Just one tool to cover standard crimping applications



Safe, protected storage for interchangeable crimp dies in a rotary magazine

MultiCrimp®

- One tool for all of the typical applications needed in the electrical/electronics industry
- Reliable crimping results comparable with non-removable crimping units
- Patented storage and changing system with practical belt clip
- Forced-lock completion of crimping process to ensure reliable crimping results (with emergency release)
- Comfortable, high-performance and pro-quality crimping tool with ergonomic one- or two-hand operation



YouTube



Art. No. 629 005 3



Art. No. 629 004 3

Info

This tool can be changed to work in different applications quickly and without needing any extra tools. To do so, simply 'click' the crimp dies needed into the tool from the rotary magazine. To see just how easy this tool is to use, watch the video on our YouTube channel (QR code).

Art. No.	EAN 4049002	Finish	Profile	Connector	Die set	↔ mm	⚖ g
629 005 3	107535	MultiCrimp® with magazine, 5 dies included				315	950
629 004 3	011863	MultiCrimp® with magazine, 3 dies included				315	860
629 050 3 0 1	015144	0.5–1.0 mm ² 1.5–2.5 mm ² 4.0–6.0 mm ² , tab width 4.8 + 6.3 mm				60	80
629 060 3 0 1	015175	0.5–1.0 mm ² 1.5–2.5 mm ² 4.0–6.0 mm ²				60	80
629 090 3 0 1	015649	0.25–0.75 mm ² 1.0–1.5 mm ² 2.5 mm ² 4.0 mm ² 6.0 mm ²				60	80
629 091 3 0 1	110979	10.0 mm ² 16.0 mm ² 25.0 mm ²				60	80
629 1071 3 0 1	112249	0.5–1.5 mm ² 1.5–2.5 mm ² 4.0–6.0 mm ² 6.0–10.0 mm ²				60	80
629 000 3	000492	MultiCrimp® without dies				235	520
629 001 0	018251	Magazine (for 5 dies) empty				100	80

Processing contacts and connectors

Service solutions

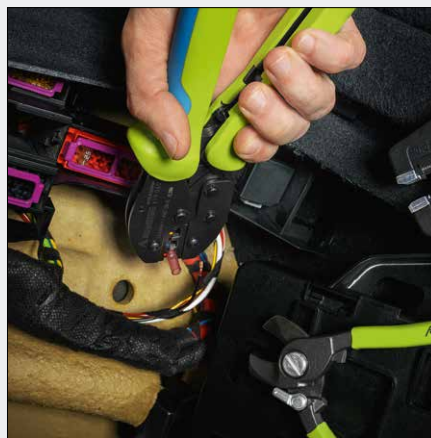
**Complete professional
repairs in cramped working
conditions**



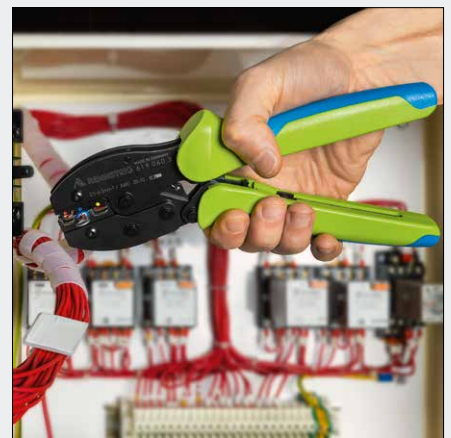
Art. No. 619 060 3



Short grip distance



Good accessibility in cramped working conditions



Light and compact with ergonomically-shaped two-component grips

PEW 9 – Light and compact

- Optimised range of tools for installation professionals
- Efficient lever action ensures a high crimping force
- Guarantees optimum, solder-free electrical connections
- Forced-lock completion of crimping process to ensure reliable crimping results (with emergency release)
- Precise, factory-set (calibrated) crimping pressure



Art. No. 619 060 3



Art. No. 619 1071 3

Art. No.	EAN 4049002	Finish	Profile	Conne- ctors	↔ mm	⚖ g
619 020 3	026034	Tool with die, Uninsulated Contacts, 0.25–0.75 mm ² / 1.0–1.5 mm ² / 2.5 mm ²			215	520
619 031 3	026041	Tool with die, Uninsulated Butt Connectors, 1.5 mm ² / 2.5 mm ² / 4.0 mm ² / 6.0 mm ² * / 10.0 mm ² *			215	520
619 032 3	026058	Tool with die, Uninsulated Contacts, 0.5–1.0 mm ² / 1.5–2.5 mm ² / 4.0–6.0 mm ² / 10.0 mm ²			215	520
619 045 3	026065	Tool with die, Non-insulated plug connectors, 0.1–0.25 mm ² / 0.5–1.0 mm ² / 0.5–1.0 mm ² / 1.5–2.5 mm ²			215	520
619 050 3	026072	Tool with die, Non-insulated plug connectors, 0.5–1.0 mm ² / 1.5–2.5 mm ² / 4.0–6.0 mm ²			215	530
619 060 3	026089	Tool with die, Insulated terminals, 0.5–1.0 mm ² / 1.5–2.5 mm ² / 4.0–6.0 mm ²			215	540
619 090 3	026096	Tool with die, Ferrules, 0.25–0.75 mm ² / 1.0–1.5 mm ² / 2.5 mm ² / 4.0 mm ² / 6.0 mm ²			215	520
619 091 3	026102	Tool with die, Ferrules, 10.0 mm ² / 16.0 mm ² / 25.0 mm ²			215	520
619 100 3	026119	Tool with die, Coaxial connectors, 5.4 / 6.48 / 1.72 mm			215	520
619 1071 3	111136	Tool with die, Non-insulated terminals and splice connectors, 0.5–1.5 mm ² / 1.5–2.5 mm ² / 4.0–6.0 mm ² * / 6.0–10.0 mm ² *			215	520
619 1389 3	142796	Tool with die, Heat-shrink connectors, 1.5–2.5 mm ² / 4.0–6.0 mm ² / 0.5–1.0 mm ²			215	520

* According to DIN 46267

Processing contacts and connectors

Service solutions

PEW 8 – The handy service crimper

- Small and handy, fully featured tools with a 20° angled crimping head
- Compact design and low weight
- Precise, factory-set (calibrated) crimping pressure, can be re-adjusted
- Forced-lock completion of crimping process to ensure reliable crimping results (with emergency release)
- Locators available for special applications
- Especially suited to small crimp cross-sections



Art. No. 618 062 3



Art. No. 618 080 3

Art. No.	EAN 4049002	Finish	Profile	Connectors	↔ mm	⚖ g
618 020 3	006661	Tool with die, Uninsulated Contacts, 0.25–0.75 mm ² / 1.0–1.5 mm ² / 2.5 mm ²			195	411
618 040 3	006678	Tool with die, Non-insulated plug connectors, 0.25–0.5 mm ² / 0.75–1.0 mm ² / 1.5 mm ²			195	416
618 040 3 1	018107	Tool with die and locator, Non-insulated plug connectors, 0.25–0.5 mm ² / 0.75–1.0 mm ² / 1.5 mm ²			195	460
618 062 3	006685	Tool with die, Insulated terminals, 0.5–1.0 mm ² / 1.5–2.5 mm ²			195	420
618 063 3	006692	Tool with die, Insulated terminals, 0.1–0.25 mm ² / 0.25–0.5 mm ² / 0.5–1.0 mm ²			195	420
618 080 3	006708	Tool with die, Insulated and non-insulated end sleeves, 0.25–0.75 mm ² / 1.0–1.5 mm ² / 2.5 mm ² / 4.0 mm ² / 6.0 mm ²			195	420
618 081 3	006715	Tool with die, Insulated and non-insulated end sleeves, 0.25–0.5 mm ² / 0.75–1.5 mm ² / 2.5 mm ²			195	420
618 100 3	006722	Tool with die, Coaxial connectors, 5.4 / 6.48 / 1.72 mm			195	420
618 667 3	022913	Tool with die, D-Sub-connectors, 0.03–0.09 mm ² / 0.2–0.56 mm ² / 0.08–0.2 mm ²			195	420
618 667 3 1	022906	Tool with die and locator, D-Sub-connectors, 0.03–0.09 mm ² / 0.2–0.56 mm ² / 0.08–0.2 mm ²			195	460

PEW 16 – The service crimper

- Fully featured tools for key applications in service operations
- Especially suited to frequent crimping of larger contacts
- Efficient lever action reduces the hand force required
- One- and two-handed operation
- Re-adjustable crimp pressure
- Forced-lock completion of crimping process to ensure reliable crimping results (with emergency release)



Art. No. 626 060 3



Art. No. 626 091 3

Art. No.	EAN 4049002	Finish	Profile	Conne- ctors	↔ mm	⚖ g
626 031 3	019425	Tool with die, Uninsulated Contacts and Butt Connectors, 1.5 mm ² / 2.5 mm ² / 4.0 mm ² / 6.0 mm ² * / 10.0 mm ² *			250	610
626 032 3	019432	Tool with die, Uninsulated Contacts and Butt Connectors, 0.5–1.0 mm ² / 1.5–2.5 mm ² / 4.0–6.0 mm ² / 10.0 mm ²			250	610
626 033 3	034282	Tool with die, Uninsulated Contacts and Butt Connectors, 16.0 mm ² / 25.0 mm ²			250	610
626 045 3	019456	Tool with die, Non-insulated plug connectors, 0.1–0.25 mm ² / 0.5–1.0 mm ² / 0.5–1.0 mm ² / 1.5–2.5 mm ²			250	610
626 050 3	019463	Tool with die, Non-insulated plug connectors, 0.5–1.0 mm ² / 1.5–2.5 mm ² / 4.0–6.0 mm ²			250	610
626 060 3	019500	Tool with die, Insulated terminals, 0.5–1.0 mm ² / 1.5–2.5 mm ² / 4.0–6.0 mm ²			250	610
626 063 3	019517	Tool with die, Insulated terminals, 10.0 mm ² / 16.0 mm ²			250	610
626 090 3	019555	Tool with die, Insulated and non-insulated end sleeves, 0.25–0.75 mm ² / 1.0–1.5 mm ² / 2.5 mm ² / 4.0 mm ² / 6.0 mm ²			250	620
626 091 3	019562	Tool with die, Insulated and non-insulated end sleeves, 10.0 mm ² / 16.0 mm ² / 25.0 mm ²			250	620
626 092 3	019579	Tool with die, Insulated and non-insulated end sleeves, 35.0 mm ² / 50.0 mm ²			250	620
626 097 3	028816	Tool with die, Twin-Ferrules, 2x 16.0 mm ² / 2x 10.0 mm ² / 2x 6.0 mm ²			250	620
626 100 3	019586	Tool with die, Coaxial connectors, 5.4 / 6.48 / 1.72 mm			250	620
626 1071 3	111143	Tool with die, Non-insulated terminals and splice connectors, 0.5–1.5 mm ² / 1.5–2.5 mm ² / 4.0–6.0 mm ² * / 6.0–10.0 mm ² *			250	620

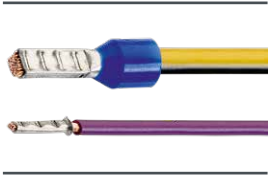
* According to DIN 46267

Processing contacts and connectors

Service solutions

Ferrule crimping tool PE 7.1

- Crimping tool for crimping wire-end ferrules according to DIN 46228 in range 0.25 to 2.5 mm²
- Pliers body forged from high-quality tool steel
- Milled trapezoidal crimp profiles
- Polished surface finish
- Plastic-coated grips



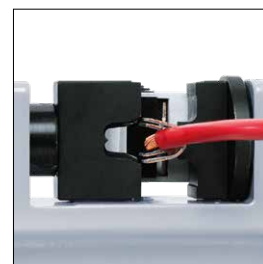
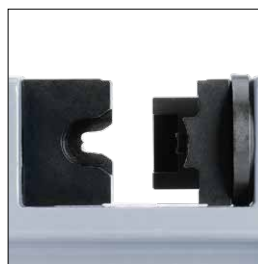
Art. No. 610 001 0



Art. No.	EAN 4049002	Finish	Capacity	Profile	↔ mm	⚖ g
610 001 0	006647	polished	0.25 – 0.5 mm² / 0.75 – 1.0 mm² / 1.5 mm² / 2.5 mm²		150	142

PEW 15 – Hand crimping tool

- Crimping tool for thick-walled connectors (with and without seal)
- Interchangeable crimping dies, locators and positioning guides for a wide range of contacts
- Parallel crimping jaw closing action
- Low hand force required, thanks to efficient lever action
- Crimping force 15 kN
- Forced-lock completion of crimping process to ensure reliable crimping results (with emergency release)
- Re-adjustable crimp pressure
- One- and two-handed operation
- Lightweight aluminum tool body
- Plastic-coated grips



Art. No. 695 000 2 + 695 001 3 01

Art. No.	EAN 4049002	Finish	Profile	Conne- ctors	↔ mm	⚖ g
695 000 2	019609	Tool without dies			340	1,250
695 001 3 01	138287	Die set and locator for connectors Aptiv (Delphi) Ducon 9.5 with seal, (15327010/15327010-L), 4.0 mm²			36	86
695 002 3 01	145599	Die set and locator for connectors Aptiv (Delphi) Ducon 9.5 with seal, (15327010/15327010-L), 6.0 mm²			36	86
695 003 3 01	145605	Die set and locator for connectors Aptiv (Delphi) Ducon 9.5 with seal, (10730408/10730408-L), 10.0 mm²			36	86
695 025 3 01	145612	Die set and locator for connectors Yazaki mit Seal, (7114-3250, 7116-3250), 6.0 mm² / AWG 8			36	86
695 030 3 01	133657	Die set and locator for connectors TE Maxi Power Timer, (962932/962933), 10.0 mm²			50	105
695 032 3 01	133664	Die set and locator for connectors TE Maxi Power Timer with Seal, (962938/962939), 6.0–10.0 mm²			50	105
695 043 3 0	137488	Die set for connectors MTA F800, (1707650/1107650), 1.5–2.5 mm²			36	60
695 044 3 0	137495	Die set for connectors MTA M800, WP M800, (1707675/1107675, 1707700/1107700), 4.0 mm²			36	60
695 045 3 0	137501	Die set for connectors MTA F800, (1707660/1107660), 6.0 mm²			36	60
695 046 3 0	137518	Die set for connectors MTA M800, WP M800, (1707685/1107685, 1707710/1107710), 6.0 mm²			36	59
695 647 3 01	112577	Die set and locator for connectors TE Maxi Power Timer with Seal, (962936, 963772), 4.0–6.0 mm²			36	105

Processing contacts and connectors

Service solutions

**Process miniature contacts
with ease and precision.**



Art. No. 616 667 3 1



Parallel crimping jaw closing action



Pivoting multi-function locator made from aluminum



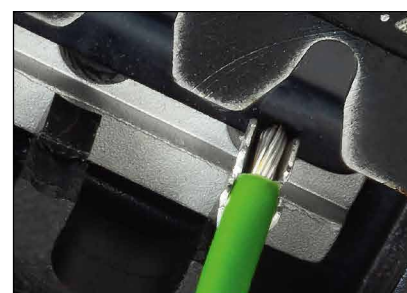
Short grip distance

PEW 6 – Small and precise

- Developed for small connector designs with a crimping range of 0.03 to 2.5 mm²/AWG 32–14
- Precise, factory-set (calibrated) crimping pressure
- Forced-lock completion of crimping process to ensure reliable crimping results (with emergency release)
- Locators made from metal for exact connector and cable positioning
- Small and compact design



Art. No. 616 667 3 1



The pivoting locator ensures the exact orientation and fixation of the contact, and also serves as a wire stop for the cable. Together with parallel crimp jaw closing and forced-lock completion of the crimping operation, this ensures a perfect crimped connection.

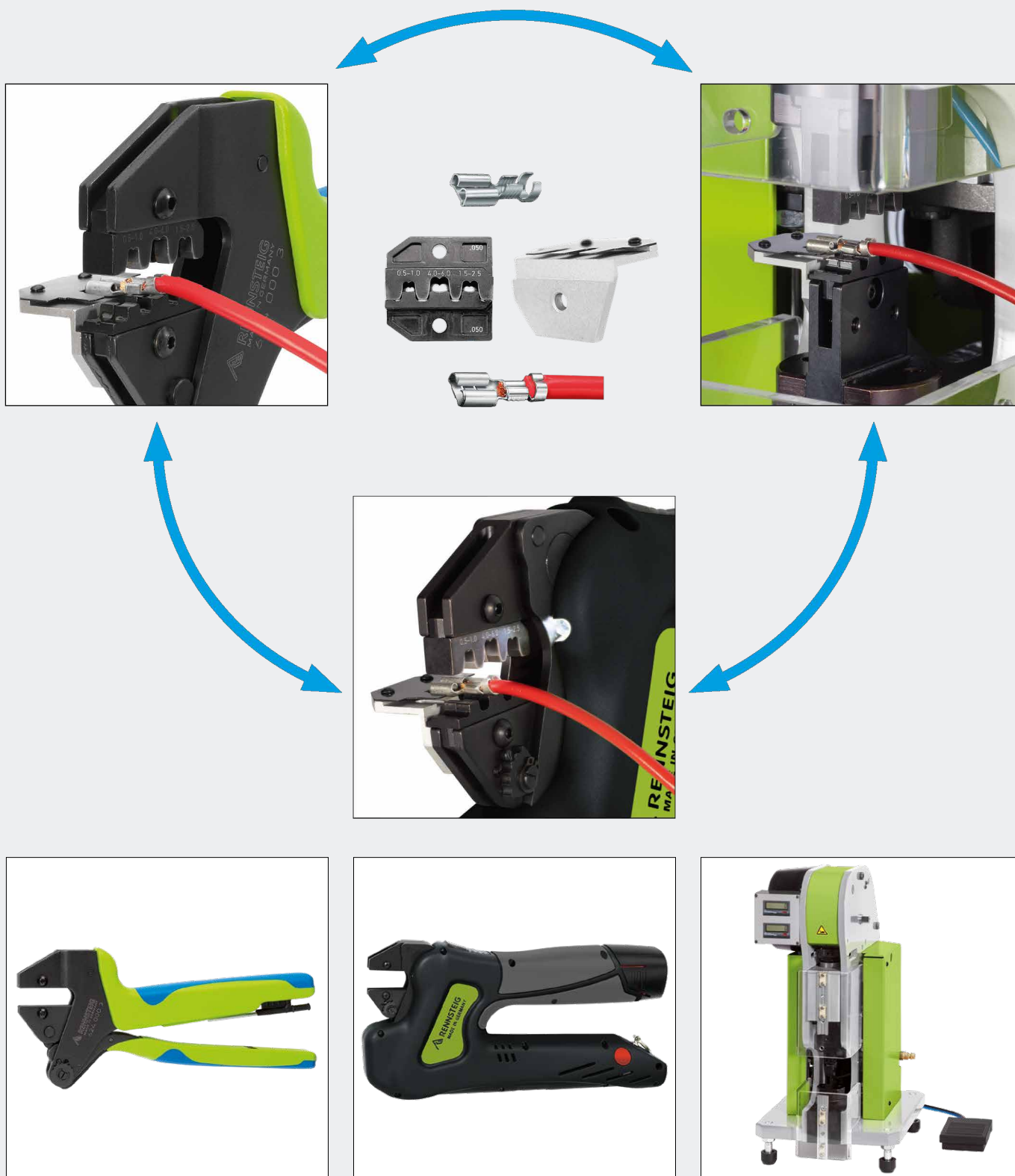
Art. No.	EAN 4049002	Finish	Profile	Connectors	Capacity	↔ mm	⚖ g
616 001 3 1	025860	Tool with die and locator		TE – HD 22	0.14–0.2 mm ² / 0.25–0.32 mm ²	190	358
616 002 3 1	025907	Tool with die and locator		TE – Modul IV (Tandem)	0.03–0.09 mm ² / 0.12–0.14 mm ² / 0.2–0.56 mm ²	190	300
616 003 3 1	025945	Tool with die and locator		TE – Micro Timer	0.2–0.5 mm ² / 0.35–0.75 mm ² / 0.5–1.0 mm ²	190	363
616 011 3	028533	Tool with die		Open Ferrules according to DIN-Standard 46228-2	0.5–1.0 mm ² / 1.5 mm ² / 2.5 mm ²	190	270
616 024 3 1	095382	Tool with die and locator		Molex – Micro-Fit	AWG 20 / AWG 24–22 / AWG 30–26	190	358
616 026 3 1	095375	Tool with die and locator		Molex – Mini-Fit	AWG 16 / AWG 18 / AWG 24–20	190	358
616 027 3 1	128080	Tool with die and locator		Molex – C-Grid III	AWG 24–22 / AWG 28–26	190	358
616 028 3 1	095399	Tool with die and locator		Molex – 2,54 mm KK	AWG 30–26 / AWG 24–22 / AWG 24–22 / AWG 30–26	190	358
616 667 3 1	025983	Tool with die and locator		TE – D-Sub, HD20, HDE	0.03–0.09 mm ² / 0.08–0.2 mm ² / 0.2–0.56 mm ²	190	300
616 682 3 1	026027	Tool with die and locator		TE – MQS	0.25 mm ² / 0.35 mm ² / 0.5 mm ²	190	300

Processing contacts and connectors

Crimping system solutions

The ideal crimping system

Buy once – use in many tools



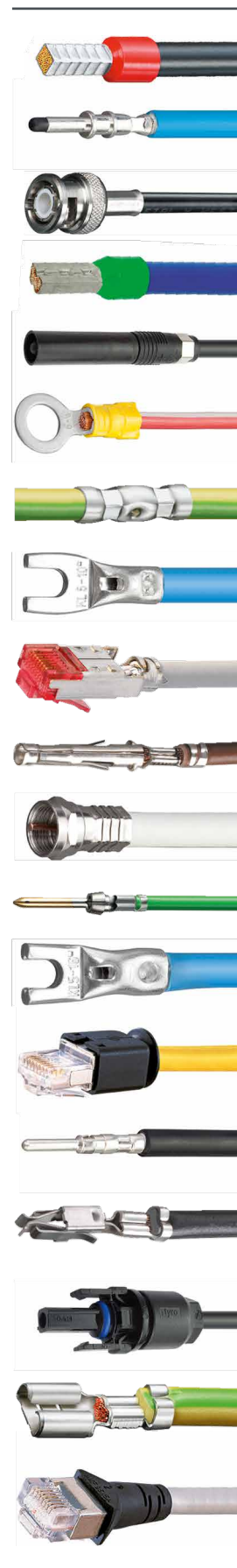
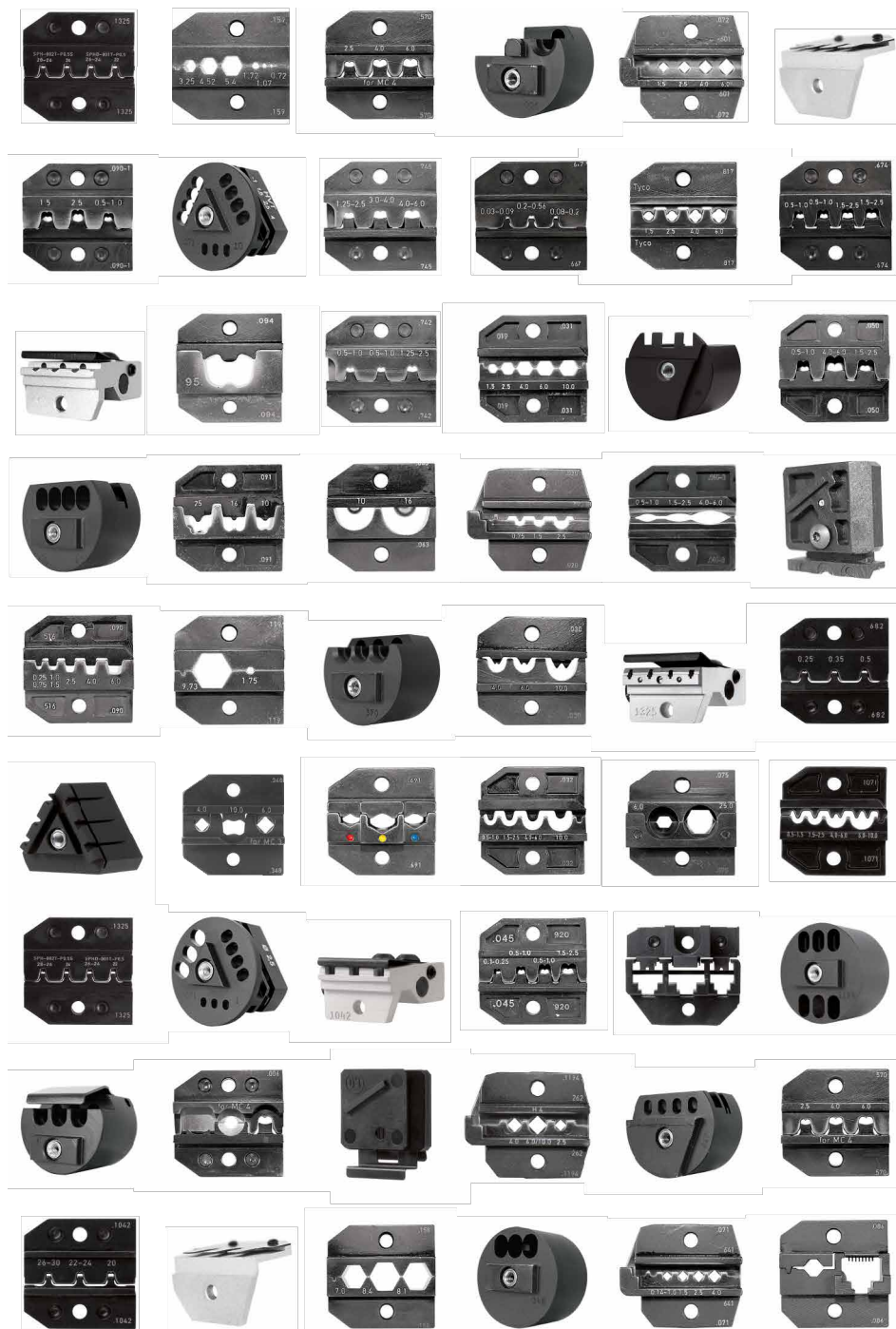
Crimp System Tool PEW 12

Battery powered crimping tool E-PEW 12

Pneumatic Crimping Machines CM 25

The ideal crimping system

- A crimping system enables the high-quality processing of the widest variety of crimp connectors
- Parallel crimping jaw closing action, exact contact positioning
- Several hundred interchangeable crimp dies and positioning guides already available, covering the widest range of applications for leading contact manufacturers
- To ensure process reliability, we always recommend using the available positioning guides
- Many variations, quick and easy to change
- Use a hand crimping tool, powered crimper or crimping machine – matched to the work in hand, conductor cross-section and lot size



Processing contacts and connectors

Crimping system solutions

Highly efficient crimping for multiple systems.



Art. No. 624 071 3 1



Replaceable crimp dies



Locator and wire stop can be fitted



Pliers with accessories in a plastic case – can be kitted out with up to 7 crimp dies and one positioning guide

Crimp System Tool PEW 12

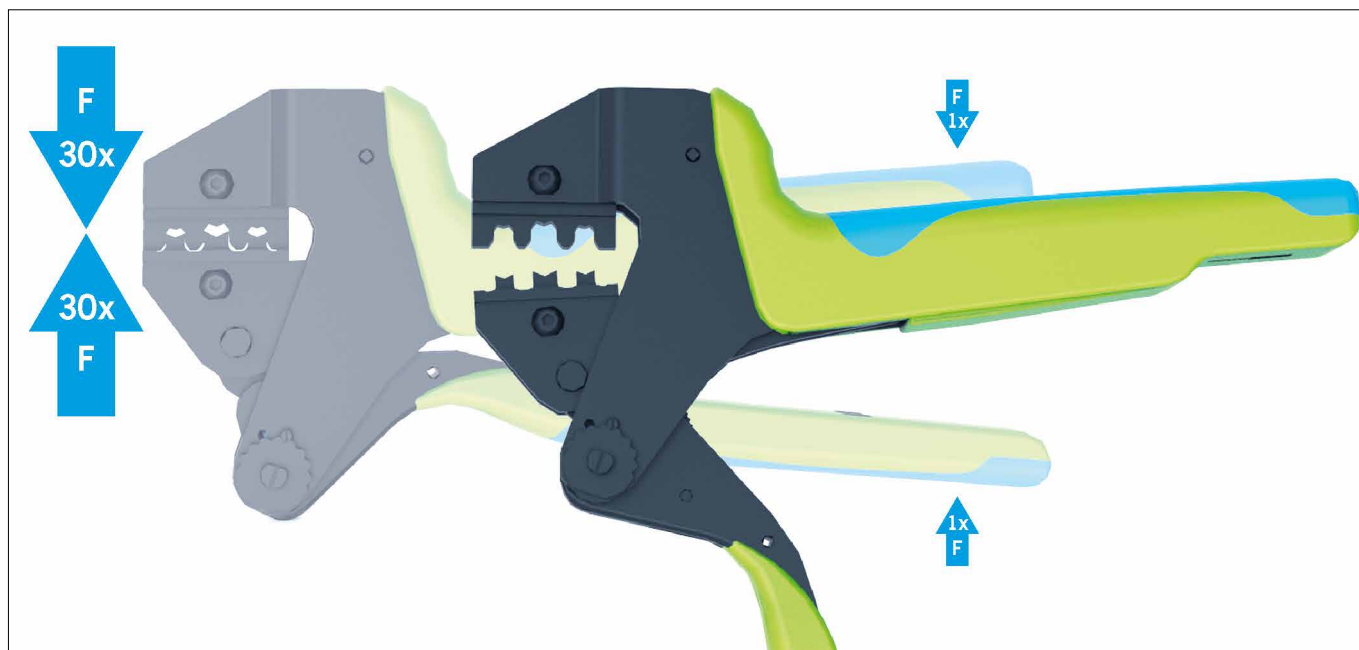
- Special crimping tool for crimping virtually any recent type of crimp connector
- Guarantees exact, solder-free electrical connections
- Parallel crimping jaw closing action
- Optimum leverage
- Forced-lock completion of crimping process to ensure reliable crimping results (with emergency release)
- User-friendly with ergonomic centre of gravity
- One- and two-handed operation
- Wide range of possible combinations



Art. No. 624 000 3



Art. No. 624 000 6



Low hand force is needed to generate a powerful crimping force (ratio 1:30). Parallel crimping jaw closing action guarantees an optimum crimp result.

Info

Several hundred types of crimping dies are now available for the PEW 12 system tool, as well as positioning guides for a wide range of applications.

Art. No.	EAN 4049002	Description	↔ mm	⚖ g
624 000 3	014000	Crimp System Tool PEW 12, black-oxide finish, without die set, without positioning guide	200	620
624 000 6	014017	Crimp System Tool PEW 12, chrome plated, without die set, without positioning guide	200	620
624 101 3	016172	Crimp System Tool PEW 12 in plastic case, black-oxide finish, without die set, without positioning guide	265 x 220 x 50	1,030
624 101 6	014789	Crimp System Tool PEW 12 in plastic case, chrome plated, without die set, without positioning guide	265 x 220 x 50	1,030
624 40098 3	058196	Tabletop mount for PEW 12	190	200

Processing contacts and connectors

Crimping system solutions

Effortless crimps.



Art. No. 6370 0100 1



Low-maintenance electromechanical drive



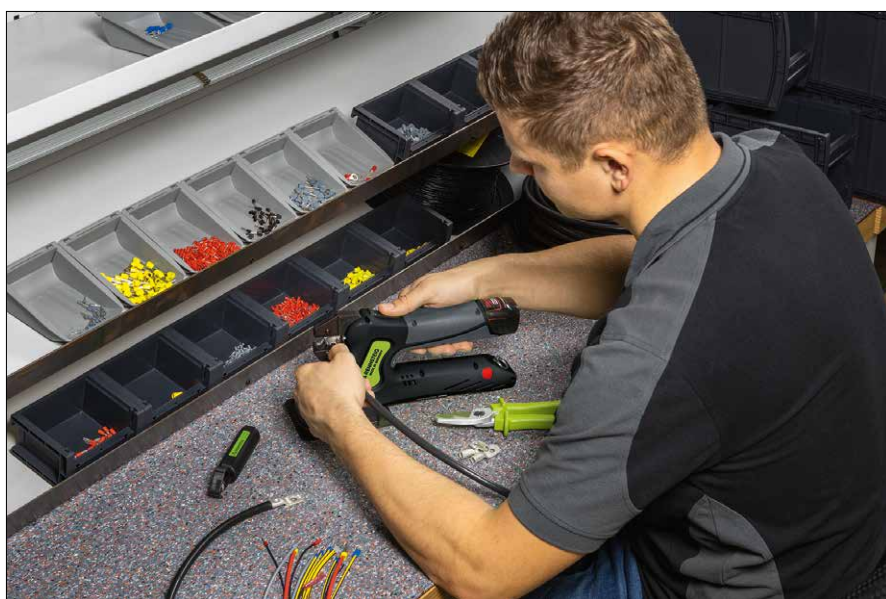
Process monitoring with multi-function display



Supplied in a plastic case with rechargeable battery (12 V / 2.0 Ah) and charger, can be fitted with crimp dies and positioning guides from the crimping system

Battery powered crimping tool E-PEW 12

- Can be combined with all available crimping die sets, positioning guides, wire stops, etc. from the PEW 12 hand crimping tool
- Combines the benefits of the hand tool with a (lithium-ion) battery-operated drive system
- Parallel crimping is implemented as a flexible, user-friendly technique
- Cost-effective to run: robust and fault-tolerant plus long periods between maintenance
- Jog mode for exact contact positioning – no overshoot
- Emergency release and reset function
- Compact design with ergonomic working height and illuminated work area
- Low level of noise emissions
- **Special model with larger system dimensions (16 mm) available – art. no. 6371 0100 1**



Art. No.	EAN 4049002	Description	↔ mm	⚖ g
6370 0100 1	097126	Powered crimper in case with 12 V/2 Ah battery and EU charger (no crimp die sets, no positioning guides)	500 x 420 x 125	4,700
6370 0200 1	097133	Powered crimper in case with 12 V/2 Ah battery and UK charger (no crimp die sets, no positioning guides)	500 x 420 x 125	4,700
6370 0300 1	097140	Powered crimper in case with 12 V/2 Ah battery and US charger (no crimp die sets, no positioning guides)	500 x 420 x 125	4,700
6370 0400 1	097157	Powered crimper in case with 12 V/2 Ah battery and Australia/Oceania charger (no crimp die sets, no positioning guides)	500 x 420 x 125	4,700
6370 0002 0	098369	Li-Ion battery 12V / 2.0 Ah	50 x 55 x 90	180
6370 0004 0	149177	Li-Ion battery 12V / 4.0 Ah	50 x 55 x 90	400
6370 0057 0	105036	Bench mount for E-PEW 12		60
6370 00429 0	144295	Shoulder strap for E-PEW 12		225

Processing contacts and connectors

Crimping system solutions

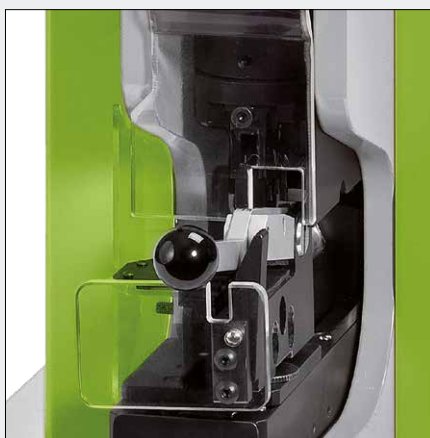
High-volume crimping.



Art. No. 636 025-1



Model CM 25-1 – crimping machine for universal use with guards



Model CM 25-5 – crimping machine with sliding table



Model CM 25-6 – crimping machine with reduced stroke, without guards

Pneumatic Crimping Machines CM 25

- Compatible with most crimp dies and positioning guides for the PEW 12 crimp system tool
- Compact, maintenance-free table-top device in various models for a wide range of manufacturing requirements
- Quick and simple retooling makes it suitable for short- and medium-run production
- 360° rotating mount for crimp dies (not applicable to CM25-5)
- Fine adjustment of crimp height possible with setting nut on press ram
- Hand or foot actuation
- Crimping force 25 kN
- Height-adjustable feet
- Special models, e.g. with larger system dimensions (16 mm) can be found in the 'Special solutions and accessories' section



Art. No.	EAN 4049002	Description	Capacity mm ²	↔ mm	⚖ g
636 025-1	034305	Crimping machine CM 25-1 without crimp dies, without positioning guides		325 x 280 x 500	33,500
636 025-5	086885	Crimping machine CM 25-5 with sliding tray without crimp dies, without positioning guides		325 x 280 x 500	33,500
636 025-6	086892	Crimping machine CM 25-6 with < 6 mm stroke without crimp dies, without positioning guides		325 x 280 x 500	33,500
636 025 0 29	017506	Footswitch for crimping machines CM 25		240 x 150 x 140	700

Processing contacts and connectors

Crimping system solutions

Universal positioning guide for PEW 12 crimping system

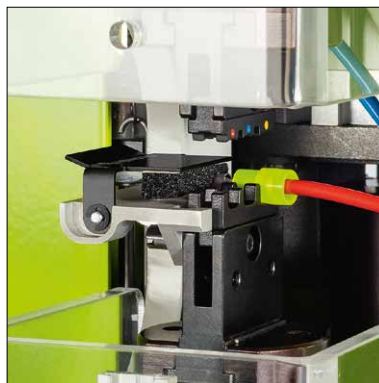
- Positioning guides recommended for insulated and non-insulated connectors
- Simple solution for prototyping and short-run manufacturing
- Compatible with the PEW 12 crimp system tool, E-PEW 12 battery-powered crimper and the CM 25 crimping machine
- Quick and simple connector positioning
- Individually adjustable to the application
- Flexible mount adjusts to connector geometry without damaging the connector



Art. No. 624 000 3 + 624 060 3 0 +
624 060 0 011



Art. No. 6370 0100 1 + 624 060 3 0 +
624 060 0 011



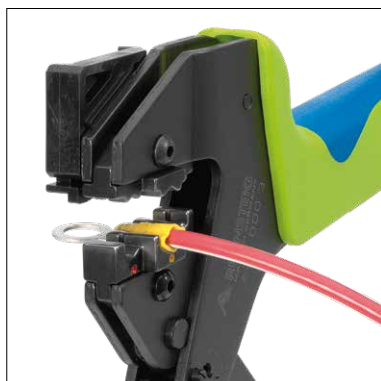
Art. No. 636 025-1 + 624 060 3 0 +
624 060 0 011

Art. No.	EAN 4049002	Capacity	Profile	Connectors	Illustration	Range of applications				
						PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 060 0 011	148255	Locator for Insulated Contacts up to 6,0 mm ² / for Non-insulated Contacts up to 10,0 mm ²				•	•	•	•	•

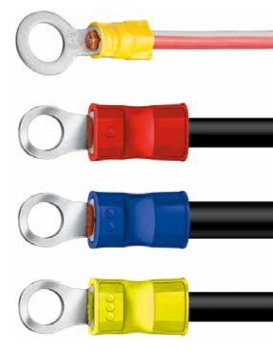
Crimp dies for insulated connectors according to DIN 46237



Art. No. 624 000 3 + 624 060 3 0



Art. No. 624 000 3 + 624 691 3 0 +
624 691 0 0125



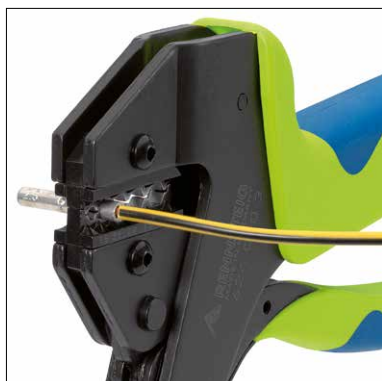
Art. No.	EAN 4049002	Capacity	Profile	Connectors	Illustration	Range of applications				
						PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 036 3 0	125003	0.1 – 0.5 mm ² non-insulated 0.1 – 0.5 mm ² insulated				•	•	•	•	•
624 060 3 0	014444	0.5 – 1.0 mm ² 1.5 – 2.5 mm ² 4.0 – 6.0 mm ²				•	•	•	•	•
624 060-6 3 0	111716	0.1 – 0.25 mm ² 0.3 – 0.5 mm ² 0.5 – 1.0 mm ²				•	•	•	•	•
624 063 3 0	016455	10.0 mm ² 16.0 mm ²				•	•	•	•	
624 691 3 0	025228	0.5 – 1.0 mm ² 4.0 – 6.0 mm ² 1.5 – 2.5 mm ²				•	•	•	•	•
624 691 0 0125	128134	Locator and Wire Stop				•	•	•*	•*	•*
624 1389 3 0	130700	1.5 – 2.5 mm ² 4.0 – 6.0 mm ² 0.5 – 1.0 mm ²				•	•	•	•	•

* without wire stop

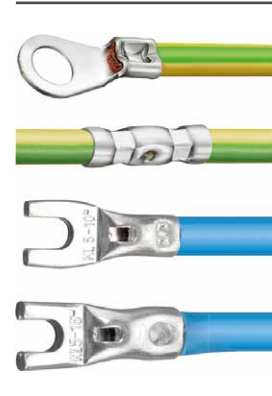
Processing contacts and connectors

Crimping system solutions

Crimp dies for non-insulated connectors according to DIN 46234/46235/46267



Art. No. 624 000 3 + 624 031 3 0



Art. No.	EAN 4049002	Capacity	Profile	Connectors	Illustration	Range of applications				
						PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 020 3 0	014048	0.25–0.75 mm ² 1.0–1.5 mm ² 2.5 mm ²				•	•	•	•	•
624 030 3 0	014079	4.0 mm ² 6.0 mm ² 10.0 mm ²				•	•	•	•	•
624 031 3 0	014109	1.5 mm ² 2.5 mm ² 4.0 mm ² 6.0 mm ² * 10.0 mm ² *				•	•	•	•	•
624 032 3 0	014451	0.5–1.0 mm ² 1.5–2.5 mm ² 4.0–6.0 mm ² 10.0 mm ²				•	•	•	•	•
624 033 3 0	026683	16.0 mm ² 25.0 mm ²				•	•	•	•	•
624 036 3 0	125003	0.1–0.5 mm ² non-insulated 0.1–0.5 mm ² insulated				•	•	•	•	•
624 1071 3 0	111075	0.5–1.5 mm ² 1.5–2.5 mm ² 4.0–6.0 mm ² * 6.0–10.0 mm ² *				•	•	•	•	•

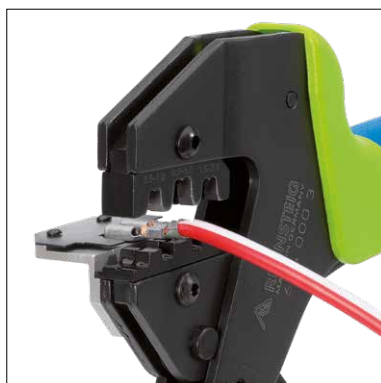
* According to DIN 46267

Crimp dies for flat connectors

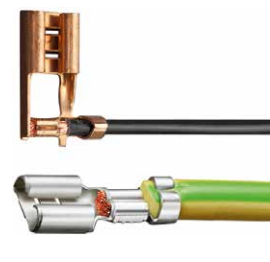
– According to former DIN 46247, 46345, 46346



Art. No. 624 000 3 + 624 745 3 0



Art. No. 624 000 3 + 624 050 3 01

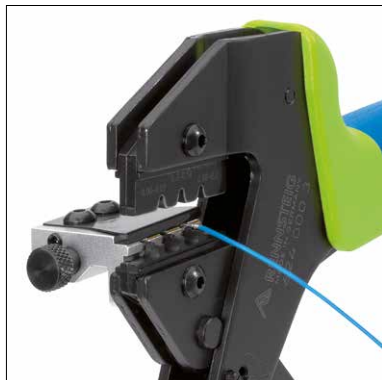


Art. No.	EAN 4049002	Capacity	Profile	Connectors	Illustration	Range of applications				
						PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 045 3 01	132292	0.1–0.25 mm ² 0.5–1.0 mm ² 0.5–1.0 mm ² 1.5–2.5 mm ² , with locator, tab width 2.8 + 4.8 mm				•	•	•	•	•
624 050 3 01	114427	0.5–1.0 mm ² 1.5–2.5 mm ² 4.0–6.0 mm ² , with locator, tab width 4.8 + 6.3 mm				•	•	•	•	
624 742 3 0	019197	0.5–1.0 mm ² 0.5–1.0 mm ² 1.25–2.5 mm ²				•	•			
624 742-1 3 0	143939	0.5–1.0 mm ² 0.5–1.0 mm ² 1.25–2.5 mm ²				•	•			
624 745 3 0	019203	1.25–2.5 mm ² 3.0–4.0 mm ² 4.0–6.0 mm ²				•	•			
624 745-1 3 0	098109	1.25–2.5 mm ² 3.0–4.0 mm ² 4.0–6.0 mm ²				•	•			

Processing contacts and connectors

Crimping system solutions

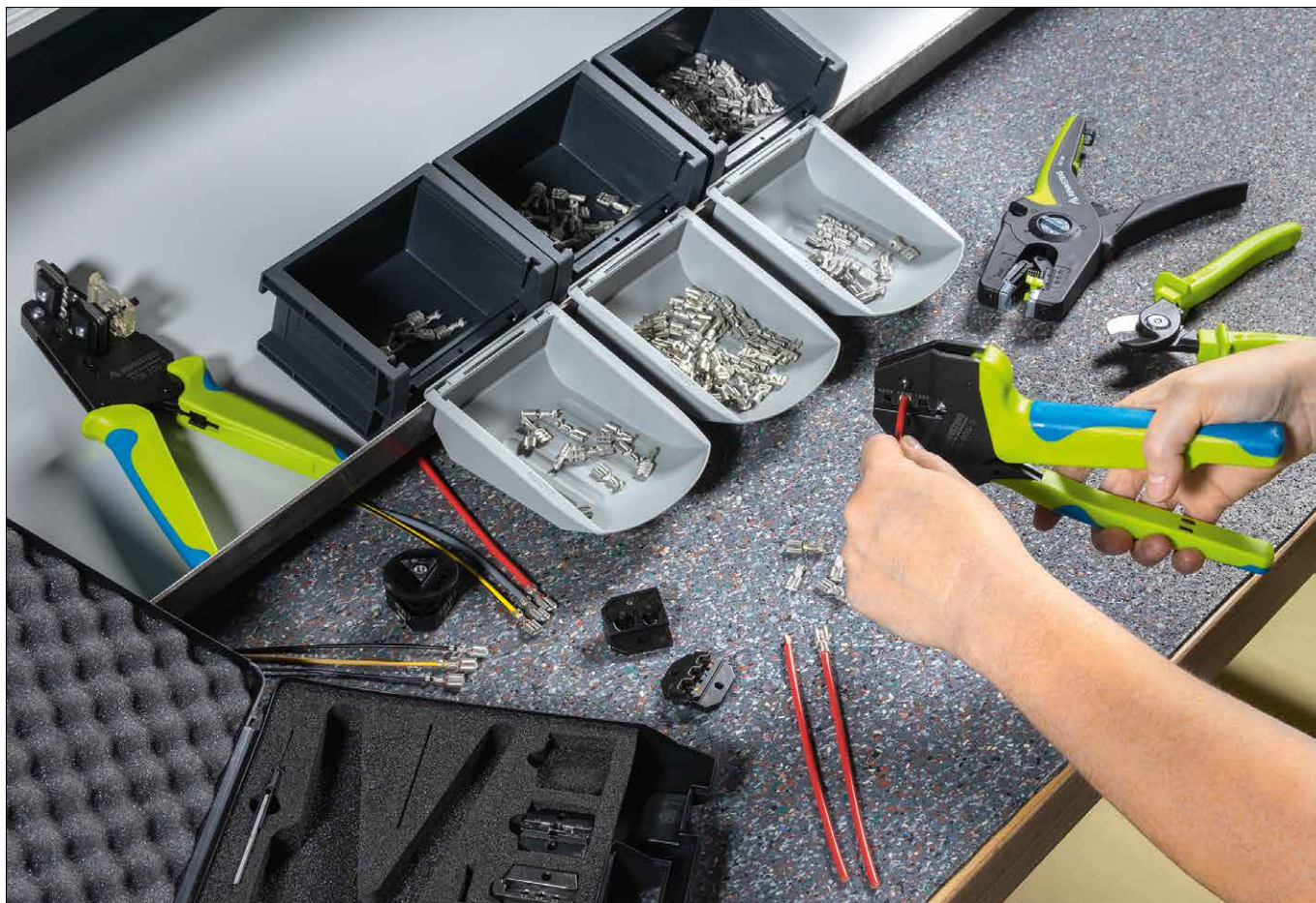
Crimp dies for rolled and punched contacts



Art. No. 624 000 3 + 624 667 3 01

Art. No.	EAN 4049002	Capacity	Profile	Connectors	Illustration	Range of applications				
						PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 667 3 01	113024	0.03–0.09 mm ² 0.2–0.56 mm ² 0.08–0.2 mm ² , with locator		 D-Sub		•	•	•	•	•
624 674 3 023	059254	0.5–1.0 mm ² 0.5–1.0 mm ² 1.5–2.5 mm ² 1.5–2.5 mm ² , with contact support and wire stop		 Junior P. Timer		•	•	•*	•*	•*
624 682 3 012	105999	0.25 mm ² 0.35 mm ² 0.5 mm ² , with locator and wire stop		 MQS		•	•	•*	•*	•*
624 1042 3 01	106392	AWG 30–26 AWG 24–22 AWG 20, with locator		 Micro-Fit		•	•	•	•	•

* without wire stop



Art. No.	EAN 4049002	Capacity	Profile	Connectors	Illustration	Range of applications				
						PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 1043 3 01	104442	AWG 24–20 AWG 18 AWG 16, with locator		 Mini-Fit		•	•	•	•	•
624 1325 3 01	122538	AWG 28–26 AWG 24 AWG 26–24 AWG 22, with locator		 JST SPH series		•	•	•	•	•

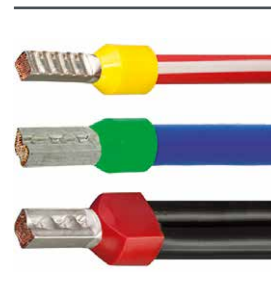
Info

For other applications for rolled and turned contacts, see also the 'Crimp die sets for solar connectors' section. Details also available from our website at www.rennsteig.com.

Processing contacts and connectors

Crimping system solutions

Crimp dies for wire-end ferrules



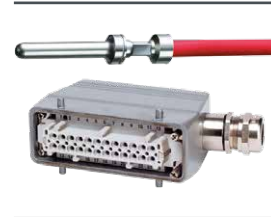
Art. No. 624 000 3 + 624 097 3 0

Art. No.	EAN 4049002	Capacity	Profile	Connectors	Illustration		Range of applications				
							PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 090 3 0	014598	0.25 – 0.75 mm ² 1.0 – 1.5 mm ² 2.5 mm ² 4.0 mm ² 6.0 mm ²					•	•	•	•	•
624 090-5 3 0	112560	0.25 – 0.75 mm ² 1.0 – 1.5 mm ² 2.5 mm ² 4.0 mm ² 6.0 mm ² Crimp width 20 mm					•	•	•	•	•
624 091 3 0	014628	25.0 mm ² 16.0 mm ² 10.0 mm ²					•	•	•	•	•
624 092 3 0	014659	50.0 mm ² 35.0 mm ²					•	•	•		
624 096-1 3 0	126963	25.0 mm ² , Crimp width 32 mm, Front insertion					•	•			
624 096-2 3 0	126970	16.0 mm ² , Crimp width 32 mm, Front insertion					•	•			
624 096-3 3 0	126987	10.0 mm ² , Crimp width 32 mm, Front insertion					•	•			
624 097 3 0	028465	2x 16.0 mm ² 2x 10.0 mm ² 2x 6.0 mm ²					•	•	•	•	•

Info

The UL certificate applies only when using the labelled tool in conjunction with the wire-end ferrules that we offer, as listed on pages 109–110. Tools for processing larger and longer wire-end ferrules can be found in the 'Special solutions and accessories' section. Details also available from our website at www.rennsteig.com.

Crimp dies for turned contacts



Art. No. 624 000 3 + 624 071 3 0 +
624 071 0 01

Art. No.	EAN 4049002	Capacity	Profile	Connectors	Illustration	Plug Ø	Range of applications				
							PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 071 3 0	014482	0.14 – 1.0 mm ² 1.5 mm ² 2.5 mm ² 4.0 mm ²					•	•	•	•	•
624 071 0 01	014499	Locator				1.6/ 2.4/ 2.5 mm	•	•	•	•	•
624 072 3 0	014529	1.5 mm ² 2.5 mm ² 4.0 mm ² 6.0 mm ²					•	•	•	•	•
624 072 0 01	014536	Locator				4.0 mm	•	•	•	•	•
624 073 3 0	028571	4.0 mm ² 6.0 mm ² 10.0 mm ²					•	•	•	•	
624 073 0 01	028557	Locator				1.6/ 2.5/ 3.6 mm	•	•	•	•	
624 074 3 01	028724	10.0 mm ² 16.0 mm ²					•	•	•	•	•
624 075 3 01	028755	6.0 mm ² 25.0 mm ²					•	•	•	•	•
624 079 3 0	019081	2.5 mm ² 6.0 mm ²					•	•	•	•	•

Info

Assembly and disassembly tools for these connector types can be found under ----> 'Accessories'.
Turned contacts can also be processed with our ----> '4/8 indent solutions'.

Processing contacts and connectors

Crimping system solutions

Crimp dies for data connectors



Art. No. 624 000 3 + 624 080 3 0



Art. No.	EAN 4049002	Capacity		Profile	Connectors	Illustration	Range of applications				
							PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 080 3 0	014567	RJ plugs – RJ9, RJ10, RJ11, RJ12, RJ45, unshielded	4-, 6-, 8-pin				•				
624 081 3 0	023736	Molex plugs (short design), unshielded	4-, 6-, 8-pin				•				
624 082 3 0	131875	RJ plugs – RJ45, RJ50, unshielded	4-, 6-, 10-pin				•				
624 086 3 0	023743	Stewart connectors, shielded	8-pin				•	•	•		•

Crimp dies for coax and fibre-optic connectors



Art. No. 624 000 3 + 624 100 3 0



Art. No.	EAN 4049002	Cable name	Capacity		Profile	Connectors	Illustration	Range of applications				
			Width across flats	Crimp ferrule Ø				PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 100 3 0	014741	RG58/59, RG62/71	5.4 / 6.48 / 1.72 mm	6.4 / 7.6 / 2.1 mm				•	•	•	•	
624 114 3 0	019111	RG213, RG11	10.9 / 2.54 mm	12.0 / 3.0 mm				•	•	•	•	
624 119 3 0	019142	1.0/6.6	9.73 / 1.75 mm	10.7 / 2.1 mm				•	•	•	•	
624 120 3 0	019227	Fibre-optic	3.0 / 4.95 / 6.5 mm	3.5 / 6.0 / 7.5 mm				•	•	•	•	
624 155 3 0	023774	Fibre-optic	4.2 / 3.65 / 5.0 mm	5.4 / 4.3 / 6.0 mm				•	•	•	•	
624 158 3 0	023798	Belden	7.0 / 8.4 / 8.1 mm	7.7 / 9.5 / 9.5 mm				•	•	•	•	
624 159 3 0	023804	RG58, RG174, RG316, RG188	3.25 / 4.52 / 5.4 / 1.72 / 1.07 / 0.72 mm	3.9 / 5.4 / 6.4 / 2.1 / 1.3 / 0.95 mm				•	•	•	•	
624 190 3 0	019166	Fibre-optic	3.25 / 3.65 / 4.52 mm	3.6 / 4.0 / 5.4 mm				•	•	•	•	

Info

Many other crimp die sets are also available for the PEW 12 system for processing coax and fibre-optic connectors. Please see our website at www.rennsteig.com or contact us directly for details.

Processing contacts and connectors

Crimping system solutions

Crimp dies for MC4 solar connectors



Art. No. 624 000 3 + 624 1193 3 0 +
624 1193 0 01

Art. No. 624 004 3 0 / 624 006 3 0
Cutting, stripping and crimping in a single tool

Art. No.	EAN 4049002	Contact ma- nufacturer	Capacity	Profile	Connectors	Illustration	Range of applications				
							PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 004 3 0	011245	Multi-contact, for MC4	4.0 mm ²				•	•			
624 004 0 01	071232		Locator				•	•			
624 006 3 0	011115	Multi-contact, for MC4	6.0 mm ²				•	•			
624 006 0 01	077869		Locator				•	•			
624 570 3 0	034411	Multi-contact, for MC4	2.5 mm ² 4.0 mm ² 6.0 mm ²				•	•	•	•	
624 570 0 01	005381		Locator				•	•	•	•	
624 1193 3 0	073137	Multi-contact, for MC4	4.0 mm ² 10.0 mm ² 6.0 mm ²				•	•	•*	•	
624 1193 0 01	073113		Locator				•	•	•	•	
625 51332 3 0	148286	Multi-contact, for MC4 EVO 2	4.0 mm ² 10.0 mm ² 6.0 mm ²				•**		•*	•	
625 51332 0 01	148293		Locator				•**		•***	•	
690 001	029943		Assembly Device for Solar Connectors „MC4“, 2 pcs as a set								

* Use of the CM25-1 for a capacity of 10 mm² depends on the cable insulation thickness.

** Application for use with MC4 EVO 2 requires a special model of the PEW 12 crimp system (Art. No. 625 50000 3) tool and cannot be used in the E-PEW 12 powered crimper.

*** Required

Crimp dies for other solar connectors



Art. No. 624 000 3 + 624 1194 3 0 +
624 1194 0 01



Art. No.	EAN 4049002	Contact manufacturer	Capacity	Profile	Connectors	Illustration	Range of applications				
							PEW 12	E-PEW 12	CM 25-1	CM 25-5	CM 25-6
624 071-1 3 0	077814	Wieland	0.14 – 1.0 mm ² 1.5 mm ² 2.5 mm ² 4.0 mm ²				•	•	•	•	•
624 071 0 016	056741		Locator				•	•	•	•	•
624 817 3 0	005770	TE Solarlok HVT-C	1.5 mm ² 2.5 mm ² 4.0 mm ² 6.0 mm ²				•	•	•	•	•
624 817 0 01	005763		Locator				•	•	•	•	•
624 1186 3 0	092121	Tong Ling TL4	4.0 mm ² 6.0 mm ²				•	•	•	•	
624 1186 0 01	092138		Locator				•	•	•	•	
624 1194 3 0	016059	Amphenol Helios H4	4.0 mm ² 6.0 – 10.0 mm ² 2.5 mm ²				•	•	•*	•	
624 1194 0 01	017407		Locator				•	•	•	•	•
624 1384 3 0	148262	Amphenol UTX-C&F/H4 CF	4.0 mm ² 10.0 mm ² 6.0 mm ² 6.0 mm ²				•	•	•	•	•
624 1384 0 01	148279		Locator				•	•			

* Use of the CM25-1 for a capacity of 10 mm² depends on the cable insulation thickness.

Info

For processing solar connectors, RENNSTEIG offers a range of kits with multiple tools in a plastic case. For details, please see the 'Application-based sets/kits' section or visit our website at www.rennsteig.com.

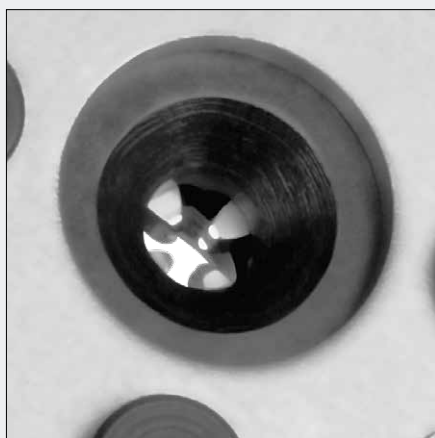
Processing contacts and connectors

4/8 indent solutions

Reliable crimping of turned aviation contacts.



Art. No. 8738 0000 6



Crimp indenters meet MIL/SAE AS22520 specifications



Easy adjustment of crimp depth via adjustment wheel with 8 setting positions



Selector position can be read off from either side of the tool

SelectorCrimp 4/8 indent crimping tool for aviation contacts

- Special crimping tool for crimping turned pin and socket contacts, primarily according to AS39029 and EN3155
- Crimp indenters, adapter ring and selector stages comply with specifications from the AS22520 aviation standard
- Use of locators according to the AS22520 aviation standard and structurally identical models easily possible
- For details, please see the 'Locators and positioning guides for aviation contacts' section
- Checking of default setting using go/no-go gauges
- Reliable crimping with forced-lock completion of crimping operation and synchronous closing of crimp indenters
- Optimised opening width, ergonomic design, reduced hand force
- Approved by the Airbus Group (AIP107-03-001)



Art. No.	EAN 4049002	Finish	Illustration	Capacity	Max. contact Ø mm	Acc. to	↔ mm	⚖ g
8728 0000 6	101281	Pliers without locator, Plastic-coated grips		AWG 28 – 16	4.0	AS22520/7-01	175	295
8738 0000 6	104381	Pliers without locator, Plastic-coated grips		AWG 32 – 20	3.6	AS22520/2-01	175	295
8758 0000 6	097331	Pliers without locator, Plastic-coated grips		AWG 26 – 12	5.5	AS22520/1-01	230	553
8752 0000 6	111174	Pliers without locator, 2-component grips		AWG 26 – 12	5.5	AS22520/1-01	230	582
8791 0303 01	114267	Go-NoGo-Testing Gauges for 8728 0000 6				AS22520/3-03	76.5	25
8791 0301 01	114250	Go-NoGo-Testing Gauges for 8738 0000 6, 8758 0000 6 und 8752 0000 6				AS22520/3-01	76.5	25

Processing contacts and connectors

4/8 indent solutions

Intelligent processing of turned aviation contacts.

patented



Art. No. 8736 0000 6

Sel.	inch		mm	
	Min.	Max.	Min.	Max.
1	.0130	.0180	0.33	0.46
2	.0160	.0210	0.41	0.53
3	.0190	.0240	0.48	0.61
4	.0220	.0270	0.56	0.69
5	.0260	.0310	0.66	0.79
6	.0300	.0350	0.76	0.89
7	.0340	.0390	0.86	0.99
8	.0390	.0440	0.99	1.12

Selector position with mm/inch setting values can be easily read off the tool



Precise settings via adjustment wheel, color-coded



Various tool models conforming to AS22520 aviation standard

4/8-Indent Crimping Tool DigiCrimp for Aviation Contacts

- Suitable for crimping turned pin and socket contacts, primarily according to AS39029 and EN3155
- Crimp indenter geometry and adapter ring fulfil specifications from the AS22520 aviation standard
- Crimp indenter closing can be adjusted in steps of 0.01 mm and can be viewed digitally
- Multifunctional digital display, setting in mm, inches or comparable selector positions according to AS22520 aviation standard
- Checking of default setting with enclosed test gauge
- Recalibration function
- Electronic wear monitoring (patented) with warning function
- Reliable crimping with forced-lock completion of crimping operation and synchronous closing of crimp indenters
- Various setting functions accessible (remaining life, number of calibrations, serial number)
- RENNSTEIG positioning guides and/or locators can be used according to aviation standard (please also see the 'Locators and positioning guides for aviation contacts' section)



Art. No.	EAN 4049002	Finish	Illustration	Capacity	Max. contact Ø mm	Acc. to	↔ mm	⚖ g
8726 0000 61	095931	Pliers in plastic case without locator		0.08 – 2.5 mm² / AWG 28 – 16	4.0	AS22520/7-01	260	820
8736 0000 61	056956	Pliers in plastic case without locator		0.03 – 0.5 mm² / AWG 32 – 20	3.6	AS22520/2-01	260	820
8756 0000 61	057687	Pliers in plastic case without locator		0.14 – 6.0 mm² / AWG 26 – 12	5.5	AS22520/1-01	270	1,160

Processing contacts and connectors

4/8 indent solutions

Single locators/positioning guides for aviation contacts

- Design meets AS22520/7 aviation standard
- Exact positioning for contacts according to AS39029, EN3155 and comparable types
- Setting details can be read off directly on the positioning guide to ensure reliable, reproducible crimps
- Can be used with RENNSTEIG crimping solutions for aviation contacts and AS22520/7-01-compliant crimping tools



Art. No.
8728 0902 0



Art. No. 8728 0000 6 + 8728 0902 0



Adapter ring on tool for single locators



Art. No.	EAN 4049002	Reference acc. to.	Type	Color-Code	For Selector Crimp	For Digi-Crimp	For HC 20	For CM 25-3 crimping unit	g
8728 0902 0	114021	AS22520/7-02	Single locator		8728 0000 6	8726 0000 6, 8726 0000 61		636 0726 3 0	10
8728 0903 0	114038	AS22520/7-03	Single locator		8728 0000 6	8726 0000 6, 8726 0000 61		636 0726 3 0	30
8728 0904 0	114045	AS22520/7-04	Single locator		8728 0000 6	8726 0000 6, 8726 0000 61		636 0726 3 0	30
8728 0905 0	114052	AS22520/7-05	Single locator		8728 0000 6	8726 0000 6, 8726 0000 61		636 0726 3 0	30
8728 0906 0	114069	AS22520/7-06	Single locator		8728 0000 6	8726 0000 6, 8726 0000 61		636 0726 3 0	30
8728 0907 0	114076	AS22520/7-07	Single locator		8728 0000 6	8726 0000 6, 8726 0000 61		636 0726 3 0	30
8728 0908 0	114083	AS22520/7-08	Single locator		8728 0000 6	8726 0000 6, 8726 0000 61		636 0726 3 0	30
8728 0920 0	114090	86-30-1	Single locator		8728 0000 6	8726 0000 6, 8726 0000 61		636 0726 3 0	30
Other customer-specific locators available on request									

Single locators/positioning guides for aviation contacts

- Design meets AS22520/2 aviation standard
- Exact positioning for contacts according to AS39029, EN3155 and comparable types
- Setting details can be read off directly on the positioning guide to ensure reliable, reproducible crimps
- Can be used with RENNSTEIG crimping solutions for aviation contacts and AS22520/2-01-compliant crimping tools



Art. No.
8738 1202 0



Art. No. 8736 0000 6 + 8738 1202 0



Adapter ring on tool for single locators



Art. No.	EAN 4049002	Reference acc. to.	Type	Color- Code	For Selector Crimp	For Digi- Crimp	For HC 20	For CM 25-3 crimping unit	⚖ g
8738 1202 0	114106	AS22520/2-02	Single locator		8738 0000 6	8736 0000 6, 8736 0000 61		636 0736 3 0	10
8738 1206 0	114120	AS22520/2-06	Single locator		8738 0000 6	8736 0000 6, 8736 0000 61		636 0736 3 0	30
8738 1207 0	114137	AS22520/2-07	Single locator		8738 0000 6	8736 0000 6, 8736 0000 61		636 0736 3 0	30
8738 1208 0	114144	AS22520/2-08	Single locator		8738 0000 6	8736 0000 6, 8736 0000 61		636 0736 3 0	30
8738 1209 0	114151	AS22520/2-09	Single locator		8738 0000 6	8736 0000 6, 8736 0000 61		636 0736 3 0	30
8738 1210 0	114168	AS22520/2-10	Single locator		8738 0000 6	8736 0000 6, 8736 0000 61		636 0736 3 0	30
8738 1211 0	114175	AS22520/2-11	Single locator		8738 0000 6	8736 0000 6, 8736 0000 61		636 0736 3 0	30
8738 1215 0	114182	AS22520/2-15	Single locator		8738 0000 6	8736 0000 6, 8736 0000 61		636 0736 3 0	30
8738 1223 0	114199	AS22520/2-23	Single locator		8738 0000 6	8736 0000 6, 8736 0000 61		636 0736 3 0	30
Other customer-specific locators available on request									

Processing contacts and connectors

4/8 indent solutions

Four-post locators/positioning guides for aviation contacts

- Four-post pin locator – combines 4 individual locators according to AS22520/7
- Exact positioning for contacts according to AS39029, EN3155 and comparable types
- Setting details can be read off directly on the positioning guide to ensure reliable, reproducible crimps
- Can be used with RENNSTEIG crimping solutions for aviation contacts



Art. No. 8728 1407 0



Art. No. 8726 0000 6 + 8738 1407 0



Supplied with screw for four-post locator

Art. No.	EAN 4049002	Reference acc. to.	Type	Color-Code	For Selector Crimp	For Digi-Crimp	For HC 20	For CM 25-3 crimping unit	g
8728 1407 0	134333	AS22520/7-02, AS22520/7-03, AS22520/7-04, AS22520/7-05	Multi pin locator		8728 0000 6	8726 0000 6, 8726 0000 61		636 0726 3 0	81
Other customer-specific locators available on request									

Four-post locators/positioning guides for aviation contacts

- Four-post pin locator – combines 4 individual locators according to AS22520/2
- Exact positioning for contacts according to AS39029, EN3155 and comparable types
- Setting details can be read off directly on the positioning guide to ensure reliable, reproducible crimps
- Can be used with RENNSTEIG crimping solutions for aviation contacts



Art. No. 8738 1514 0



Art. No. 8738 0000 6 + 8738 1514 0



Supplied with screw for four-post locator

Art. No.	EAN 4049002	Reference acc. to.	Type	Color-Code	For Selector Crimp	For Digi-Crimp	For HC 20	For CM 25-3 crimping unit	g
8738 1514 0	134326	AS22520/2-02, AS22520/2-06, AS22520/2-08, AS22520/2-09	Multi pin locator		8738 0000 6	8736 0000 6, 8736 0000 61		636 0736 3 0	80
Other customer-specific locators available on request									

Three-post locators/positioning guides for aviation contacts

- Three-post pin locator consists of 3 positioning pins
- Exact positioning for contacts according to AS39029, EN3155 and comparable types
- Setting details can be read off directly on the positioning guide to ensure reliable, reproducible crimps
- Can be used with RENNSTEIG crimping solutions for aviation contacts



Art. No. 8758 2202 0



Art. No. 8756 0000 6 + 8758 2202 0



Supplied with adapter ring for multi-post locators

Art. No.	EAN 4049002	Reference acc. to.	Type	Color-Code	For Selector Crimp	For Digi-Crimp	For HC 20	For CM 25-3 crimping unit	g
8758 2202 0	148750	AS22520/1-02	Multi pin locator		8758 0000 6, 8752 0000 6	8756 0000 6, 8756 0000 61		636 0756 3 0	70
8758 2204 0	148767	AS22520/1-04	Multi pin locator		8758 0000 6, 8752 0000 6	8756 0000 6, 8756 0000 61	6756 0000 6	636 0756 3 0	70

Other customer-specific locators available on request

Universal locators/positioning guides for aviation contacts

- Universal positioning guides can be adjusted by the user to contacts of different lengths
- Exact positioning for contacts according to AS39029, EN3155 and comparable types
- Art. no. 8758 2100 0 is equivalent to aviation reference AS22520/1-05, art. no. 8758 2101 0 is optimised for use on the CM25-3 crimping machine and consists of 4 interchangeable pin inserts with various hole diameters for an exact positioning of the contacts
- Can be used with RENNSTEIG crimping solutions for aviation contacts



Art. No. 8758 2101 0



Art. No. 8758 0000 6 + 8758 2100 0



Supplied with adapter ring for multi-post locators

Art. No.	EAN 4049002	Reference acc. to.	Type	Color-Code	For Selector Crimp	For Digi-Crimp	For HC 20	For CM 25-3 crimping unit	g
8758 2100 0	149214	AS22520/1-05	Universal locator		8758 0000 6, 8752 0000 6	8756 0000 6, 8756 0000 61	6756 0000 6		73
8758 2101 0	148552		Universal locator		8758 0000 6, 8752 0000 6	8756 0000 6, 8756 0000 61	6756 0000 6	636 0756 3 0	114

Other customer-specific locators available on request

Processing contacts and connectors

4/8 indent solutions

Reliable crimping of automotive contacts.



Art. No. 8782 0009 6



Selector position for crimp depth adjustment can easily be read on the tool



Easy adjustment of crimp depth via adjustment wheel with 8 setting positions



Universal locator for flexible adjustment of different contact lengths

4/8-Indent Crimping Tool SelectorCrimp HDT-48

- Specialty crimping pliers for processing turned male and female contacts of the DEUTSCH-series from TE Connectivity
- Suitable for the following housing-series:
 - AEC, DRB, DRC
 - DT, DTHD, DTM, DTP, DTV
 - HD10, HD30, HDP20
 - STRIKE, Jiffy Splice
- Crimp quality testing through GO-NOGO gauges (optional)
- Reliable crimping with forced-lock completion of crimping operation and synchronous closing of crimp indenters
- Ergonomic design, opening width and hand force are optimized



Art. No. 8782 0009 6



Art. No.	EAN 4049002	Finish	Illustration	Capacity	Max. contact Ø mm	Acc. to	↔ mm	⚖ g
8782 0009 6	145704	Pliers with universal locator, 2-component grips		0.35 – 3.0 mm² / AWG 22 – 12	5.5		230	650
8791 7809 01	150845	Go-Nogo-Testing Gauges for tool 8782 0009 6					76.5	25

Processing contacts and connectors

4/8 indent solutions

Professional processing of turned industrial contacts.



Art. No. 8750 0000 6



Crimp range 0.03 – 10.0 mm² covered over 4 models



Fine adjustment knob



Display area, forced-lock completion of crimping process

4/8 Indent crimping tool MicroCrimp

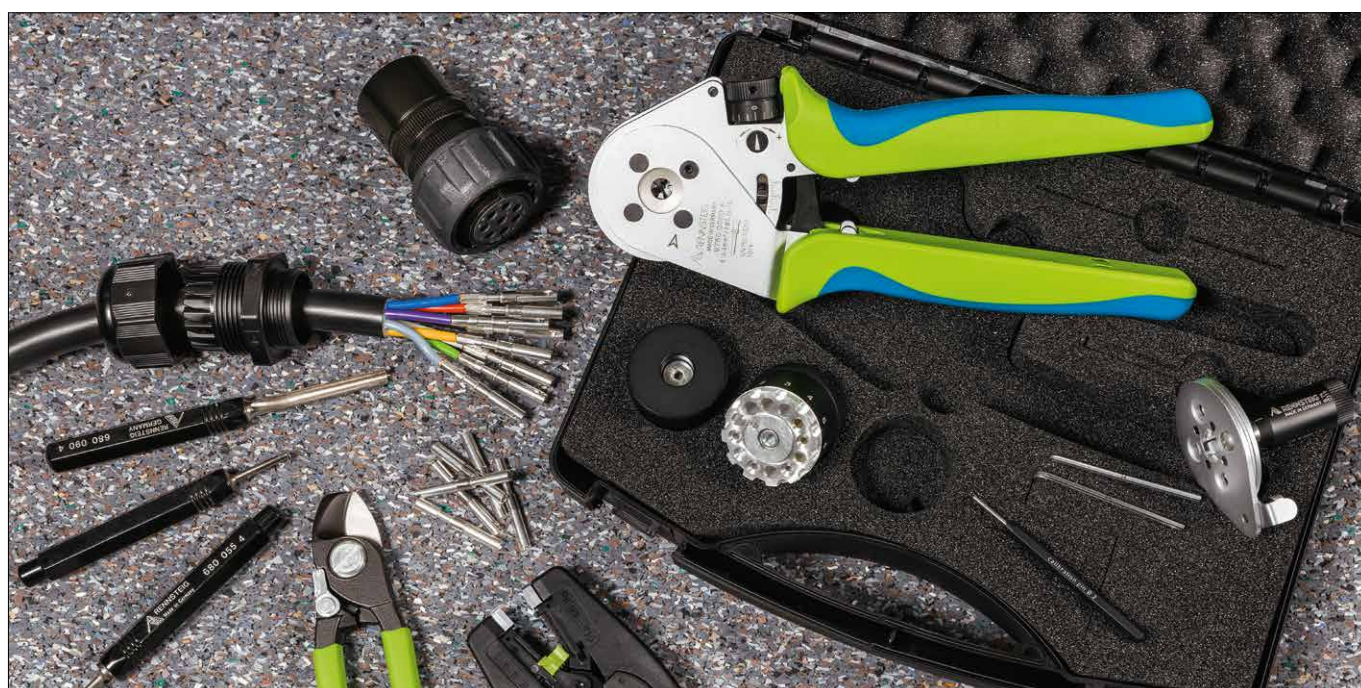
- Suitable for crimping turned pin and socket contacts
- Crimp dimensions adjustable in 0.01 mm increments
- Checking of default setting with enclosed test gauge
- Reliable crimping with forced-lock completion of crimping operation and synchronous closing of crimp indenters



Art. No. 8720 0000 6



Art. No. 8750 0000 6



Art. No.	EAN 4049002	Finish	Capacity	Max. contact Ø mm	↔ mm	⚖ g
8720 0000 6	026959	Pliers without locator	0.08 – 2.5 mm ² / AWG 28 – 14	5.0	175	400
8730 0000 6	026966	Pliers without locator	0.03 – 0.5 mm ² / AWG 32 – 20	5.0	175	420
8750 0000 6	027031	Pliers without locator	0.14 – 6.0 mm ² / AWG 26 – 10	7.5	230	640
8760 0000 6	026973	Pliers without locator	1.5 – 10.0 mm ² / AWG 16 – 8	8.0	230	640
8720 0000 61	025068	Pliers in plastic case without locator	0.08 – 2.5 mm ² / AWG 28 – 14	5.0	175	820
8730 0000 61	025099	Pliers in plastic case without locator	0.03 – 0.5 mm ² / AWG 32 – 20	5.0	175	820
8750 0000 61	022883	Pliers in plastic case without locator	0.14 – 6.0 mm ² / AWG 26 – 10	7.5	230	1,080
8760 0000 61	025136	Pliers in plastic case without locator	1.5 – 10.0 mm ² / AWG 16 – 8	8.0	230	1,080
8720 0101 61	025075	Pliers in plastic case with 12x locator, Art. No. 8720 0101 0	0.08 – 2.5 mm ² / AWG 28 – 14	5.0	175	840
8730 0101 61	025105	Pliers in plastic case with 12x locator, Art. No. 8720 0101 0	0.03 – 0.5 mm ² / AWG 32 – 20	5.0	175	840
8750 0401 61	023477	Pliers in plastic case with 12x locator, Art. No. 8750 0401 0	0.14 – 6.0 mm ² / AWG 26 – 10	7.5	265	1,220
8760 0401 61	025143	Pliers in plastic case with 12x locator, Art. No. 8750 0401 0	1.5 – 10.0 mm ² / AWG 16 – 8	8.0	265	1,220

Processing contacts and connectors

4/8 indent solutions

Intelligent crimping for turned industrial contacts.

patented



Art. No. 8753 0000 6



Precise setting by adjusting knob



Electronic wear monitoring (patented) with warning function



Pliers can be calibrated by the user

4/8 Indent crimping tool DigiCrimp® for industrial contacts

- Suitable for crimping turned pin and socket contacts
- Crimp pin closing can be adjusted in steps of 0.01 mm and can be viewed digitally (mm, inches or selector positions)
- Checking of default setting with enclosed test gauge
- Recalibration function
- Reliable crimping with forced-lock completion of crimping operation and synchronous closing of crimp indenters
- Various setting functions accessible



YouTube

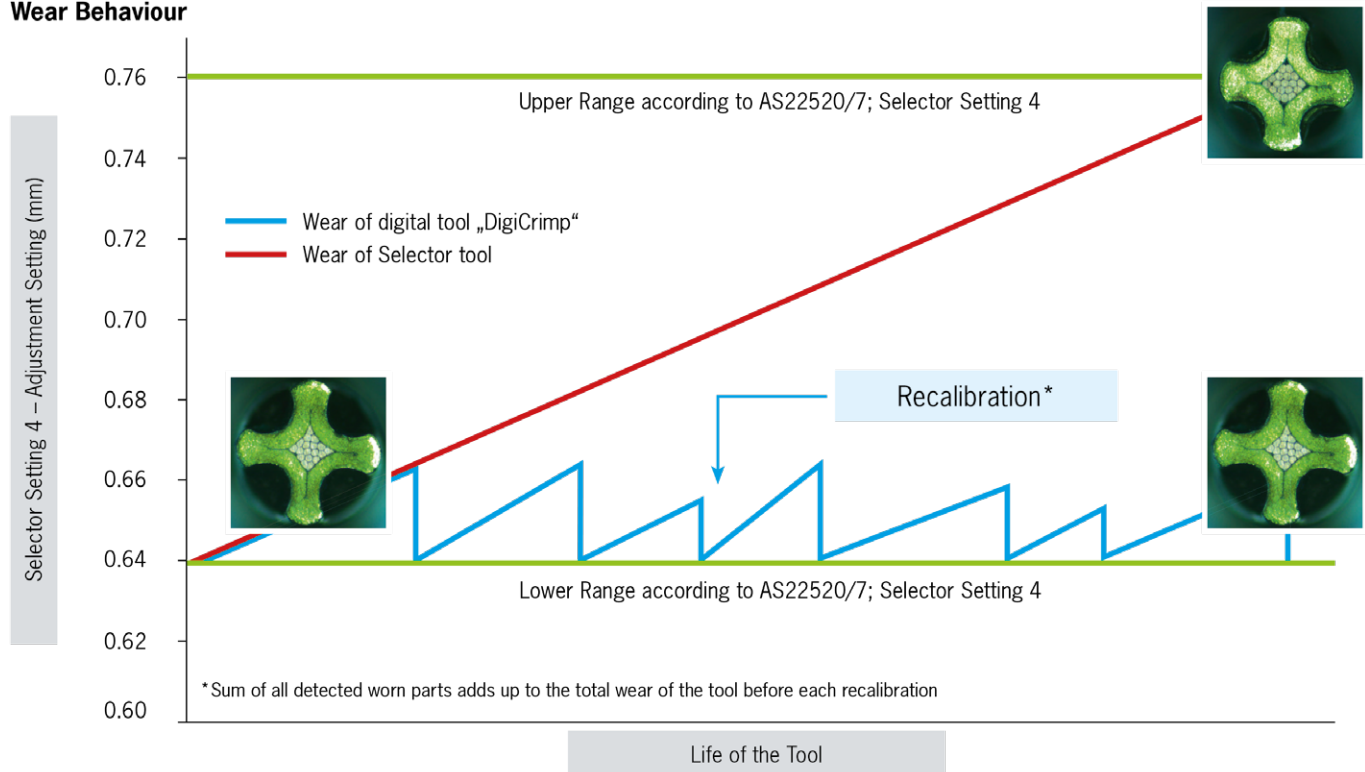


Art. No. 8723 0000 6



Art. No. 8753 0000 6

Wear Behaviour



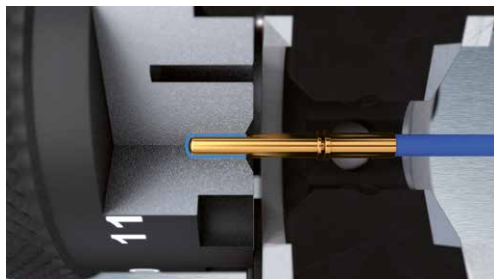
Art. No.	EAN 4049002	Finish	Capacity	Max. contact Ø mm	↔ mm	⚖ g
8723 0000 61	028342	Pliers in plastic case without locator	0.08 – 2.5 mm² / AWG 28 – 14	5.0	175	780
8733 0000 61	028366	Pliers in plastic case without locator	0.03 – 0.5 mm² / AWG 32 – 20	5.0	175	780
8753 0000 61	028380	Pliers in plastic case without locator	0.14 – 6.0 mm² / AWG 26 – 10	7.5	230	1,050
8763 0000 61	028403	Pliers in plastic case without locator	1.5 – 10.0 mm² / AWG 16 – 8	8.0	230	1,050
8723 0101 61	028359	Pliers in plastic case with 12x locator, Art. No. 8720 0101 0	0.08 – 2.5 mm² / AWG 28 – 14	5.0	175	810
8733 0101 61	028373	Pliers in plastic case with 12x locator, Art. No. 8720 0101 0	0.03 – 0.5 mm² / AWG 32 – 20	5.0	175	810
8753 0401 61	028397	Pliers in plastic case with 12x locator, Art. No. 8750 0401 0	0.14 – 6.0 mm² / AWG 26 – 10	7.5	265	1,260
8763 0401 61	028410	Pliers in plastic case with 12x locator, Art. No. 8750 0401 0	1.5 – 10.0 mm² / AWG 16 – 8	8.0	265	1,260

Processing contacts and connectors

4/8 indent solutions

Locators/positioning guides for turned industrial contacts

- The selection of the locators depends on the contacts.
- Exact positioning of contact during the crimping process
- Secure, reproducible crimps



12x locator for industrial contacts

- Connector-specific
- For series production
- Tough construction for heavy use



Art. No. 8720 0101 0

Art. No. 8750 0401 0

Art. No.	EAN 4049002	Contact manufacturer	Contact type	For DigiCrimp	For MicroCrimp	For HC 20	For CM 25-3 crimping unit	g
8720 0101 0	025082	Phoenix Contact (Coninvers)	RC-/SC-/SI-Serie	8723 0000 6 / 61	8720 0000 6 / 61		636 0723 3 0	30
8720 0104 0	084201	Hummel	701090xxxx / 701098xxxx	8723 0000 6 / 61	8720 0000 6 / 61		636 0723 3 0	30
8720 0107 0	130458	ODU	on request	8723 0000 6 / 61	8720 0000 6 / 61		636 0723 3 0	30
8720 0116 0	093807	Phoenix Contact (Coninvers)	SF-/ST-/SB-Serie	8723 0000 6 / 61	8720 0000 6 / 61		636 0723 3 0	30
8750 0401 0	023484	Ilme, Weidmüller, HTS	Plug-in-Ø 1,6/2,4/2,5/3,6	8753 0000 6 / 61	8750 0000 6 / 61	6753 0000 6	636 0753 3 0	80
8750 0404 0	083389	Hummel	701090xxxx / 701094xxxx	8753 0000 6 / 61	8750 0000 6 / 61	6753 0000 6	636 0753 3 0	50
8750 0408 0	121197	Hypertac	on request	8753 0000 6 / 61	8750 0000 6 / 61	6753 0000 6	636 0753 3 0	80
8750 0411 0	028854	Phoenix Contact (Coninvers)	SF-/SM-Serie	8753 0000 6 / 61	8750 0000 6 / 61	6753 0000 6	636 0753 3 0	80
8750 0416 0	073793	Deutsch	DT, HD	8753 0000 6 / 61	8750 0000 6 / 61	6753 0000 6	636 0753 3 0	80
8750 0453 0	128530	Harting	HanD, C, E, Yellock	8753 0000 6 / 61	8750 0000 6 / 61	6753 0000 6	636 0753 3 0	80

Universal locator for industrial contacts

- For small and sample series
- Adjustable in diameter and depth tailored to each individual contact
- Ensures perfect centering of contacts



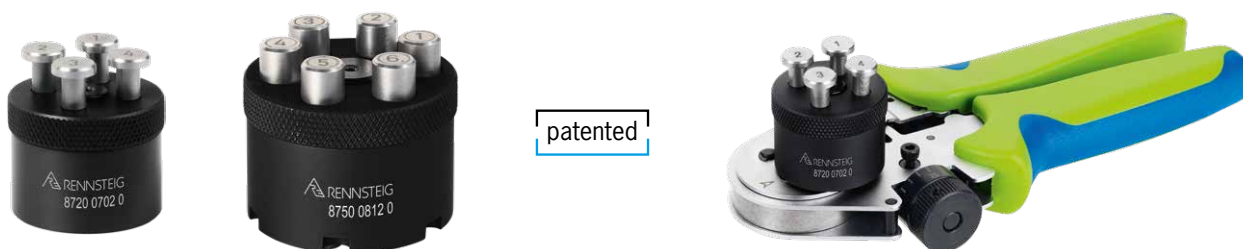
Art. No.
8720 1801 0

Art. No. 8750 1701 0

Art. No.	EAN 4049002	Contact manufacturer	Contact type	For DigiCrimp	For MicroCrimp	For HC 20	For CM 25-3 crimping unit	g
8720 1801 0	050237	Universal		8723 0000 6 / 61, 8733 0000 6 / 61	8720 0000 6 / 61, 8730 0000 6 / 61		636 0723 3 0, 636 0733 3 0	88
8750 1701 0	087363	Universal		8753 0000 6 / 61, 8763 0000 6 / 61	8750 0000 6 / 61, 8760 0000 6 / 61	6753 0000 6	636 0753 3 0, 636 0763 3 0	172

Pin locator for industrial contacts

- For smaller, shorter contacts
- Patented latch mechanism
- Recommendations for inquiries about special plug connector series



Art. No.
8720 0702 0

Art. No. 8750 0812 0

Art. No.	EAN 4049002	Contact manufacturer	Contact type	For DigiCrimp	For MicroCrimp	For HC 20	For CM 25-3 crimping unit	g
8720 0702 0	102677	Conec, Deltron, Harting, Ilme	D-Sub	8723 0000 6 / 61	8720 0000 6 / 61		636 0723 3 0	68
8720 0709 0	109409	Intercontec	M17/M23/M27	8723 0000 6 / 61	8720 0000 6 / 61		636 0723 3 0	68
8720 0712 0	108495	Intercontec	M17/M23 signal plugs 615/915	8723 0000 6 / 61	8720 0000 6 / 61		636 0723 3 0	67
8750 0812 0	109416	Intercontec	M17/M23/M40	8753 0000 6 / 61	8750 0000 6 / 61	6753 0000 6	636 0753 3 0	142
8750 0813 0	111952	Intercontec	M17/M23/M40	8753 0000 6 / 61	8750 0000 6 / 61	6753 0000 6	636 0753 3 0	142

Processing contacts and connectors

4/8 indent solutions

Easy power plug crimps.



Quick-change 4/8 indent crimping units for various applications



Precise setting by adjusting knob



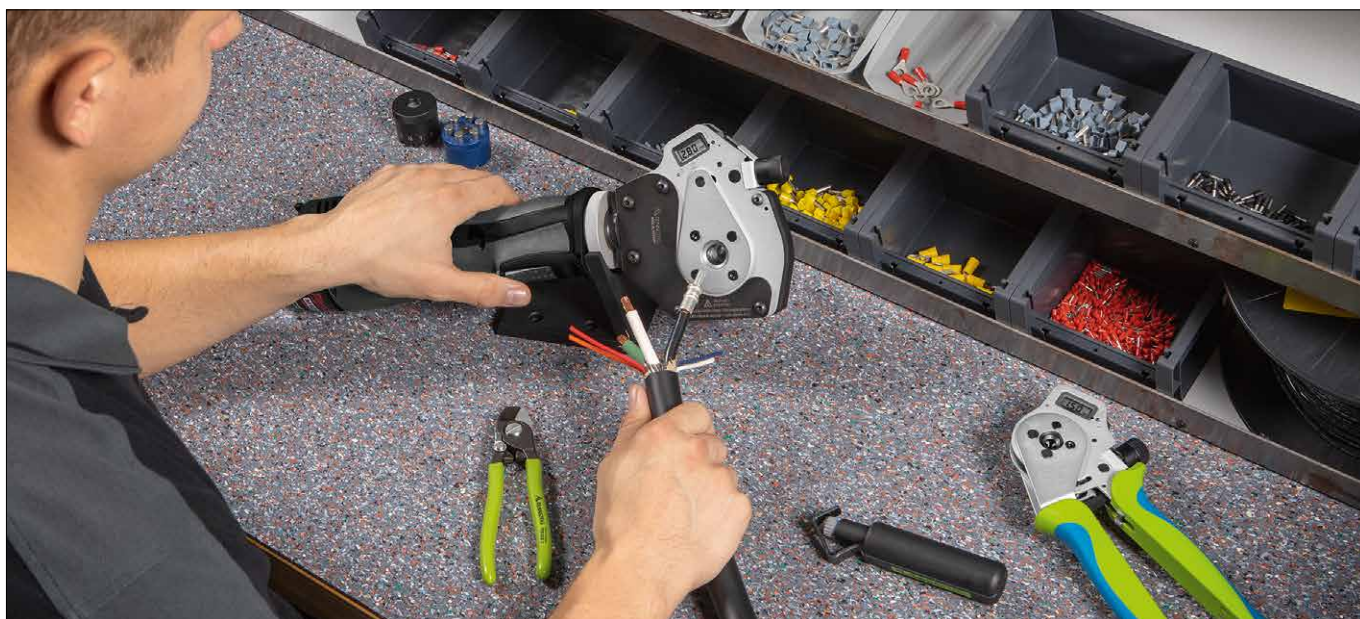
Interchangeable, customer-specific single locators possible

Battery-powered HC 20.2 hydraulic powered crimper

- Powered hydraulic hand tool for crimping turned pin and socket contacts
- Crimping force 19 kN
- Crimp cycle 2.8 seconds
- Approx. 300 crimps achievable on one battery charge (with average load)
- Charging time <30 min for lithium-ion battery
- 4/8 indent crimping units usable, rotates by 360°
- Crimp pin closing can be adjusted in steps of 0.01 mm and can be viewed digitally (mm, inches or selector positions)
- Integrated wear monitoring
- Recalibration function
- Checking of default setting with enclosed test gauge



Art. No. 6702 0100 1



Art. No.	EAN 4049002	Finish	Profile	Capacity	Max. contact Ø	↔ mm	⚖ g
6702 0100 1	149467	Basic crimping device in a case with battery 12V / 2.0 Ah and charger EU (without crimping unit)				500 x 420 x 125	4,200
6753 0000 6	097164	Crimping unit with standard indents		0.14 – 6.0 mm ² / AWG 26 – 10	7.5 mm	160 x 130 x 60	1,060
6756 0000 6	097171	Crimping unit, indenters fulfill requirements of AS22520 /1-01		0.14 – 6.0 mm ² / AWG 26 – 12	5.5 mm	160 x 130 x 60	1,060
6763 0000 6	097188	Crimping unit with 15 mm pass-through		1.5 – 16.0 mm ² / AWG 16 – 6	15 mm	180 x 145 x 60	1,640
6370 0002 0	098369	Li-Ion battery 12V / 2.0 Ah				50 x 55 x 90	180
6370 0004 0	149177	Li-Ion battery 12V / 4.0 Ah				50 x 55 x 90	400
6700 0001 0	061912	Bench mount for HC 20				115 x 100 x 75	450

Processing contacts and connectors

4/8 indent solutions

High-volume crimping.



Art. No. 636 025-3



4/8 indent crimping unit with digital display



Crimping unit with universal locator for industrial contacts



Crimping unit with single locator for aviation contacts

Crimping machine CM 25-3

- Compact, maintenance-free table-top device
- Various crimping units are available for processing turned pin and socket contacts
- Crimp pin closing can be adjusted in steps of 0.01 mm and can be viewed digitally (mm, inches or selector positions)
- Checking of default setting with enclosed test gauge
- Recalibration function
- Positioning guides for industrial and aviation contacts can be attached in a similar way for use in hand tools
- Quick and simple retooling makes it suitable for short- and medium-run production
- Base machine can also be used for crimping units for processing wire-end ferrules



Info

Various locators are available for the crimping units. Corresponding information is available in the sections 'Locators for turned industrial contacts' and 'Locators for aviation contacts'. For further details, please also visit www.rennsteig.com or contact us directly: we will be very happy to advise you on options.

Art. No.	EAN 4049002	Finish	Profile	Capacity	Max. contact Ø	↔ mm	⚖ g
636 025-3	029561	CM25-3 crimping machine without crimping unit, without positioning guide				325 x 280 x 500	31,800
636 0723 3 0	083785	Crimping Unit 8.72 with Digital Display for Industrial Turned Contacts		0.08 – 2.5 mm²	5 mm	87 x 43 x 72	600
636 0733 3 0	145995	Crimping Unit 8.73 with Digital Display for Industrial Turned Contacts		0.03 – 0.5 mm²	5 mm	87 x 43 x 72	600
636 0753 3 0	083808	Crimping Unit 8.75 with Digital Display for Industrial Turned Contacts		0.14 – 6.0 mm²	7.5 mm	100 x 43 x 76	600
636 0763 3 0	083822	Crimping Unit 8.76 with Digital Display for Industrial Turned Contacts		1.5 – 10.0 mm²	8 mm	100 x 43 x 76	600
636 0726 3 0	146008	Crimping Unit 8.72-6 with Digital Display for Aviation Turned Contacts according to Standard AS22520/7-01		0.08 – 2.5 mm²	4 mm	87 x 43 x 72	600
636 0736 3 0	114823	Crimping Unit 8.73-6 with Digital Display for Aviation Turned Contacts according to Standard AS22520/2-01		0.03 – 0.5 mm²	3.6 mm	87 x 43 x 72	600
636 0756 3 0	145360	Crimping Unit 8.75-6 with Digital Display for Aviation Turned Contacts according to Standard AS22520/1-01		0.14 – 6.0 mm²	5.5 mm	100 x 43 x 76	600

Processing contacts and connectors

Tools for fibre-optic cables

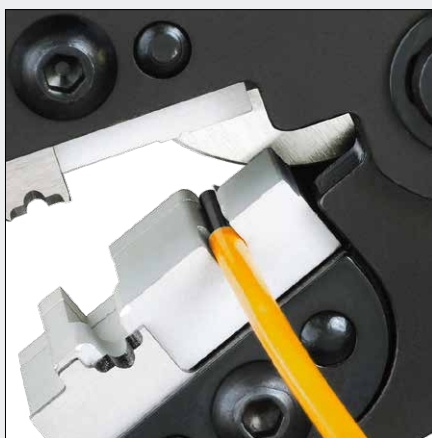
**Clean, precise processing of
fibre-optic cables.**



Art. No. 8002 0004 3



Integrated stripping functionality



Unique RENNSTEIG cutting system



Further processing of cut fibres without polishing of cut surface

Tools for processing polymer optical fibre

- Special cutting operation allows further processing of fibers without polishing the cut surface
- Optimal damping values guarantee a high data transmission quality
- Interchangeable cutting systems available in different designs
- Highest service life of blades with minimized wear



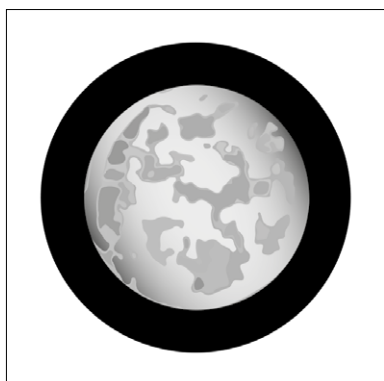
Art. No. 8001 0001 3



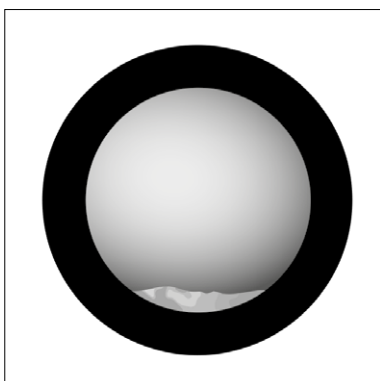
Art. No. 8001 0002 3



Art. No. 8002 0006 3



POF cable cut with conventional tool – time-consuming polishing is needed



POF cable cut with the unique RENNSTEIG cutting system – no need for any further polishing

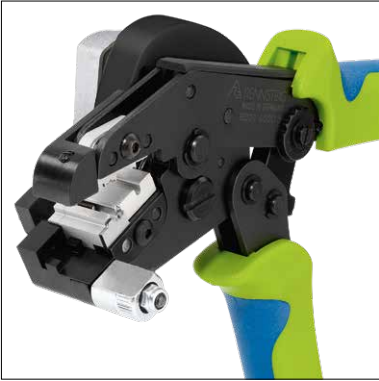
Art. No.	EAN 4049002	Description	↔ mm	⚖ g
8000 0001 3	017414	Tool for cutting polymeric optical fibres dia. 1.8, 2.2 and 2.3 mm, with manual blade advance	190	597
8001 0001 3	023897	Tool for cutting polymeric optical fibres dia. 1.8, 2.2 and 2.3 mm, with safety cutting system	190	611
8000 0002 3	022821	Tool for cutting polymeric optical fibres, dia. 2.2 mm, with manual blade advance	190	580
8001 0002 3	023903	Tool for cutting polymeric optical fibres, dia. 2.2 mm, with safety cutting system	190	597
8000 0003 3	022845	Tool for cutting and stripping polymeric optical fibres, dia. 2.2 mm, with manual blade advance	190	600
8001 0003 3	023910	Tool for cutting and stripping polymeric optical fibres, dia. 2.2 mm, with safety cutting system	190	610
8001 0004 3	022869	Tool for cutting and stripping MOST system polymeric optical fibres, with safety cutting system	190	600
8002 0004 3	025273	Tool for cutting and stripping MOST system polymeric optical fibres, with safety cutting system and stripping aid	190	604
8002 0006 3	028649	Tool for cutting and stripping DUPLEX cables 2 x dia. 2.2 mm, with safety cutting system and stripping aid	195	650
8002 0012 3	137051	Tool for cutting and separating fiber optic duplex cables 2 x Ø 2,2 mm, with safety cutting system	190	650

Processing contacts and connectors

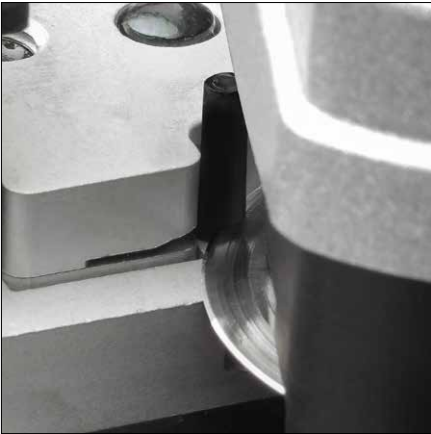
Tools for fibre-optic cables

Tools for processing polymer optical fibre

- Special cutting operation allows further processing of fibers without polishing the cut surface
- Optimal damping values guarantee a high data transmission quality
- Interchangeable cutting systems available in different designs
- Highest service life of blades with minimized wear



Art. No. 8001 4000 3



Cut and...



strip the cable, and...



crimp the plug with the prepared cable in just one tool

Art. No.	EAN 4049002	Description	↔ mm	⚖ g
8000 4000 3	026515	Tool for cutting, stripping and crimping POF dia. 2.2 mm for Toshiba connectors, with manual blade advance	180	670
8001 4000 3	026522	Tool for cutting, stripping and crimping POF dia. 2.2 mm for Toshiba connectors, with safety cutting system	180	590

Safety cutting device with automatic blade feed

- All spare parts can be used for all POF tools with cutting functionality
- Easy replacement of cutting device by user
- Automatic advancement of cutting blade through feed mechanism after each processed cut
- Even usage of entire blade surface
- Cutting system blocks automatically after about 2500 cuts
- Integrated display area of cuts remaining
- Safety cover for cutting blade to minimize risk of injuries – highest protection for user
- Automatic release of blade during the cutting process



Art. No. 8000 0005 0 0

Art. No.	EAN 4049002	Description	↔ mm	⚖ g
8000 0005 0 0	129193	Safety cutting system		170

Cutting system with manual blade advance

- All spare parts can be used for all POF tools with cutting functionality
- Easy replacement of cutting device by user
- Manual forwards rotation of round blade



Art. No. 8000 0001 0 0

Art. No.	EAN 4049002	Description	↔ mm	⚖ g
8000 0001 0 0	018367	Cutting system with manual blade advance		119

Processing contacts and connectors

Tools for fibre-optic cables

Fibre Optic Crimping Tool for HFBR series

- Crimping tool for processing plugs in the 'Avago®/HP-HFBR' series for POF Ø 2.2 mm
- Simplex or Duplex plug designs: 4501/4511, 4503/4513 and 4506/4516
- Forced-lock completion of crimping process to ensure reliable crimping results (with emergency release)
- Comfortable and ergonomic 2-component grips
- Perfect for working in combination with RENNSTEIG cutting tools and insulation strippers for POF Ø 2.2 mm



Art. No. 619 1128 3



Ultra-precise plug positioning with special 3x positioning guide and locking clamp aid

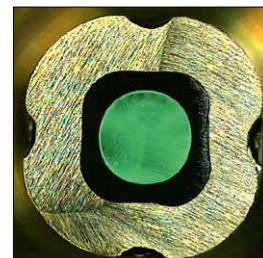
Art. No.	EAN 4049002	Description	↔ mm	⚖ g
619 1128 3 1	110177	Fibre Optic Crimping Tool for HFBR series	215	530

4/8 Indent Crimping Tool PEW 8.71 for POF dia. 2.3 mm

- Special tool for the MOST system used in the automotive industry
- Positioning of the fibre in the contact with a special recess in the locator
- Locator permanently factory-installed and adjusted
- Exact positioning of the crimp connection using a stop lever



Art. No. 8710 0000 6



Art. No.	EAN 4049002	Description	↔ mm	⚖ g
8710 0000 6	014802	4/8 Indent Crimping Tool PEW 8.71 for POF dia. 2.3 mm, MOST system		494

4/8 Indent Crimping Tool PEW 8.72 for POF dia. 2.2 mm

- Special crimping tool for industrial use
- Tool and locators can be adapted for different crimp connections
- Precise locator positioning
- Locator turns through 360°



Art. No. 8720 0303 6



Art. No.	EAN 4049002	Description	↔ mm	⚖ g
8720 0303 6	034480	4/8 Indent Crimping Tool PEW 8.72 for POF dia. 2.2 mm, Locator for Harting contacts, e.g. Han D, Han E		485

Info

Other tools for working with fibre-optic cables can be found in the sections 'Cutting', 'Stripping' and 'Application-based sets and kits'. Details also available from our website at www.rennsteig.com.

Processing contacts and connectors

Tools for fibre-optic cables

RAUCUT I – tool for opening fibre-optic cables

- For stripping optical fibres in cut or uncut mini-buffer tubes without damage
- Prevents unnecessary separation of buffer tubes
- Saves costs and time
- Cuts buffer tubes from 0.9 to 4.2 mm dia. with interchangeable tube guide
- Can also be used for unsmoothed buffer tubes and inside cable stranding
- Cut length freely selectable
- Long-lasting high cutting performance
- Simple handling, long life



Art. No. 8007 1070 6



Art. No.	EAN 4049002	Description	Multifibre buffer tube mm	↔ mm	⚖ g
8007 1070 6	024849	RAUCUT I in plastic case with spatula, allen key, replacement blade, buffer tube guides 1.8, 2.0, 2.4, 2.8, 3.0, 3.5, 4.2"		200	940
8007 1090 6 0	017780	Buffer tube guide	0.9	31	9
8007 1110 6 0	017797	Buffer tube guide	1.1	31	9
8007 1130 6 0	010705	Buffer tube guide	1.3	31	9
8007 1100 6 0	029356	Buffer tube guide	1.4	31	10
8007 1150 6 0	010712	Buffer tube guide	1.5	31	9
8007 1160 6 0	027291	Buffer tube guide	1.6	31	8
8007 1170 6 0	024009	Buffer tube guide	1.7	31	8
8007 1200 6 0	017810	Buffer tube guide	2	31	8
8007 1220 6 0	070259	Buffer tube guide	2.2	31	8
8007 1230 6 0	007095	Buffer tube guide	2.3	31	8
8007 1020 0 0	017872	Spare blade	1.3–4.2		10
8007 1030 0 0	017889	Spare blade	0.9–1.1		10

RAUCUT II – tool for opening fibre-optic cables

- For opening uncut maxi-buffer tubes
- Significant cost savings through avoidance of unnecessary fibre separations when making lead-offs
- Parallel cut of buffer tube sleeve
- Interchangeable guide rollers for buffer tubes dia. 4.0 to 14.0 mm
- Steplessly adjustable blade (round) from 4.0 to 14.0 mm dia.
- Cut limited by roller guide
- Replaceable blade
- Consistent high cut quality



Art. No. 8007 3030 6



Art. No.	EAN 4049002	Description	Guide roller Ø mm	↔ mm	⚖ g
8007 3030 6	024948	RAUCUT II in plastic case with knob, allen key, screwdriver, spatula, 6 guide rollers Ø 5 mm to Ø 10 mm2		225	2,900
8007 3500 0	024955	Guide roller	5	35	83
8007 3520 0	024962	Guide roller	6	35	80
8007 3540 0	024979	Guide roller	7	35	78
8007 3560 0	024986	Guide roller	8	35	75
8007 3580 0	024993	Guide roller	9	35	72
8007 3600 0	025006	Guide roller	10	35	68
8007 3620 0	025013	Guide roller	11	35	65
8007 3640 0	025020	Guide roller	12	35	59
8007 3660 0	025037	Guide roller	13	35	54
8007 3680 0	025044	Guide roller	14	35	49

Processing contacts and connectors

Assembly tools

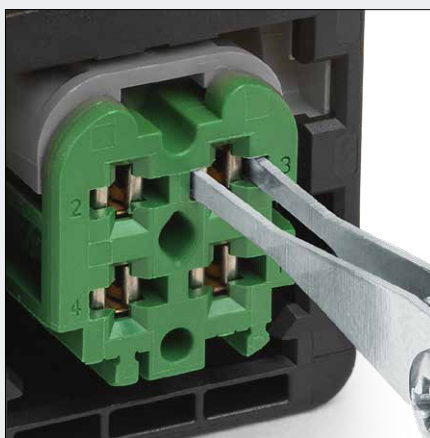
Non-destructive contact release.



Art. No. 680 100 4, 681 703 1037, 682 040



Select the matching release tool for the contact and plug housing



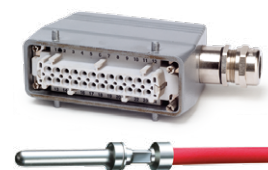
Inserting the right tool and releasing the contact



Removing the contact from the plug housing

Insertion and removal tools for turned plug contacts

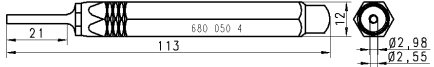
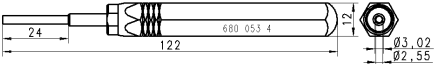
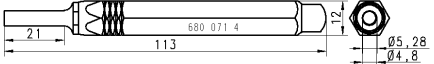
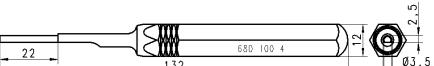
- Assembly tool for pressing turned contacts into/out of multi-pin plug housings
- Blade shape is matched to the contact and its associated plug housing
- Designs available with spring-loaded tip or guide



Info

Owing to the wide choice of tools of this type we offer, only a small selection of our available insertion/removal tools is presented here.
Details also available from our website at www.rennsteig.com.
Please contact us for special applications – we have the solution to your problem!

Please contact us for special applications – we have the solution to your problem!

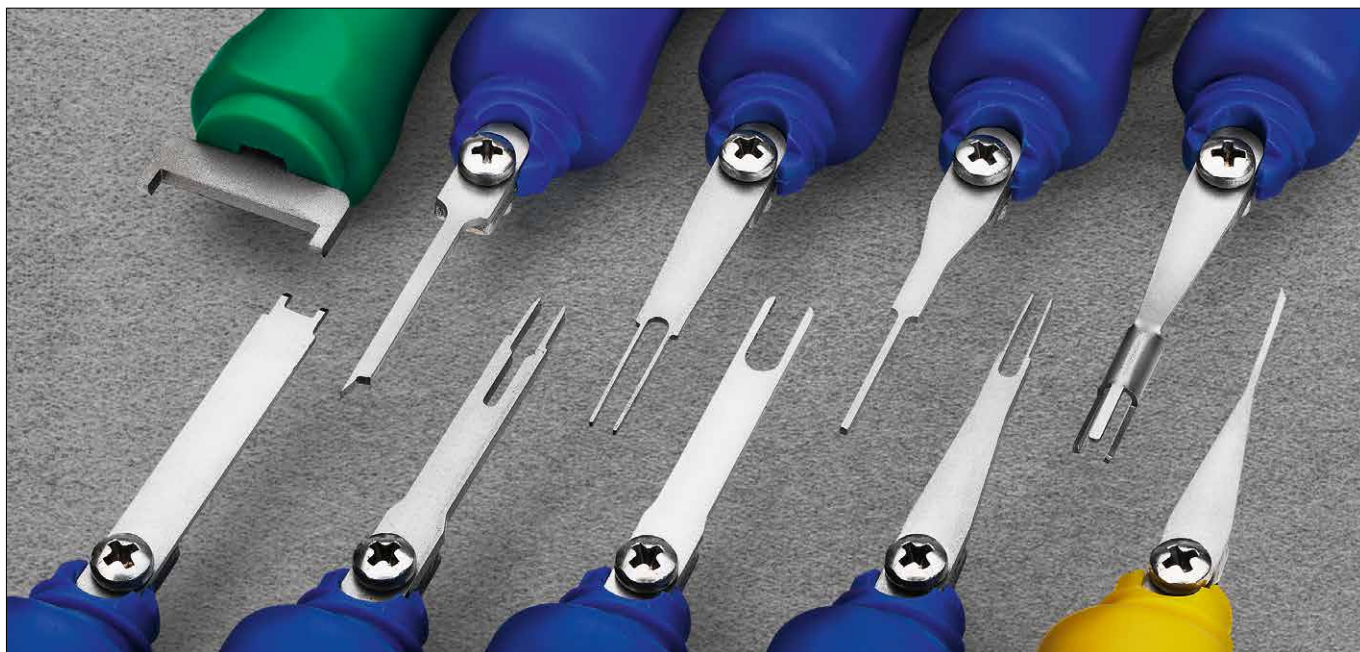
Art. No.	EAN 4049002		Applications	↔ mm	⚖ g
680 050 4	020162		Removal tool for ILME • CDF / CDM HTS • HND 113 32 A • Harting • 0915000 • Contact • HD Ø 1,6 Phönix • HC-D • Wieland • contact pin Ø 1,6	113	37
680 053 4	026447		Removal tool for ILME • CDDF 42, CDDM 42, CDF 15, CDM 15	122	38
680 071 4	026454		Removal tool for HTS • HAN	113	40
680 100 4	020216		Insertion tool for ILME • CDFA / CDFD / CDMA / CDMD • HTS • HMD Harting 0915000 • Contact • HD Ø 1,6 • Phönix • HC-D • Wieland • contact pin Ø 3,6	132	37
680 110 4	020223		Insertion and removal tool for ILME • CCFA / CCFD / CCMA / CCMD / CQES • HTS • HE Harting 0933000 • Contact • H-HB Ø 2,5 • Phönix • HC-B • Wieland • contact pin Ø 2,5 without spring	132	39

Processing contacts and connectors

Assembly tools

Removal tools for flat connectors

- Single blades – wide range of blade shapes
- Safe, speedy and straightforward release of flat connectors from housings
- Usable for a wide range of housings and even with deep contact shafts
- Manufactured from high-strength spring steel
- Cap closure with screw thread to protect the blades



Art. No.	EAN 4049002	Illustration	Applications	Replacement blade Art. No.	↔ mm	⚖ g
681 719E 08	116780		Ducon 0.8 (female)/C-Grid III/Kostal MLK 1.2	681 719EK 08	114	39
681 720B7	116940		Maxi Power Timer/Tab 9.5		143	39
681 739E 0810	117718		Micro Fit 3.0	681 739EK 0810	114	39
681 739E 1019	117794		Mini Fit Jr.	681 739EK 1019	114	39
681 805E 12	118050		MQS/Super-Seal 1.5/GT 150 (male & female)/ GT 280 (male & female)/Metri Pack 150 (male)/ Metri Pack 280 (male)/FCI Sigma 2 (male)/FCI Sigma 3 (male)	681 805EK 12	114	39

Info

Owing to the wide choice of tools of this type we offer, only a small selection of our available removal tools is presented here. Details also available from our website at www.rennsteig.com. Please contact us for special applications – we have the solution to your problem!

Removal tools for flat connectors

- Double blades – wide range of blade shapes
- Safe, speedy and straightforward release of flat connectors from housings
- Usable for a wide range of housings and even with deep contact shafts
- Manufactured from high-strength spring steel
- Cap closure with screw thread to protect the blades



Art. No.	EAN 4049002	Illustration	Applications	Replacement blade Art. No.	↔ mm	⚖ g
681 719 05	116674		Micro Timer I - IV	681 719K 05	114	40
681 719PI 05	116650		Bosch CP 0.6	681 719PIK 05	114	40
681 729 08	117305		Junior Power Timer/MCP 2.8/Sensor Tab 2.8/ Standard Power Timer/Standard Timer	681 729K 08	114	40
681 729 1028	117510		Ducon 2.8/Ducon 4.8 (male)	681 729K 1028	114	40
681 739 0631	117695		Bosch BSK 2.8	681 739K 0631	114	40

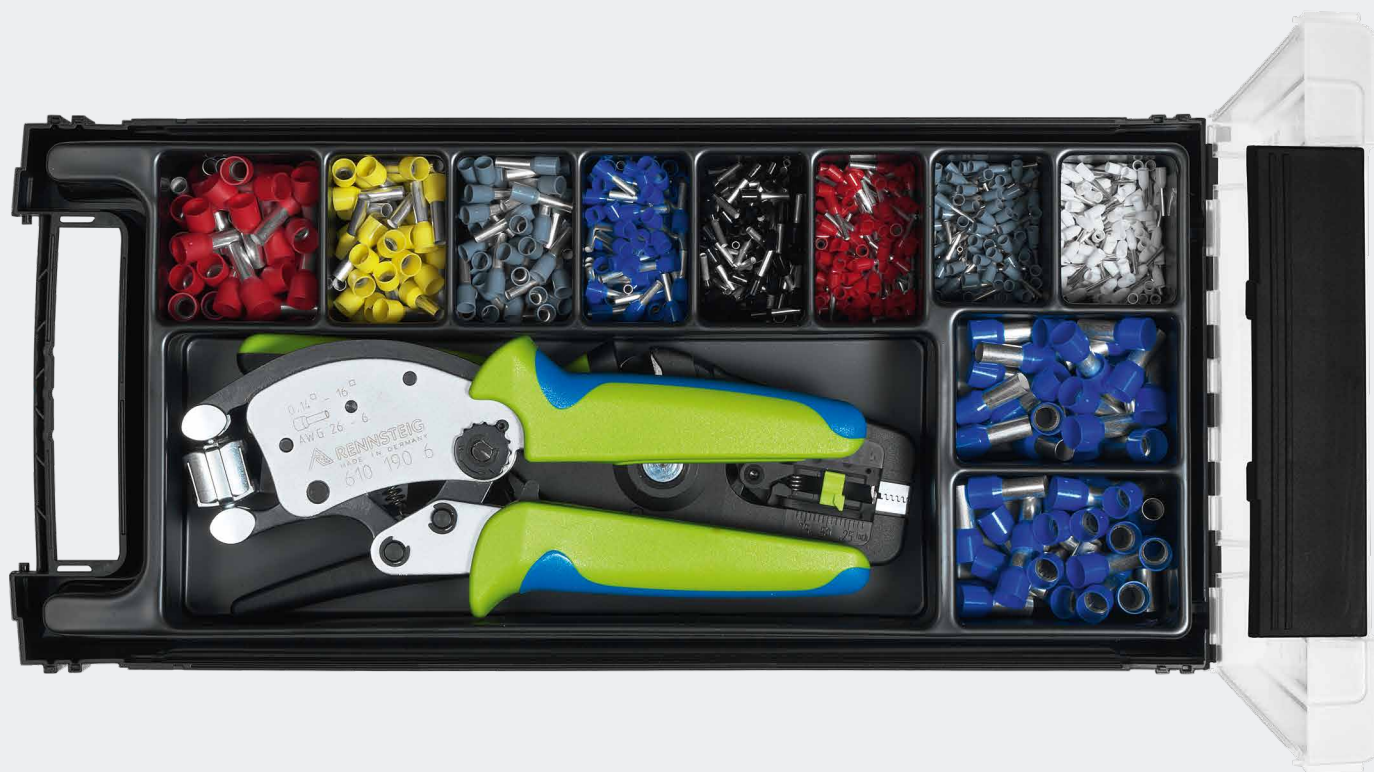
Info

Owing to the wide choice of tools of this type we offer, only a small selection of our available removal tools is presented here.
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Please contact us for special applications – we have the solution to your problem!

Processing contacts and connectors

Application-based sets and kits

Smart sets for tools.



Art. No. 610 923



Stripping – MultiStrip® 16 insulation stripper



Crimping – square profile Twistor®16 ferrule crimping tool



Crimping – hex profile PEW 8.186 ferrule crimping tool

Kits for processing wire-end ferrules

- Plastic box with transparent cover, contains:
MultiStrip® insulation stripper, ferrule crimping tool, insulated wire-end ferrules
- All sets include the following wire-end ferrules:
0.5/0.75 mm² – 150 pcs
1.0/1.5/2.5/4.0 mm² – 100 pcs
6.0/10.0 mm² – 50 pcs
- Sets 610 921/610 922/610 923 also include 16.0 mm wire-end ferrules² – 50 pcs
- Labelled kits are UL-certified if the crimping tool is used together with the wire-end ferrules



Art. No. 610 913

Art. No.	EAN 4049002	Contents	Profile		 mm	 g
Sets including wire-end ferrules in the 0.5 to 16 mm² range						
610 921	144080	 	Crimping tool 610 185 3 0.08–16.0 mm ² / AWG 28–6 Insulation stripper 707 040 0.08–16.0 mm ² / AWG 28–6		•	350 x 160 x 50 mm 1,150
610 922	144097	 	Crimping tool 610 088 3 0.08–16.0 mm ² / AWG 28–6 Insulation stripper 707 040 0.08–16.0 mm ² / AWG 28–6		•	350 x 160 x 50 mm 1,150
610 923	144103	 	Crimping tool 610 190 6 0.14–16.0 mm ² / AWG 26–6 Insulation stripper 707 040 0.08–16.0 mm ² / AWG 28–6			350 x 160 x 50 mm 1,060
Sets including wire-end ferrules in the 0.5 to 10 mm² range						
610 913	144073	 	Crimping tool 610 184 3 0.08–10.0 mm ² / AWG 28–8 Insulation stripper 707 020 0.03–10.0 mm ² / AWG 32–8		•	350 x 160 x 50 mm 1,060
610 926	151477	 	Crimping tool 610 286 3 0.08–16.0 mm ² / AWG 28–6 Insulation stripper 707 020 0.03–10.0 mm ² / AWG 32–8			350 x 160 x 50 mm 1,060
610 904	111631	 	Crimping tool 619 090 3 0.25–0.75 mm ² / 1.0–1.5 mm ² / 2.5 mm ² / 4.0 mm ² / 6.0 mm ² Insulation stripper 707 020 0.03–10.0 mm ² / AWG 32–8			350 x 160 x 50 mm 1,140

Processing contacts and connectors

Application-based sets and kits

Ferrules in assortment boxes

- Accessory products for our ferrule crimping tools
- Transparent, compact plastic boxes
- Defined quantities of non-insulated and insulated wire-end ferrules (only available according to DIN colour code)
- The UL certificate applies only if the stated wire-end ferrules are used together with the appropriately labelled RENNSTEIG ferrule crimping tools and solutions.

Art. No.	EAN 4049002	Illustration	Contents		↔ mm	 g
Set box 1 with insulated single wire-end ferrules						
610 905	129247		0.25 mm ² – 30 pcs, 0.34 mm ² – 30 pcs, 0.50 mm ² – 30 pcs, 0.75 mm ² – 30 pcs, 1.00 mm ² – 30 pcs	•	90 x 90 x 44 mm	70
610 906	129254		0.50 mm ² – 50 pcs, 0.75 mm ² – 100 pcs, 1.00 mm ² – 100 pcs, 1.50 mm ² – 100 pcs, 2.50 mm ² – 50 pcs	•	90 x 90 x 44 mm	95
610 907	129261		4.00 mm ² – 50 pcs, 6.00 mm ² – 20 pcs, 10.00 mm ² – 20 pcs, 16.00 mm ² – 10 pcs	•	90 x 90 x 44 mm	90
Set box 2 with insulated twin wire-end ferrules						
610 908	129308		2 x 0.75 mm ² – 50 pcs, 2 x 1.00 mm ² – 50 pcs, 2 x 1.50 mm ² – 50 pcs, 2 x 2.50 mm ² – 50 pcs	•	90 x 90 x 44 mm	95
610 909	129315		2 x 4.0 mm ² – 20 pcs, 2 x 6.00 mm ² – 10 pcs, 2 x 10.0 mm ² – 10 pcs, 2 x 16.00 mm ² – 5 pcs	•	90 x 90 x 44 mm	85
Set box 3 with non-insulated wire-end ferrules						
610 910	129322		0.50 mm ² – 500 pcs, 0.75 mm ² – 500 pcs, 1.00 mm ² – 400 pcs, 1.50 mm ² – 300 pcs, 2.50 mm ² – 200 pcs	•	90 x 90 x 44 mm	145
610 911	129339		4.00 mm ² – 150 pcs, 6.00 mm ² – 75 pcs, 10.00 mm ² – 75 pcs, 16.00 mm ² – 50 pcs	•	90 x 90 x 44 mm	140

Kits for processing solar connectors

- Plastic cases containing various tools for cutting, stripping and crimping for the professional user
- Can be expanded by users with crimp dies and locators for a wide range of solar connector systems
- Crimp dies and locators can be found in the 'Crimping system solutions' section



Art. No. 624 105-09



Art. No. 624 105-56



Art. No. 624 105-55



Art. No.	EAN 4049002	Name	Description	↔ mm	⚖ g
624 105-09	083099	Solarkit Basis	Plastic case contains tools with a black oxide finish: · PEW 12 without crimp dies and without locator, art. no. 624 000 3 · D15 cable shears, art. no. 700 015 36 · Insulation stripper for solar cables from 1.5–6.0 mm², art. no. 708 226 3 · Assembly accessories · Can be kitted out with 2 crimp dies and 2 positioning guides	340 x 270 x 85	1,950
624 105-56	144134	Solarkit Flex	Plastic case contains tools with a black oxide finish: · PEW 12 without crimp dies and without locator, art. no. 624 000 3 · D15 cable shears, art. no. 700 015 36 · Assembly accessories · Can be kitted out with an insulation stripper for special applications, plus 2 crimp dies and 2 positioning guides	340 x 270 x 85	1,500
624 105-55	144127	Solarkit for MC4 contacts	Plastic case holds tools with chrome-plated finish: · PEW 12 without crimp dies and without locator, art. no. 624 000 6 · Crimp dies for 4, 6, 10 mm solar cables², art. no. 624 1193 3 0 · Locator for MC4 solar connectors, art. no. 624 1193 0 01 · D15 cable shears, art. no. 700 015 66 · Insulation stripper for 4, 6, 10 mm solar cables², art. no. 708 269 6 · 2 assembly tools for MC4 solar connectors, art. no. 690 001 · Assembly accessories	340 x 270 x 85	2,010

Info

The kits presented here merely illustrate a selection of the possible combinations of tools on offer. Other cable shears can be found in the 'Cutting' section, while other insulation strippers can be found under 'Insulation strippers for special applications'. For crimp dies, please see the 'Crimp dies for solar connectors' section. Details also available from our website at www.rennsteig.com. Please contact us for special applications – we have the solution to your problem!

Processing contacts and connectors

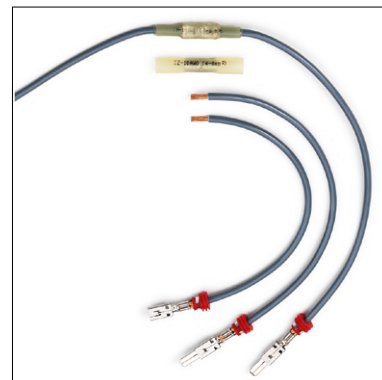
Application-based sets and kits

Repair kit to process pre-assembled cable repair lines

- Plastic case contains:
- MultiStrip® 16, insulation stripper, art. no. 707 040, capacity 0.08–16.0 mm²
- PEW 9 hand crimping tool for heat-shrink butt connectors, art. no. 619 1389 3, capacity 0.5–1.0 mm²/1.5–2.5 mm²/4.0–6.0 mm²
- Heat-shrink butt connectors, capacity 0.5–1.0 mm² (40 pcs)/1.5–2.5 mm² (30 pcs)/4.0–6.0 mm² (20 pcs)



Art. No. 619 101-02



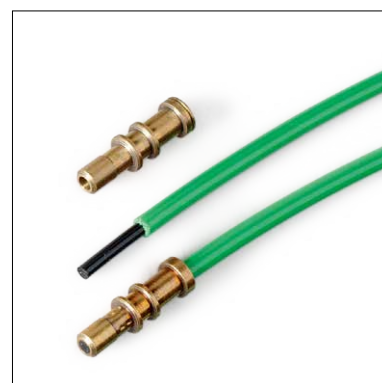
Art. No.	EAN 4049002	Description	↔ mm	⚖ g
619 101-02	146107	Repair kit for cable repair lines, Plastic case with tools and connectors	340 x 270 x 85	1,525

Kits for processing POF and the MOST connector system

- Plastic case contains:
- Insulation stripper and cutting tool for polymer Ø 2.3 mm fibre-optic cables, Art. no. 8001 0004 3 or Art. no. 8002 0004 3
- 4/8 indent crimping tool PEW 8.71 for MOST system connectors, Art. no. 8710 0000 6
- Replacement safety cutting system, Art. no. 8000 0004 0 0
- Allen key for releasing the transport safety lock



Art. No. 8712 1000 61



Art. No.	EAN 4049002	Description	↔ mm	⚖ g
8711 1000 61	023460	Kit with tool Art. No. 8001 0004 3	275 x 230 x 83	1,560
8712 1000 61	025280	Kit with tool Art. No. 8002 0004 3 (with stripping aid)	275 x 230 x 83	1,560

Special tools for aviation

- Rugged plastic case includes: tools for cutting, stripping and crimping, insertion/removal tools, plug gauges and accessories for the maintenance and repair of aluminium cabling as used in aviation for the A380, A350 and A400M aircraft
- Special crimping tools for crimping turned pin and socket contacts (ABS1380 and ABS1381) with flexible aluminium cable, AWG 24 to 12 (ABS 0949)
- Consecutively completion of conductor and insulation crimp
- Conductor crimp is completed as a four or 4/8 indent crimp, the insulation crimp is performed simultaneously as a hex (AWG 24/18) or 12x (AWG 16/14/12) crimp



Processing contacts and connectors

Special solutions and accessories

Custom solutions for special tasks.



Art. No. 625 30851 31



Tool for separating single contacts off reel contacts



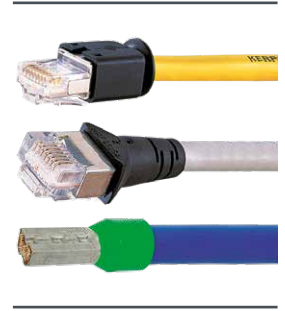
CM 25-2 crimping machine for processing shielded modular connectors



Crimping tool with 16 mm system size for processing larger wire-end ferrules

Special models based on the PEW 12 hand crimping tool

- The industry-standard PEW 12 hand crimping tool has been redesigned for special applications.
- By changing the system size and designing a wide range of sockets, this has resulted in the development of special tools for a large number of applications, for instance:
 - For the processing of shielded modular connectors from leading manufacturers such as AMP, Hirose, Telegärtner, Yamaichi, Drahtex, Molex, etc. The crimp dies are adjusted to match the corresponding connectors. In terms of design, the tool is designed so that the insulation crimp, shielding crimp, strain relief crimp and contact crimp is performed in one tool, shipped in a compact plastic case.
 - For processing large wire-end ferrules
 - For processing reel-packaged contacts up to a sheet thickness of 0.7 mm. The tool is used to separate the individual contacts from the reel.
- Please talk to us for details of other application scenarios.



Art. No. 625 30851 31



Art. No. 625 00094



Art. No. 625 41551 3

Info

Important: the tools for shielded modular push-in connectors are not part of a system. The special crimp dies are not interchangeable and cannot be used in the battery-powered E-PEW 12 powered crimper. For machine-based processing of the various plugs, we have developed special models based on the CM 25, which you will find on the following pages. The crimp die sets for 70/95 mm² wire-end ferrules are interchangeable in the PEW12 crimping tool with a 16 mm system size and the corresponding E-PEW12 powered crimper with a 16 mm system size (art. no. 6371 0100 1).

Art. No.	EAN 4049002	Finish	Profile	Connectors	↔ mm	⚖ g
625 30850 31	018442	PEW 12 special model for shielded modular connectors TM 11 – Hirose, System size 16 mm			200	1,250
625 30850 0 02	063114	Supplementary set for shielded modular connectors TM 21 and TM 31 - Hirose				27
625 30851 31	018466	PEW 12 special model for shielded modular connectors MP 8 - Telegärtner, System size 16 mm			200	1,250
625 30853 31	018480	PEW 12 special model for shielded modular connectors EMT - TE, System size 16 mm			200	1,250
625 30854 31	023552	PEW 12 special model for shielded modular connectors Molex, System size 16 mm			200	1,250
625 30855 31	052453	PEW 12 special model for shielded modular connectors Y-con – Yamaichi, System size 16 mm			200	1,250
625 00093 3	012068	PEW 12 special model for large wire-end ferrules, 70 mm², System size 16 mm			200	680
625 00093 3 0	012075	Die set for large wire-end ferrules, 70 mm², System size 16 mm			32	60
625 00094 3	077876	PEW 12 special model for large wire-end ferrules, 95 mm², System size 16 mm			200	680
625 00094 3 0	077883	Die set for large wire-end ferrules, 95 mm², System size 16 mm			32	60
625 41551 3	126246	Terminal cut-off tool, black-oxide finish			210	650

Processing contacts and connectors

Special solutions and accessories

Pneumatic crimping machines, CM 25-2 special model

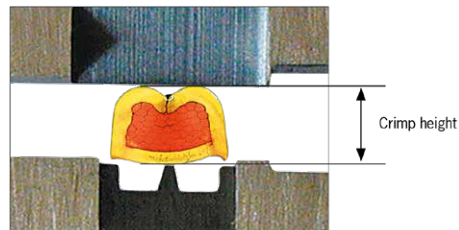
- Crimping machine specialized for the processing of shielded modular connectors of well-known manufacturers, such as Hirose (TM 11/TM 21), Telegärtner (MP 8), Yamaichi, Drahtex, Molex, AMP, TE a.s.o.
- The machine is designed in such a way that the insulation crimp, shielded crimp, strain relief crimp and the contact crimp are processed in the same crimping die.



Art. No.	EAN 4049002	Finish	Profile	Connectors	↔ mm	⚖ kg
636 30850 3	080418	Crimping machine CM 25-2 with crimp dies for shielded TM11 – Hirose push-in connectors			325 x 280 x 500 mm	34,000
636 30851 3	080432	Crimping machine CM 25-2 with crimp dies for shielded MP8 – Telegärtner push-in connectors			325 x 280 x 500 mm	30,000
636 30855 3 2	006050	Crimping machine CM 25-2 with crimp dies for shielded Y-Con – Yamaichi push-in connectors			325 x 280 x 500 mm	30,000

Digital crimp caliper

- For measuring crimp height and width from 0 – 150 mm/0 – 6"
- Special measuring surfaces prevent errors
- Reading accuracy 0.01 mm/0.0005"
- Also suitable for all standard caliper measurement tasks
- Generous digital display, switchable between mm and inch



Art. No. 690 000 1

Art. No.	EAN 4049002	Description	↔ mm	⚖ g
690 000 1	023521	Digital crimp caliper	236	295

Insertion tool for LSA-Plus

- Tool for inserting cables on strips, sockets or panels
- For UTP and STP cables, conductor diameter 0.4 to 0.8 mm
- Inserts and cuts cables in one operation
- Lockable cutting mechanism for laying without cutting
- With integrated pull hook and release lever



Art. No. 723 300



Art. No.	EAN 4049002	Description	↔ mm	⚖ g
723 300	022807	Insertion tool For UTP and STP cables, conductor diameter 0.4 to 0.8 mm	175	75

Processing contacts and connectors

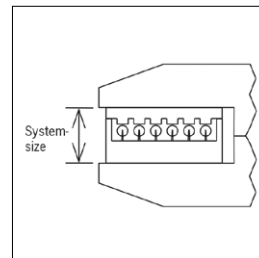
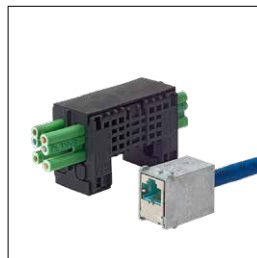
Special solutions and accessories

Parallel Crimping Tool

- For all assembly tasks that require parallel closing, such as crimping ISDN plugs and flat band connectors, and closing housings
- Customer- and plug-specific system dimensions (0 – 50 mm) and locators



Art. No. 693 200 3



Art. No.	EAN 4049002	Description	System size mm	↔ mm	⚖ g
693 200 3	018114	Parallel Crimping Tool	14.8	200	280
693 210 3	074028	Parallel Crimping Tool		200	280
693 235 3	136344	Parallel Crimping Tool		200	280

Cable Tie Removal Tool

- Special tool for the damage-free and reliable removal of cable ties
- Usable for all sizes of cable ties
- For maintenance and repair service work
- With opening spring
- Comfortable and ergonomic 2-component grips
- Low weight



Art. No. 8007 5004 6



Art. No.	EAN 4049002	Description	↔ mm	⚖ g
8007 5004 6	083112	Cable Tie Removal Tool	135	110

Pelican Cutter

- For burr-free cutting of plastic panels, skirting and cable ducts
- Excellent cutting action – even at the shear tips
- Optimum lever action means uniform hand force required over entire cutting length
- Available in two designs with cutting lengths of 60 mm and 110 mm
- Design with cutting length of 110 mm features support to ensure right-angled cuts and make 45° cut-offs easier



Art. No. 502 111 3



Art. No.	EAN 4049002	Description	↔ mm	⚖ g
502 060 3	023361	Pelican Cutter, black-oxide finish, Cutting length 60 mm	220	489
502 110 3	023378	Pelican Cutter, black-oxide finish, Cutting length 110 mm	280	590
502 111 3	025358	Pelican Cutter with positioner for plates / trunks, black-oxide finish, Cutting length 110 mm	280	767
502 060 0 0	023385	Spare blade, Cutting length 60 mm		26
502 110 0 0	023392	Spare blade, Cutting length 110 mm		43
502 111 0 0	026164	Spare Support, Cutting length 110 mm		100

Notching Pliers for wiring ducts

- Special tool for breaking out middle ridges from wiring ducts
- Cutting length with one cut up to 80 mm
- Cutting width 24 mm
- Clean, burr-free cut down to duct floor
- Matrix with integrated ejector for cut segments



Art. No. 503 618 3



Art. No.	EAN 4049002	Description	↔ mm	⚖ g
503 618 3	026188	Notching Pliers for wiring ducts, black-oxide finish, Cutting width 24 mm, Cutting depth adjustable to max. 80 mm	260	700

Processing contacts and connectors

Solutions for large cross-sections

**Easily process cross-sections
up to 400 mm².**



Art. No. 6320 800 1



Crimping head with snap closure, rotates 360°



Integrated LED for illuminating the work area



Variable speed for positioning of the tool

Hydraulic crimping tools with crimping force 80 kN up to 400 mm²

Battery-powered hydraulic APZ 80 crimper, art. no. 6320 800 1:

- Quick-release crimp head can be rotated 360°
- Variable speed for positioning the contact
- Rapid working speed with two-stage hydraulic pump
- Manual open and emergency release possible in any position
- Overpressure valve installed: even incorrect crimps will not damage the tool or die sets
- 18 V / 5 Ah lithium-ion battery, incl. charge level indicator
- 18–230 V chargers, also available as 18–120 V US version
- Guarantee – 3 years or 20,000 work cycles
- Weight of tool with battery 5,600 g, size (W×H×D) 384×331×75 mm

HPZ 80.1 hydraulic crimping tool, art. no. 632 801 5:

- Quick-release crimp head can be rotated 360°
- Quick feed with special double-piston hydraulics
- Manual open and emergency release possible in any position
- Handy table mount optionally available
- Tool weight 5,400 g, length 550 mm



Art. No. 6320 800 1



Art. No. 632 801 5



Info

Supplied in a plastic case. This includes the tool without crimp die sets, and can be kitted out individually by the user with die sets for various crimp profiles and capacities.
A table mount can be supplied for the HPZ 80.1 hand crimping tool.

Art. No.	EAN 4049002	Description	Capacity mm ² Cu	Capacity mm ² Al	↔ mm	⚖ g
632 801 5	005213	Hydraulic crimping tool HPZ 80.1 in plastic case, with 5 options for storing additional crimp die sets	10—400	10—300	700 x 260 x 110	7,120
632 40089 3	144271	Table mount for HPZ 80.1 hand crimping tool			340 x 210 x 25	920
6320 800 1	121500	Battery-powered hydraulic crimp tool APZ 80 in plastic case, with battery and charger, plus plastic case for storing crimp die sets	10—400	10—300	580 x 460 x 110	8,800

Processing contacts and connectors

Solutions for large cross-sections

Crimp die sets for APZ 80 and HPZ 80.1

- Flexible application in crimping solutions with 80 kN crimping force
- Various crimp shapes and capacities available
- Hex crimp die sets for copper according to DIN 46235/46267 and for aluminum according to DIN 46329



Art. No. 632 130 5

Art. No.	EAN 4049002	Finish	Capacity mm ² Cu	Capacity mm ² Al	Name acc. to DIN	Profile
632 124 5	019722	Hexagonal die set K6/80	10		K6	
632 125 5	019739	Hexagonal die set K8/80	16		K8	
632 126 5	019746	Hexagonal die set K10/80	25	16	K10	
632 127 5	019753	Hexagonal die set K12/80	35	25	K12	
632 128 5	019760	Hexagonal die set K14/80	50	35	K14	
632 129 5	019777	Hexagonal die set K16/80	70	50	K16	
632 130 5	019784	Hexagonal die set K18/80	95	70	K6/K16	
632 131 5	019791	Hexagonal die set K20/80	120		K20	
632 132 5	019807	Hexagonal die set K22/80	150	95 + 120	K22	
632 133 5	019814	Hexagonal die set K25/80	185	150	K25	
632 134 5	019821	Hexagonal die set K28/80	240	185	K28	
632 135 5	019838	Hexagonal die set K32/80	300	240	K32	
632 136 5	019845	Hexagonal die set K34/80		300	K34	

Crimp die sets for APZ 80 and HPZ 80.1

- One-indent crimp die sets for solderless cable lugs and connectors according to DIN 46234



Art. No. 632 306 5

Art. No.	EAN 4049002	Finish	Capacity mm ² Cu	Capacity mm ² Al	Name acc. to DIN	Profile
632 304 5	019852	Indent die set D10/80	10	10		
632 305 5	019869	Indent die set D16/80	16	16		
632 306 5	019876	Indent die set D25/80	25	25		
632 307 5	019883	Indent die set D35/80	35	35		
632 308 5	019890	Indent die set D50/80	50	50		
632 309 5	019906	Indent die set D70/80	70	70		
632 310 5	019913	Indent die set D95/80	95	95		
632 311 5	019920	Indent die set D120/80	120	120		
632 312 5	019937	Indent die set D150/80	150	150		
632 313 5	019944	Indent die set D185/80	185	185		
632 314 5	019951	Indent die set D240/80	240	240		

Processing contacts and connectors

Solutions for large cross-sections

Crimp die sets for APZ 80 and HPZ 80.1

- Crimp die sets with B-crimp shape and locators for Aptiv Power Pack 1000/2000
- Trapezoidal crimp dies for insulated and non-insulated wire-end ferrules



Art. No. 632 007 3 01



Art. No.	EAN 4049002	Finish	Capacity mm ² Cu	Capacity mm ² Al	Name acc. to DIN	Profile
632 005 3 01	143601	Die set and locator, Aptiv Power Pack 2000, (13523156, 13513037)	32			
632 007 3 01	143625	Die set and locator, Aptiv Power Pack 2000, (13523157, 13513038)	50			
632 009 3 0	148569	Die set, Aptiv Power Pack 1000, (13675577, 13675583)	8			
632 009 0 01	148576	Locator, Aptiv Power Pack 1000				
632 010 3 0	148583	Die set, Aptiv Power Pack 1000, (13675578, 13675584)	13			
632-90638	131011	Crimp die set trapezoid geometry 70/80, Crimp width 24 mm	70	70		
632-90639	132568	Crimp die set trapezoid geometry 95/80, Crimp width 24 mm	95	95		
632-90640	132575	Crimp die set trapezoid geometry 120/80, Crimp width 24 mm	120	120		
632-90641	132582	Crimp die set trapezoid geometry 150/80, Crimp width 38 mm	150	150		
632-90642	132599	Crimp die set trapezoid geometry 185/80, Crimp width 38 mm	185	185		
632-90643	132605	Crimp die set trapezoid geometry 240/80, Crimp width 38 mm	240	240		

Crimp die sets for APZ 80 and HPZ 80.1

- Crimp die sets with WM shape for DIN-style cable lugs and connectors
- Optionally available cutter die set for copper and aluminum cables up to Ø 28 mm



Art. No. 632 407 5



Art. No. 632 90654

Art. No.	EAN 4049002	Finish	Capacity mm ² Cu	Capacity mm ² Al	Name acc. to DIN	Profile
632 404 5	019999	Crimp die set WM-profile 10/80	10	10		
632 405 5	020001	Crimp die set WM-profile 16/80	16	16		
632 406 5	020018	Crimp die set WM-profile 25/80	25	25		
632 407 5	020025	Crimp die set WM-profile 35/80	35	35		
632 408 5	020032	Crimp die set WM-profile 50/80	50	50		
632 409 5	020049	Crimp die set WM-profile 70/80	70	70		
632 410 5	020056	Crimp die set WM-profile 95/80	95	95		
632 411 5	020063	Crimp die set WM-profile 120/80	120	120		
632 412 5	020070	Crimp die set WM-profile 150/80	150	150		
632 413 5	020087	Crimp die set WM-profile 185/80	185	185		
632 414 5	020094	Crimp die set WM-profile 240/80	240	240		
632 415 5	020100	Crimp die set WM-profile 300/80	300	300		
632 416 5	020117	Crimp die set WM-profile 400/80	400	400		
632 90654	144288	Cutting assembly, up to max. cable diameter of 28 mm	185	240		

Processing contacts and connectors

Solutions for large cross-sections

**Comfortable crimping
for cross-sections up to
185 mm².**



Art. No. 630 501 3



Crimp head rotates 180°



Quick-release lock for tool-less die sets changing



Locators for special crimp die sets available

Hydraulic crimping tools with crimping force 50 kN up to 185 mm²

HPZ 50.1 hydraulic crimping tool, art. no. 630 501 3:

- Quick-release crimp head can be rotated 180°
- Quick feed with special double-piston hydraulics
- Manual open and emergency release possible in any position
- Weight of tool 2,700 g, size (W×H×D) 398×157×54 mm

Battery-powered hydraulic APZ 50 crimper, art. no. 6300 500 1:

- Quick-release crimp head can be rotated 360°
- Variable speed for positioning the contact
- Rapid working speed with two-stage hydraulic pump
- Integrated LED for illuminating the work area
- Manual open and emergency release possible in any position
- Overpressure valve installed: even incorrect crimps will not damage the tool or the die sets
- 18 V / 5 Ah lithium-ion battery, incl. charge level indicator
- 18–230 V chargers, also available as 18–120 V US version
- Guarantee – 3 years or 20,000 work cycles
- Weight of tool with battery 4,300 g, size (W×H×D) 329×331×75 mm



Art. No. 630 501 3



Art. No. 6300 500 1



Info

Supplied in a plastic case. This includes the tool without crimp die sets, and can be kitted out individually by the user with die sets for various crimp profiles and capacities.

Art. No.	EAN 4049002	Description	Capacity mm² Cu	Capacity mm² Al	↔ mm	⚖ g
630 501 3	004827	Hydraulic crimping tool HPZ 50.1 in plastic case, 15 options for storing additional die sets	10—185	10—150	460 x 230 x 85	3,300
6300 500 1	121494	Battery-powered hydraulic crimp tool APZ 50 in plastic case, with battery and charger, plus plastic case for storing crimp die sets	10—185	10—150	580 x 460 x 110	7,400

Processing contacts and connectors

Solutions for large cross-sections

Crimp die sets for APZ 50 and HPZ 50.1 – standard applications

- Flexible application in crimping solutions with 50 kN crimping force
- Various crimp shapes and capacities available
- Hex crimp die sets for copper according to DIN 46235 and for aluminum according to DIN 46329



Art. No. 630 203 5



Art. No. 630 204 5

Art. No.	EAN 4049002	Finish	Capacity mm ² Cu	Capacity mm ² Al	Name acc. to DIN	Profile
630 201 5	004896	Hex crimp die set, double sided, rotating	10 / 70	- / 50	K6/K16	
630 202 5	004902	Hex crimp die set, double sided, rotating	16 / 35	- / 16+25	K8/K12	
630 203 5	004919	Hex crimp die set, double sided, rotating	25 / 50	10 / 35	K10/K14	
630 204 5	004926	Hexagonal die set	95	70	K18	
630 206 5	004940	Hexagonal die set	120		K20	
630 207 5	004957	Hexagonal die set	150		K22	
630 209 5	004971	Hexagonal die set	185	150	K25	

Crimp die sets for APZ 50 and HPZ 50.1 – standard applications

- One-indent crimp die sets for solderless cable lugs and connectors according to DIN 46234
- Crimp die sets with WM shape for DIN-style cable lugs and connectors



Art. No. 630 313 5



Art. No. 630 404 5

Art. No.	EAN 4049002	Finish	Capacity mm ² Cu	Capacity mm ² Al	Name acc. to DIN	Profile
630 307 5	004551	Indent die set	6	6	D6	
630 308 5	004568	Indent die set	10	10	D10	
630 309 5	004575	Indent die set	16	16	D16	
630 310 5	004582	Indent die set	25	25	D25	
630 311 5	004599	Indent die set	50	50	D50	
630 312 5	004605	Indent die set	35	35	D35	
630 313 5	004612	Indent die set	70	70	D70	
630 401 5	005053	Double crimp die set, WM-profile, rotating	10 / 70	10 / 70	WM10/70	
630 402 5	005060	Double crimp die set, WM-profile, rotating	16 / 35	16 / 35	WM16/35	
630 403 5	005077	Double crimp die set, WM-profile, rotating	25 / 50	25 / 50	WM25/50	
630 404 5	005084	Die set WM-style	95	95	WM95	
630 405 5	005091	Die set WM-style	120	120	WM120	
630 406 5	005107	Die set WM-style	150	150	WM150	
630 407 5	005114	Die set WM-style	185	185	WM185	

Processing contacts and connectors

Solutions for large cross-sections

Crimp die sets for APZ 50 and HPZ 50.1 – automotive contacts

- Flexible application in crimping solutions with 50 kN crimping force
- Crimp die sets and locators are available for a range of MTA and TE Connectivity contact series



Art. No. 630 014 3 01

Art. No.	EAN 4049002	Finish	Capacity mm ² Cu	Profile
630 011 3 01	140006	Die set and locator, MTA F800, (1107620, 1107650, 1707620, 1707650)	1.5	
630 012 3 01	141218	Die set and locator, MTA M800 / WP M800, (1107675, 1107700, 1707675, 1707700)	2.5—4	
630 013 3 01	141225	Die set and locator, MTA F800, (1107621, 1107660, 1707621, 1707660)	4—6	
630 014 3 01	141232	Die set and locator, MTA M800 / WP M800, (1107685, 1107710, 1707685, 1707710)	6	
630 015 3 01	141249	Die set and locator, MTA F800, (1107622, 1107670, 1707622, 1707670)	10	
630 016 3 01	141256	Die set and locator, MTA M800 / WP M800, (1107690, 1107720, 1707690, 1707720)	10—16	
630 017 3 01	141263	Die set and locator, MTA F800, (1107671, 1707623, 1707671)	16	
630 020 3 01	141270	Die set and locator, MTA F800, (1107620, 1107650, 1707620, 1707650)	2.5	
630 021 3 01	144141	Die set and locator, MTA MAXI WP F800, with seal, (1107400, 1707400)	1.5—2.5	
630 022 3 01	144158	Die set and locator, MTA MAXI WP F800, with seal, (1107410, 1707410)	4	
630 023 3 01	144165	Die set and locator, MTA MAXI WP F800, with seal, (1107410, 1707410)	6	
630 024 3 01	144172	Die set and locator, MTA MAXI WP F800, with seal, (1107420, 1707420)	10	

Crimp die sets for APZ 50 and HPZ 50.1 – automotive contacts

Art. No.	EAN 4049002	Finish	Capacity mm² Cu	Profile
630 025 3 01	144189	Die set and locator, MTA Power 950, (1107740, 1707740)	2.5	
630 026 3 01	144196	Die set and locator, MTA Power 950, (1107740, 1707740)	4	
630 027 3 01	144202	Die set and locator, MTA Power 950, (1107741, 1707741)	6	
630 037 3 01	145209	Die set and locator, MTA Power 950, (1707742)	10	
630 028 3 01	144219	Die set and locator, Maxi Power Timer WP, with seal, (962934, 962935, 963770, 963771)	2.5	
630 029 3 01	144226	Die set and locator, Maxi Power Timer WP, with seal, (962934, 962935, 963770, 963771)	4	
630 030 3 01	144233	Die set and locator, Maxi Power Timer WP, with seal, (962936, 962937, 963772, 963773)	4	
630 031 3 01	144240	Die set and locator, Maxi Power Timer WP, with seal, (962936, 962937, 963772, 963773)	6	
630 032 3 01	144257	Die set and locator, Maxi Power Timer WP, with seal, (962938, 962939, 963774, 963775)	6	
630 033 3 01	144264	Die set and locator, Maxi Power Timer WP, with seal, (962938, 962939, 963774, 963775)	10	
630 034 3 01	145193	Die set and locator, Maxi Power Timer WP, with seal, (X7-1164-0100)	16	

Processing contacts and connectors

Solutions for large cross-sections

Mechanical hand crimping tool MPZ 55

- Rugged, mechanical two-hand crimping tool in a metal case for crimping cable lugs and connectors up to 120 mm²
- High-precision mechanism applies a high crimping force with minimal manual effort
- Circumferential eccentric mechanism for smooth action
- Forced-lock completion of crimping process ensures high-quality crimped connections
- Fold-out head simplifies changing die sets and working with bulky connector types
- Various crimp dies sets are available – note that matrice and indenter should always be combined for one-indent crimp die set
- Pliers weight 2,460 g, length 430 mm



Art. No. 633 055 5

Art. No.	EAN 4049002	Finish	Crimp width mm	Capacity mm ² Cu	Capacity mm ² Al	Name acc. to DIN	Profile
633 055 5	027697	Mechanical hand crimping tool MPZ 55, Base unit without crimp dies in case		6—120	6—95		
633 101 3	027703	Hex crimp die set, double sided, for aluminium cable lugs and connectors (DIN 46329)	7 mm		16 / 35	10/14 AL	
633 102 3	027710	Hex crimp die set, double sided, for aluminium cable lugs and connectors (DIN 46329)	7 mm		25 / 50	12/16 AL	
633 103 3	027727	Hexagonal die set, for aluminium cable lugs and connectors (DIN 46329)	7 mm		70	8 AL	
633 104 3	027734	Hexagonal die set, for aluminium cable lugs and connectors (DIN 46329)	7 mm		95	20 AL	

Other crimp die sets for mechanical MPZ 55 hand crimping tool



Art. No. 633 102 3



Art. No. 633 104 3



Art. No. 633 401 3 + 633 406 3



Art. No. 633 403 3 + 633 406 3

Art. No.	EAN 4049002	Finish	Crimp width mm	Capacity mm ² Cu	Capacity mm ² Al	Name acc. to DIN	Profile
633 201 3	027741	Hex crimp die set, double sided, for copper cable lugs and connectors (DIN 46235)	5.5 mm	10/ 70		6/16	
633 202 3	027758	Hex crimp die set, double sided, for copper cable lugs and connectors (DIN 46235)	5.5 mm	16/ 35		8/12	
633 203 3	027765	Hex crimp die set, double sided, for copper cable lugs and connectors (DIN 46235)	5.5 mm	25/ 50		10/14	
633 204 3	027772	Hexagonal die set, for copper cable lugs and connectors (DIN 46235)	5.5 mm	95		18	
633 205 3	027789	Hexagonal die set, for copper cable lugs and connectors (DIN 46235)	5.5 mm	120		20	
633 301 3	027796	Hex crimp die set, double sided, for copper crimped cable lugs and tube cable lugs	7 mm	10/ 70		6/16	
633 302 3	027802	Hex crimp die set, double sided, for copper crimped cable lugs and tube cable lugs	7 mm	16/ 35		8/12	
633 303 3	027819	Hex crimp die set, double sided, for copper crimped cable lugs and tube cable lugs	7 mm	25/ 50		10/14	
633 304 3	027826	Hexagonal die set, for copper crimped cable lugs and tube cable lugs	5.5 mm	95		18	
633 305 3	027833	Hexagonal die set, for copper crimped cable lugs and tube cable lugs	5.5 mm	120		20	
633 401 3	027840	4x matrice, for solderless cable lugs without insulation, rotating, for use with stamp 633 406 3	7 mm	10/ 16/ 25/ 35	10/ 16/ 25/ 35	10, 16, 25, 35	
633 402 3	027857	4x matrice, for solderless cable lugs without insulation, rotating, for use with stamp 633 406 3	7 mm	16/ 25/ 35/ 50	16/ 25/ 35/ 50	16, 25, 35, 50	
633 403 3	027864	Double matrice, for solderless cable lugs without insulation, rotating, for use with stamp 633 406 3	9 mm	6/ 50	6/ 50	6, 50	
633 404 3	027871	Double matrice, for solderless cable lugs without insulation, rotating, for use with stamp 633 406 3	9 mm	10/ 70	10/ 70	10, 70	
633 405 3	027888	Single matrice, for solderless cable lugs without insulation, for use with stamp 633 406 3	9 mm	70	70	70	
633 406 3	027895	Indenter, for solderless cable lugs without insulation, for use with the one-indent crimp matrices mentioned above	7 mm	6— 70	6— 70	6–70	

Processing contacts and connectors

Solutions for large cross-sections

Mechanical hand crimping tool MPZ 30

- Rugged, mechanical hand crimping tool in a metal case for crimping cable lugs and connectors up to 50 mm²
- High-precision mechanism applies a high crimping force with minimal manual effort
- Easy movement thanks to needle roller bearings
- Forced-lock completion of crimping process ensures high-quality crimped connections
- Fold-out head simplifies working with bulky connector types and changing die sets
- Various crimp dies sets are available – note that matrice and indenter should always be combined for one-indent crimp die set
- Pliers weight 1,420 g, length 280 mm



Art. No. 634 030 5

Art. No.	EAN 4049002	Finish	Crimp width mm	Capacity mm ² Cu	Capacity mm ² Al	Name acc. to DIN	Profile
634 030 5	027901	Mechanical hand crimping tool MPZ 30, Base unit without crimp dies in case		6—50	6—50		
634 101 3	027918	Hexagonal die set, for aluminum tube cable lugs and connectors (DIN 46329)	7 mm		16	10 AL	
634 102 3	027925	Hexagonal die set, for aluminum tube cable lugs and connectors (DIN 46329)	7 mm		25	12 AL	
634 103 3	027932	Hexagonal die set, for aluminum tube cable lugs and connectors (DIN 46329)	7 mm		35	14 AL	
634 104 3	027949	Hexagonal die set, for aluminum tube cable lugs and connectors (DIN 46329)	7 mm		50	16 AL	
634 201 3	027956	Hexagonal die set, for copper tube cable lugs and connectors (DIN 46235)	5 mm	6		5	
634 202 3	027963	Hexagonal die set, for copper tube cable lugs and connectors (DIN 46235)	5 mm	10		6	
634 203 3	027970	Hexagonal die set, for copper tube cable lugs and connectors (DIN 46235)	5 mm	16		8	
634 204 3	027987	Hexagonal die set, for copper tube cable lugs and connectors (DIN 46235)	5 mm	25		10	
634 205 3	027994	Hexagonal die set, for copper tube cable lugs and connectors (DIN 46235)	5 mm	35		12	
634 206 3	028007	Hexagonal die set, for copper tube cable lugs and connectors (DIN 46235)	5 mm	50		14	

Other crimp die sets for mechanical MPZ 30 hand crimping tool



Art. No. 634 203 3



Art. No. 634 306 3

Art. No.	EAN 4049002	Finish	Crimp width mm	Capacity mm ² Cu	Capacity mm ² Al	Name acc. to DIN	Profile
634 301 3	028014	Die set WM-style, for industry-standard copper tube cable lugs	6 mm	6		CU 6	
634 302 3	028021	Die set WM-style, for industry-standard copper tube cable lugs	6 mm	10		CU 10	
634 303 3	028038	Die set WM-style, for industry-standard copper tube cable lugs	6 mm	16		CU 16	
634 304 3	028045	Die set WM-style, for industry-standard copper tube cable lugs	6 mm	25		CU 25	
634 305 3	028052	Die set WM-style, for industry-standard copper tube cable lugs	6 mm	35		CU 35	
634 306 3	028069	Die set WM-style, for industry-standard copper tube cable lugs	6 mm	50		CU 50	
634 501 3	028106	oval crimp dies, for insulated connectors according to DIN 46237	7 mm	10		DIN 10	
634 502 3	028113	oval crimp dies, for insulated connectors according to DIN 46237	7 mm	16		DIN 16	
634 503 3	028120	oval crimp dies, for insulated connectors according to DIN 46237	7 mm	25		DIN 25	
634 601 3	028137	Single matrice, for solderless cable lugs, DIN: 46234, 46341, VG: 88710, 88708, for use with indenter 634 606 3	7 mm	6		DIN 6	
634 602 3	028144	Single matrice, for solderless cable lugs, DIN: 46234, 46341, VG: 88710, 88708, for use with indenter 634 606 3	7 mm	10		DIN 10	
634 603 3	028151	Single matrice, for solderless cable lugs, DIN: 46234, 46341, VG: 88710, 88708, for use with indenter 634 606 3	9 mm	16		DIN 16	
634 604 3	028168	Single matrice, for solderless cable lugs, DIN: 46234, 46341, VG: 88710, 88708, for use with indenter 634 606 3	9 mm	25		DIN 25	
634 605 3	028175	Single matrice, for solderless cable lugs, DIN: 46234, 46341, VG: 88710, 88708, for use with indenter 634 606 3	9 mm	35		DIN 35	
634 606 3	028182	Indenter, for solderless cable lugs, DIN: 46234, 46341, VG: 88710, 88708, for use with the one-indent crimp matrices mentioned above	7 mm	6—35		DIN 6-35	

Index

502 060 0 0	121	624 075 3 01	73	630 011 3 01	132	632 801 5	123	680 100 4	107	8002 0006 3	99
502 060 3	121	624 079 3 0	73	630 012 3 01	132	632 90654	127	680 110 4	107	8002 0012 3	99
502 110 0 0	121	624 080 3 0	74	630 013 3 01	132	632-90638	126	681 719 05	109	8007 1020 0 0	104
502 110 3	121	624 081 3 0	74	630 014 3 01	132	632-90639	126	681 719E 08	108	8007 1030 0 0	104
502 111 0 0	121	624 082 3 0	74	630 015 3 01	132	632-90640	126	681 719P1 05	109	8007 1070 6	104
502 111 3	121	624 086 3 0	74	630 016 3 01	132	632-90641	126	681 720B7	108	8007 1090 6 0	104
503 618 3	121	624 090 3 0	72	630 017 3 01	132	632-90642	126	681 729 08	109	8007 1100 6 0	104
610 001 0	54	624 090-5 3 0	72	630 020 3 01	132	632-90643	126	681 729 1028	109	8007 1110 6 0	104
610 084 3 2	43	624 091 3 0	72	630 021 3 01	132	6320 800 1	123	681 739 0631	109	8007 1130 6 0	104
610 087 3	45	624 092 3 0	72	630 022 3 01	132	633 055 5	134	681 739E 0810	108	8007 1150 6 0	104
610 088 3	45	624 096-1 3 0	72	630 023 3 01	132	633 101 3	134	681 739E 1019	108	8007 1160 6 0	104
610 184 3	43	624 096-2 3 0	72	630 024 3 01	132	633 102 3	134	681 805E 12	108	8007 1170 6 0	104
610 185 3	43	624 096-3 3 0	72	630 025 3 01	133	633 103 3	134	690 000 1	119	8007 1200 6 0	104
610 190 6	41	624 097 3 0	72	630 026 3 01	133	633 104 3	134	690 001	76	8007 1220 6 0	104
610 191 6	41	624 100 3 0	75	630 027 3 01	133	633 201 3	135	693 200 3	120	8007 1230 6 0	104
610 286 3	43	624 101 3	61	630 028 3 01	133	633 202 3	135	693 210 3	120	8007 3030 6	105
610 904	111	624 101 6	61	630 029 3 01	133	633 203 3	135	693 235 3	120	8007 3500 0	105
610 905	112	624 1042 3 01	70	630 030 3 01	133	633 204 3	135	695 000 2	55	8007 3520 0	105
610 906	112	624 1043 3 01	71	630 031 3 01	133	633 205 3	135	695 001 3 01	55	8007 3540 0	105
610 907	112	624 105-09	113	630 032 3 01	133	633 301 3	135	695 002 3 01	55	8007 3560 0	105
610 908	112	624 105-55	113	630 033 3 01	133	633 302 3	135	695 003 3 01	55	8007 3580 0	105
610 909	112	624 105-56	113	630 034 3 01	133	633 303 3	135	695 025 3 01	55	8007 3600 0	105
610 910	112	624 1071 3 0	68	630 037 3 01	133	633 304 3	135	695 030 3 01	55	8007 3620 0	105
610 911	112	624 114 3 0	75	630 201 5	130	633 305 3	135	695 032 3 01	55	8007 3640 0	105
610 913	111	624 1186 0 01	77	630 202 5	130	633 401 3	135	695 043 3 0	55	8007 3660 0	105
610 921	111	624 1186 3 0	77	630 203 5	130	633 402 3	135	695 044 3 0	55	8007 3680 0	105
610 922	111	624 119 3 0	75	630 204 5	130	633 403 3	135	695 045 3 0	55	8007 5000 3	33
610 923	111	624 1193 0 01	76	630 206 5	130	633 404 3	135	695 046 3 0	55	8007 5001 3	33
610 926	111	624 1193 3 0	76	630 207 5	130	633 405 3	135	695 647 3 01	55	8007 5004 6	120
616 001 3 1	57	624 1194 0 01	77	630 209 5	130	633 406 3	135	700 015 3	11	8710 0000 6	103
616 002 3 1	57	624 1194 3 0	77	630 307 5	131	634 030 5	136	700 015 36	11	8711 1000 61	114
616 003 3 1	57	624 120 3 0	75	630 308 5	131	634 101 3	136	700 016 3	11	8712 1000 61	114
616 011 3	57	624 1325 3 01	71	630 309 5	131	634 102 3	136	700 016 36	11	8720 0000 6	89
616 024 3 1	57	624 1384 0 01	77	630 310 5	131	634 103 3	136	700 020 3	12	8720 0000 61	89
616 026 3 1	57	624 1384 3 0	77	630 311 5	131	634 104 3	136	700 020 36	12	8720 0101 0	92
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624 060-6 3 0	67	626 100 3	53	632 406 5	127	6370 0200 1	63	8000 0002 3	99	8750 0404 0	92
624 063 3 0	67	626 1071 3	53	632 407 5	127	6370 0300 1	63	8000 0003 3	99	8750 0408 0	92
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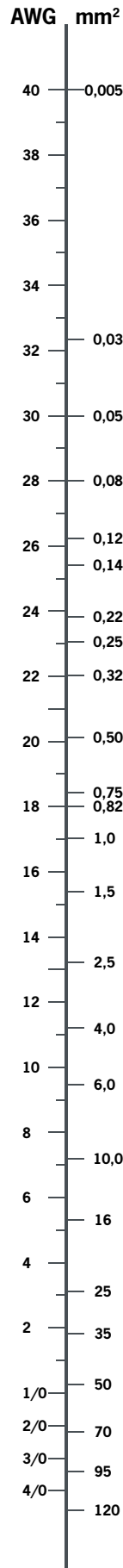
Index

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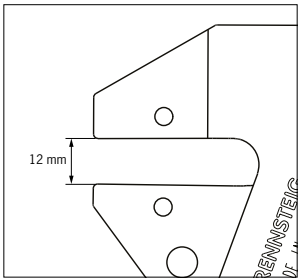
Symbols

	Length
mm	
	Weight
	Single conductor cable, solid
	Multi-conductor cable
	Fine-stranded cable
	Sector shaped cable
	Square-Crimp
	Hexagonal Crimp
	One-Indent Crimp
	Oval-Crimp
	Two-Indent Crimp
	B/F Crimp
	Trapezoid-Crimp
	Data connector Crimp
	4/8-Indent Crimp
	WM-Crimp
	UL certificate

Conversion



Crimping system -
system dimensions





Rennsteig Werkzeuge GmbH

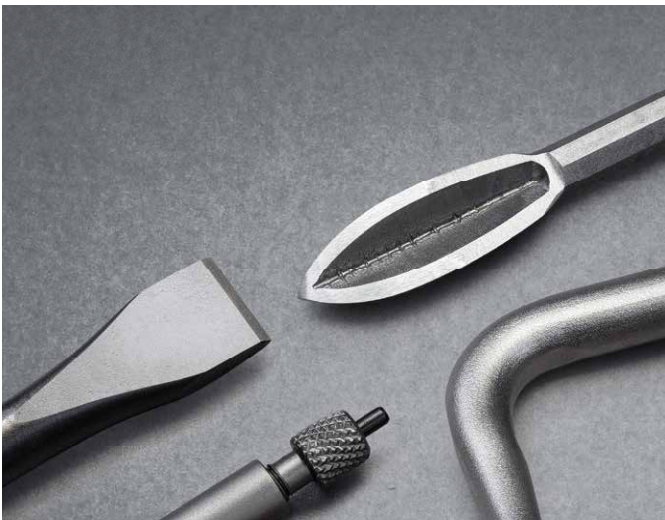
An der Koppel 1
98587 Steinbach-Hallenberg
Germany

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info@rennsteig.com
www.rennsteig.com



Quality tools for construction and industry

Assortment catalogue



RENNSTEIG – Company

RENNSTEIG takes its name from the eponymous 'Rennsteig', one of eastern Germany's most beautiful hill walking routes. Our company is based in the south of Thuringia, a region with a centuries-old tradition of tool manufacturing.

The link between tools for professionals and the hiking route was forged in 1959, with Rennsteig completing all production in-house, from the idea to the final product.

Since 1991, RENNSTEIG has operated as an independent subsidiary of the prestigious KNIPEX-Werk C. Gustav Putsch KG in Wuppertal.

Our company headquarters are located in Thuringia, in the district of Schmalkalden-Meiningen. The head office and one of the company's production facilities are located in the town of Steinbach-Hallenberg, in the districts of Viernau and Altersbach. The company was expanded in early 2024 to include a production facility in Zella-Mehlis.



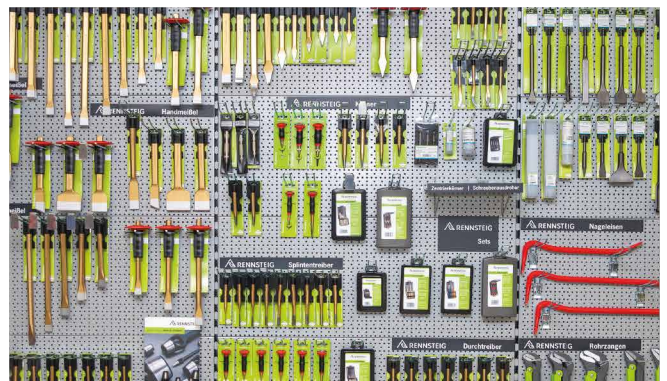
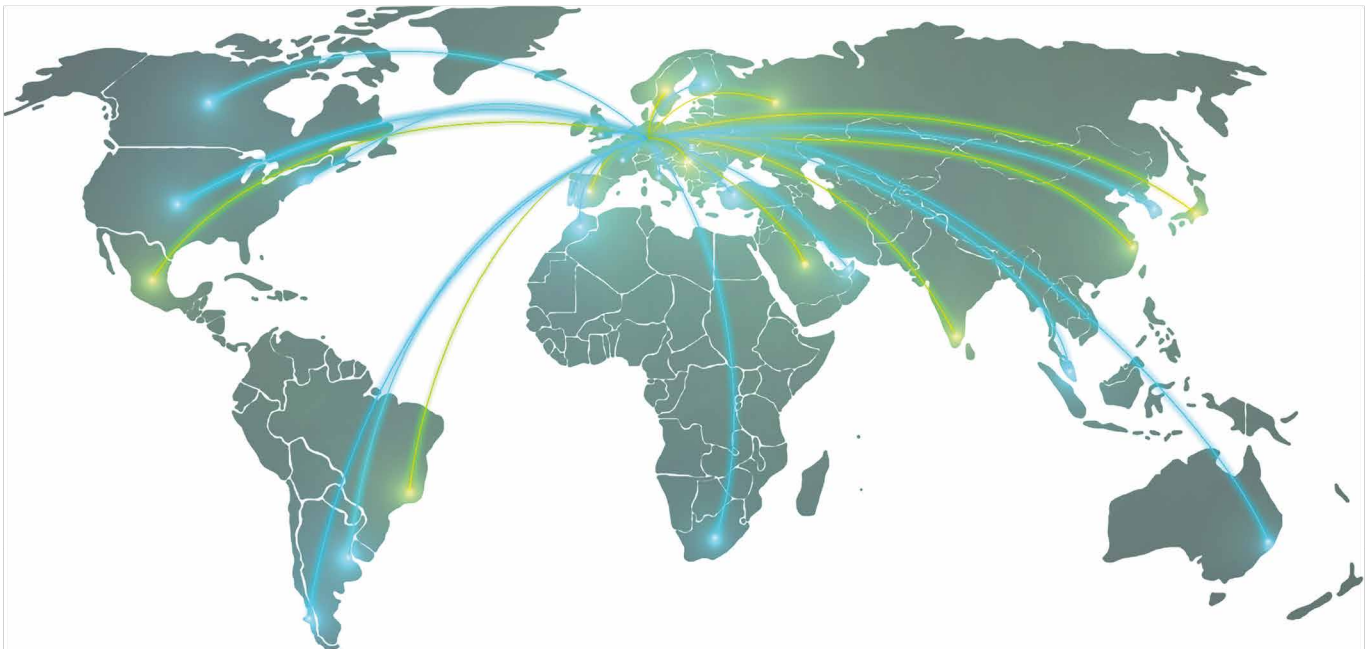
RENNSTEIG – Worldwide

Although we have deep roots in Thuringia, we also have an international focus. Thanks to our global network of dealers and close collaboration with the KNIPEX Group, we can provide local, on-site support for our international customers.

In the USA, we operate a wholly owned subsidiary, RENNSTEIG Tools, Inc., which enables us to provide rapid and reliable services to our Stateside customers. We now manufacture custom tools there too, to complement our range of hand-held tools.

We expand and optimise our broad range of branded tools on a regular basis. Our exceptional flexibility in production has also enabled us to focus on the creation of private-label goods for specific customers.

Our business partners value our ability to innovate and our technical expertise. This results in customer-specific tools produced as part of a close working partnership. Wherever in the world our goods are sold, in-depth service from RENNSTEIG experts is always at hand.



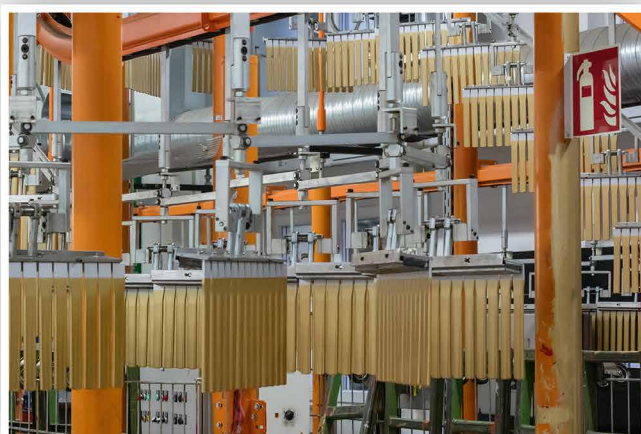
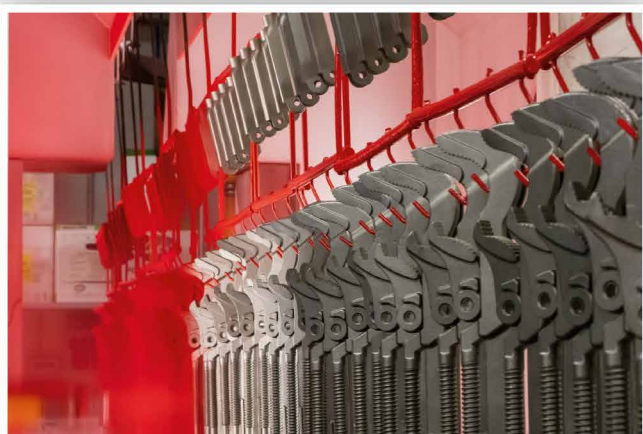
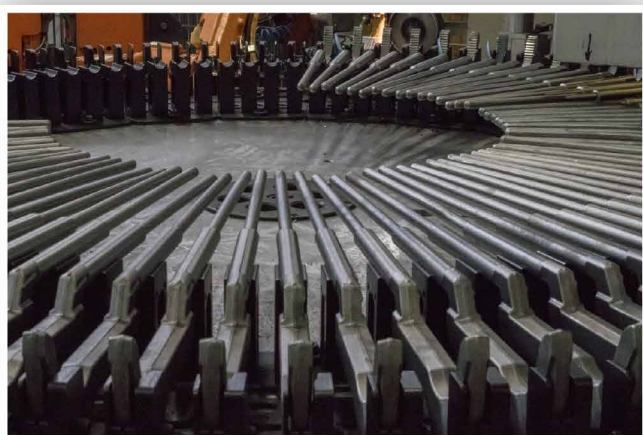
RENNSTEIG – Innovation and the future

Modern technologies and constantly evolving manufacturing methods are used to turn high-quality materials into pro-quality tools. Our growth is accompanied by constant and extensive investment activity.

Our in-house R&D Department produces a steady stream of new and improved products that are key to sustaining our continued growth and associated customer satisfaction.

A large library of patents – not restricted solely to German territory – also document our innovative strengths. This also means that bespoke tooling can be designed and built to suit a wide range of applications and can be mass-produced.

Our company has also established itself globally, as one of the world's leading tool manufacturers. With over 90% of our products manufactured in-house and very high standards of quality, we are proud to carry the „Made in Germany“ label.



People at RENNSTEIG

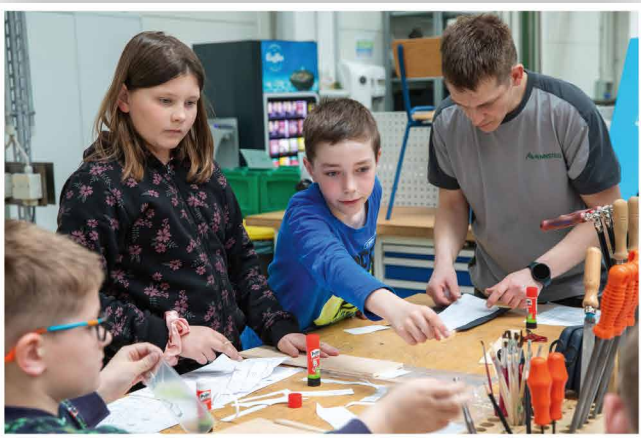
We currently employ over 400 people, who use their ingenuity, passion and attention to detail to deliver professional and innovative results for clients in the industries we serve.

Always a good connection – not just with our business partners and employees, but also thanks to the support we offer communities in regards to culture and the environment, as well as youth work in the areas of education and sport.

In our Junior Enterprise Workshop, we give children the opportunity to gain practical insights into technical professions while they are still at school. Here, boys and girls can test out their manual skills and make more informed decisions about their future careers.

In our “RENNSTEIG Forge of Heroes” training workshop, instructors train up our budding professionals in a variety of dual vocational training programmes. We are happy to take on these young professionals on completion of their training and to support them in their future careers, depending on their aptitude and interest.

We also foster and encourage our employees' productivity and team spirit by regular workplace modernisation programmes, a broad-based portfolio of further training and development courses, a company health management system and various team events. In this way, we are laying the groundwork for sustainable and successful company growth and development within Germany.





Contents

Striking tools	8
Chisels	32
Tool sets	56
Shank chisels	62
Wrecking Bars, Cowbars	78
Assembly / Disassembly tools	86
Scrapers	96
Punching tools	106
Pipe cutters and Notching pliers	114
Pipe Wrenches	130
Circlip Pliers	138
Sales aids	144
Index Article Number	150

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Striking tools

Striking tools

**Precise centre-punching
with adjustable striking force**



Art. No. 430 231 / 430 230 / 430 229



2-components-handguard



Adjustable striking force



Replaceable, hardened pin

Automatic Centre Punch

- For preparing and precisely marking a drill point to prevent the drill tip from drifting
- Triggered automatically by a special spring mechanism
- Versatile tool even in confined spaces, since no hammering is required
- Available in 3 different sizes, with a striking force that is adjustable from 20 to 250 N
- Version with 2-component grips or knurled gripping surface
- Made of special tool steel, galvanised surface
- Supplied with Euro slot hanger for presentation on self-service displays



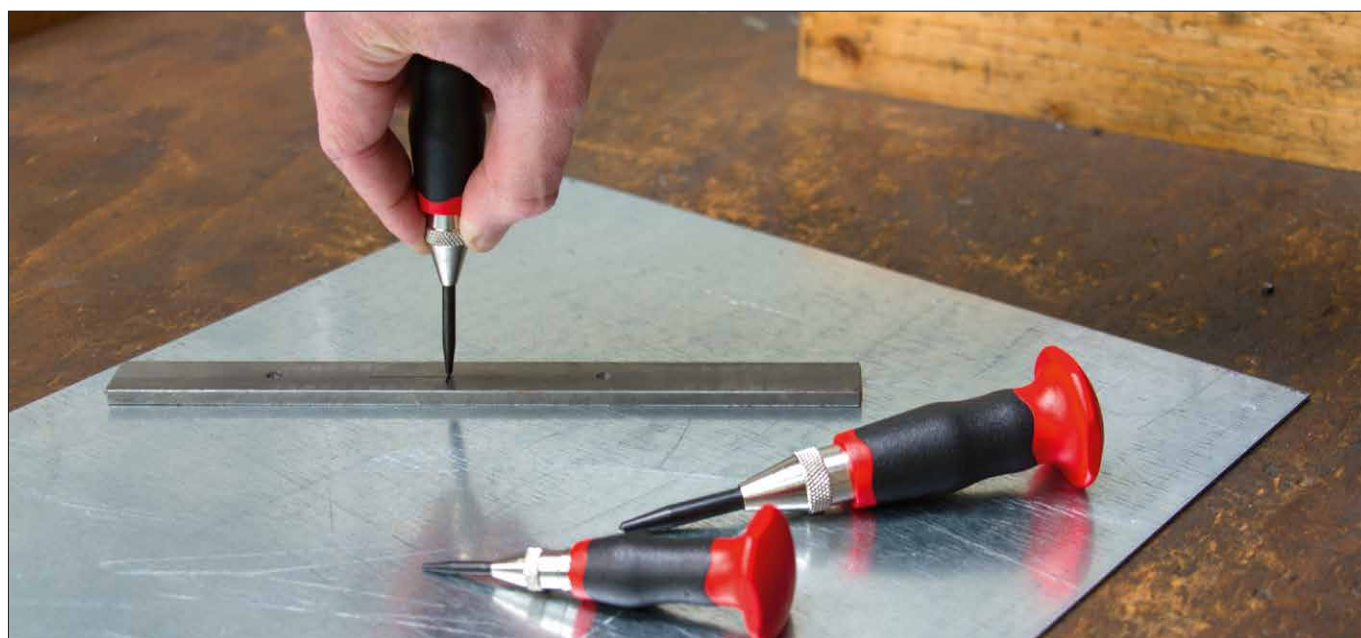
YouTube



Art. No. 430 230



Art. No. 430 130



The punch's striking force increases with its size. We therefore recommend to select the size according to the given application for dot marking on steel, NF metals and plastics until robust marking of tool and structural steel.

Art. No.	EAN 4049002	Handguard	Shank Ø mm	Tip Ø mm	Adjustable stri- king force N min	Adjustable stri- king force N max	↔ mm	⚖ g	📦
Automatic Centre Punches									
430 129	024122		11	3.5	20	50	95	45	1
430 229	096914	●	11	3.5	20	50	95	65	1
430 130	002380		14	4	60	130	125	78	1
430 230	096921	●	14	4	60	130	125	97	1
430 131	024146		17	6	180	250	130	127	1
430 231	096938	●	17	6	180	250	130	155	1
Spare tips									
439 129	024139			3.5			35	4	1
439 130	013034			4			46	5	1
439 131	024153			6			54	12	1

Striking tools

**Precise, offset-free punching
through precise centering**



Art. No. 430 142 / 430 141 / 430 140



Knurled screw to widen the centring sleeve



Replaceable, hardened pin



Adjusts to fit hole diameter

Adjustable Centering Punch

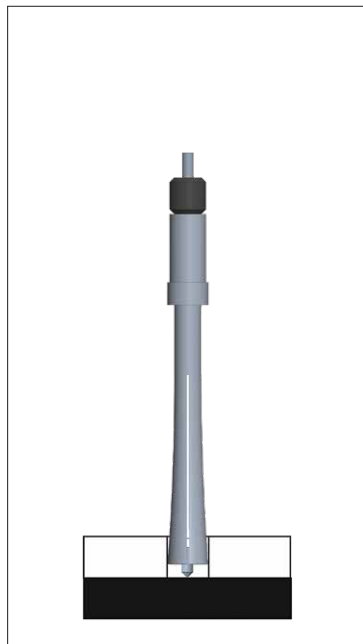
- For precise transfer of bore holes to other workpieces
- Working principle ensures precise, offset-free and absolutely centred punching on workpieces
- Uniform alignment of the slotted centring sleeve on the sample workpiece or in a drilling template via a knurled screw
- Specially hardened and tempered, continuous centre punch pins - can be reground repeatedly
- Replacement pins available for worn punch tips
- Made of special tool steel



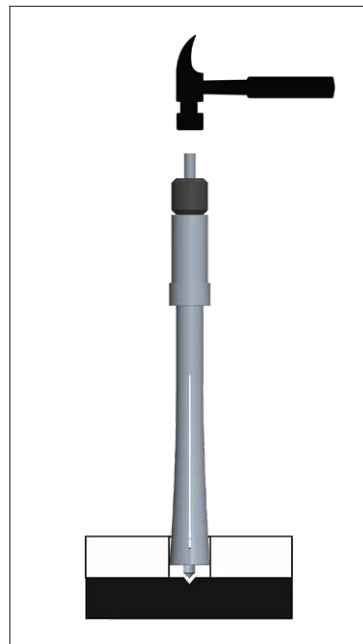
Art. No. 430 141



1. Insert centring punch of appropriate size into bore hole, turn the knurled screw



2. Expand the centre punch until the centring sleeve fits the bore hole



3: Hit the centering punch with a hammer - indentation for drill guide is set exactly centered

Info

Transferring bore holes to other workpieces with precision is a complicated step. Centring punches with a simple working principle provide the best way of carrying out this task professionally.

Art. No.	EAN 4049002	for bore hole Ø mm (min)	for bore hole Ø mm (max)	↔ mm	⚖ g	📦
Adjustable Centering Punch						
430 140	023859	6	8	96	26	1
430 141	023866	8	11	105	43	1
430 142	023873	11	16	115	79	1
Spare tips						
430 140 00	029066	6	8	96	5	1
430 141 00	029073	8	11	105	7	1
430 142 00	029080	11	16	115	8	1

Striking tools

Set of adjustable centering punches

- For precise transfer of bore holes to other workpieces
- Working principle ensures precise, offset-free and absolutely centred punching on workpieces
- Uniform alignment of the slotted centring sleeve on the sample workpiece or in a drilling template via a knurled screw
- Specially hardened and tempered, continuous centre punch pins - can be reground repeatedly
- Replacement pins available for worn punch tips
- Made of special tool steel
- Complete set of centring punches in 3 sizes
- For bore hole diameters from 6 - 16 mm
- Packed in practical moulded foam



Art. No. 430 143

Art. No.	EAN 4049002	Finish	Color	↔ mm	⚖ g	📦
430 143	023880	Adjustable Centering Punches, 3 piece set, in clear plastic case			151	1

Centre Punch with hard metal tip

- For materials with a maximum hardness of 68 HRC
- For precise marking of a drill point and for guiding the drill tip to prevent it from drifting
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Special safety impact head prevents material splintering and deformation
- Polished working tip with soldered, precisely ground carbide tip
- Golden dip-coated



Art. No. 434 131 0

Art. No.	EAN 4049002	Tip Ø mm	⬡ mm	Color	↔ mm	⚖ g	📦
430 121 0	024245	3	10	gold	120	66	10
434 131 0	024252	4	14	gold	130	139	10

Centre Punch

- For precise marking of a drill point and for guiding the drill tip to prevent it from drifting
- For materials with a maximum hardness of 52 HRC
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Special safety impact head prevents material splintering and deformation
- Tip ground and polished
- Meets or exceeds requirements from current (e.g. DIN) standards
- All metal parts are GS-approved
- Golden dip-coated
- Versions with 2-component handguard are marked accordingly in the overview



Art. No. 431 120 0



Art. No. 430 122 0



Art. No.	EAN 4049002	Handguard	Tip Ø mm	 mm	Color	↔ mm	 g	
Centre Punch								
430 100 0	002366		3	8	gold	100	35	10
430 120 0	002373		4	10	gold	120	65	10
430 122 0	027550	●	4	10	gold	120	81	5
431 120 0	002397		5	10	gold	120	66	10
431 152 0	027567	●	5	10	gold	150	99	5
432 120 0	002403		5	12	gold	120	94	10
433 150 0	002410		5	12	gold	150	118	10
434 150 0	013072		6	14	gold	150	161	10
435 150 0	013089		6	16	gold	150	206	10
Centre Punches with Euro Holder								
430 100 0 SB	012365		3	8	gold	100	45	10
430 120 0 SB	012372		4	10	gold	120	75	10
431 120 0 SB	012396		5	10	gold	120	77	10
432 120 0 SB	012402		5	12	gold	120	104	10
433 150 0 SB	012419		5	12	gold	150	128	10
434 150 0 SB	024061		6	14	gold	150	172	10
435 150 0 SB	023316		6	16	gold	150	216	10

Striking tools

Safe disassembly
with top precision



Art. No. 425 530 6 RC



All edges of the pin punch are rounded



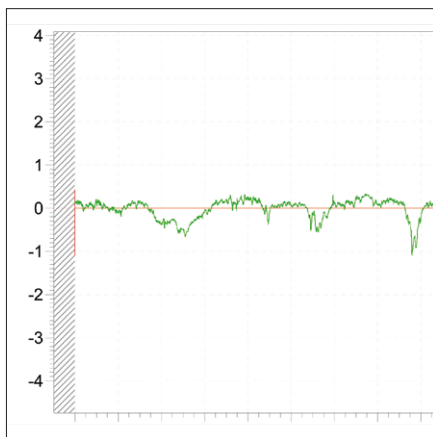
High-polished finish



Quality under the surface: tempered safety striking head

High-quality surface of RENNSTEIG pin punches

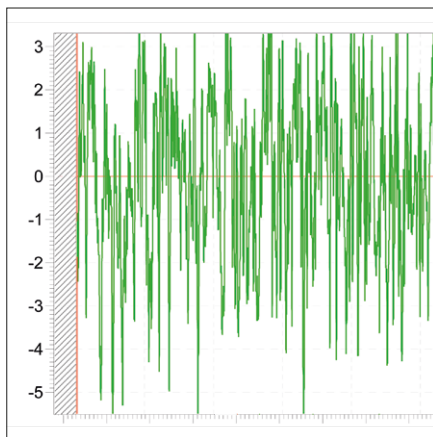
- Ground and polished surface finish
- Much less surface roughness than competitors (see roughness profiles)
- Advantages of this surface treatment:
 - Parallel pin punch is less prone to corrosion
 - Less likely to pinch during use
 - Higher bending resilience (longer service life and higher elasticity)
 - Any surface nicks from forging are ground out, thus practically eliminating fracture points
 - Rounded edges
 - Splitting and burring at the tip are almost entirely eliminated
 - Reduced risk of injury to the user
 - No damage to the workpiece



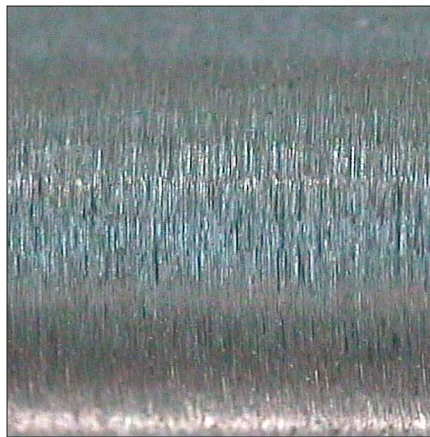
RENNSTEIG parallel pin punch Ra: 0.15 μm , Rz: 0.92 μm



RENNSTEIG quality up close



Comparable competitor pin punch Ra : 1,53 μm , Rz : 11,13 μm



Comparable competitor up close

Info

Ra Mean roughness value, the arithmetic mean of all roughness profile values

Rz Individual roughness depth, the arithmetic mean of individual roughness depth of consecutive measurement samples. The individual roughness depths are the sum of the height of the highest profile peak and deepest profile valley within a measurement sample.

Striking tools

“Exclusive” parallel pin punch

- For driving out or removing bolts, rivets, cotter pins or other fasteners from through-holes
- Alternatively for accurately countersinking the above-mentioned fasteners into the workpiece surface
- Premium tool steel, hardened and tempered throughout, hardness ≥ 58 HRC
- Special safety impact head prevents material splintering and deformation
- Highly polished using an optimised process - no chrome is needed
- Hardened throughout for optimum transmission of force
- Powder-coated in red or multi-coloured for visual size identification
- Rounded edges prevent damage to the workpiece
- Meets or exceeds requirements from current (e.g. DIN) standards
- All metal parts are GS-approved



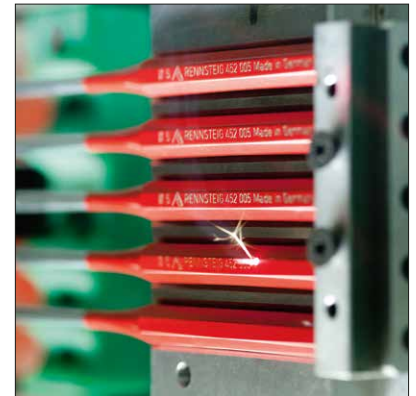
YouTube



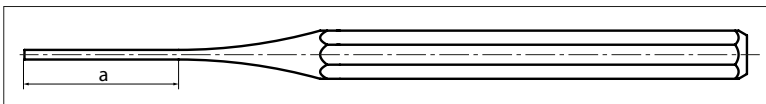
Art. No. 452 005 6



Art. No. 452 105 6



Laser marking pin punches



Art. No.	EAN 4049002	Handguard	Tip Ø mm	Working length a mm	mm	Color	mm	g	
„Exclusive“ pin punches									
452 002 6	086793		2	32	10	red	150	62	10
452 003 6	086809		3	42	10	red	150	59	10
452 004 6	086816		4	45	10	red	150	62	10
452 005 6	086823		5	46	10	red	150	65	10
452 006 6	086830		6	48	10	red	150	69	10
452 008 6	086847		8	48	12	red	150	106	10
452 010 6	086854		10	53	12	red	150	119	10
„Exclusive“ pin punches with handguard									
452 102 6	091469	●	2	32	10	red	150	83	5
452 103 6	091476	●	3	42	10	red	150	83	5
452 104 6	091483	●	4	45	10	red	150	83	5
452 105 6	091490	●	5	46	10	red	150	83	5
452 106 6	091506	●	6	48	10	red	150	86	5
Exclusive pin punches, multicoloured									
452 003 6 RC	049224		3	42	10	yellow	150	59	10
452 004 6 RC	049262		4	45	10	orange	150	62	10
452 005 6 RC	049309		5	46	10	red	150	65	10
452 006 6 RC	049491		6	48	10	green	150	69	10
452 008 6 RC	049507		8	48	12	light blue	150	106	10
452 010 6 RC	049606		10	53	12	dark blue	150	119	10

Parallel Pin Punches

- For driving out or removing bolts, rivets, cotter pins or other fasteners from through-holes
- Alternatively for accurately countersinking the above-mentioned fasteners into the workpiece surface
- High alloy tool steel, hardened and tempered throughout
- Special safety impact head prevents material splintering and deformation
- Polished using an optimised process - no chrome is needed
- Hardened throughout for optimum transmission of force
- Golden dip-coated
- Rounded edges prevent damage to the workpiece
- Meets or exceeds requirements from current (e.g. DIN) standards
- All metal parts are GS-approved



Art. No. 450 005 0

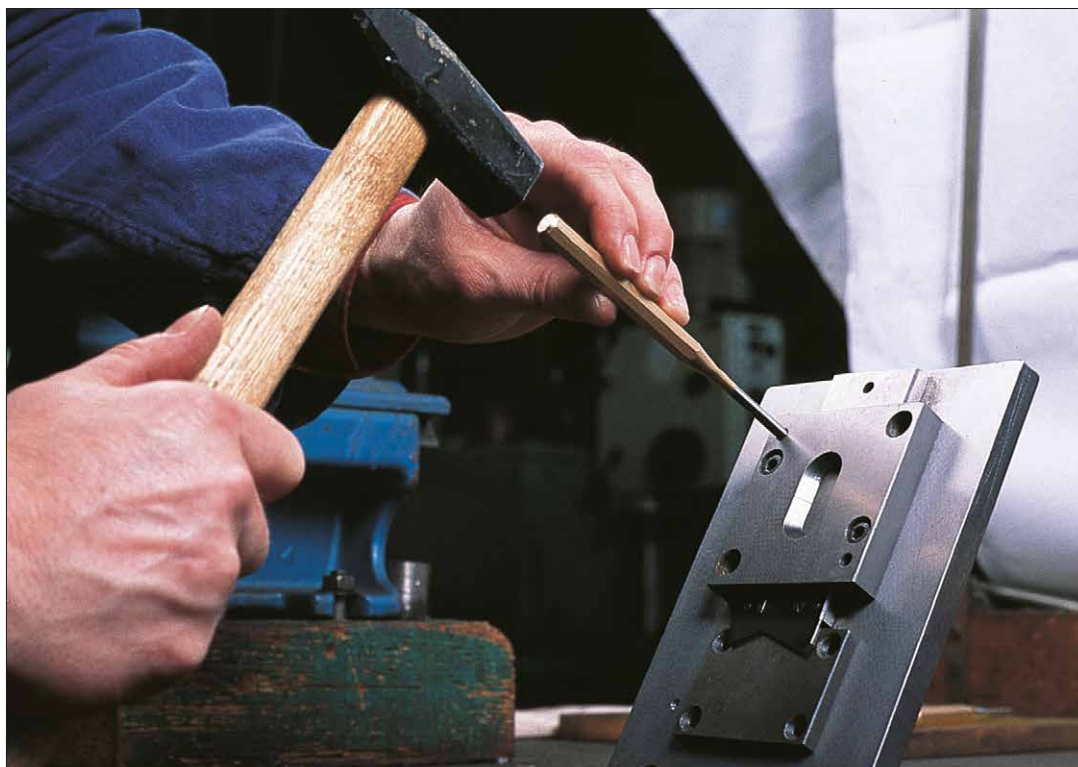


Art. No. 450 105 0



Art. No.	EAN 4049002	Handguard	Tip Ø mm	Working length a mm	mm	Color	mm	g	
Parallel Pin Punches									
450 002 0	002786		2	32	10	gold	150	62	10
450 025 0	002793		2.5	33	10	gold	150	63	10
450 003 0	002809		3	42	10	gold	150	59	10
450 035 0	002816		3.5	43	10	gold	150	59	10
450 004 0	002823		4	45	10	gold	150	62	10
450 045 0	002830		4.5	45	10	gold	150	62	10
450 005 0	002847		5	46	10	gold	150	65	10
450 006 0	002854		6	48	10	gold	150	69	10
450 007 0	002861		7	46	12	gold	150	99	10
450 008 0	002878		8	48	12	gold	150	106	10
450 009 0	014796		9	51	12	gold	150	110	10
450 010 0	002885		10	53	12	gold	150	119	10
451 010 0	021046		10	50	14	gold	150	147	10
451 012 0	021053		12	57	14	gold	150	164	10
451 014 0	021060		14	57	16	gold	150	217	10
451 104 0	008283		4	70	10	gold	175	65	10
451 105 0	008290		5	73	10	gold	175	69	10
451 106 0	008306		6	75	10	gold	175	74	10
451 108 0	017377		8	75	12	gold	175	115	10
451 110 0	017384		10	82	12	gold	175	133	10
Pin punches with handguard									
450 102 0	027635	•	2	32	10	gold	150	79	5
450 103 0	027642	•	3	42	10	gold	150	76	5
450 104 0	027659	•	4	45	10	gold	150	79	5
450 105 0	027666	•	5	46	10	gold	150	83	5
450 106 0	027673	•	6	48	10	gold	150	86	5
450 108 09	027680	•	8	53	10	gold	150	97	5

Parallel Pin Punches



Art. No.	EAN 4049002	Handguard	Tip Ø mm	Working length a mm	 mm	Color	 mm	 g	
Pin punches with Euro Holder									
450 002 0 SB	012785		2	32	10	gold	150	73	5
450 025 0 SB	012792		2.5	33	10	gold	150	73	10
450 003 0 SB	012808		3	42	10	gold	150	69	5
450 035 0 SB	012815		3.5	43	10	gold	150	59	10
450 004 0 SB	012822		4	45	10	gold	150	72	5
450 045 0 SB	012839		4.5	45	10	gold	150	72	10
450 005 0 SB	012846		5	46	10	gold	150	75	5
450 006 0 SB	012853		6	48	10	gold	150	79	5
450 007 0 SB	012860		7	46	12	gold	150	110	5
450 008 0 SB	012877		8	48	12	gold	150	106	5
450 009 0 SB	021800		9	51	12	gold	150	121	10
450 010 0 SB	012884		10	53	12	gold	150	129	5
451 104 0 SB	018510		4	70	10	gold	175	65	10
451 105 0 SB	018527		5	73	10	gold	175	69	10
451 106 0 SB	019104		6	75	10	gold	175	74	10
451 108 0 SB	025259		8	75	12	gold	175	117	10
451 110 0 SB	025266		10	82	12	gold	175	125	10

Sets of Parallel Pin Punches

- Sets without handguard, 6-piece, each with Ø 3 mm/4 mm/5 mm/6 mm/8 mm/10 mm
- Available in plastic stand or metal case
- Sets of punches with handguard includes 5 pieces: dia. 2 mm/3 mm/4 mm/5 mm/6 mm, only in plastic case
- "Exclusive" pin punches powder coated in different colours, as standard pin punches gold dip coated
- Meets or exceeds requirements from current (e.g. DIN) standards

Art. No.	EAN 4049002	Illustration	Finish	Color	↔ mm	⚖ g	📦
425 502 6	091537		"Exclusive" pin punch set with handguard , in plastic case, 5-piece	red		570	1
425 152 0	028960		Pin punch set with handguard , in plastic case, 5-piece	gold		568	1
425 530 6 RC	086762		"Exclusive" pin punch set, in metal case, 6-piece	multicoloured		740	1
425 530 6	086755		"Exclusive" pin punch set, in metal case, 6-piece	red		740	1
425 160 0	002243		Pin punch set, in metal case, 6-piece	gold		740	1
425 560 6 RC	086786		"Exclusive" pin punch set, in plastic stand, 6-piece	multicoloured		520	1
425 560 6	086779		"Exclusive" pin punch set, in plastic stand, 6-piece	red		520	1
425 170 0	002250		Pin punch set, in plastic stand, 6-piece	gold		520	1

Striking tools

Parallel Pin Punches with guide sleeve

- Made of high-alloy tool steel
- Guide sleeve zinc-chromated and knurled
- Hardened punch pin
- Parallel pin punches Ø 0.9 to 3.9 mm with loose guide sleeve
- Parallel pin punch Ø 5.9 mm with fixed sleeve



Art. No. 457 039 5



Art. No. 457 059 5



Sliding sleeve

Art. No.	EAN 4049002	Tip Ø mm	mm		g	
457 009 5	022692	0.9	6	80	11	10
457 014 5	022708	1.4	6	84	11	10
457 018 5	022715	1.8	6	88	11	10
457 024 5	022722	2.4	8	92	23	10
457 028 5	022739	2.8	8	96	24	10
457 034 5	022746	3.4	8	98	25	10
457 039 5	022753	3.9	8	100	26	10
457 059 5	022777	5.9	8	102	61	10



Art. No. 457 100 5



Art. No. 457 102 5

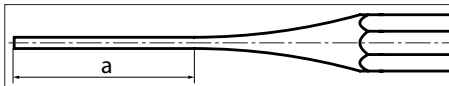
Art. No.	EAN 4049002	Finish	Color	mm	g	
457 100 5	022784	Set of Parallel Pin Punches with guide sleeve, in metal case, 8-piece			375	1
457 102 5	024573	Set of Parallel Pin Punches with guide sleeve, in plastic stand, 8-piece			201	1

Parallel Pin Punches XXL

- For driving out or removing bolts, rivets, cotter pins or other fasteners from through-holes
- Alternatively for accurately countersinking the above-mentioned fasteners into the workpiece surface
- High-alloy tool steel, hardened throughout for optimum transmission of force
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- With ergonomic 2-component handguard
- Meets or exceeds requirements from current (e.g. DIN) standards
- All metal parts are GS-approved



Art. No. 451 312 0



Art. No.	EAN 4049002	Handguard	Tip Ø mm	Working length a mm	mm	Color	mm	g	
451 308 0	031243	•	8	86	14	gold	225	257	5
451 310 0	031250	•	10	105	14	gold	240	296	5
451 312 0	031267	•	12	130	14	gold	260	342	5
451 314 0	031274	•	14	140	18	gold	275	491	5
451 316 0	031281	•	16	160	18	gold	290	572	5



Art. No. 425 154 0

Art. No.	EAN 4049002	Finish	Color	mm	g	
425 153 0	031052	Set of Parallel Pin Punches XXL, in cardboard box, 5-piece			2,055	1
425 154 0	091544	Set of Parallel Pin Punches XXL, in plastic case, 5-piece			2,520	1

Striking tools

Taper Punches

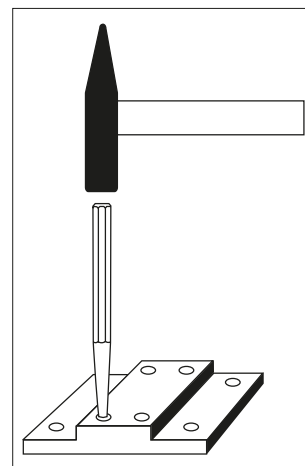
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Special safety impact head prevents material splintering and deformation
- Polished surface finish
- Rounded edges
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All metal parts are GS-approved



Art. No. 440 003 0



Art. No. 440 103 0



Art. No.	EAN 4049002	Handguard	Tip Ø mm	 mm	 mm	 g	
Type B per DIN 6458							
440 001 0	002427		1	10	120	62	10
440 002 0	002434		2	10	120	62	10
440 003 0	002441		3	10	120	64	10
440 004 0	002458		4	10	120	66	10
440 005 0	002465		5	10	120	68	10
440 006 0	002472		6	10	120	68	10
440 008 0	010798		8	10	120	72	10
Type B with handguard							
440 102 0	027574	●	2	10	120	79	5
440 103 0	027581	●	3	10	120	81	5
440 104 0	027598	●	4	10	120	82	5
440 105 0	027604	●	5	10	120	83	5
440 106 0	027611	●	6	10	120	86	5
440 108 0	027628	●	8	10	120	88	5
Type B with Euro Holder							
440 001 0 SB	012426		1	10	120	72	10
440 002 0 SB	012433		2	10	120	73	10
440 003 0 SB	012440		3	10	120	74	10
440 004 0 SB	012457		4	10	120	76	10
440 005 0 SB	012464		5	10	120	77	10
440 006 0 SB	012471		6	10	120	79	10

Taper Punches

Art. No.	EAN 4049002	Handguard	Tip Ø mm	 mm	 mm	 g	
Type D per DIN 6458							
441 001 0	002489		1	12	120	80	10
441 002 0	002496		2	12	120	90	10
441 003 0	002502		3	12	120	90	10
441 004 0	002519		4	12	120	92	10
441 005 0	002526		5	12	120	96	10
441 006 0	002533		6	12	120	98	10
441 007 0	002540		7	12	120	98	10
441 008 0	002557		8	12	120	102	10
441 009 0	002564		9	12	120	102	10
441 010 0	002571		10	12	120	108	10
443 009 0	002588		9	12	150	123	10
443 010 0	002595		10	12	150	132	10
Type D with Euro Holder							
441 001 0 SB	012488		1	12	120	80	10
441 002 0 SB	012495		2	12	120	90	10
441 003 0 SB	012501		3	12	120	101	10
441 004 0 SB	012518		4	12	120	103	10
441 005 0 SB	012525		5	12	120	106	10
441 006 0 SB	012532		6	12	120	98	10
441 007 0 SB	012549		7	12	120	108	10
441 008 0 SB	012556		8	12	120	102	10
441 009 0 SB	012563		9	12	120	102	10
441 010 0 SB	012570		10	12	120	108	10
443 009 0 SB	012587		9	12	150	125	10
443 010 0 SB	012594		10	12	150	142	10
Other versions							
444 103 0	021008		12	14	150	180	10
444 108 0	021015		10	16	150	219	10
444 109 0	026423		12	16	150	230	10
444 110 0	021022		14	16	150	235	10
444 112 0	021039		12	16	175	266	10

Striking tools

Sets of Taper Punches

- Taper punch sets equipped with Ø 1 mm/2 mm/3 mm/4 mm/5 mm and centre punch Ø 4 mm
- Available in plastic stand or metal case
- Taper punch set with handguard equipped with Ø 2 mm/3 mm/4 mm/5 mm/6 mm
- Meets or exceeds requirements from current (e.g. DIN) standards
- All metal parts are GS-approved

Art. No.	EAN 4049002	Illustration	Finish	Color	↔ mm	⚖ g	📦
424 120 0	002205		Taper Punch Set, in plastic stand	gold		459	1
424 130 0	002212		Taper Punch Set, in metal case	gold		657	1
424 142 0	029042		Taper Punch Set with handguard , in plastic case	gold		577	1

Impact Nail Set

- Knocks impact nails for conduit fixing clips or bands directly into concrete (without pre-drilling)
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Special safety impact head prevents material splintering and deformation
- Versions with and without fixation of the nails
- With tool 455 170 5, the nails are held in place by a special spring
- Tool 455 170-1 5 has a very large handguard
- Tool 445 136 5 has an integrated slot for removing chips or passing through fastening loops



Art. No. 455 170 5



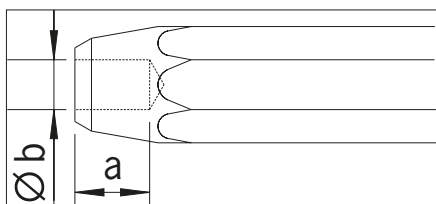
Art. No. 445 135 5



Art. No. 445 136 5



Art. No. 455 170-1 5



Art. No.	EAN 4049002	Handguard	Hole depth a mm	Hole dia. Ø b mm	mm	mm	g	
445 135 5	029004		9	6	14	135	165	10
445 136 5	029011		12	6	14	135	156	10
455 170 5	025303	•	13	4.3	18	170	400	5
455 170-1 5	045431	•	13	4.3	18	170	440	20
455 171 5	121036	•	13	6.3	18	170	400	5

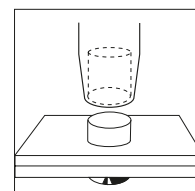
Striking tools

Rivet Setters

- Suitable for rivets according to DIN 660/661/662/674
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 445 004 0



Art. No.	EAN 4049002	Rivet Ø mm	Hole dia. (mm) mm	 mm	 mm	 g	
445 002 0	002601	2	2.5	10	100	60	10
445 003 0	002618	3	3.5	10	100	60	10
445 004 0	002625	4	4.5	12	100	86	10
445 005 0	002632	5	6	12	110	96	10
445 006 0	002649	6	7	14	110	129	10
445 007 0	002656	7	8	14	120	139	10
445 008 0	002663	8	9	16	120	188	10
445 009 0	002670	9	10	16	120	167	10
445 010 0	002687	10	11	18	120	240	5

Set of Rivet Setters

- 5-piece rivet setter set in plastic stand, for rivet dia. 2 mm/3 mm/4 mm/5 mm/6 mm



Art. No. 445 100 0

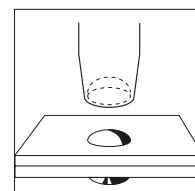
Art. No.	EAN 4049002	Finish	 g	
445 100 0	015601	Set of Rivet Setters, in plastic stand, 5-piece	485	1

Rivet Headers

- Suitable for rivets according to DIN 660
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 446 004 0



Art. No.	EAN 4049002	Rivet Ø mm	Head-Ø mm	 mm	 mm	 g	
446 002 0	002694	2	3.5	10	100	61	10
446 003 0	002700	3	5.2	10	100	61	10
446 004 0	002717	4	7	12	100	88	10
446 005 0	002724	5	8.8	14	110	134	10
446 006 0	002731	6	10.5	16	110	174	10
446 007 0	002748	7	13	20	120	288	3
446 008 0	002755	8	14	20	120	300	3
446 009 0	002762	9	14.5	20	120	298	3
446 010 0	002779	10	15	20	120	296	3

Set of rivet headers

- 5-piece rivet header set in plastic stand, for rivet dia. 2 mm/3 mm/4 mm/5 mm/6 mm



Art. No. 446 100 0

Art. No.	EAN 4049002	Finish	 g	
446 100 0	015618	Set of rivet headers, in plastic stand, 5-piece	579	1

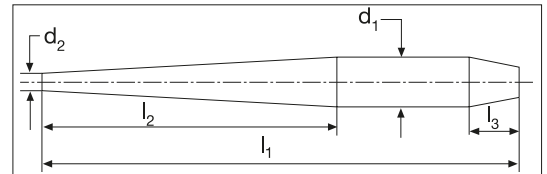
Striking tools

Taper Punches, Plugs

- For assembly and alignment work in steel and bridge construction
- Special tool steel, hardened, polished
- Cone ground
- Special safety impact head prevents material splintering and deformation



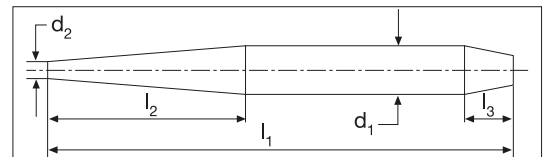
Art. No. 448 004 0



Art. No.	EAN 4049002	d ₂ mm	d ₁ mm	l ₂ mm	l ₁ mm	l ₃ mm	g	
Assembly taper punches								
448 001 0	008061	5	12	110	180	12	109	10
448 002 0	008078	6	13	120	200	13	148	10
448 003 0	008085	8	16	130	200	16	220	10
448 004 0	008092	9	20	130	200	20	330	10
448 005 0	008108	10	22	140	230	22	478	10
448 006 0	008115	11	24	155	250	24	568	10
448 007 0	017346	12	27	170	280	27	874	5
448 008 0	008139	14	30	190	315	30	1,230	5
448 009 0	008146	15	32	200	340	32	1,540	5
448 010 0	008153	16	35	220	380	35	2,050	5



Art. No. 448 038 0



Art. No.	EAN 4049002	d ₂ mm	d ₁ mm	l ₂ mm	l ₁ mm	l ₃ mm	g	
Assembly plugs								
448 031 0	008160	5	11	50	120	15	67	10
448 032 0	008177	5	13	50	120	15	93	10
448 033 0	008184	6	15	60	150	15	160	10
448 034 0	008191	7	17	60	170	20	239	10
448 035 0	008207	7	19	60	170	20	299	10
448 036 0	008214	8	21	70	190	20	406	10
448 037 0	008221	9	23	70	190	20	474	5
448 038 0	008238	10	25	80	200	25	597	5
448 039 0	008245	12	28	80	210	25	803	5
448 040 0	008252	12	30	90	230	30	991	5
448 041 0	008269	13	35	100	250	35	1,430	5
448 042 0	008276	14	35	110	270	40	1,556	5

Info

When working with taper punches and plugs, it is imperative to wear safety goggles.
NEVER strike the edge of the tool, only the head!

Handguard

- Suitable for all striking tools with octagonal cross-section from 10 - 18 mm
- Ergonomically shaped two-component grip



Art. No. 395 120



Art. No. 395 122

Art. No.	EAN 4049002	 mm	 mm	 mm	 g	
Two-component handguard						
395 120	028922	10		75	14	1
395 121	031335	14		95	63	1
395 122	031342	18		95	51	1





Chisels

Chisels

The right chisel
for any application



Conical edge prevents binding, polished blade, ground edge, polished or painted finish



Quality painted finish with laser marking



Quality under the surface: tempered safety striking head

Masonry Chisels, flat-oval

- Mainly used in the construction industry
- Profile material: flat-oval
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Gold dip-coated up to a length of 500 mm
- Longer lengths red powder-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 341 300 0



Art. No. 340 300 0



Art. No. 340 600 2

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Masonry Chisels, flat-oval								
340 200 0	001178		polished	26	20x12	200	302	10
340 200 1	001185		painted	26	20x12	200	302	10
340 250 0	001192		polished	26	20x12	250	380	10
340 250 1	001208		painted	26	20x12	250	380	10
340 300 0	001215		polished	29	23x13	300	580	5
341 300 0	001239	●	polished	29	23x13	300	708	10
340 300 1	001222		painted	29	23x13	300	580	5
341 300 1	001246	●	painted	29	23x13	300	708	10
340 350 0	001253		polished	29	23x13	350	700	5
341 350 0	001277	●	polished	29	23x13	350	807	10
340 350 1	001260		painted	29	23x13	350	700	5
341 350 1	001284	●	painted	29	23x13	350	807	10
340 400 0	001291		polished	29	23x13	400	800	5
340 400 1	001307		painted	29	23x13	400	800	5
340 500 0	001314		polished	32	26x13	500	1,160	5
340 500 1	001321		painted	32	26x13	500	1,160	5
340 600 2	007958		powder coated	32	26x13	600	1,380	5

Masonry Chisels, flat-oval



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Masonry Chisels, flat oval, with Euro Holder								
340 200 0 SB	011177		polished	26	20 x 12	200	320	10
340 200 1 SB	011184		painted	26	20 x 12	200	320	10
340 250 0 SB	011191		polished	26	20 x 12	250	400	10
340 250 1 SB	011207		painted	26	20 x 12	250	400	10
340 300 0 SB	011214		polished	29	23 x 13	300	598	5
340 300 1 SB	011221		painted	29	23 x 13	300	598	5
340 350 0 SB	011252		polished	29	23 x 13	350	700	5
340 350 1 SB	011269		painted	29	23 x 13	350	699	5
340 400 0 SB	011290		polished	29	23 x 13	400	818	5
340 400 1 SB	011306		painted	29	23 x 13	400	818	5
340 500 0 SB	011313		polished	32	26 x 13	500	1,165	5
340 500 1 SB	011320		painted	32	26 x 13	500	1,165	5

Masonry Chisels, octagonal

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Profile material: Octagonal shank
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Gold dip-coated up to a length of 500 mm
- Longer lengths red powder-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 351 300 0



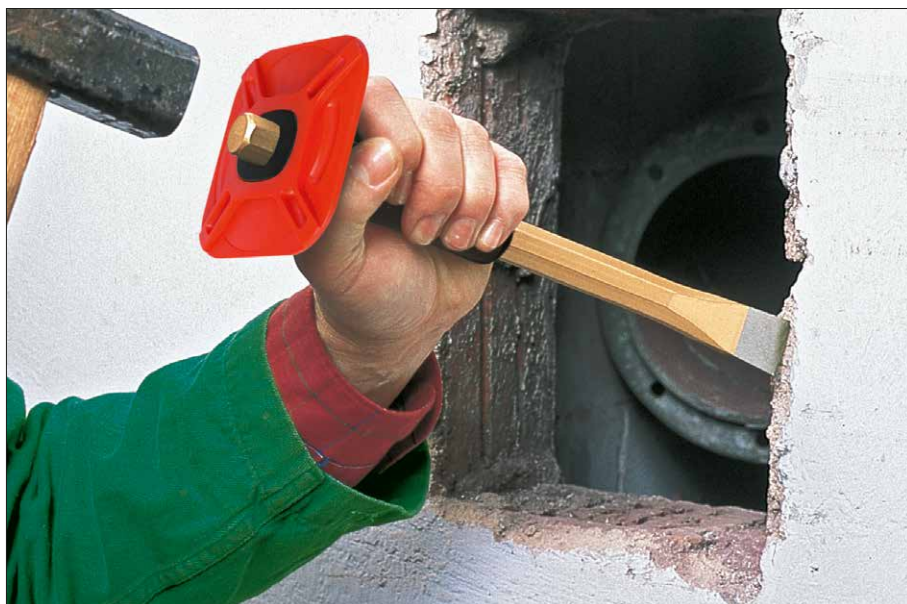
Art. No. 350 300 0



Art. No. 350 600 2

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Masonry Chisels, octagonal								
350 200 0	001338		polished	23	16	200	302	10
350 200 1	001352		painted	23	16	200	302	10
350 250 0	001369		polished	23	16	250	392	10
351 250 0	001383	●	polished	23	16	250	531	10
350 250 1	001376		painted	23	16	250	392	10
351 250 1	001390	●	painted	23	16	250	531	10
350 300 09	024719		polished	23	16	300	466	5
350 300 19	024092		painted	23	16	300	460	5
350 300 0	001406		polished	26	18	300	596	5
351 300 0	001420	●	polished	26	18	300	720	10
350 300 1	001413		painted	26	18	300	596	5
351 300 1	001437	●	painted	26	18	300	720	10
350 350 0	001444		polished	26	18	350	696	5
351 350 0	001468	●	polished	26	18	350	827	10
350 350 1	001451		painted	26	18	350	696	5
351 350 1	001475	●	painted	26	18	350	827	10

Masonry Chisels, octagonal



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Masonry Chisels, octagonal								
350 400 0	001482		polished	30	20	400	1,000	5
350 400 09	024726		polished	26	18	400	789	5
350 400 1	001499		painted	30	20	400	1,000	5
350 400 19	022425		painted	26	18	400	814	5
350 500 0	001505		polished	30	20	500	1,260	5
350 500 1	001512		painted	30	20	500	1,260	5
350 600 2	007965		powder coated	30	20	600	1,450	5
350 800 2	007972		powder coated	30	20	800	2,170	2
352 1000 2	007989		powder coated	34	22	1,000	3,200	2
Masonry Chisels, octagonal, with Euro Holder								
350 200 0 SB	011337		polished	23	16	200	316	10
350 200 1 SB	011351		painted	23	16	200	316	10
350 250 0 SB	011368		polished	23	16	250	399	10
350 250 1 SB	011375		painted	23	16	250	399	10
350 300 0 SB	011405		polished	26	18	300	599	5
350 300 09 SB	016363		polished	23	16	300	466	5
350 300 1 SB	011412		painted	26	18	300	599	5
350 350 1 SB	011450		painted	26	18	350	696	5
350 400 0 SB	011481		polished	30	20	400	1,000	5
350 400 1 SB	011498		painted	30	20	400	1,000	5
350 500 1 SB	011511		painted	30	20	500	1,250	5

Jointing Chisel

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 386 050 0



Art. No. 385 060 0



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	 mm
Jointing Chisel								
385 050 0	001925		polished	50	23x13	250	472	5
385 050 1	001932		painted	50	23x13	250	472	5
386 050 1	028489	•	painted	50	23x13	250	612	10
385 060 0	001949		polished	60	26x13	250	545	5
385 060 1	001956		painted	60	26x13	250	545	5
386 060 1	016370	•	painted	60	26x13	250	667	10
385 070 0	001963		polished	70	26x13	250	577	5
385 070 1	001970		painted	70	26x13	250	577	5
386 070 1	015595	•	painted	70	26x13	250	697	10
385 080 1	022340		painted	80	26x13	250	607	5
386 080 1	026737	•	painted	80	26x13	250	734	10
Jointing Chisel with Euro Holder								
385 050 0 SB	011924		polished	50	23x13	250	479	5
385 050 1 SB	011931		painted	50	23x13	250	479	5
385 060 1 SB	011955		painted	60	26x13	250	560	5
385 070 0 SB	011962		polished	70	26x13	250	588	5
385 070 1 SB	011979		painted	70	26x13	250	588	5
385 080 1 SB	025112		painted	80	26x13	250	623	5

Chisels

Pointed Chisels

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Gold dip-coated up to a length of 500 mm
- Longer lengths red powder-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 331 300 0



Art. No. 330 300 0



Art. No. 330 600 2

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Pointed Chisels								
330 200 0	001000		polished		16	200	280	10
330 200 1	001017		painted		16	200	280	10
330 250 0	001345		polished		16	250	362	10
331 250 0	001031	●	polished		16	250	500	10
330 250 1	001024		painted		16	250	362	10
331 250 1	001048	●	painted		16	250	520	10
330 300 09	006883		polished		16	300	445	5
330 300 19	024108		painted		16	300	440	5
330 300 0	001055		polished		18	300	560	5
331 300 0	001079	●	polished		18	300	698	10
330 300 1	001062		painted		18	300	560	5
331 300 1	001086	●	painted		18	300	698	10
330 350 0	001093		polished		18	350	660	5
331 350 0	001116	●	polished		18	350	792	10
330 350 1	001109		painted		18	350	660	5
331 350 1	001123	●	painted		18	350	792	10
330 400 09	006906		polished		18	400	960	5
330 400 19	024528		painted		18	400	780	5
330 400 0	001130		polished		20	400	960	5
330 400 1	001147		painted		20	400	960	5
330 500 0	001154		polished		20	500	1,220	5
330 500 1	001161		painted		20	500	1,220	5
330 600 2	007927		powder coated		20	600	1,335	5
330 800 2	007934		powder coated		20	800	2,000	2
332 1000 2	007941		powder coated		22	1,000	2,470	2

Pointed Chisels



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Pointed Chisels with Euro Holder								
330 200 0 SB	011009		polished		16	200	302	10
330 200 1 SB	011016		painted		16	200	302	10
330 250 0 SB	011344		polished		16	250	384	10
330 250 1 SB	011023		painted		16	250	384	10
330 300 0 SB	011054		polished		18	300	565	5
330 300 09 SB	016356		polished		16	300	560	5
330 300 1 SB	011061		painted		18	300	565	5
330 350 0 SB	011092		polished		18	350	775	5
330 350 1 SB	011108		painted		18	350	775	5
330 400 0 SB	011139		polished		20	400	966	5
330 400 1 SB	011146		painted		20	400	966	5

Chisels

Electrician's Chisel

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Extra-slim design for working with precision
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All metal parts are GS-approved



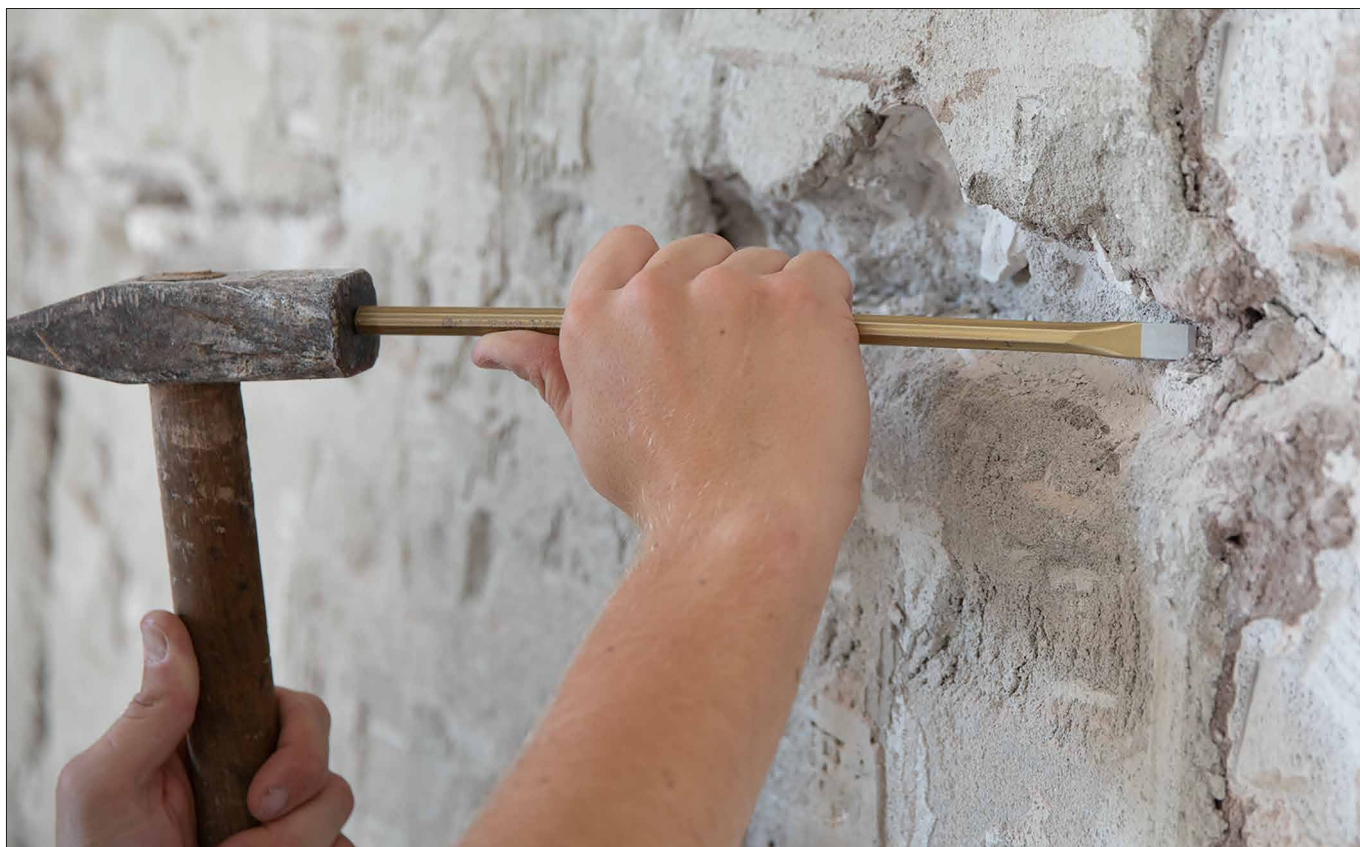
Art. No. 361 253 0



Art. No. 361 252 0

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Electrician's Chisels								
360 202 0	001529		polished	10	8	200	79	10
360 202 1	001536		painted	10	8	200	79	10
360 252 0	001543		polished	10	8	250	99	10
360 252 1	001550		painted	10	8	250	99	10
360 302 0	001567		polished	10	8	300	121	10
360 302 1	001574		painted	10	8	300	121	10
361 202 0	001581		polished	12	10	200	122	10
361 203 0	008504	•	polished	12	10	200	135	10
361 202 1	001598		painted	12	10	200	122	10
361 203 1	008511	•	painted	12	10	200	135	10
361 252 0	001604		polished	12	10	250	154	10
361 253 0	008528	•	polished	12	10	250	210	10
361 252 1	001611		painted	12	10	250	154	10
361 253 1	008535	•	painted	12	10	250	210	10
361 302 0	001628		polished	12	10	300	186	10
361 303 0	008603	•	polished	12	10	300	214	5
361 302 1	001635		painted	12	10	300	186	10
361 303 1	008610	•	painted	12	10	300	214	5
362 202 0	001642		polished	14	12	200	175	10
362 202 1	001659		painted	14	12	200	175	10
362 252 0	001666		polished	14	12	250	222	10
362 252 1	001673		painted	14	12	250	222	10
362 302 0	001680		polished	14	12	300	269	10
362 302 1	001697		painted	14	12	300	269	10

Electrician's Chisels



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Electrician's Chisels with Euro Holder								
360 202 0 SB	011528		polished	10	8	200	93	10
360 202 1 SB	011535		painted	10	8	200	93	10
360 252 0 SB	011542		polished	10	8	250	109	10
360 252 1 SB	011559		painted	10	8	250	109	10
360 302 0 SB	011566		polished	10	8	300	250	10
360 302 1 SB	011573		painted	10	8	300	250	10
361 202 1 SB	011597		painted	12	10	200	132	10
361 252 0 SB	011603		polished	12	10	250	164	10
361 252 1 SB	011610		painted	12	10	250	164	10
361 302 0 SB	011627		polished	12	10	300	196	10
361 302 1 SB	011634		painted	12	10	300	196	10
362 202 1 SB	011658		painted	14	12	200	185	10
362 252 0 SB	011665		polished	14	12	250	233	10
362 252 1 SB	011672		painted	14	12	250	233	10
362 302 0 SB	011689		polished	14	12	300	277	10
362 302 1 SB	011696		painted	14	12	300	277	10

Chisels

Electrician's Pointed Chisels

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Extra-slim design for working with pin-point precision
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All metal parts are GS-approved



Art. No. 361 256 0



Art. No. 361 255 0

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Electrician's Pointed Chisels								
361 255 0	008542		polished		10	250	146	10
361 256 0	008580	•	polished		10	250	210	10
361 255 1	008566		painted		10	250	146	10
361 256 1	008597	•	painted		10	250	210	10
361 305 0	008627		polished		10	300	230	10
361 306 0	008665	•	polished		10	300	193	5
361 305 1	008641		painted		10	300	230	10
361 306 1	008672	•	painted		10	300	193	5
Electrician's Pointed Chisels with Euro Holder								
361 255 0 SB	008559		polished		10	250	146	10
361 255 1 SB	008573		painted		10	250	146	10
361 305 0 SB	008634		polished		10	300	196	10
361 305 1 SB	008658		painted		10	300	196	10

Electrician's Slotting Chisels

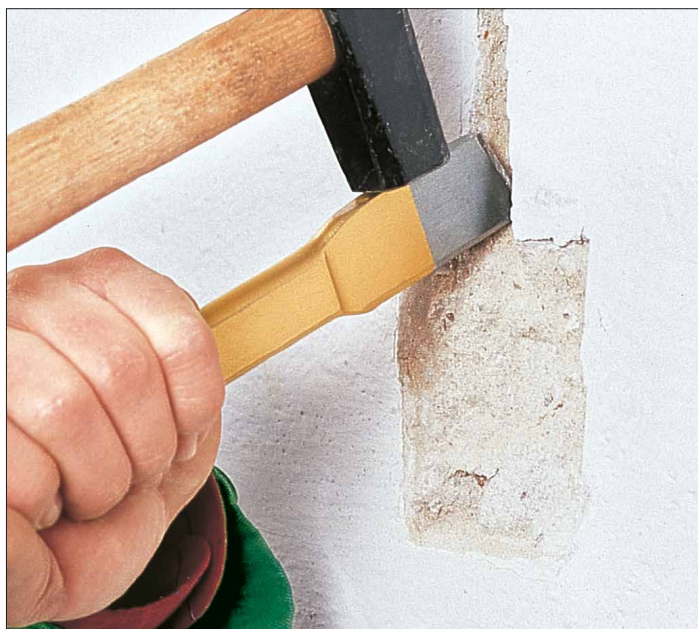
- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- With two cutting edges for longitudinal slitting in masonry without interruption
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 367 250 0



Art. No. 366 250 0



Art. No.	EAN 4049002	Hand- guard	Finish	 mm	 mm	 mm	 g		 DIN 7255
366 250 0	001703		polished	33	23x13	250	448	10	
367 250 0	001727	•	polished	33	23x13	250	560	10	
366 250 1	001710		painted	33	23x13	250	448	10	
367 250 1	001734	•	painted	33	23x13	250	560	10	

Chisels

Floor chisels

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Short, powerful tool
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 370 100 0



Art. No. 371 100 0

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	 mm
Floor chisels, flat								
370 100 0	001741		polished	10	8	100	38	10
370 100 1	001758		painted	10	8	100	38	10
370 125 0	001765		polished	12	10	125	74	10
370 125 1	001772		painted	12	10	125	74	10
Floor chisels, flat, with Euro Holder								
370 100 0 SB	011740		polished	10	8	100	49	10
370 100 1 SB	011757		painted	10	8	100	49	10
370 125 0 SB	011764		polished	12	10	125	74	10
370 125 1 SB	011771		painted	12	10	125	74	10
Floor chisels, pointed								
371 100 0	001789		polished		8	100	35	10
371 100 1	001796		painted		8	100	35	10
371 125 0	001802		polished		10	125	66	10
371 125 1	001819		painted		10	125	66	10
Floor chisels, pointed, with Euro Holder								
371 100 0 SB	011788		polished		8	100	35	10
371 100 1 SB	011795		painted		8	100	35	10
371 125 0 SB	011801		polished		10	125	79	10
371 125 1 SB	011818		painted		10	125	79	10

Slotting Chisel, octagonal

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 383 300 0



Art. No. 382 300 0



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Slotting Chisel, octagonal								
382 240 0	001864		polished	30	18	240	405	10
382 240 1	001871		painted	30	18	240	405	10
382 300 0	001888		polished	30	18	300	532	5
383 300 0	001901	•	polished	30	18	300	667	10
382 300 1	001895		painted	30	18	300	532	5
383 300 1	001918	•	painted	30	18	300	667	10

Chisels

Slitting Chisel, straight

- For stone and metal cutting
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Extra-flat design
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 381 240 0



Art. No. 380 240 0



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Slitting Chisel, straight								
380 240 0	008122		polished	28	26 x 7	240	298	10
381 240 0	001840	•	polished	28	26 x 7	240	428	10
380 240 1	001833		painted	28	26 x 7	240	298	10
381 240 1	001857	•	painted	28	26 x 7	240	428	10
Slitting chisels, straight, with Euro Holder								
380 240 0 SB	011825		polished	28	26 x 7	265	309	10
380 240 1 SB	011832		painted	28	26 x 7	260	309	5

Slitting Chisel, offset

- For stone and metal cutting
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- Slitting chisel with offset tip
- Sharpened on both sides for flush working
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 381 241 0



Art. No. 380 241 0



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Slitting Chisel, offset								
380 241 0	011047		polished	27	26 x 7	240	295	5
381 241 0	086731	•	polished	27	26 x 7	240	390	10
380 241 1	015632		painted	27	26 x 7	240	295	5
381 241 1	086748	•	painted	27	26 x 7	240	390	10
Slitting Chisel, offset, with Euro Holder								
380 241 0 SB	013430		polished	27	26 x 7	240	295	10
380 241 1 SB	014949		painted	27	26 x 7	240	295	10

Chisels

Flat Cold Chisels, flat-oval

- Predominantly used in metalworking
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Gold dip-coated up to a length of 500 mm
- Longer lengths red powder-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



YouTube



Art. No. 311 300 0



Art. No. 310 300 0



Art. No. 310 600 2

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Flat Cold Chisels, flat-oval								
310 100 0	000584		polished	15	14x9	100	76	10
310 100 1	000591		painted	15	14x9	100	76	10
310 125 0	000607		polished	18	17x11	125	140	10
310 125 1	000614		painted	18	17x11	125	140	10
310 150 0	000621		polished	18	17x11	150	176	10
310 150 1	000638		painted	18	17x11	150	180	10
310 175 0	000645		polished	21	20x12	175	260	10
310 175 1	000652		painted	21	20x12	175	260	10
310 200 0	000669		polished	24	23x13	200	380	10
310 200 1	000676		painted	24	23x13	200	380	10
310 250 0	000683		polished	25	23x13	250	480	10
311 250 0	000706	•	polished	25	23x13	250	621	10
310 250 1	000690		painted	25	23x13	250	480	10
311 250 1	000713	•	painted	25	23x13	250	621	10
310 300 0	000720		polished	26	23x13	300	580	5
311 300 0	000744	•	polished	26	23x13	300	710	10
310 300 1	000737		painted	26	23x13	300	580	5
311 300 1	000751	•	painted	26	23x13	300	710	10
310 350 0	000768		polished	27	23x13	350	704	5
311 350 0	000782	•	polished	27	23x13	350	809	10
310 350 1	000775		painted	27	23x13	350	704	5
311 350 1	000799	•	painted	27	23x13	350	809	10
310 400 0	000805		polished	27	23x13	400	800	5
310 400 1	000812		painted	27	23x13	400	800	5
310 500 0	000829		polished	30	26x13	500	1,160	5
310 500 1	000836		painted	30	26x13	500	1,160	5
310 600 2	007903		powder coated	30	26x13	600	1,380	5

Flat Cold Chisels, flat-oval

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Flat Cold Chisels, flat-oval, with Euro Holder								
310 100 0 SB	010583		polished	15	14x9	100	86	10
310 100 1 SB	010590		painted	15	14x9	100	86	10
310 125 0 SB	010606		polished	18	17x11	125	154	10
310 125 1 SB	010613		painted	18	17x11	125	154	10
310 150 0 SB	010620		polished	18	17x11	150	184	10
310 150 1 SB	010637		painted	18	17x11	150	184	10
310 175 0 SB	010644		polished	21	20x12	175	274	10
310 175 1 SB	010651		painted	21	20x12	175	274	10
310 200 0 SB	010668		polished	24	23x13	200	392	10
310 200 1 SB	010675		painted	24	23x13	200	392	10
310 250 0 SB	010682		polished	25	23x13	250	497	10
310 250 1 SB	010699		painted	25	23x13	250	497	10
310 300 0 SB	010729		polished	26	23x13	300	599	5
310 300 1 SB	010736		painted	26	23x13	300	599	5
310 350 0 SB	010767		polished	27	23x13	350	680	5
310 350 1 SB	010774		painted	27	23x13	350	680	5
310 400 0 SB	010804		polished	27	23x13	400	805	5
310 400 1 SB	010811		painted	27	23x13	400	805	5
310 500 0 SB	010828		polished	30	26x13	500	1,150	5
310 500 1 SB	010835		painted	30	26x13	500	1,150	5

Flat Cold Chisels, octagonal



Art. No. 312 150 0

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Flat Cold Chisels, octagonal								
312 125 0	026324		polished	11	10	125	73	10
312 125 1	023217		painted	11	10	125	73	10
312 150 0	026355		polished	11	10	150	92	10
312 150 1	023194		painted	11	10	150	92	10
Flat Cold Chisels, octagonal, with Euro Holder								
312 125 0 SB	026331		polished	11	10	125	73	10
312 125 1 SB	026348		painted	11	10	125	73	10
312 150 0 SB	026362		polished	11	10	150	92	10
312 150 1 SB	026379		painted	11	10	150	92	10

Chisels

Crosscut Chisel, flat-oval

- Predominantly used in metalworking
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 321 300 0



Art. No. 320 300 0



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Crosscut Chisel								
320 100 0	024641		polished	5	14x9	100	65	10
320 100 1	024658		painted	5	14x9	100	65	10
320 125 0	000843		polished	5	17x11	125	112	10
320 125 1	000850		painted	5	17x11	125	112	10
320 150 0	000867		polished	6	17x11	150	146	10
320 150 1	000874		painted	6	17x11	150	146	10
320 175 0	000881		polished	7	17x11	175	200	10
320 175 1	000898		painted	7	17x11	175	200	10
320 200 0	000904		polished	8	20x12	200	260	10
320 200 1	000911		painted	8	20x12	200	260	10
320 250 0	000928		polished	9	23x13	250	440	10
321 250 0	000942	•	polished	9	23x13	250	559	10
320 250 1	000935		painted	9	23x13	250	440	10
321 250 1	000959	•	painted	9	23x13	250	559	10
320 300 0	000966		polished	9	23x13	300	506	5
321 300 0	000980	•	polished	9	23x13	300	705	10
320 300 1	000973		painted	9	23x13	300	506	5
321 300 1	000997	•	painted	9	23x13	300	705	10

Crosscut Chisel, flat-oval



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Crosscut Chisel with Euro Holder								
320 100 0 SB	024665		polished	5	14 x 9	100	80	10
320 100 1 SB	024672		painted	5	14 x 9	100	80	10
320 125 0 SB	010842		polished	5	17 x 11	125	112	10
320 125 1 SB	010859		painted	5	17 x 11	125	112	10
320 150 0 SB	010866		polished	6	17 x 11	150	173	10
320 150 1 SB	010873		painted	6	17 x 11	150	173	10
320 175 0 SB	010880		polished	7	17 x 11	175	200	10
320 175 1 SB	010897		painted	7	17 x 11	175	200	10
320 200 1 SB	010910		painted	8	20 x 12	200	294	10
320 250 0 SB	010927		polished	9	23 x 13	250	459	10
320 250 1 SB	010934		painted	9	23 x 13	250	459	10
320 300 0 SB	010965		polished	9	23 x 13	300	520	5

Crosscut Chisel, octagonal



Art. No. 322 125 0

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
Crosscut Chisel, octagonal								
322 125 0	026386		polished	5	10	125	100	10
322 125 1	026409		painted	5	10	125	68	10
Crosscut Chisel, octagonal, with Euro Holder								
322 125 0 SB	026393		polished	5	10	125	103	10
322 125 1 SB	026416		painted	5	10	125	103	10

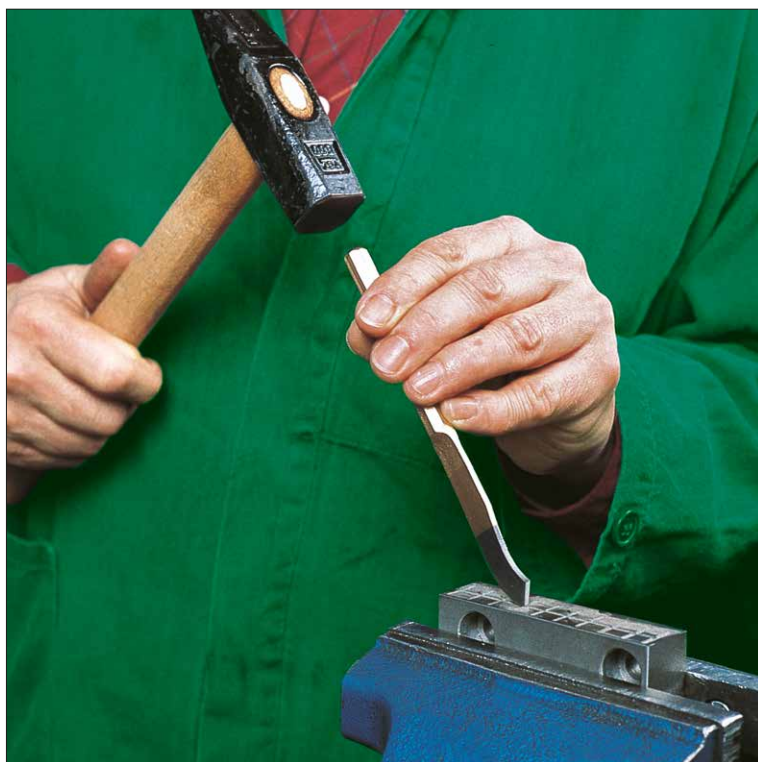
Chisels

Grooving Chisel

- Predominantly used in metalworking
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 392 003 0



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
392 002 0	002069		polished	2	10	150	69	10
392 002 1	002076		painted	2	10	150	69	10
392 003 0	002083		polished	3	10	150	73	10
392 003 1	002090		painted	3	10	150	73	10
392 004 0	002106		polished	4	10	150	77	10
392 004 1	002113		painted	4	10	150	77	10
392 005 0	002120		polished	5	10	150	79	10
392 005 1	002137		painted	5	10	150	79	10
392 006 0	002144		polished	6	10	150	81	10
392 006 1	002151		painted	6	10	150	81	10

Parting Chisel

- Predominantly used in metalworking
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 393 003 0

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	
393 002 0	006739		polished	2	10	125	61	10
393 003 0	006746		polished	3	10	125	62	10
393 004 0	006753		polished	4	12	150	112	10
393 005 0	006760		polished	5	12	150	114	10

Handguard

- For retrofitting various chisel designs
- Single-colour universal handguard for flat and octagonal profiles
- Two-tone, two-component handguard for octagonal material



Art. No. 395 120



Art. No. 395 122



Art. No. 395 110

Art. No.	EAN 4049002	 mm	 mm	 mm	 g	
Universal handguard for flat profiles and octagonal material, black						
395 110	002168	18	23x13	110	128	1
Two-component handguard						
395 120	028922	10		75	14	1
395 121	031335	14		95	63	1
395 122	031342	18		95	51	1





Tool sets

Tool sets

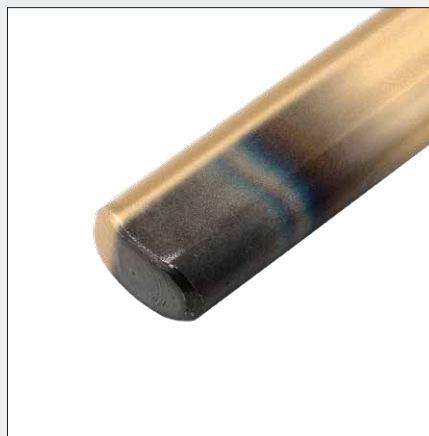
Smart sets for tools



Art. No. 421 014 0 UES



High-quality tools - polished tip, ground blade



Quality under the surface: fully hardened, tempered safety striking head



Practical foam insert keeps the workplace organised

Tool sets in foam insert

- Industrial quality tools
- Made of high-alloy tool steel
- With precise recesses for storage on the workbench and in the workshop trolley
- Dimensions of the foam insert (W x H x D): 335 x 165 x 33 mm



Art. No. 421 010 0 UES



Art. No. 421 011 0 UES



Art. No. 421 014 0 UES



Art. No.	EAN 4049002	Contents	↔ mm	⚖ g	📦
421 010 0 UES	110955	310 100 0 Flat Cold Chisel 310 150 0 Flat Cold Chisel 310 200 0 Flat Cold Chisel 310 250 0 Flat Cold Chisel 310 300 0 Flat Cold Chisel 380 240 0 Slitting Chisel, straight	338	2,100	1
421 011 0 UES	122873	310 100 0 Flat Cold Chisel 310 200 0 Flat Cold Chisel 310 300 0 Flat Cold Chisel 450 002 0 Parallel Pin Punches 450 003 0 Parallel Pin Punches 450 004 0 Parallel Pin Punches 450 005 0 Parallel Pin Punches 450 006 0 Parallel Pin Punches	338	1,550	1
421 014 0 UES	109560	310 200 0 Flat Cold Chisel 310 300 0 Flat Cold Chisel 435 150 0 Centre Punch 450 003 0 Parallel Pin Punches 450 004 0 Parallel Pin Punches 450 006 0 Parallel Pin Punches 450 008 0 Parallel Pin Punches 450 010 0 Parallel Pin Punches	338	1,550	1

Tool sets

Tool sets in cases and holders

- Metalworking tools
- Made of high-alloy tool steel
- Available in plastic stand, plastic case or metal case
- Design: polished tip



Art. No. 421 102 0



Art. No. 421 002 0



Art. No. 421 000 0

Art. No.	EAN 4049002	Finish	Contents	Color	↔ mm	⚖ g	📦
421 000 0	002175	in plastic stand	312 125 0 Flat Cold Chisel 312 150 0 Flat Cold Chisel 322 125 0 Crosscut Chisel 430 120 0 Centre Punch 440 003 0 Taper Punches 440 004 0 Taper Punches	gold		496	1
421 002 0	002199	in metal case	312 125 0 Flat Cold Chisel 312 150 0 Flat Cold Chisel 322 125 0 Crosscut Chisel 430 120 0 Centre Punch 440 003 0 Taper Punches 440 004 0 Taper Punches	gold		702	1
421 102 0	034473	in plastic case	312 126 0 Flat Cold Chisel 322 126 0 X Crosscut Chisel 430 122 0 Centre Punch 430 122 0 SB Centre Punch 440 103 0 Taper Punches 440 104 0 Taper Punches	gold		586	1

Other tool sets

- RENNSTEIG also offers various tools combined in sets.
- Tool sets consisting of items from a tool group can be found in the respective section.
- e.g. parallel pin punch sets and taper punch sets – see Striking tools section
- e.g. machine chisel sets - see Shank chisels section
- e.g. screw extractor sets - see Assembly and disassembly tools section
- e.g. wad punch sets - see Wad punches section



Art. No. 424 130 0



Art. No. 425 152 0



Art. No. 425 154 0



Art. No. 471 901 3



Art. No. 470 901 3



Art. No. 430 143



Art. No. 212 00096



Art. No. 212 00090



Art. No. 140 900 0





Shank chisels

Shank chisels

The right bit for any hammer



Ground tip



Fully tempered and laser engraved

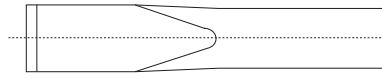


different insertion options possible

Shank chisel applications

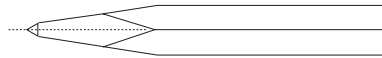
- Shank chisels for construction and demolition work, cleaning work and general chisel work in the construction industry
- Correct selection of chisel type and length enables optimum transfer of energy with minimum effort on the part of the user
- RENNSTEIG shank chisels meet the highest quality standards
- Use of high-quality materials and the latest manufacturing and heat treatment technologies
- Regrounding possible without any problems

Flat Cold Chisel



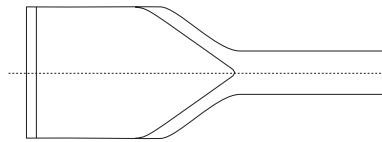
- For general chiselling and demolition work on masonry, concrete and loose rock
- Small-scale chipping work
- precise breaking action

Pointed Chisels



- For chiselling and demolition jobs on concrete and hard materials
- precise breaking action

Spade chisel



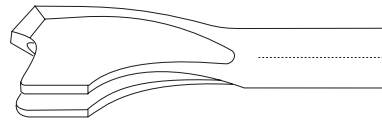
- For removing plaster from walls and floors
- Removal of heavy rust layers
- Wide range of applications

Grooving chisel



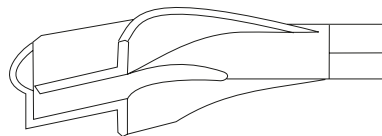
- For cutting grooves in wall surfaces for electric and plumbing lines

Canal chisel



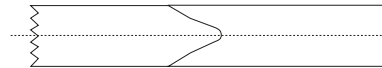
- For cutting deeper grooves or channels in brickwork for electric and plumbing installations
- Not designed for use on concrete

Wing chisel



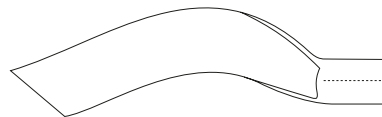
- For cutting of grooves and channels in brickwork for electric and plumbing installations
- The bearing surface and angle of attack of the chisel give a uniform channel depth

Toothed chisel



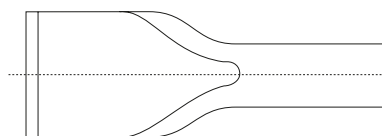
- For removing mortar and brickwork plaster
- Groove cutting
- Wide range of applications

Mortar chisel



- For repairing defect mortar joints
- Deep access into the joints possible due to special chisel design

Floor chisels



- For striking off plaster and tiles
- Easy and convenient to use thanks to the angled shape of the chisel blade

Shank chisels

Chisels for electric hammers SDS plus

- For general chiselling and demolition work on masonry, concrete and loose rock
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Cutting edge can be reground
- Meets or exceeds requirements from current (e.g. DIN) standards
- SDS plus chisels in short version (140 mm long) are known as PCS chisels (PCS = Power Chisel Short)
- PCS chisels guarantee optimised transmission of force with minimised weight



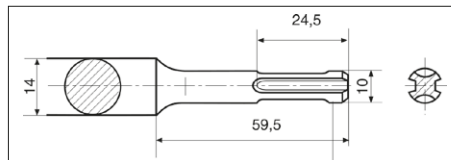
Art. No. 212 14000

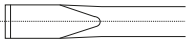
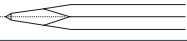
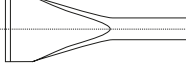
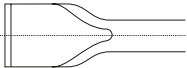


Art. No. 212 14001



Art. No. 212 17018



Art. No.	EAN 4049002	Tip	Type	Ø mm	 mm	↔ mm	 g	
SDS plus-PCS chisels – short design								
212 14000	093128		PCS-Flat cold chisel	14 mm	20	140	122	10
212 14001	093135		PCS-Pointed chisel	14 mm		140	100	10
212 14020	093142		PCS-Wide chisel	14 mm	30	140	120	10
SDS plus chisels – medium design								
212 17017	120961		Spade chisel	20 mm	80	170	370	10
212 17018	120978		Floor chisels 20° offset	20 mm	80	170	370	10

Chisels for electric hammers SDS plus

- For general chiselling and demolition work on masonry, concrete and loose rock
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Cutting edge can be reground
- Meets or exceeds requirements from current (e.g. DIN) standards



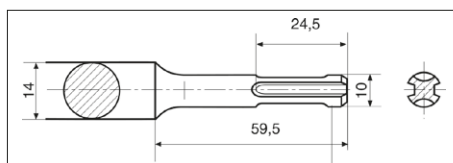
Art. No. 212 25021

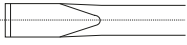
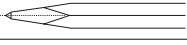
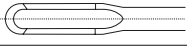
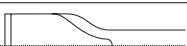


Art. No. 212 25001



Art. No. 212 25003



Art. No.	EAN 4049002	Tip	Type	Ø mm	 mm	↔ mm	 g	
SDS plus chisels – long design								
212 25000	003349		Flat Cold Chisel	14 mm	20	250	248	10
212 25001	003356		Pointed Chisels	14 mm		250	237	10
212 25002	153730		Floor chisels	16 mm	50	250	350	10
212 25003	003363		Grooving chisel	16 mm	22	250	342	10
212 25005	013522		Toothed chisel	14 mm	26	250	222	10
212 25009	016523		Floor chisels 30° offset	16 mm	40	250	346	10
212 25014	003370		Spade chisel	16 mm	40	250	345	10
212 25015	153747		Floor chisels 20° offset	16 mm	50	250	350	10
212 25020	005398		Wide flat cold chisel	16 mm	40	250	345	10
212 25021	006944		Wide flat cold chisels, offset	16 mm	40	250	346	10

Shank chisels

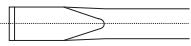
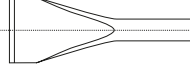
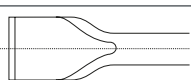
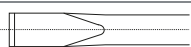
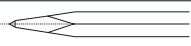
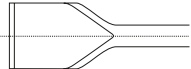
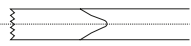
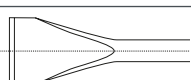
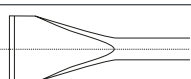
Shank chisels with Euro Holder



Art. No. 212 17018 SB



Art. No. 212 25014 SB

Art. No.	EAN 4049002	Tip	Type	Ø mm	 mm	↔ mm	 g	
SDS plus-PCS chisels – short design – with Euro Holder								
212 14000 SB	094941		PCS-Flat cold chisel	14 mm	20	140	205	5
212 14001 SB	094958		PCS-Pointed chisel	14 mm		140	190	5
212 14020 SB	094965		PCS-Wide flat cold chisel	14 mm	30	140	250	5
SDS plus chisels – medium design – with Euro Holder								
212 17017 SB	121432		Spade chisel	20 mm	80	170	385	5
212 17018 SB	121449		Floor chisels 20° offset	18 mm	80	170	385	5
SDS plus chisels – long design – with Euro Holder								
212 25000 SB	016530		Flat Cold Chisel	14 mm	20	250	259	5
212 25001 SB	016547		Pointed Chisels	14 mm		250	247	5
212 25002 SB	156014		Floor chisels	16 mm	50	250	365	5
212 25003 SB	016554		Grooving chisel	16 mm	22	250	352	5
212 25005 SB	016578		Toothed chisel	14 mm	26	250	234	5
212 25009 SB	021787		Floor chisels 30° offset	16 mm	40	250	354	5
212 25014 SB	016561		Spade chisel	16 mm	40	250	355	5
212 25015 SB	156021		Floor chisels 20° offset	16 mm	50	250	365	5
212 25020 SB	086663		Wide flat cold chisel	16 mm	40	250	350	5
212 25021 SB	086670		Wide flat cold chisels, offset	16 mm	40	250	351	5

Chisel Sets for Electric Hammers with SDS plus chuck

- Various chisel types combined in a set (3-piece) in a handy plastic box
- Standard chisel 250 mm long
- Chisel also available in short version (140 mm long) for optimised transmission of force with minimised weight (PCS = Power Chisel Short)



Art. No. 212 00090



Art. No. 212 00096



Art. No. 212 00094



Art. No.	EAN 4049002	Contents	↔ mm	⚖ g	📦
212 00090	013041	212 25000 Flat Cold Chisel 212 25001 Pointed Chisels 212 25014 Spade chisel		853	1
212 00094	091919	212 25000 Flat Cold Chisel 212 25001 Pointed Chisels 212 25003 Grooving chisel		845	1
212 00096	093159	212 14000 PCS-Flat cold chisel 212 14001 PCS-Pointed chisel 212 14020 PCS-Wide flat cold chisel		360	1

Shank chisels

Chisels for electric hammers SDS max

- For general chiselling and demolition work on masonry, concrete and loose rock
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Cutting edge can be reground
- Meets or exceeds requirements from current (e.g. DIN) standards



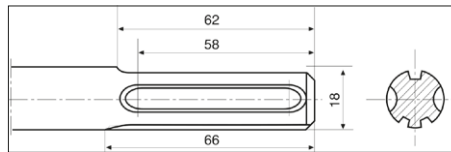
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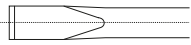
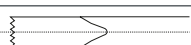
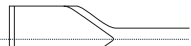


Art. No. 210 30004



Art. No. 210 30017



Art. No.	EAN 4049002	Tip	Type	Ø mm	 mm	 mm	 g	
SDS max chisels								
210 28000	004193		Flat Cold Chisel	18 mm	25	280	492	10
210 28001	004223		Pointed Chisels	18 mm		280	469	10
210 30004	004308		Mortar chisel	18 mm	10	300	561	5
210 30005	004292		Toothed chisel	18 mm	32	300	540	5
210 30007	004285		Canal chisel	18 mm	32	300	691	5
210 30013	006999		Grooving chisel	18 mm	26	300	497	5
210 30015	004315		Floor chisels 20° offset	18 mm	50	300	581	5
210 30017	004254		Spade chisel	18 mm	80	300	715	5
210 30018	004322		Floor chisels 20° offset	18 mm	80	300	641	5
210 30019	004278		Grooving chisel	18 mm	32	300	567	5
210 35008	084331		Wide chisel	18 mm	105	350	1,160	5

Chisels for electric hammers SDS max



Art. No. 210 38006

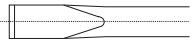
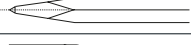
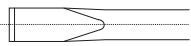
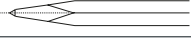


Art. No. 210 40000



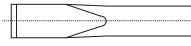
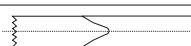
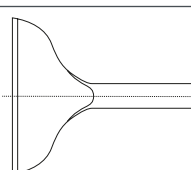
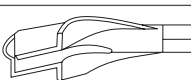
Art. No. 210 60001



Art. No.	EAN 4049002	Tip	Type	Ø mm	 mm	↔ mm	 g	
SDS max chisels								
210 38006	013577		Wing chisel	18 mm	35	380	896	3
210 40000	004209		Flat Cold Chisel	18 mm	25	400	727	5
210 40001	004230		Pointed Chisels	18 mm		400	701	5
210 40002	004261		Spade chisel	18 mm	50	400	805	5
210 60000	004216		Flat Cold Chisel	18 mm	25	600	1,120	5
210 60001	004247		Pointed Chisels	18 mm		600	1,100	5

Shank chisels

Shank chisels with Euro Holder

Art. No.	EAN 4049002	Tip	Type	Ø mm	 mm	↔ mm	 g	
SDS max chisels with Euro Holder								
210 28000 SB	021794		Flat Cold Chisel	18 mm	25	280	505	10
210 28001 SB	023156		Pointed Chisels	18 mm		280	482	10
210 30004 SB	024238		Mortar chisel	18 mm	10	300	561	5
210 30005 SB	016677		Toothed chisel	18 mm	32	300	550	5
210 30007 SB	024221		Canal chisel	18 mm	32	300	675	5
210 30013 SB	016660		Grooving chisel	18 mm	26	300	519	5
210 30015 SB	016684		Floor chisels 20° offset	18 mm	50	300	588	5
210 30017 SB	016622		Spade chisel	18 mm	80	300	734	5
210 30018 SB	016691		Floor chisels 20° offset	18 mm	80	300	700	5
210 30019 SB	016653		Grooving chisel	18 mm	32	300	577	5
210 35008 SB	016639		Wide chisel	18 mm	105	350	1,160	5
210 38006 SB	021831		Wing chisel	18 mm	35	380	924	3
210 40000 SB	016585		Flat Cold Chisel	18 mm	25	400	739	5
210 40001 SB	016608		Pointed Chisels	18 mm		400	714	5
210 40002 SB	016646		Spade chisel	18 mm	50	400	816	5
210 60000 SB	016592		Flat Cold Chisel	18 mm	25	600	1,130	5
210 60001 SB	016615		Pointed Chisels	18 mm		600	1,100	5

Chisel Sets for SDS max Electric Hammers

- Various chisel types combined in a set in a handy plastic box



Art. No. 210 00090



Art. No. 210 00091

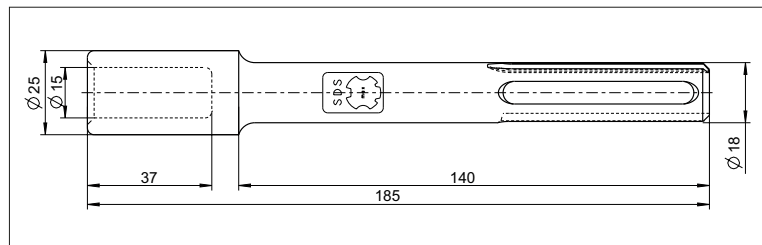
Art. No.	EAN 4049002	Contents	↔ mm	⚖ g	📦
210 00090	023354	210 40000 Flat Cold Chisel 210 40001 Pointed Chisels 210 40002 Spade chisel		2,316	1
210 00091	023224	210 40000 Flat Cold Chisel, 2 pieces 210 40001 Pointed Chisels 210 40002 Spade chisel		3,060	1

Driver for SDS max electric hammers

- For easily hammering in earth rods, ground anchors and ground pins for fixing lightning conductors, pipes or cables in concrete or stone
- Suitable for use in rotary hammer drills with SDS max chuck
- Made of high-alloy tool steel
- Optimal hardening process guarantees a long service life and consistent quality



Art. No. 210 18511



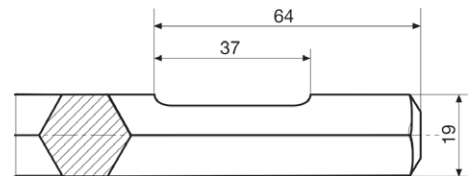
Art. No.	EAN 4049002	Tip	Type	Ø mm	mm	↔ mm	⚖ g	📦
SDS max driver								
210 18511	029318		Driver	18 mm	25	185	425	3

Shank chisels

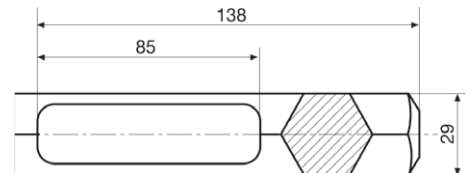
Shank chisels for other electric and pneumatic hammers

- Shank chisels with special chisel holders and tips available for a wide range of manufacturers
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Cutting edge can be reground
- Meets or exceeds requirements from current (e.g. DIN) standards

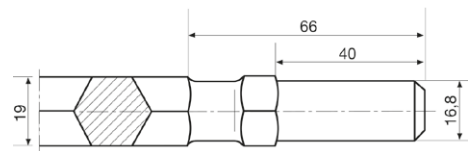
Chuck fit
Hexagonal, 19 mm
RENNSTEIG Type 203



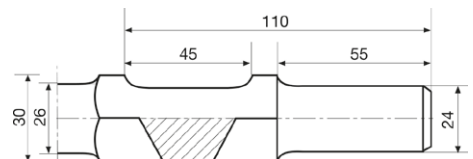
Chuck fit
Hexagonal, 29 mm
RENNSTEIG Type 205



Chuck fit
round 16.8 x 40 mm
RENNSTEIG Type 215

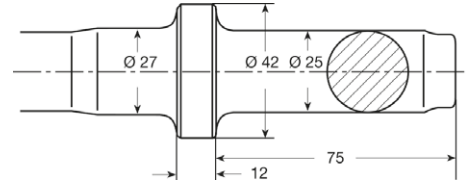


Chuck fit
round 24 x 55 mm
RENNSTEIG Type 227

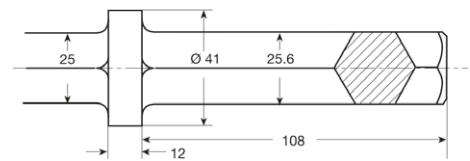


Shank chisels for other electric and pneumatic hammers

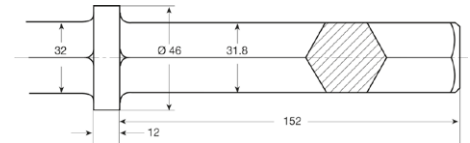
Chuck fit
round 25 x 75 mm
RENNSTEIG Type 232



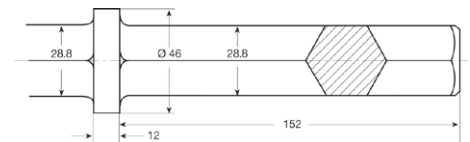
Chuck fit
hexagonal 25.6 x 108 mm
RENNSTEIG Type 242



Chuck fit
hexagonal 31.8 x 152 mm
RENNSTEIG Type 244



Chuck fit
hexagonal 28.8 x 152 mm
RENNSTEIG Type 246

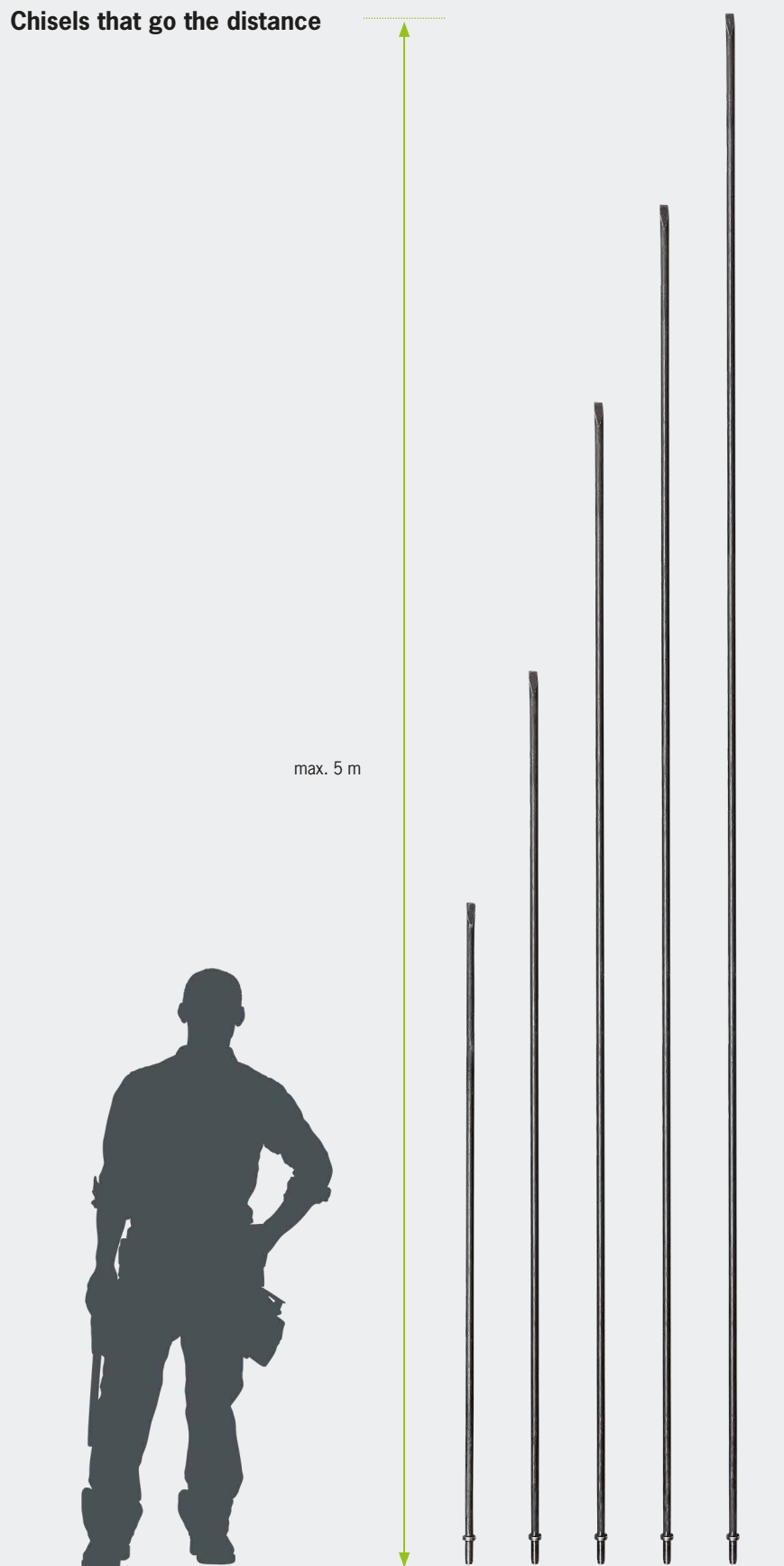


Info

The shank chisels are available with the most common tips, in the form of flat cold, pointed and spade chisels. We would be happy to advise you with regard to your specific requirements.
Are you looking for other chisel holders or chisel designs?
Feel free to contact us – we will find a solution for you.

Shank chisels

Chisels that go the distance



Flat tip



Pointed tip



2 different insertion options

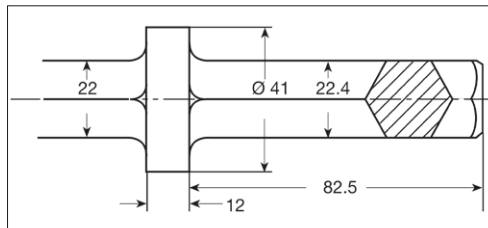
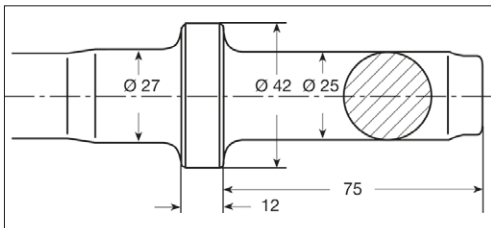
Made-to-order: XXL chisels from RENNSTEIG.

Extra-long chisels are used primarily in foundries, construction and mining. The name “XXL chisel” perfectly illustrates the size of these products, which are indispensable for all kinds of applications and special uses. The shapes and sizes of the chisels are determined by their intended use and adapted to this.

RENNSTEIG has the technical capacities to manufacture extra-long chisels. The maximum possible production length of the chisels depends on the material used. Generally speaking, RENNSTEIG is able to produce machine and hand chisels up to a total length of five metres. These large chisels are offered with two different shank ends.

The tip shape is a decisive factor and is extremely relevant when it comes to using the XXL chisels. We supply the most common tip shapes, such as pointed and flat, and can also supply custom shapes to meet your requirements. Please contact us regarding any special requirements - we will be happy to advise you.

Needless to say, RENNSTEIG also offers you an XXL service. Our sales team can provide you with in-depth knowledge, along with an extensive product portfolio. We will be happy to provide you with specific solutions to meet any special requests that you might have. We'll also repair your XXL chisels, and take care of pick-up and delivery. Repairs are carried out at our Altersbach facility in accordance with the relevant quality specifications. This guarantees maximum service life for the repaired products.



Possible shank ends



Inductive tempering



XXL chisel in use

Info

Due to their size and weight, special delivery and transport conditions apply to the XXL chisels. We will be happy to advise you - please call us on +49 3 68 47 / 4 41-0 or email us at info@rennsteig.com





Wrecking Bars, Cowbars

Wrecking Bars, Cowbars

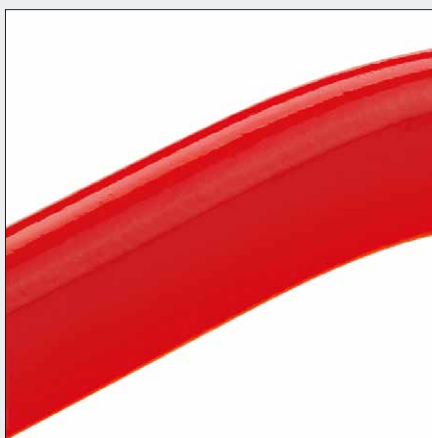
Made tough for the tough jobs



Art. No. 275 600 2 + 271 600 2



Crowbar for leverage and pulling nails



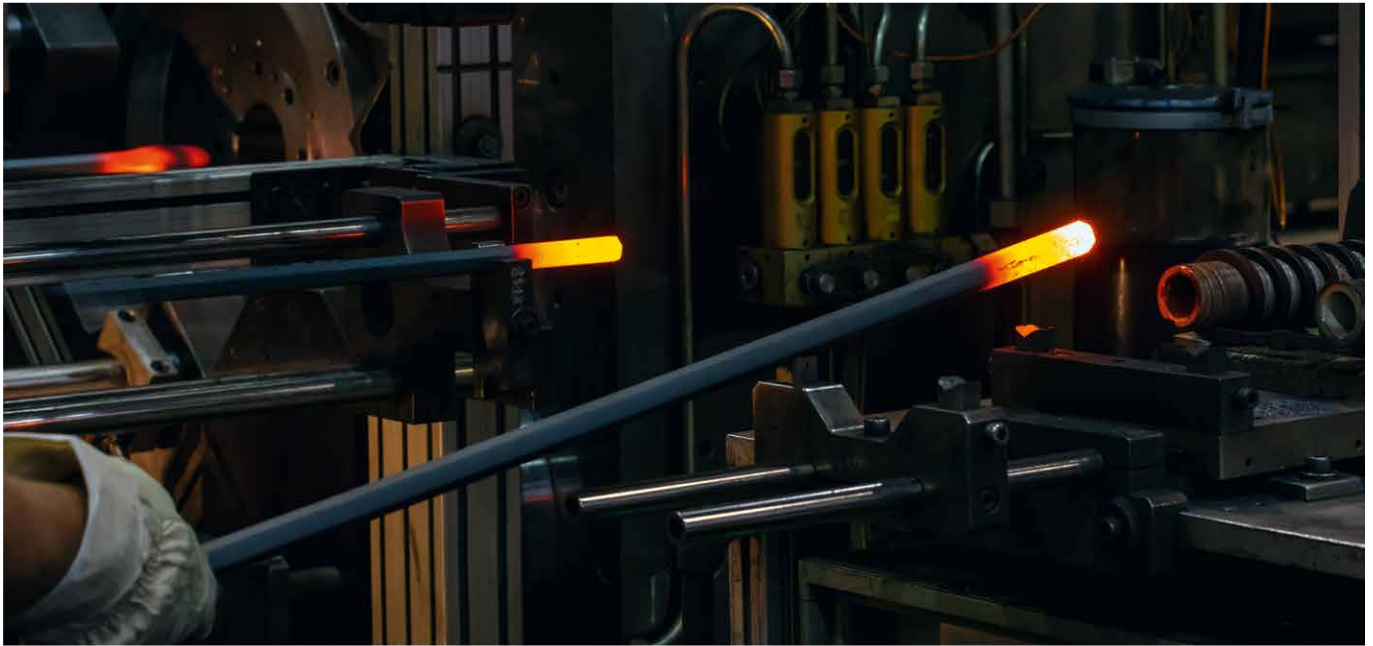
Long-life, red powder coating for better visibility on the construction site



Chisel end for levering and removing panels

RENNSTEIG Wrecking Bar

- For extracting hammered metal nails and for prying open, moving or loosening objects
- Made from special tool steel, forged
- Wrecking bars specially heat-treated for increased resistance to breakage
- Nail lifter side and chisel side are hardened to meet the most demanding requirements
- Material cross-section flat-oval or hexagonal
- Flat-oval profile – up to 50% higher resistance to bending compared to the hexagonal profile with the same weight



Info

Bend without breaking!
Thanks to our special manufacturing process, RENNSTEIG wrecking bars guarantee maximum work safety in all areas of application.

Wrecking Bars, Cowbars

Wrecking bars flat-oval

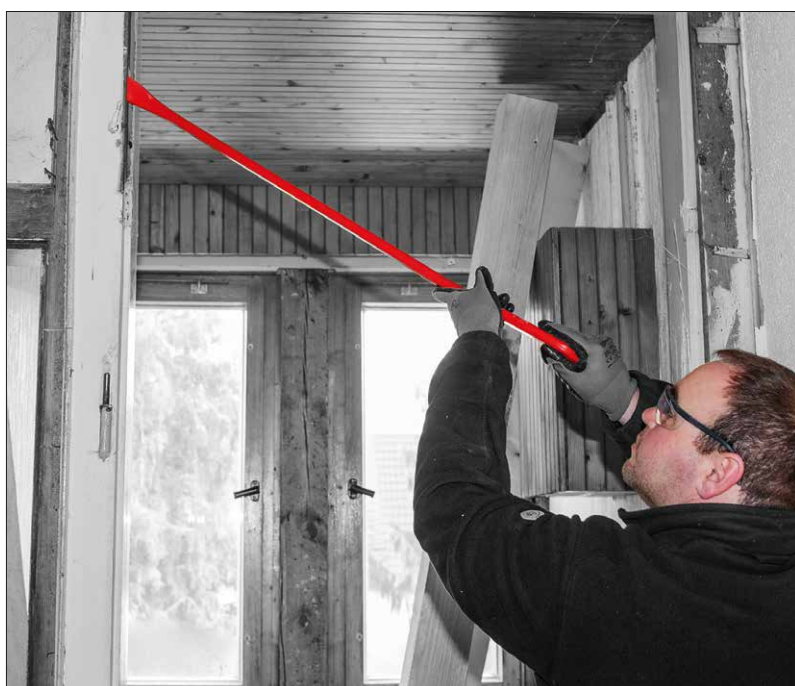
- Made from special tool steel, forged
- Shatterproof thanks to a special manufacturing process
- Nail lifter side and chisel side are hardened to meet the most demanding requirements
- Long-life, red powder coating for better visibility on the construction site
- ULTIMAX version exceptionally robust for the tough jobs



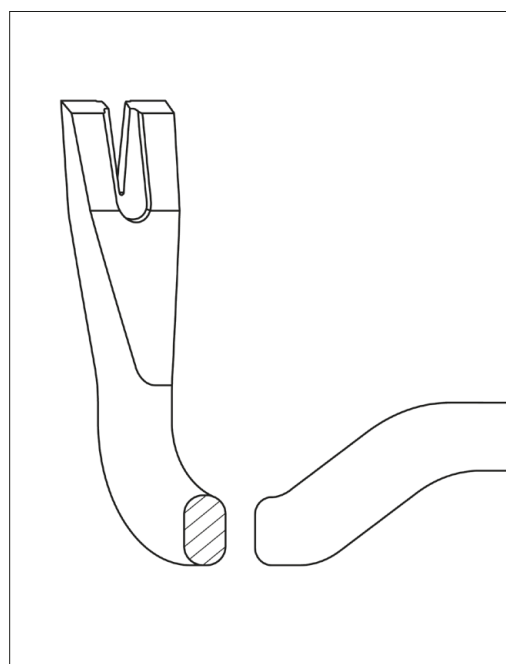
Art. No. 275 600 2



Art. No. 276 600 2



Easy to use, even when carrying out demolition work from a distance, thanks to the long lever arm



Flat-oval profile – these wrecking bars are more robust and are lighter than hexagonal wrecking bars of the same size

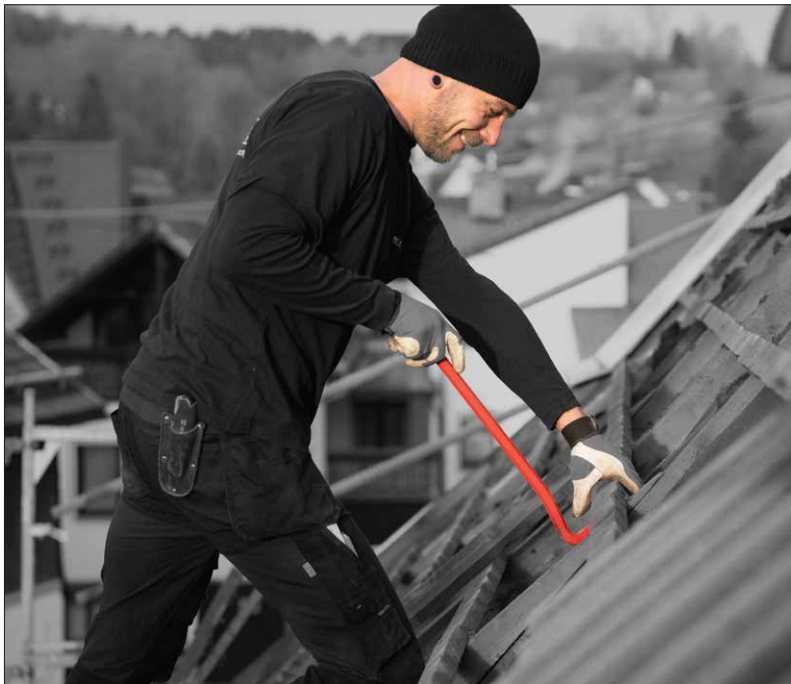
Art. No.	EAN 4049002	 mm	 mm	 g	
ULTIMAX wrecking bars					
275 600 2	024344	26 x 16	600	1,880	1
275 800 2	024351	26 x 16	800	2,450	1
275 1000 2	012082	26 x 16	1,000	3,060	1
Wrecking bars flat-oval					
276 400 2	086694	20 x 12	400	800	1
276 500 2	086700	20 x 12	500	980	1
276 600 2	086717	23 x 13	600	1,400	1
276 800 2	086724	23 x 13	800	1,900	1
276 1000 2	086687	23 x 13	1,000	2,500	1

Wrecking bars, hexagonal

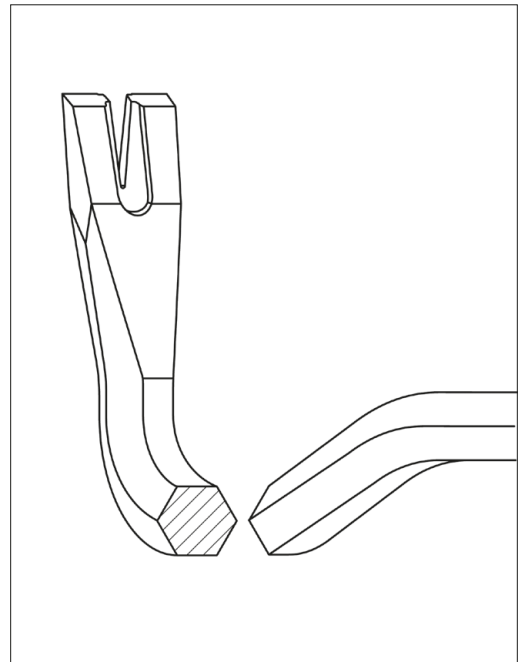
- Made from special tool steel, forged
- Shatterproof thanks to a special manufacturing process
- Nail lifter side and chisel side are hardened to meet the most demanding requirements
- Long-life, red powder coating for better visibility on the construction site



Art. No. 271 600 2



Suitable not only for pulling out nails, but also for demolition work



Hexagonal profile – better contact surface at the bend prevents indentations in the material

Art. No.	EAN 4049002	 mm	 mm	 g	
Wrecking bars, hexagonal					
271 400 2	007064	18	400	1,030	1
271 500 2	003042	18	500	1,180	1
271 600 2	003059	18	600	1,500	1
271 700 2	023347	18	700	1,700	1
271 800 2	003066	18	800	1,930	1
271 1000 2	003073	20	1,000	2,860	1

Wrecking bars XS

- Extra-short version for working on slate roofs and wall panelling
- Small, handy and lightweight design
- Made from special tool steel, forged
- Hardened throughout for optimum transmission of force
- Long-life, red powder coating for better visibility on the construction site



Art. No. 2722 270 2

Art. No.	EAN 4049002	 mm	 mm	 g	
2722 270 2	153723	12	270	270	10

Box Chisel

- For easy opening of crates and transport boxes and for prying open, moving and levering
- Made from special tool steel, forged
- Hardened throughout
- Chisel end painted silver
- Box chisel painted red



Art. No. 279 300 1

Art. No.	EAN 4049002	 mm	 mm	 g	
279 300 1	024412	14	300	429	1

Straightening/Mounting Bars

- For use in workshops, in the skilled trades etc. for aligning components and panelling and for levering heavy loads
- Made from special tool steel, forged
- Hardened throughout
- Long-life, red powder coating for better visibility on the construction site



Art. No. 273 600 2

Art. No.	EAN 4049002	 mm	 mm	 mm	 g	
273 400 2	046889	16	5	400	580	5
273 500 2	024818	20	5	500	1,080	5
273 600 2	015625	20	5	600	1,380	3

Crowbars

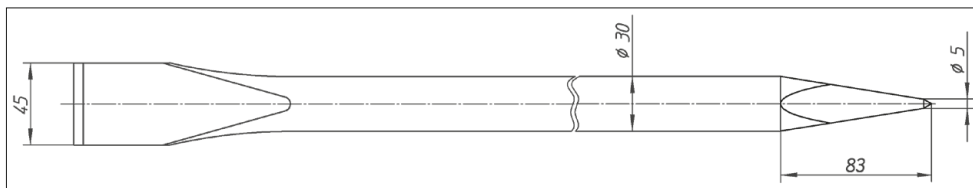
- Extremely sturdy design
- Made from special tool steel, forged
- Durable black powder coating
- Diameter 30 mm, length 1 m or 1.50 m
- Working tips available as a tip, claw or cutting edge, straight or curved
- Grip end optionally available as a ball
- Areas of application: in road, steel and timber construction for dismantling or demolition work



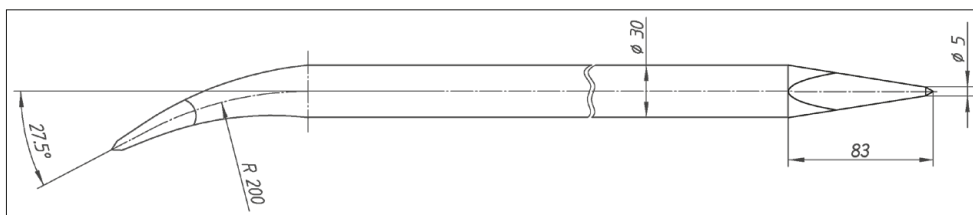
Art. No. 2735 1500 2



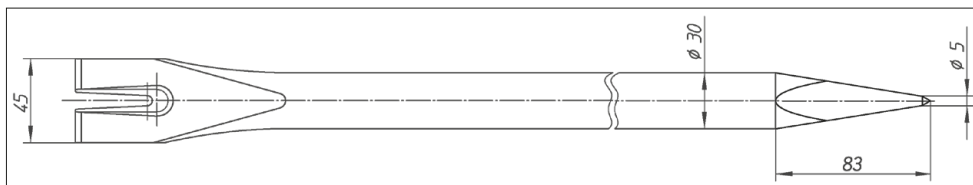
Art. No. 2731 1500 2



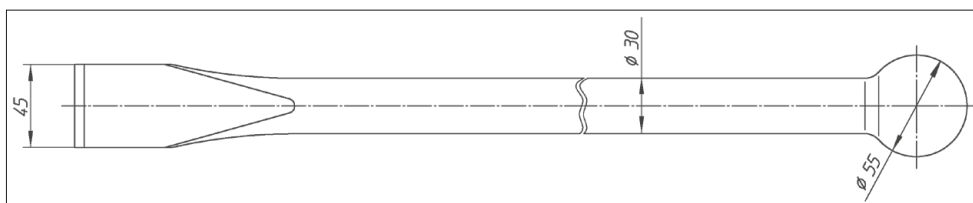
Art. No. 2732 1000 2 / 2732 1500 2 straight edge, tip



Art. No. 2731 1000 2 / 2731 1500 2 curved edge, tip



Art. No. 2734 1000 2 / 2734 1500 2 claw curved, tip



Art. No. 2735 1500 2 edge straight, ball-tip

Info

Due to the size and weight of the crow bars certain special delivery and transporting instructions need to be considered. We will be happy to advise you - please call us on +49 3 68 47 / 4 41-0 or email us at info@rennsteig.com





Assembly / Disassembly tools

**Remove damaged bolts,
for right or left-hand thread**



Art. No. 471 005 3 / 471 003 3 / 471 001 3



Center punch function



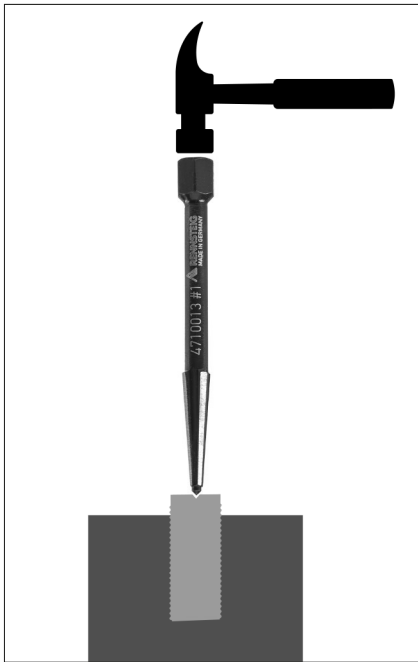
Double edge - slip-proof two-edge penetration in threaded fastener



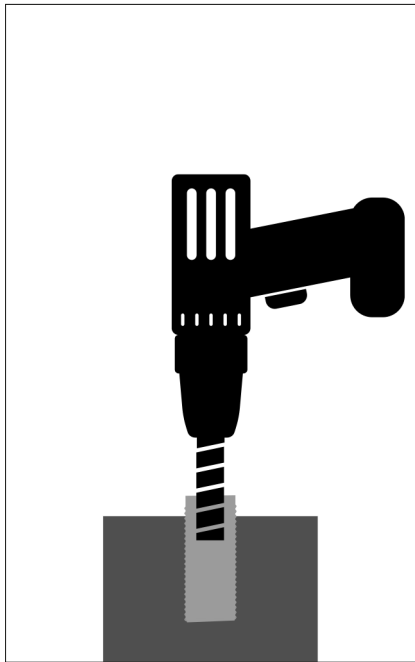
Hexagonal head

Screw extractor

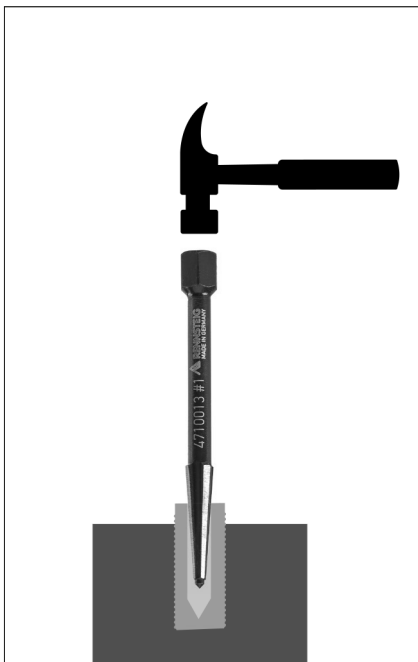
- For extracting broken screws or threaded bolts from threaded holes without causing damage
- Salvage high-quality products
- Can be used for right-hand and left-hand threads
- Material: CrV steel, hardened
- Surface finish: zinc-phosphated
- Service life varies depending on the hardness of the mating material



Centre punch stuck screw



Pre-drill with suitable drill bit



Insert suitable screw extractor



Use suitable tool to loosen and remove stuck screw

Double-edged screw extractor

- For extracting broken screws or threaded bolts from threaded holes without causing damage - salvage high-quality products
- Can be used for right-hand and left-hand threads
- Material: CrV steel, hardened
- Surface finish: zinc-phosphated, polished cutting surface
- Service life varies depending on the hardness of the mating material
- Pre-drill the screw to be removed with a suitable drill bit
- Tap the extractor into the drill hole and loosen the screw



Art. No. 471 001 3



Art. No. 471 007 3



Art. No.	EAN 4049002	Size	 mm	Drill Ø mm (min)	Drill Ø mm (max)	Screws min	Screws max	a/f inch	Drill min	Drill max	Screws min	Screws max	↔ mm	 g	
471 001 3	020872	1	6.35	3.2	4.8	M5	M6	1/4	1/8	3/16	3/16	1/4	59	9	1
471 002 3	020889	2	9.5	4.8	7.1	M8	M10	3/8	3/16	1/4	5/16	3/8	66	20	1
471 003 3	020896	3	12.7	6.4	9.5	M10	M12	1/2	1/4	3/8	7/16	1/2	73	42	1
471 004 3	020902	4	15.9	9.5	12.7	M12	M16	5/8	3/8	7/16	1/2	9/16	80	72	1
471 005 3	020919	5	19	11.1	15.9	M16	M20	3/4	7/16	9/16	5/8	3/4	87	115	1
471 006 3	020926	6	22	14.3	19.1	M20	M24	7/8	9/16	3/4	7/8	1/1	96	130	1
471 007 3	020933	7	25.4	19.1	23.8		M30	1	3/4	15/16	1/1	1/1	107	286	1

Double-edged screw extractor sets

- Assortment of screw extractors for screws M5 to M20 (5-piece)
- 5-piece in metal case, black tool pouch, blue plastic pouch or plastic tube
- 3-piece only in plastic tube



Art. No. 471 901 3



Art. No. 471 906 3



Art. No. 471 900 3



Art. No. 471 903 3



Art. No. 471 904 3

Art. No.	EAN 4049002	Contents	↔ mm	⚖ g	📦
471 900 3	019159	471 001 3 Double-edged screw extractor 471 002 3 Double-edged screw extractor 471 003 3 Double-edged screw extractor 471 004 3 Double-edged screw extractor 471 005 3 Double-edged screw extractor		242	1
471 901 3	022791	471 001 3 Double-edged screw extractor 471 002 3 Double-edged screw extractor 471 003 3 Double-edged screw extractor 471 004 3 Double-edged screw extractor 471 005 3 Double-edged screw extractor		442	1
471 903 3	096976	471 001 3 Double-edged screw extractor 471 002 3 Double-edged screw extractor 471 003 3 Double-edged screw extractor		60	1
471 904 3	096594	471 001 3 Double-edged screw extractor 471 002 3 Double-edged screw extractor 471 003 3 Double-edged screw extractor 471 004 3 Double-edged screw extractor 471 005 3 Double-edged screw extractor		240	1
471 906 3	139451	471 001 3 Double-edged screw extractor 471 002 3 Double-edged screw extractor 471 003 3 Double-edged screw extractor 471 004 3 Double-edged screw extractor 471 005 3 Double-edged screw extractor		244	1

Spiral screw extractor

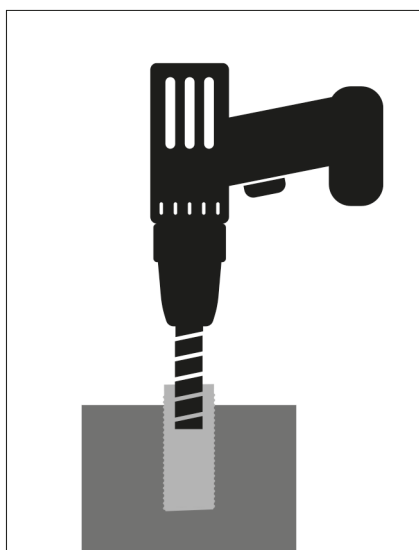
- For extracting broken screws or threaded bolts from threaded holes without causing damage - salvage high-quality products
- Only suitable for right-hand threads
- Material: CrV steel, hardened
- Surface finish: zinc-phosphated
- Service life varies depending on the hardness of the mating material



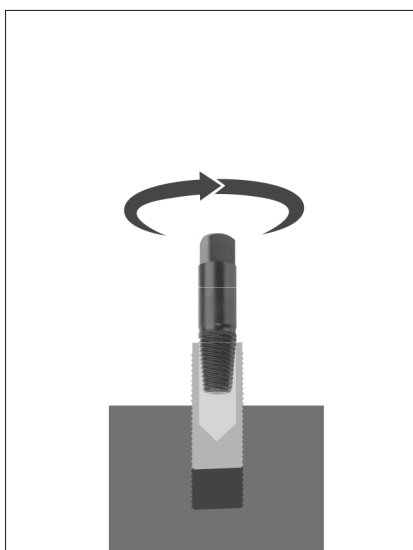
Art. No. 470 001 3



Art. No. 470 008 3



Pre-drill with suitable drill bit



Insert screw extractor with suitable tool into the stuck screw, loosen screw and remove

Art. No.	EAN 4049002	Size	Tip Ø mm	Shank Ø mm	Drill Ø mm (min)	Drill Ø mm (max)	Screws min	Screws max	↔ mm	⚖ g	📦
470 001 3	000454	1	1.75	3.6	2	3.5	M3	M6	50	3	10
470 002 3	000461	2	2.2	5	3	4.5	M6	M8	57	7	10
470 003 3	000478	3	3.3	6.5	4	6	M8	M11	64	13	10
470 004 3	000485	4	4.75	8.8	6	8.5	M11	M14	71	27	10
470 005 3	051869	5	6.35	11	7	11	M14	M18	78	45	10
470 006 3	000508	6	9.5	15	11	14.5	M18	M24	85	91	5
470 007 3	000515	7	12.7	19	14.5	19	M24	M33	92	157	5
470 008 3	000522	8	17.5	24	20	23.5	M33	M45	100	281	5

Screw extractor sets “Spiral”

- Various assortments of screw extractors in a plastic tube
- 5-piece for screws M3 to M18
- 6-piece for screws M3 to M24
- 8-piece for screws M3 to M45



Art. No. 470 900 3



Art. No. 470 901 3



Art. No. 470 902 3

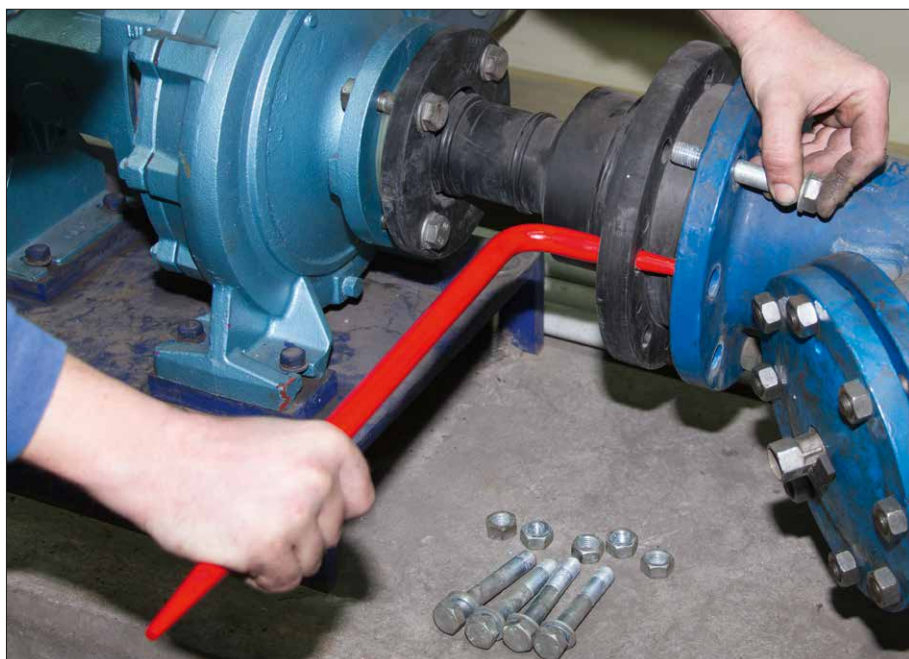
Art. No.	EAN 4049002	Contents	↔ mm	⚖ g	📦
470 900 3	000539	470 001 3 Spiral screw extractor 470 002 3 Spiral screw extractor 470 003 3 Spiral screw extractor 470 004 3 Spiral screw extractor 470 005 3 Spiral screw extractor		110	1
470 901 3	000546	470 001 3 Spiral screw extractor 470 002 3 Spiral screw extractor 470 003 3 Spiral screw extractor 470 004 3 Spiral screw extractor 470 005 3 Spiral screw extractor 470 006 3 Spiral screw extractor		217	1
470 902 3	000553	470 001 3 Spiral screw extractor 470 002 3 Spiral screw extractor 470 003 3 Spiral screw extractor 470 004 3 Spiral screw extractor 470 005 3 Spiral screw extractor 470 006 3 Spiral screw extractor 470 007 3 Spiral screw extractor 470 008 3 Spiral screw extractor		707	1

Angular assembly bars

- Special tool steel, round cross-section, red powder coated
- hardened throughout



Art. No. 278 020 2



Art. No.	EAN 4049002	└ mm	└ mm	○ mm	↘ mm	↘ mm	↔ mm	⚖ g	📦
278 010 2	024283	300	100	10	50	5	300	202	1
278 012 2	024290	350	110	12	60	5	350	340	1
278 014 2	024306	400	120	14	70	6	400	524	1
278 016 2	024313	450	130	16	80	6	450	745	1
278 020 2	024320	500	150	20	90	7	500	1,293	1
278 026 2	024337	550	170	26	100	8	550	2,396	1

Mounting Tool with Tip

- Special tool steel, painted
- Hardened, striking head tempered



Art. No. 449 500 1

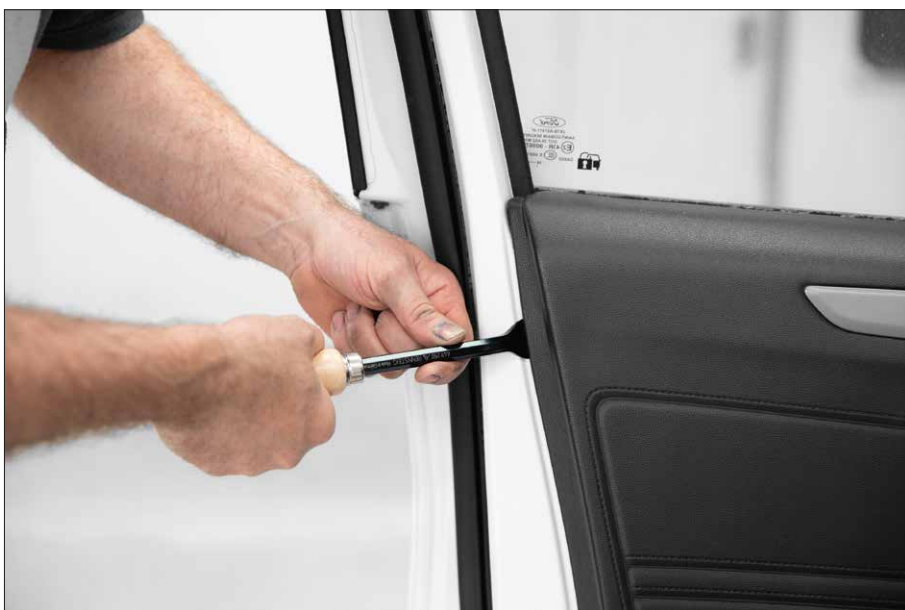
Art. No.	EAN 4049002	 mm	 mm	 mm	 mm	 g	
449 500 1	112409	20	170	5	500	1,058	5

Release lever

- To release door linings on vehicles
- Black powder-coating (PVC) for a better sliding performance and to avoid damages to lacquered surfaces



Art. No. 449 250 2



Art. No.	EAN 4049002	Blade width mm	Blade thickness mm	Notch width mm	 mm	 mm	 g	
449 250 2	121869	26	2	7.4	10	265	150	10





Scrapers

Scrapers

Replaceable carbide tip
for long life



Art. No. 465 020 0 / 465 025 0 / 465 030 0



Four-blade carbide tip



Carbide tip quick to replace



Ergonomic real wood handle

Flat scrapers with carbide tip

- For processing and straightening flat surfaces
- Made of high-alloy tool steel
- Curved blades ground on both sides
- Slim, ergonomic design
- Durable black powder coating



Art. No. 465 030 0



Shape of the working tip



Art. No.	EAN 4049002	Blade length mm	 mm	 mm	 g	
Flat scrapers with carbide tip						
465 020 0	021077	310	20 x 5	430	318	1
465 025 0	021084	325	25 x 5	459	419	1
465 030 0	021091	325	30 x 5	459	503	1
Replacement carbide tip						
465 020 0 0	021107		20 x 2	25	16	1
465 025 0 0	021114		25 x 2	25	20	1
465 030 0 0	021121		30 x 2	25	24	1

Scrapers

Flat scrapers with carbide tip

- For processing and straightening flat surfaces
- Made of high-alloy tool steel
- Soldered carbide tip with curved blade ground on both sides
- Blue dip-coated
- Ergonomic real wood handle



Art. No. 465 115 1



Shape of the working tip

Art. No.	EAN 4049002	Blade length mm	 mm	 mm	 g	
Flat scrapers with carbide tip						
465 115 1	024467	190	15 x 5	290	171	10
465 120 1	024474	210	20 x 5	330	220	10
465 125 1	024481	240	25 x 5	360	290	10
465 130 1	024498	290	30 x 5	410	398	5

Flat scrapers

- For processing and straightening flat surfaces
- Made of high-alloy tool steel
- Curved blades ground on both sides
- Blue dip-coated
- Ergonomic real wood handle
- Tip similar to DIN 8350, shape A



Art. No. 460 150 0



Shape of the working tip



Art. No.	EAN 4049002	Blade length mm	 mm	 mm	 g	
Flat scrapers						
460 100 0	008405	100	20 x 5	200	115	10
460 150 0	002892	150	20 x 5	250	152	10
460 175 0	006777	175	20 x 5	275	171	10
460 200 0	002908	200	20 x 5	320	207	10
460 250 0	002915	250	25 x 6	370	348	10
460 300 0	002922	300	25 x 6	420	397	10

Triangular scrapers

- For processing curves and for deburring work
- Made of high-alloy tool steel
- Ground triangular working surfaces
- Blue dip-coated
- Ergonomic real wood handle
- Tip similar to DIN 8350, shape B



Art. No. 461 200 0



Shape of the working tip



Art. No.	EAN 4049002	Blade length mm	 mm	 mm	 g	
Triangular scrapers						
461 100 0	006784	100	10 mm	200	78	10
461 125 0	008412	125	10 mm	225	88	10
461 150 0	002939	150	10 mm	250	99	10
461 175 0	008429	175	10 mm	275	110	10
461 200 0	002946	200	10 mm	320	136	10

Triangular hollow-ground scrapers

- For working on three-dimensional contours or for deburring work
- Ideal for hard-to-reach areas
- Made of high-alloy tool steel
- Ground triangular working surfaces
- Blue dip-coated
- Ergonomic real wood handle
- Tip similar to DIN 8350, shape C



Art. No. 462 200 0



Shape of the working tip



Art. No.	EAN 4049002	Blade length mm	 mm	 mm	 g	
Triangular hollow-ground scrapers						
462 100 0	006791	100	14 mm	200	100	10
462 125 0	006951	125	14 mm	225	110	10
462 150 0	002977	150	14 mm	250	120	10
462 175 0	006968	175	14 mm	275	135	10
462 200 0	002984	200	16 mm	320	155	10
462 250 0	002991	250	16 mm	370	175	10
462 300 0	003004	300	16 mm	420	205	10

Scrapers

Precision mechanic's scraper

- For processing curves and for deburring work
- Ideal for hard-to-reach areas
- Made of high-alloy tool steel
- Ground triangular working surfaces
- Blue dip-coated
- Ergonomic real wood handle



Art. No. 466 175 0



Shape of the working tip



Art. No.	EAN	Blade length				
	4049002	mm		mm		
Precision mechanic's scraper						
466 175 0	021145	80	7 mm	170	32	10

PROFILIT precision mechanic's scraper

- For processing curves and for deburring work
- Working tip made from high-alloy tool steel
- Ground triangular working surfaces
- Compact design for hard-to-reach areas
- Ergonomic black plastic grip with protective cap



Art. No. 466 150 0



Shape of the working tip



Art. No.	EAN	Blade length				
	4049002	mm	mm	mm	g	
PROFILIT precision mechanic's scraper						
466 150 0	024504	25	8 mm	145	28	10

Scrapers

Triangular spoon scrapers

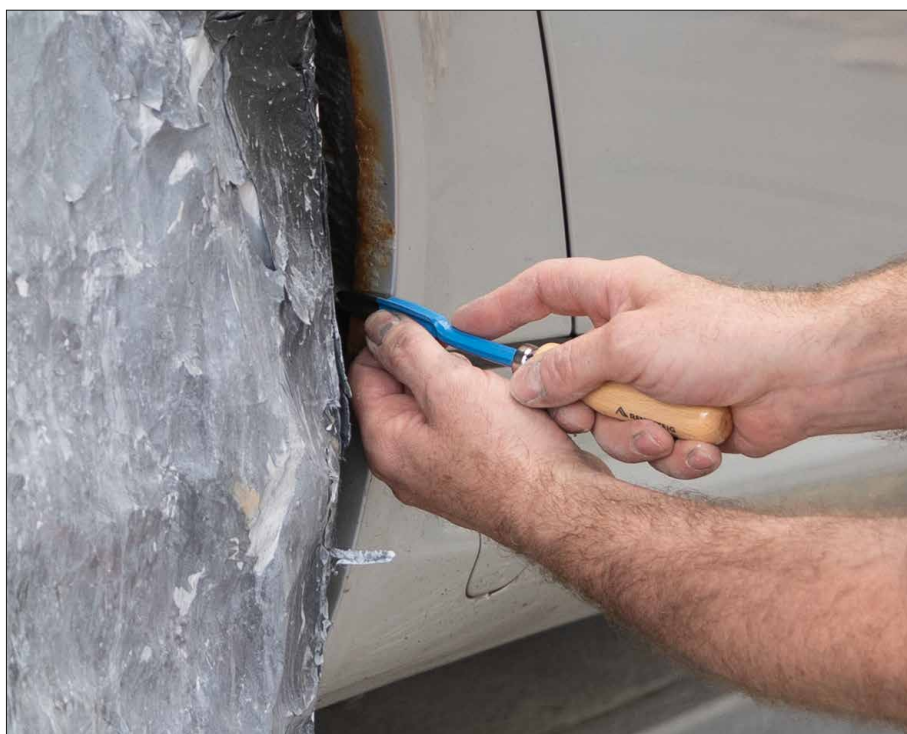
- For processing curves and for deburring work
- Made of high-alloy tool steel
- Forged tip with ground working surfaces
- Working tip sharpened
- Blue dip-coated
- Ergonomic real wood handle



Art. No. 464 200 0



Shape of the working tip



Art. No.	EAN 4049002	Blade length mm	 mm	 mm	 g	
Triangular spoon scrapers						
464 100 0	008443	100	8 mm	200	75	10
464 125 0	008450	125	8 mm	225	82	10
464 150 0	008467	150	8 mm	250	90	10
464 200 0	008474	200	10 mm	320	178	10
464 250 0	008481	250	10 mm	370	213	10
464 300 0	008498	300	10 mm	420	243	10

Spoon scrapers

- For processing curves and for deburring work
- Made of high-alloy tool steel
- Forged tip with ground working surfaces
- Blue dip-coated
- Ergonomic real wood handle



Art. No. 463 200 0



Shape of the working tip

Art. No.	EAN 4049002	Blade length mm	 mm	 mm	 g	
Spoon scrapers						
463 100 0	003011	100	8 mm	200	66	10
463 150 0	006975	150	8 mm	250	103	10
463 200 0	003028	200	8 mm	320	179	10
463 250 0	003035	250	10 mm	370	212	10
463 300 0	008436	300	10 mm	420	239	10

Seal scrapers

- For removing seals, silicone joints, etc.
- Made of high-alloy tool steel
- Extra-flat forged, ground blade
- Blue dip-coated
- Ergonomic real wood handle



Art. No. 463 260 09



Shape of the working tip



Art. No.	EAN 4049002	Blade length mm	 mm	 mm	 g	
Seal scrapers						
463 260 09	024511	150	24	270	161	10





Punching tools

Punching tools

**Manufacture
various seal sizes**



Art. No. 140 026 0



Conical cutting head, polished and blank, slightly conical on the inside to remove stamped out material



Cutting edge sharpened, hardened and tempered



Laser engraved

Wad Punches

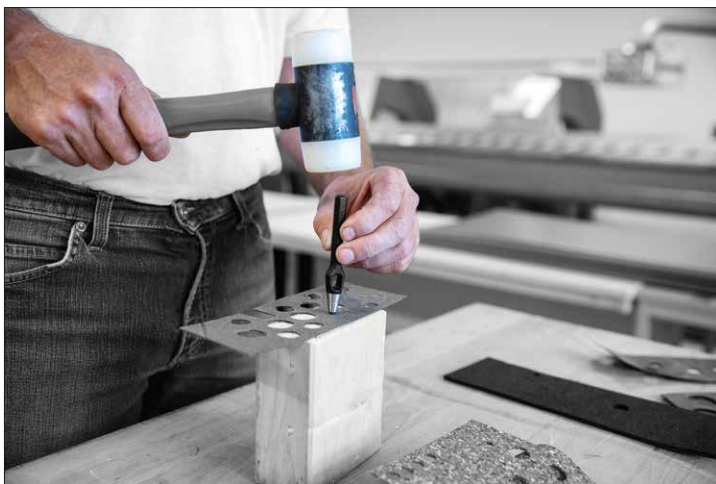
- For stamping out or producing gaskets and seal rings from materials such as rubber, leather, felt, plastic, cork, fabric or similar components
- Multi-layer wooden boards or polyamide boards should be used as a base impact support for stamping
- Made from special tool steel, forged
- Tool shape according to DIN 7200 A
- Black dip-coated



Art. No. 140 002 0



Art. No. 140 025 0



Art. No.	EAN 4049002	Hole dia. mm	Hole dia. Inch	↔ mm	⚖ g	📦
140 002 0	140020	2	1/16	100	42	10
140 003 0	140037	3	1/8	100	43	10
140 004 0	140044	4	5/32	100	44	10
140 005 0	140051	5	3/16	105	56	10
140 006 0	140068	6	1/4	105	57	10
140 007 0	140075	7	9/32	105	57	10
140 008 0	140082	8	5/16	115	81	10
140 009 0	140099	9	11/32	115	81	10
140 010 0	140105	10	3/8	115	80	10
140 011 0	140112	11	7/16	125	114	10
140 012 0	140129	12	15/32	125	114	10
140 013 0	140136	13	1/2	125	113	10
140 014 0	140143	14	9/16	135	157	10
140 015 0	140150	15		135	167	10
140 016 0	140167	16	5/8	135	157	10
140 017 0	140174	17		135	157	6
140 018 0	140181	18	11/16	140	195	6
140 019 0	140198	19	3/4	140	196	6
140 020 0	140204	20	25/32	140	192	6

Punching tools

Wad Punches

- Larger hole diameters on request



Art. No. 140 026 0



Art. No. 140 075 0

Art. No.	EAN 4049002	Hole dia. mm	Hole dia. Inch	↔ mm	⚖ g	📦
140 021 0	140211	21		160	270	6
140 022 0	140228	22	7/8	160	284	6
140 023 0	140235	23		160	276	6
140 024 0	140242	24	15/16	160	271	6
140 025 0	140259	25	1	165	380	6
140 026 0	140266	26		165	375	6
140 027 0	140273	27	1 1/16	165	376	3
140 028 0	140280	28	1 1/8	175	453	3
140 029 0	140297	29		175	433	3
140 030 0	140303	30		175	437	3
140 031 0	140310	31	1 3/16	175	502	3
140 032 0	140327	32	1 1/4	175	487	3
140 033 0	140334	33		175	488	3
140 034 0	140341	34		180	595	3
140 035 0	140358	35		180	590	3
140 036 0	140365	36	1 3/8	180	584	3
140 037 0	140372	37		180	574	3
140 038 0	140389	38	1 1/2	190	708	3
140 039 0	140396	39		190	705	3
140 040 0	140402	40		190	701	2
140 041 0	140419	41		205	1,090	2
140 042 0	140426	42	1 5/8	205	1,080	2
140 043 0	140433	43		205	999	2
140 044 0	140440	44		205	1,001	2
140 045 0	140457	45	1 3/4	205	1,035	2
140 046 0	140464	46		205	1,036	2
140 047 0	140471	47		215	1,034	2
140 048 0	140488	48	1 7/8	215	1,036	2
140 049 0	140495	49		215	1,032	2
140 050 0	140501	50	2	215	1,011	2
140 055 0	140556	55		220	1,230	1
140 060 0	140600	60		240	1,746	1
140 065 0	140655	65		240	1,673	1
140 070 0	140709	70	2 3/4	250	2,210	1
140 075 0	140754	75		255	2,320	1

Set of Wad Punches

- Art. no. 140 900 0, 9-piece, hole diameter 3-19 mm (increasing in steps of 2 mm)
- Art. no. 140 901 0, 19-piece, hole diameter 2-20 mm (increasing in steps of 1 mm)
- Art. no. 140 902 0, 15-piece, hole diameter 2-30 mm (increasing in steps of 2 mm)
- Black roll-up tool pouch made of hard-wearing polyester fabric with adjustable quick-release fasteners



Art. No. 140 900 0



Art. No. 140 901 0



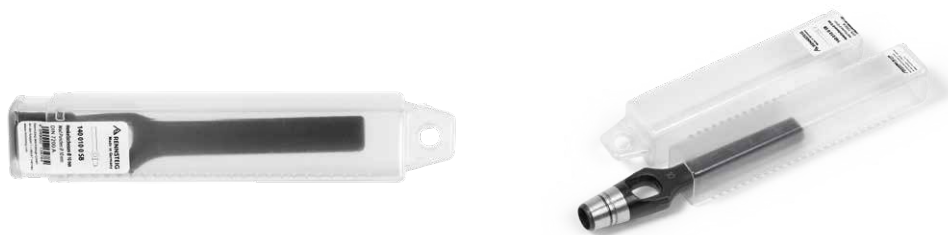
Art. No. 140 902 0

Art. No.	EAN 4049002	Contents	↔ mm	⚖ g	📦
140 900 0	111778	140 003 0 Wad Punches 140 005 0 Wad Punches 140 007 0 Wad Punches 140 009 0 Wad Punches 140 011 0 Wad Punches 140 013 0 Wad Punches 140 015 0 Wad Punches 140 017 0 Wad Punches 140 019 0 Wad Punches		1,031	1
140 901 0	111785	140 002 0 Wad Punches 140 003 0 Wad Punches 140 004 0 Wad Punches 140 005 0 Wad Punches 140 006 0 Wad Punches 140 007 0 Wad Punches 140 008 0 Wad Punches 140 009 0 Wad Punches 140 010 0 Wad Punches 140 011 0 Wad Punches 140 012 0 Wad Punches 140 013 0 Wad Punches 140 014 0 Wad Punches 140 015 0 Wad Punches 140 016 0 Wad Punches 140 017 0 Wad Punches 140 018 0 Wad Punches 140 019 0 Wad Punches 140 020 0 Wad Punches		2,204	1
140 902 0	111792	140 002 0 Wad Punches 140 004 0 Wad Punches 140 006 0 Wad Punches 140 008 0 Wad Punches 140 010 0 Wad Punches 140 012 0 Wad Punches 140 014 0 Wad Punches 140 016 0 Wad Punches 140 018 0 Wad Punches 140 020 0 Wad Punches 140 022 0 Wad Punches 140 024 0 Wad Punches 140 026 0 Wad Punches 140 028 0 Wad Punches 140 030 0 Wad Punches		3,059	1

Punching tools

Wad Punches

- Tools in storage box with option to hang up (self-service individual packaging)



Art. No. 140 010 0 SB

Art. No.	EAN 4049002	Hole dia. mm	Hole dia. Inch	↔ mm	⚖ g	
140 002 0 SB	134708	2	1/16	100	60	
140 003 0 SB	134715	3	1/8	100	60	
140 004 0 SB	134722	4	5/32	100	60	
140 005 0 SB	134739	5	3/16	105	60	
140 006 0 SB	134746	6	1/4	105	60	
140 007 0 SB	134753	7	9/32	105	60	
140 008 0 SB	134760	8	5/16	115	85	
140 009 0 SB	134777	9	11/32	115	85	
140 010 0 SB	134784	10	3/8	115	85	
140 011 0 SB	134791	11	7/16	125	160	
140 012 0 SB	134807	12	15/32	125	140	
140 013 0 SB	134814	13	1/2	125	120	
140 014 0 SB	134821	14	9/16	135	180	
140 015 0 SB	134838	15		135	180	
140 016 0 SB	134845	16	5/8	135	160	
140 017 0 SB	134852	17		135	160	
140 018 0 SB	134869	18	11/16	140	200	
140 019 0 SB	134876	19	3/4	140	200	
140 020 0 SB	134883	20	25/32	140	200	
140 021 0 SB	134890	21		160	300	
140 022 0 SB	134906	22	7/8	160	300	
140 023 0 SB	134913	23		160	300	
140 024 0 SB	134920	24	15/16	160	300	
140 025 0 SB	134937	25	1	165	420	
140 026 0 SB	134944	26		165	400	
140 027 0 SB	134951	27	1 1/16	165	400	
140 028 0 SB	134968	28	1 1/8	175	480	
140 029 0 SB	134975	29		175	480	
140 030 0 SB	134982	30		175	460	
140 031 0 SB	134999	31	1 3/16	175	560	
140 032 0 SB	135002	32	1 1/4	175	540	
140 033 0 SB	135019	33		175	520	
140 034 0 SB	135026	34		180	680	
140 035 0 SB	135033	35		180	660	

Wad Punches

Art. No.	EAN 4049002	Hole dia. mm	Hole dia. Inch	↔ mm	⚖ g	
140 036 0 SB	135040	36	1 3/8	180	640	
140 037 0 SB	135057	37		180	620	
140 038 0 SB	135064	38	1 1/2	190	760	
140 039 0 SB	135071	39		190	740	
140 040 0 SB	135088	40		190	720	
140 041 0 SB	135095	41		205	1,200	
140 042 0 SB	135101	42	1 5/8	205	1,150	
140 043 0 SB	135118	43		205	1,150	
140 044 0 SB	135125	44		205	1,150	
140 045 0 SB	135132	45	1 3/4	205	1,100	
140 046 0 SB	135149	46		205	1,100	
140 047 0 SB	135156	47		215	1,150	
140 048 0 SB	135163	48	1 7/8	215	1,150	
140 049 0 SB	135170	49		215	1,100	
140 050 0 SB	135187	50	2	215	1,100	

Revolving Punch Pliers

- For punching holes in paper, leather, textiles, plastic material
- Pliers body made from high-quality tool steel
- With 6 interchangeable hole punches Ø 2.0/2.5/3.0/3.5/4.0/5.0 mm
- With opening spring and pawl



Art. No. 103 220 2



Art. No. 104 220 4

Art. No.	EAN 4049002	Name	Capacity Ø mm	↔ mm	⚖ g	
103 220 2	000430	Revolving Punch Pliers powder coated	2 – 5	240		1
104 220 4	000447	Revolving Punch Pliers with plastic grips	2 – 5	240	320	1
105 220 4	006807	Revolving Punch Pliers with plastic grips on card	2 – 5	240	260	1





Pipe cutters / Notching pliers

Pipe cutters and Notching pliers

Right-angle cutting of hoses and pipes



Art. No. 502 1001 6



Universal support for perpendicular positioning



Cutting of liquid, multilayer and pneumatic hoses/tubes



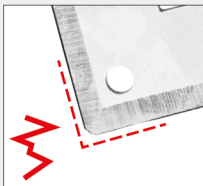
Replaceable blade

Tube and hose shears Perfect Cut

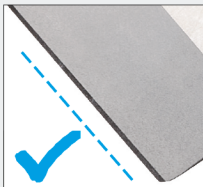
- Suitable for all standard liquid, multilayer and pneumatic hoses and tubing on the market
- Handles wide range of diameters from Ø 4 mm to 20 mm
- Opens automatically with spring mechanism
- Low manual force needed (< 100 N)
- Permanently sharp, high-quality blade with long service life, replaceable
- Ergonomic handle design



Art. No. 502 1001 6

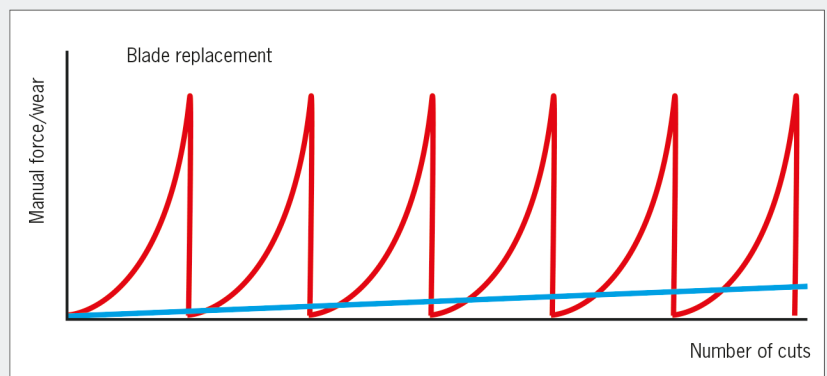


Comparable product



Perfect Cut

> 20,000 cuts through composite tube



Effect of wear on manual force required

Art. No.	EAN 4049002	Name	Capacity Ø mm	↔ mm	⚖ g	📦
502 1001 6	139857	Tube and hose shears Perfect Cut with rectangular blade	4 – 20	185	200	1
502 011 0 0	121043	Replacement triangular blade			25	1
502 021 0 0	007866	Replacement rectangular blade			25	1

Cutters for protective pipe and hose

- For cutting thin-walled plastic pipe (such as plastic protective outer pipe) and plastic and rubber hose, including fabric-reinforced, up to 25 mm outer diameter
- Not for cable cutting
- With opening spring and pawl
- Tool body: plastic, fibreglass-reinforced
- Blade of special tool steel, oil-hardened, replaceable



Art. No. 502 038 6



Art. No.	EAN 4049002	Name	Capacity Ø mm	↔ mm	⚖ g	📦
502 038 6	091933	Cutters for protective pipe and hose	25	185	200	1
502 038 0 0	091926	Spare blade			30	1

ECO Pipe Cutter for composite plastic pipe

- For precise right-angle cutting of aluminum composite and plastic pipes from 12 to 25 mm dia. (not suitable for cutting cable)
- Clean, smooth, burr-free cuts
- replaceable blades of special high-strength steel, oil-hardened and tempered
- Ergonomically designed glass-fibre reinforced plastic handles



Art. No. 502 037 6



Art. No. 502 033 6



Art. No.	EAN 4049002	Name	Capacity Ø mm	↔ mm	⚖ g	📦
502 037 6	091940	ECO Pipe Cutter for composite plastic pipe with rectangular blade	12–25	185	200	1
502 033 6	133992	ECO Pipe Cutter for composite plastic pipe with triangular blade	12–25	185	200	1
502 021 0 0	007866	Replacement rectangular blade			25	1
502 011 0 0	121043	Replacement triangular blade			25	1

Pipe cutters and Notching pliers

**Cut without deformation
or burrs**



Art. No. 502 026 6



Cutting protective outer pipe



Cutting aluminium compound pipe



Calibration and chamfering composite pipe ends

Pipe Cutter for composite and protective pipes

- Precise right-angle cutting of aluminum composite and plastic pipes from 12 to 26 mm diameter
- Clean, smooth, burr-free cuts
- Safe cutting of corrugated outer protective pipe without damaging the inner pipe
- Short cutting distances (90°) allow cutting of protective outer pipe when installed
- Option to install calibration arbour, e.g. for Geberit pipes of 11.5 and 15 mm diameter
- available with rectangular or triangular blade
- Replaceable blades
- Also available without outer pipe cutting attachment
- Ergonomically shaped two-component grip



Art. No. 502 026 6



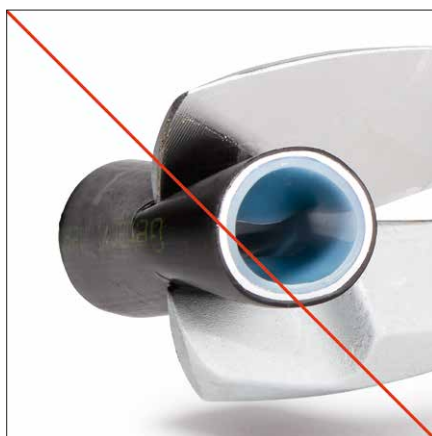
Art. No. 502 011 6



Art. No. 502 031 6



Cutting with the Rennsteig pipe cutter - a smooth precision cut that does not deform the pipe.



Cutting with conventional cutters - high effort, high deformation of the pipe

Art. No.	EAN 4049002	Name	Capacity Composite pipe Ø mm	Capacity Protective pipe Ø mm	↔ mm	⚖ g	📦
502 026 6	017513	Pipe Cutter for composite and protective pipes with rectangular blade, with calibration arbour	12–26	18–35	210	421	1
502 030 6	015908	Pipe Cutter for composite and protective pipes with rectangular blade, without calibration arbour	12–26	18–35	210	378	1
502 031 6	017520	Pipe Cutter for composite and protective pipes with rectangular blade, without calibration arbour, without protection pipe cutter	12–26		195	327	1
502 011 6	112669	Pipe Cutter for composite and protective pipes with triangular blade, without calibration arbour	12–26	18–35	210	378	1
502 021 0 0	007866	Replacement rectangular blade				25	1
502 011 0 0	121043	Replacement triangular blade				25	1
502 122 0 0	153358	Replacement blade block for protective pipe				7	1
502 023 3 0	007880	Calibration arbour for dia. 11.5 and 15 mm pipe				10	1

Pipe cutters and Notching pliers

Pipe cutter for composite/plastic pipes

- For cutting composite and plastic pipes up to $\varnothing$ 26 mm
- Freely rotating cutting wheel allows the pipe to be rotated with minimal friction when cutting
- Effortless penetration of the cutting wheel with minimal deformation of the pipe
- Up to 60 % less force required compared to pipe cutters with a fixed blade
- Also suitable for composite pipes with a thicker aluminium layer (such as Geberit Mepla)
- Wide plastic moulded supports allow perfectly right-angled cuts
- Allows for very short correction sections
- Ergonomically shaped two-component grip



Art. No. 502 1008 6



Straight and neat cuts without deformation.



Right-angle cutting of hoses and pipes

Art. No.	EAN 4049002	Name	Capacity Ø mm	↔ mm	⚖ g	📦
502 1008 6	070228	Pipe cutter for composite/plastic pipes	26	210	385	1
502 121 0 0	102448	Spare circular blade	26	64	28	1

Ratchet Pipe Cutter 40

- Burr-free cutting of aluminum composite and plastic pipes ranging from 26 to 40 mm diameter
- Precise vertical cut by automatic adaptation to pipe support
- One-hand operation using ratchet mechanism
- High safety standard
- Ergonomically shaped two-component grip



Art. No. 502 040 6



Automatic adjustment for the pipe diameter prevents idle strokes

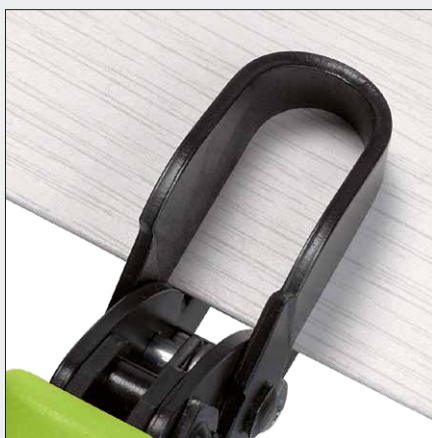
Art. No.	EAN 4049002	Name	Capacity Ø mm	↔ mm	⚖ g	📦
502 040 6	018374	Ratchet Pipe Cutter 40	26 – 40	210	566	1
502 040 0 0	022999	Spare blade			92	1

Pipe cutters and Notching pliers

Simple and precise notching



Art. No. 503 002 3



Notch profiles

Notching Pliers

- For notching plastic skirtings, cases and cable ducts for plumbing related and electric installation
- Easy shear-action draw cut
- Neat cut edges, precise cuts in rubber lips on skirtings
- Available with different cutting profiles and grip lengths
- Easy handling with automatic spring opening after notching
- Cutting head of special tool steel
- Black-oxide finish
- Ergonomically shaped two-component grip



Art. No. 503 002 3



Art. No. 503 102 3



Recesses in section material of expansion gaps

Art. No.	EAN 4049002	Name	Notching profile	Cutting width a in mm	Cutting depth b in mm	↔ mm	g	
503 002 3	013133	Notching pliers 16		16	32	190	377	1
503 001 3	013119	Notching pliers 20		20	29	185	395	1
503 003 3	015915	Notching pliers 26 With depth stop		26	15	180	412	1
503 102 3	017537	Notching pliers Special blade geometry for recesses in section material of expansion gaps		16	32	190	420	1
503 103 3	017544	Notching pliers Special blade geometry for recesses in section material of expansion gaps		26	26	180	420	1

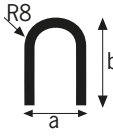
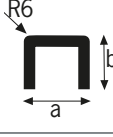
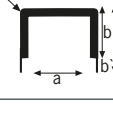
Notching Pliers

- For notching plastic skirtings, cases and cable ducts for plumbing related and electric installation
- Easy shear-action draw cut
- Neat cut edges, precise cuts in rubber lips on skirtings
- Available with different cutting profiles and grip lengths
- Easy handling with automatic spring opening after notching
- Cutting head of special tool steel
- Black-oxide finish



Art. No. 503 001 39



Art. No.	EAN 4049002	Name	Notching profile	Cutting width a in mm	Cutting depth b in mm	↔ mm	⚖ g	📦
503 002 39	016127	Notching pliers 16L		16	32	250	429	1
503 001 39	016110	Notching pliers 20L		20	29	245	439	1
503 003 39	016134	Notching pliers 26L With depth stop		26	15	240	420	1

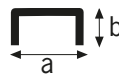
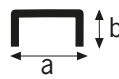
Notching Pliers for rubber gaskets

- For notching the rubber gaskets of glass facade panels
- Easy shear-action draw cut
- Neat cut edges, precise cuts
- Easy handling with automatic spring opening after notching
- Cutting head of special tool steel
- Black-oxide finish
- Ergonomically shaped two-component grip



Art. No. 503 022 3



Art. No.	EAN 4049002	Name	Notching profile	Cutting width a in mm	Cutting depth b in mm	↔ mm	⚖ g	📦
503 021 3	017551	Notching Pliers for rubber gaskets		51	15	200	625	1
503 022 3	017568	Notching Pliers for rubber gaskets		61	15	200	660	1

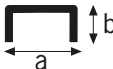
Notching Pliers for wiring ducts

- Special tool for breaking out middle ridges from wiring ducts
- Cutting length with one cut up to 80 mm
- Cutting width 24 mm
- Clean, burr-free cut down to duct floor
- Matrix with integrated ejector for cut segments



Art. No. 503 618 3



Art. No.	EAN 4049002	Name	Notching profile	Cutting width a in mm	Cutting depth b in mm	↔ mm	⚖ g	📦
503 618 3	026188	Notching Pliers for wiring ducts Cutting depth adjustable to max. 80 mm		24	80	260	700	1

Pelican Cutter

- For burr-free cutting of plastic panels, skirting and cable ducts
- Excellent cutting action – even at the shear tips
- Optimum lever action means uniform hand force required over entire cutting length
- Available in two designs with cutting lengths of 60 mm and 110 mm
- 110 mm cutter version available with positioner for bevel cuts



Art. No. 502 060 3



Art. No. 502 111 3



Art. No.	EAN 4049002	Name	Cutting length mm	↔ mm	⚖ g	📦
502 060 3	023361	Pelican Cutter	60	220	489	1
502 110 3	023378	Pelican Cutter	110	280	590	1
502 111 3	025358	Pelican Cutter with positioner for plates / trunks	110	280	767	1
502 060 0 0	023385	Spare blade	60		26	1
502 110 0 0	023392	Spare blade	110		43	1
502 111 0 0	026164	Spare Support	110		100	1





Pipe Wrenches

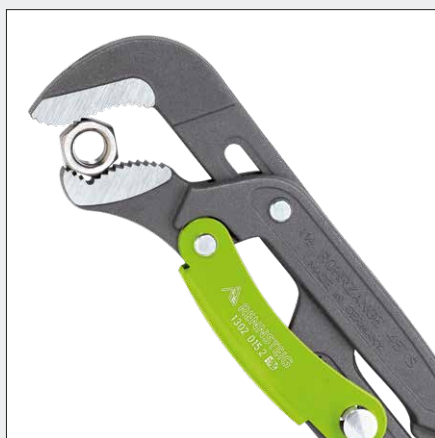
Pipe Wrenches

For a fast, precise, powerful grip

patented



Art. No. 1302 015 2



Adjusts for a perfect fit without removal from the workpiece



Quick and precise adjustment by pushbutton



Safe locking and gripping for the complete working range

Pipe Wrench, S-jaws with quick adjustment

- Time-saving, precise adjustment of the opening width at the touch of a button directly on the workpiece
- Made of chromium-vanadium steel, forged and hardened and tempered
- 45° angled „S“ jaws, shape C
- Teeth bright ground
- Teeth offset against the direction of rotation
- No unintentional misalignment of the shanks of the tool
- Pinch protection prevents crushing injuries
- Self-clamping even under maximum load
- High transmission of force due to fully hardened and tempered tool shanks
- High wear resistance due to additionally hardened teeth
- Two-tone powder-coated with plastic-coated grips



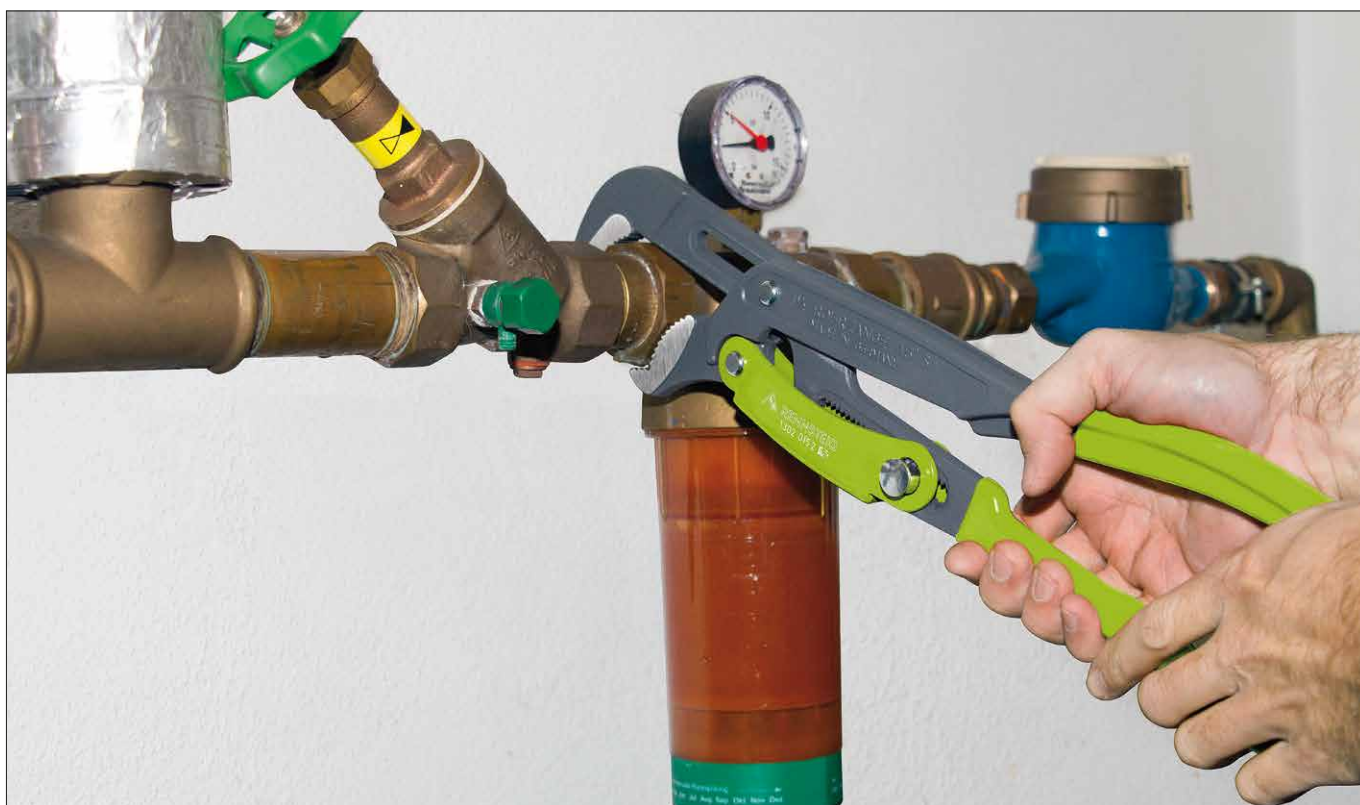
Art. No. 1302 010 2



Art. No. 1302 015 2



Art. No. 1302 020 2



Self-clamping mechanism for convenient handling

Art. No.	EAN 4049002	Size Inch	Grips	 mm	↔ mm	 g	 1	 DIN 5234
1302 010 2	099830	1	Plastic-coated grips	0-42	325	930	1	•
1302 015 2	099847	1 1/2	Plastic-coated grips	0-60	425	1,560	1	•
1302 020 2	104237	2	Plastic-coated grips	0-70	560	2,400	1	•

Pipe Wrenches

Offset Pipe Wrench, S-jaws

- Made of chromium-vanadium steel, forged and hardened and tempered
- 45° angled „S“ jaws, shape C
- Teeth bright ground
- Teeth offset against the direction of rotation
- Pinch protection prevents crushing injuries
- High transmission of force due to fully hardened and tempered tool shanks
- Self-clamping even under maximum load
- High wear resistance due to additionally hardened teeth
- Precise adjustment of the opening width with captive adjusting nut
- Two-tone powder-coated



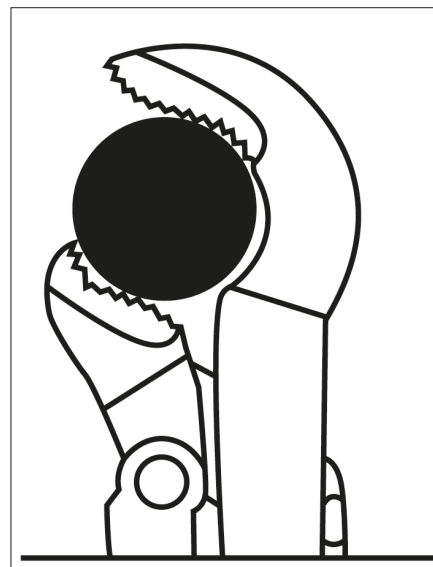
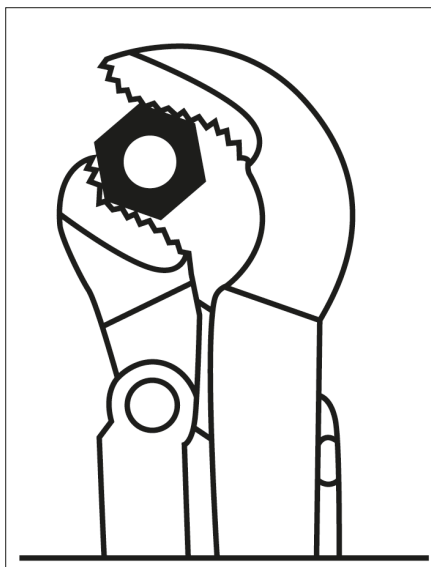
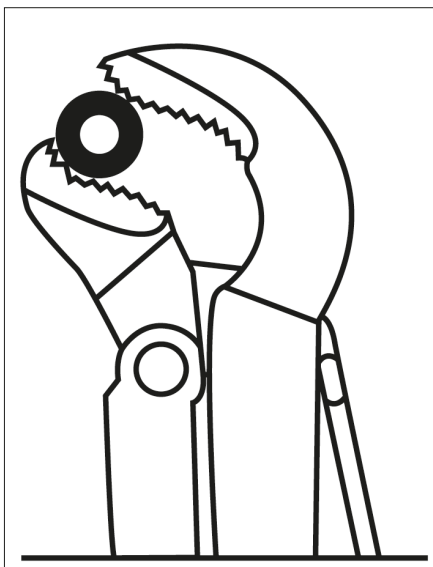
Art. No. 131 010 2



Art. No. 131 015 2



Art. No. 131 020 2



Art. No.	EAN 4049002	Size Inch	Grips	 mm	 mm	 g		 DIN 5234
131 005 2	000218	1/2		0-35	265	500	1	•
131 010 2	000232	1		0-42	315	871	1	•
131 015 2	000256	1 1/2		0-60	420	1,610	1	•
131 020 2	000270	2		0-70	530	2,770	1	•
131 030 2	000294	3		10-110	680	4,330	1	•

RENNSTEIG pipe wrenches with self-clamping effect

- Press the pliers onto the workpiece
- All you have to do is to apply force to the upper shank only
- There is no need to squeeze the grips tightly
- Release the pliers from the workpiece by gently pulling on the upper shank



From small to large gripping widths – RENNSTEIG pipe wrenches for a wide range of requirements

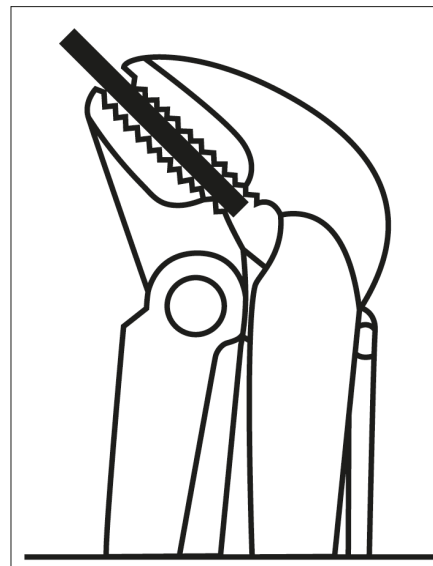
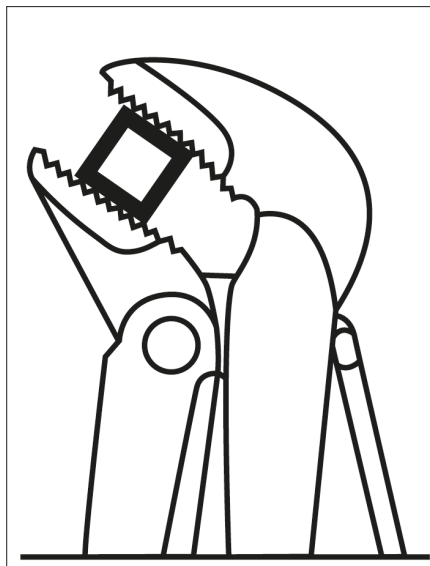
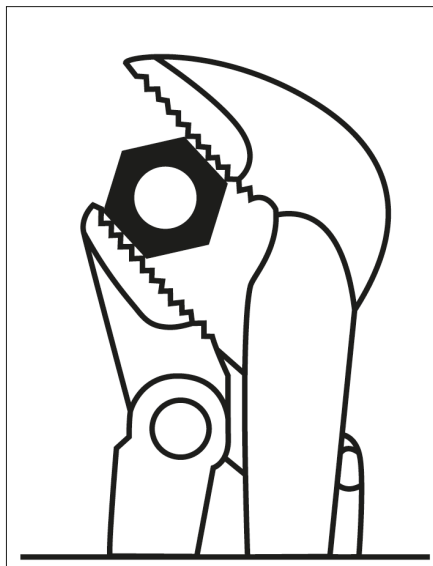
Pipe Wrenches

Offset Pipe Wrench, 45° jaws

- Made of chromium-vanadium steel, forged and hardened and tempered
- 45° angled jaws, shape B
- Teeth bright ground
- Teeth offset against the direction of rotation
- Pinch protection prevents crushing injuries
- High transmission of force due to fully hardened and tempered tool shanks
- Self-clamping even under maximum load
- High wear resistance due to additionally hardened teeth
- Precise adjustment of the opening width with captive adjusting nut
- Two-tone powder-coated



Art. No. 121 010 2



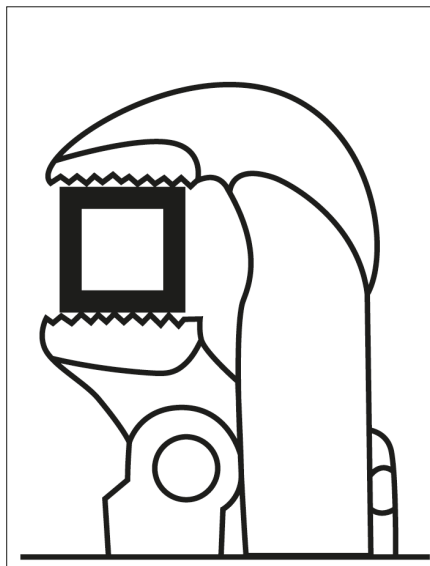
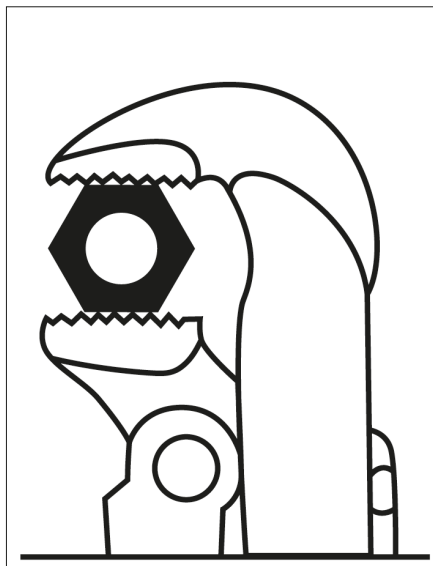
Art. No.	EAN 4049002	Size Inch	Grips	 mm	 mm	 g		 DIN 5234
121 005 2	000119	1/2		0-35	265	479	1	•
121 010 2	000133	1		0-42	310	843	1	•
121 015 2	000157	1 1/2		0-60	410	1,506	1	•
121 020 2	000171	2		0-70	570	2,634	1	•
121 030 2	000195	3		25-110	695	4,277	1	•

Pipe Wrench, 90° jaws

- Made of chromium-vanadium steel, forged and hardened and tempered
- 90° angled jaws, shape A
- Teeth bright ground
- Teeth offset against the direction of rotation
- Pinch protection prevents crushing injuries
- High transmission of force due to fully hardened and tempered tool shanks
- Self-clamping even under maximum load
- High wear resistance due to additionally hardened teeth
- Precise adjustment of the opening width with captive adjusting nut
- Two-tone powder-coated



Art. No. 111 010 2



Art. No.	EAN 4049002	Size Inch	Grips	 mm	 mm	 g		 DIN 5234
111 010 2	000010	1		0-42	305	829	1	•
111 015 2	000034	1 1/2		0-60	405	1,471	1	•
111 020 2	000058	2		0-70	560	2,610	1	•
111 030 2	000072	3		10-105	650	3,380	1	•
111 040 2	000096	4		10-130	750	4,920	1	•





Circlip Pliers

Circlip Pliers

**Safe and convenient
installation and removal
of circlips**



Art. No. 783 000 61



Interchangeable paired tips for internal and external
circlips



Automated operation



manually operable

Retaining Ring Tool SRW 1000

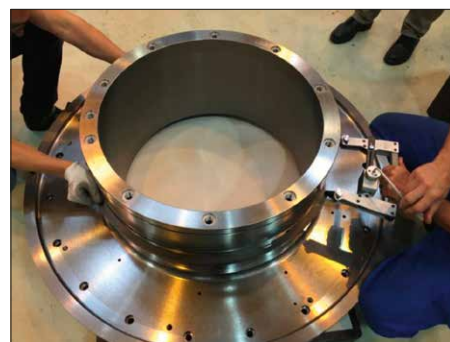
- Usable with any circlips from Ø 400-1000 mm
- Usable for any application where large shafts and bearings must transmit very high forces and torques
- Reliably opens, closes and holds rings thanks to a self-locking precision spindle action
- Holds rings securely thanks to short, direct-contact sockets
- High-strength, hardened and tempered tips
- Opening width up to 260 mm
- Can be operated with an Allen key, ratchet wrench or cordless screwdriver
- Interchangeable paired tips to cover different diameter ranges
- Different tip diameters on request



Art. No. 783 000 61



Supplied in a case including paired tips (6mm, 9mm), Allen key and bit



One tool for large internal and external circlips

Art. No.	EAN 4049002	Description	↔ mm	⚖ g	📦
783 000 61	091704	Retaining Ring Tool SRW 1000 in plastic case includes also paired tips dia. 6 and 9 mm, Allen key 6 mm, bit 6 1/4"	300	3,240	1
783 006 3 0	091711	Set of replacement tips, diameter 6 mm for rings up to 690 mm	60	181	1
783 009 3 0	091728	Set of replacement tips, diameter 9 mm for rings from 700 mm (DIN)	60	198	1

Circlip Pliers

Internal Circlip Pliers

- For fitting and removing circlips in bore holes
- For large circlips with Ø 122-400 mm
- Pliers body made from high-quality tool steel
- With ratchet function to lock the position of the pliers
- With releasable locking mechanism
- Slip-resistant, sturdy precision tips for internal circlips (bore holes)
- Interchangeable tips – hardened and tempered, galvanised
- Durable black powder coating



Art. No. 780 035 2



Art. No.	EAN 4049002	Name	Size	Tip Ø mm	Style	Bore Ø mm	↔ mm	⚖ g	📦
780 000	027079	Internal Circlip Pliers without tips					548	1,700	1
780 035 2	020711	Internal Circlip Pliers	I5	3.5		122 – 300	570	1,750	1
780 035 5 0	020735	spare tips	I5	3.5		122 – 300		70	1
780 045 2	020728	Internal Circlip Pliers	I6	4.5		252 – 400	580	1,420	1
780 045 5 0	020742	spare tips	I6	4.5		252 – 400		70	1
780 135 2	020759	Internal Circlip Pliers	I51	3.5		122 – 300	590	1,420	1
780 135 5 0	020773	spare tips	I51	3.5		122 – 300		70	1
780 145 2	020766	Internal Circlip Pliers	I61	4.5		252 – 400	595	1,420	1
780 145 5 0	020780	spare tips	I61	4.5		252 – 400		70	1

External Circlip Pliers

- For fitting and removing circlips on shafts
- For large circlips with Ø 122-400 mm
- Pliers body made from high-quality tool steel
- With ratchet function to lock the position of the pliers
- With releasable locking mechanism
- Slip-resistant, sturdy precision tips for external circlips (shafts)
- Interchangeable tips – hardened and tempered, galvanised
- Durable black powder coating



Art. No. 782 035 2



Art. No.	EAN 4049002	Name	Size	Tip Ø mm	Style	Shaft Ø mm	↔ mm	⚖ g	📦
782 000	027062	External Circlip Pliers without tips					540	1,700	1
782 035 2	020797	External Circlip Pliers	A5	3.5		122 – 300	560	1,420	1
782 035 5 0	020810	spare tips	A5	3.5		122 – 300		70	1
782 045 2	020803	External Circlip Pliers	A6	4.5		252 – 400	570	1,420	1
782 045 5 0	020827	spare tips	A6	4.5		252 – 400		70	1
782 135 2	020834	External Circlip Pliers	A51	3.5		122 – 300	580	1,420	1
782 135 5 0	020858	spare tips	A51	3.5		122 – 300		70	1
782 145 2	020841	External Circlip Pliers	A61	4.5		252 – 400	585	1,420	1
782 145 5 0	020865	spare tips	A61	4.5		252 – 400		70	1



 **RENNSTEIG**
Solutions for professionals.

QUALITY TOOLS – MADE IN GERMANY



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Norm





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Sales aids

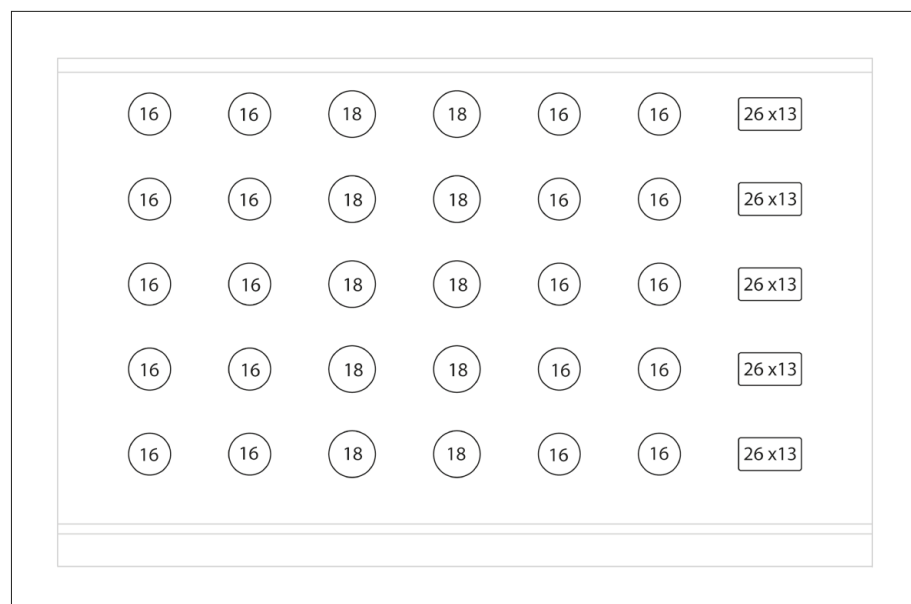
Sales aids

Sales displays

- Display no. 1 – for presenting chisels in sales areas
- Made of clear acrylic glass
- Can be fitted with a maximum 35 tools
- For tools made of octagonal material up to Ø 16 / 18 mm and flat-oval material up to 26 x 13 mm
- You will find a tooling example in the table below



Art. No. 429 101+429 101 1



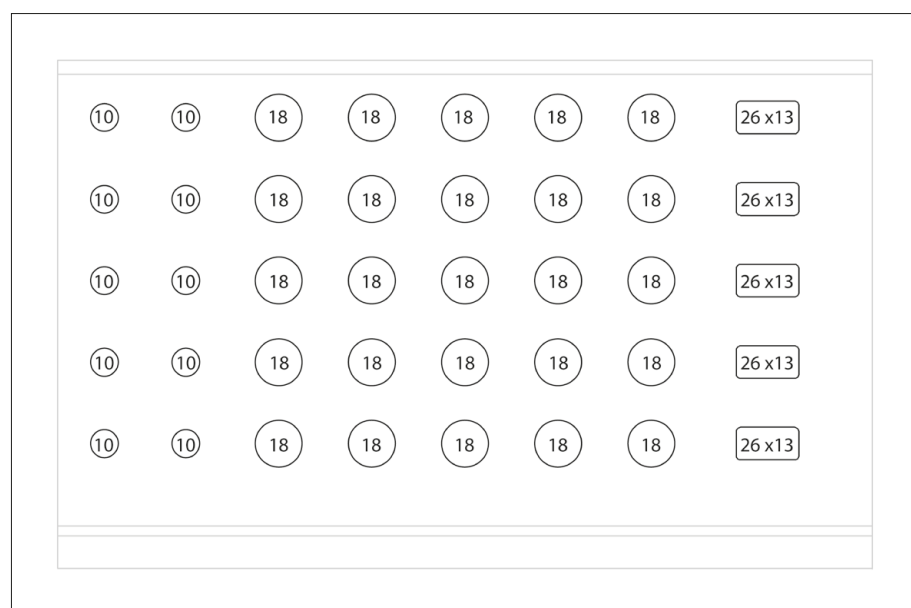
Art. No.	EAN 4049002	Description	↔ mm	⚖ g	📦
429 101	007996	Display No. 1, clear acrylic, empty	350	1,165	1
429 101 1	002281	Assortment for Display No. 1: 5 Masonry Chisels, 200 mm, Profile octagonal 16 mm, Art. No. 350 200 1 5 Masonry Chisels, 250 mm, Profile octagonal 16 mm, Art. No. 350 250 1 5 Masonry Chisels, 300 mm, Profile octagonal 18 mm, Art. No. 350 300 1 5 Pointed Chisels, 300 mm, Profile octagonal 18 mm, Art. No. 330 300 1 5 Pointed Chisels, 250 mm, Profile octagonal 16 mm, Art. No. 330 250 1 5 Pointed Chisels, 200 mm, Profile octagonal 16 mm, Art. No. 330 200 1 5 Jointing Chisels, 250 mm, Profile flat-oval 26 x 13 mm, Art. No. 385 060 1		16,000	1

Sales displays

- Display no. 4 – for presenting chisels in sales areas
- Made of clear acrylic glass
- Can be fitted with a maximum 40 tools
- For tools made of octagonal material up to Ø 10 / 16 / 18 mm and flat-oval material up to 26 x 13 mm
- You will find a tooling example in the table below



Art. No. 429 130+429 130 1



Art. No.	EAN 4049002	Description	↔ mm	⚖ g	📦
429 130	153891	Display No. 4 - clear acrylic glass, empty	350	1,165	1
429 130 1	153907	Assortment for Display No. 4: 5 Electrician's Chisels, 200 mm, Profile octagonal 10 mm, Art. No. 361 202 1 5 Electrician's Chisels, 250 mm, Profile octagonal 10 mm, Art. No. 361 252 1 5 Masonry Chisels, 250 mm, Profile octagonal 16 mm, Art. No. 350 250 1 5 Masonry Chisels, 300 mm, Profile octagonal 16 mm, Art. No. 350 300 19 5 Masonry Chisels, 350 mm, Profile octagonal 18 mm, Art. No. 350 350 1 5 Pointed Chisels, 300 mm, Profile octagonal 16 mm, Art. No. 330 300 19 5 Pointed Chisels, 250 mm, Profile octagonal 16 mm, Art. No. 330 250 1 5 Jointing Chisels, 250 mm, Profile flat-oval 26 x 13 mm, Art. No. 385 070 1		33,800	1

Sales aids

Sales displays

- Display no. 2 – for presenting tools for construction, assembly and the skilled trades in sales areas
- Made of clear acrylic glass
- Can be fitted with a maximum 90 tools
- For tools made of octagonal material and flat-oval material (for maximum dimensions see graphic)
- You will find a tooling example in the table below



Art. No. 429 201+429 201 0

16	10	10	23x13	23x13	23x13	23x13	20x12	26x13	10	10	10	10	10	10	10	10	10
16	10	10	23x13	23x13	23x13	23x13	20x12	26x13	10	10	10	10	10	10	10	10	10
16	10	10	23x13	23x13	23x13	23x13	20x12	26x13	10	10	10	10	10	10	10	10	10
16	10	10	23x13	23x13	23x13	23x13	20x12	26x13	10	10	10	10	10	10	10	10	10
16	10	10	23x13	23x13	23x13	23x13	20x12	26x13	10	10	10	10	10	10	10	10	10

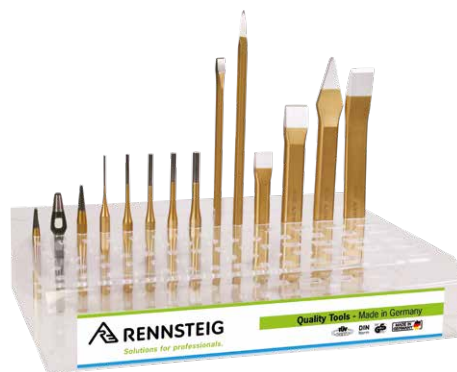
Art. No.	EAN 4049002	Description	↔ mm	⚖ g	📦
429 201	008009	Display No. 2, clear acrylic, empty	600	2,000	1
429 201 0	002298	Assortment for Display No. 2: 5 Pointed Chisels, 250 mm, Profile octagonal 16 mm, Art. No. 330 250 0 5 Electrician's Chisels, 200 mm, Profile octagonal 10 mm, Art. No. 361 202 0 5 Electrician's Chisels, 250 mm, Profile octagonal 10 mm, Art. No. 361 252 0 5 Flat Cold Chisels, 200 mm, Profile flat-oval 23 x 13 mm, Art. No. 310 200 0 5 Flat Cold Chisels, 250 mm, Profile flat-oval 23 x 13 mm, Art. No. 310 250 0 5 Flat Cold Chisels, 300 mm, Profile flat-oval 23 x 13 mm, Art. No. 310 300 0 5 Crosscut Chisel, 250 mm, Profile flat-oval 23 x 13 mm, Art. No. 320 250 0 5 Crosscut Chisel, 200 mm, Profile flat-oval 20 x 12 mm, Art. No. 320 200 0 5 Jointing Chisels, 250 mm, Profile flat-oval 26 x 13 mm, Art. No. 385 060 0 5 Parallel Pin Punches, 150 mm, Profile octagonal 10 mm, Ø Tip 2 mm, Art. No. 450 002 0 5 Parallel Pin Punches, 150 mm, Profile octagonal 10 mm, Ø Tip 3 mm, Art. No. 450 003 0 5 Parallel Pin Punches, 150 mm, Profile octagonal 10 mm, Ø Tip 4 mm, Art. No. 450 004 0 5 Parallel Pin Punches, 150 mm, Profile octagonal 10 mm, Ø Tip 5 mm, Art. No. 450 005 0 5 Taper Punches, 120 mm, Profile octagonal 10 mm, Ø Tip 2 mm, Art. No. 440 002 0 5 Taper Punches, 120 mm, Profile octagonal 10 mm, Ø Tip 3 mm, Art. No. 440 003 0 5 Taper Punches, 120 mm, Profile octagonal 10 mm, Ø Tip 4 mm, Art. No. 440 004 0 5 Taper Punches, 120 mm, Profile octagonal 10 mm, Ø Tip 5 mm, Art. No. 440 005 0 5 Centre Punches, 120 mm, Profile octagonal 10 mm, Ø Tip 4 mm, Art. No. 430 120 0		20,560	1

Sales displays

- Display no. 3 – for presenting tools for industry and the skilled trades in sales areas
- Made of clear acrylic glass
- Can be fitted with a maximum 84 tools
- For tools made of octagonal material and flat-oval material (for maximum dimensions see graphic)
- Can also be supplemented with tool sets in a plastic holder
- You will find a tooling example in the table below



Art. No. 429 110+429 110 0



Art. No. 419 110 with customised content

8	10	10	10	10	10	10	12	8	10	17x11	23x13	23x13	26x7
8	10	10	10	10	10	10	12	8	10	17x11	23x13	23x13	26x7
8	10	10	10	10	10	10	12	8	10	17x11	23x13	23x13	26x7
8	10	10	10	10	10	10	12	8	10	17x11	23x13	23x13	26x7
8	10	10	10	10	10	10	12	8	10	17x11	23x13	23x13	26x7
8	10	10	10	10	10	10	12	8	10	17x11	23x13	23x13	26x7

Art. No.	EAN 4049002	Description	↔ mm	⚖ g	📦
429 110	028977	Display No. 3, clear acrylic, empty	400	1,500	1
429 110 0	028984	Assortment for Display No. 3: 6 Centre Punches, 100 mm, Profile octagonal 8 mm, Ø Tip 3 mm, Art. No. 430 100 0 6 Centre Punches, 120 mm, Profile octagonal 10 mm, Ø Tip 4 mm, Art. No. 430 120 0 6 Parallel Pin Punches, 150 mm, Profile octagonal 10 mm, Ø Tip 2 mm, Art. No. 450 002 0 6 Parallel Pin Punches, 150 mm, Profile octagonal 10 mm, Ø Tip 3 mm, Art. No. 450 003 0 6 Parallel Pin Punches, 150 mm, Profile octagonal 10 mm, Ø Tip 4 mm, Art. No. 450 004 0 6 Parallel Pin Punches, 150 mm, Profile octagonal 10 mm, Ø Tip 5 mm, Art. No. 450 005 0 6 Parallel Pin Punches, 150 mm, Profile octagonal 10 mm, Ø Tip 6 mm, Art. No. 450 006 0 6 Parallel Pin Punches, 150 mm, Profile octagonal 12 mm, Ø Tip 8 mm, Art. No. 450 008 0 6 Electrician's Chisels, 250 mm, Profile octagonal 8 mm, Art. No. 360 252 0 6 Electrician's Chisels, 250 mm, Profile octagonal 10 mm, Art. No. 361 252 0 6 Flat Cold Chisels, 150 mm, Profile flat-oval 17 x 11 mm, Art. No. 310 150 0 6 Flat Cold Chisels, 200 mm, Profile flat-oval 23 x 13 mm, Art. No. 310 200 0 6 Flat Cold Chisels, 250 mm, Profile flat-oval 23 x 13 mm, Art. No. 310 250 0 6 Slitting Chisels, 240 mm, Profile flat-oval 26 x 7 mm, Art. No. 380 240 0 1 Taper punch set in plastic holder, Art. No. 424 120 0 1 Tool set in plastic holder, Art. No. 421 000 0 3 Parallel pin punch set in plastic holder, Art. No. 425 170 0		16,120	1

Index Article Number

103 220 2	113	140 036 0	110	212 25000 SB	68	312 125 0	51	340 300 1 SB	36	361 305 0	44
104 220 4	113	140 036 0 SB	113	212 25001	67	312 125 0 SB	51	340 350 0	35	361 305 0 SB	44
105 220 4	113	140 037 0	110	212 25001 SB	68	312 125 1	51	340 350 0 SB	36	361 305 1	44
111 010 2	137	140 037 0 SB	113	212 25002	67	312 125 1 SB	51	340 350 1	35	361 305 1 SB	44
111 015 2	137	140 038 0	110	212 25003	67	312 150 0	51	340 350 1 SB	36	361 306 0	44
111 020 2	137	140 038 0 SB	113	212 25003 SB	68	312 150 0 SB	51	340 400 0	35	361 306 1	44
111 030 2	137	140 039 0	110	212 25005	67	312 150 1	51	340 400 0 SB	36	362 202 0	42
111 040 2	137	140 039 0 SB	113	212 25005 SB	68	312 150 1 SB	51	340 400 1	35	362 202 1	42
121 005 2	136	140 040 0	110	212 25009	67	320 100 0	52	340 400 1 SB	36	362 202 1 SB	43
121 010 2	136	140 040 0 SB	113	212 25009 SB	68	320 100 0 SB	53	340 500 0	35	362 252 0	42
121 015 2	136	140 041 0	110	212 25014	67	320 100 1	52	340 500 0 SB	36	362 252 0 SB	43
121 020 2	136	140 041 0 SB	113	212 25014 SB	68	320 100 1 SB	53	340 500 1	35	362 252 1	42
121 030 2	136	140 042 0	110	212 25015	67	320 125 0	52	340 500 1 SB	36	362 252 1 SB	43
1302 010 2	133	140 042 0 SB	113	212 25020	67	320 125 0 SB	53	340 600 2	35	362 302 0	42
1302 015 2	133	140 043 0	110	212 25020 SB	68	320 125 1	52	341 300 0	35	362 302 0 SB	43
1302 020 2	133	140 043 0 SB	113	212 25021	67	320 125 1 SB	53	341 300 1	35	362 302 1	42
131 005 2	134	140 044 0	110	212 25021 SB	68	320 150 0	52	341 350 0	35	362 302 1 SB	43
131 010 2	134	140 044 0 SB	113	271 1000 2	83	320 150 0 SB	53	341 350 1	35	366 250 0	45
131 015 2	134	140 045 0	110	271 400 2	83	320 150 1	52	350 200 0	37	366 250 1	45
131 020 2	134	140 045 0 SB	113	271 500 2	83	320 150 1 SB	53	350 200 0 SB	38	367 250 0	45
131 030 2	134	140 046 0	110	271 600 2	83	320 175 0	52	350 200 1	37	367 250 1	45
140 002 0	109	140 046 0 SB	113	271 700 2	83	320 175 0 SB	53	350 200 1 SB	38	370 100 0	46
140 002 0 SB	112	140 047 0	110	271 800 2	83	320 175 1	52	350 250 0	37	370 100 0 SB	46
140 003 0	109	140 047 0 SB	113	2722 270 2	84	320 175 1 SB	53	350 250 0 SB	38	370 100 1	46
140 003 0 SB	112	140 048 0	110	273 400 2	84	320 200 0	52	350 250 1	37	370 100 1 SB	46
140 004 0	109	140 048 0 SB	113	273 500 2	84	320 200 1	52	350 250 1 SB	38	370 125 0	46
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140 007 0	109	140 060 0	110	276 400 2	82	320 300 0	52	350 300 1 SB	38	371 100 1	46
140 007 0 SB	112	140 065 0	110	276 500 2	82	320 300 0 SB	53	350 300 19	37	371 100 1 SB	46
140 008 0	109	140 070 0	110	276 600 2	82	320 300 1	52	350 350 0	37	371 125 0	46
140 008 0 SB	112	140 075 0	110	276 800 2	82	321 250 0	52	350 350 1	37	371 125 0 SB	46
140 009 0	109	140 900 0	111	278 010 2	94	321 250 1	52	350 350 1 SB	38	371 125 1	46
140 009 0 SB	112	140 901 0	111	278 012 2	94	321 300 0	52	350 400 0	38	371 125 1 SB	46
140 010 0	109	140 902 0	111	278 014 2	94	321 300 1	52	350 400 0 SB	38	380 240 0	48
140 010 0 SB	112	210 00090	73	278 016 2	94	322 125 0	53	350 400 09	38	380 240 0 SB	48
140 011 0	109	210 00091	73	278 020 2	94	322 125 0 SB	53	350 400 1	38	380 240 1	48
140 011 0 SB	112	210 18511	73	278 026 2	94	322 125 1	53	350 400 1 SB	38	380 240 1 SB	48
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140 014 0	109	210 30004	70	310 100 1 SB	51	330 200 1 SB	41	350 600 2	38	380 241 1 SB	49
140 014 0 SB	112	210 30004 SB	72	310 125 0	50	330 250 0	40	350 800 2	38	381 240 0	48
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140 015 0 SB	112	210 30005 SB	72	310 125 1	50	330 250 1	40	351 250 1	37	381 241 0	49
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140 018 0	109	210 30015	70	310 150 1 SB	51	330 300 09 SB	41	352 1000 2	38	382 300 1	47
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140 019 0	109	210 30017	70	310 175 0 SB	51	330 300 1 SB	41	360 202 0 SB	43	383 300 1	47
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140 022 0	110	210 35008	70	310 200 1 SB	51	330 400 0	40	360 252 1 SB	43	385 060 1	39
140 022 0 SB	112	210 35008 SB	72	310 250 0	50	330 400 0 SB	41	360 302 0	42	385 060 1 SB	39
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140 025 0	110	210 40001	71	310 300 0 SB	51	330 500 0	40	361 202 1	42	385 080 1	39
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140 035 0 SB	112	212 25000	67	311 350 1	50	340 300 1	35	361 303 1	42	395 120	31

Index Article Number

395 121	31	441 002 0	25	450 010 0	19	464 150 0	104	782 145 2	143
395 122	31	441 002 0 SB	25	450 010 0 SB	20	464 200 0	104	782 145 5 0	143
421 000 0	60	441 003 0	25	450 025 0	19	464 250 0	104	783 000 61	141
421 001 0	60	441 003 0 SB	25	450 025 0 SB	20	464 300 0	104	783 006 3 0	141
421 002 0	60	441 004 0	25	450 035 0	19	465 020 0	99	783 009 3 0	141
421 010 0 UES	59	441 004 0 SB	25	450 035 0 SB	20	465 020 0 0	99		
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421 102 0	60	441 006 0	25	450 102 0	19	465 030 0	99		
424 120 0	26	441 006 0 SB	25	450 103 0	19	465 030 0 0	99		
424 130 0	26	441 007 0	25	450 104 0	19	465 115 1	100		
424 140 0	26	441 007 0 SB	25	450 105 0	19	465 120 1	100		
424 142 0	26	441 008 0	25	450 106 0	19	465 125 1	100		
425 150 0	21	441 008 0 SB	25	450 108 09	19	465 130 1	100		
425 152 0	21	441 009 0	25	451 010 0	19	466 150 0	103		
425 153 0	23	441 009 0 SB	25	451 012 0	19	466 175 0	102		
425 154 0	23	441 010 0	25	451 014 0	19	470 001 3	92		
425 160 0	21	441 010 0 SB	25	451 104 0	19	470 002 3	92		
425 170 0	21	443 009 0	25	451 104 0 SB	20	470 003 3	92		
425 500 6	21	443 009 0 SB	25	451 105 0	19	470 004 3	92		
425 500 6 RC	21	443 010 0	25	451 105 0 SB	20	470 005 3	92		
425 502 6	21	443 010 0 SB	25	451 106 0	19	470 006 3	92		
425 530 6	21	444 103 0	25	451 106 0 SB	20	470 007 3	92		
425 530 6 RC	21	444 108 0	25	451 108 0	19	470 008 3	92		
425 560 6	21	444 109 0	25	451 108 0 SB	20	470 900 3	93		
425 560 6 RC	21	444 110 0	25	451 110 0	19	470 901 3	93		
429 101	146	444 112 0	25	451 110 0 SB	20	470 902 3	93		
429 101 1	146	445 002 0	28	451 308 0	23	471 001 3	90		
429 110	149	445 003 0	28	451 310 0	23	471 002 3	90		
429 110 0	149	445 004 0	28	451 312 0	23	471 003 3	90		
429 130	147	445 005 0	28	451 314 0	23	471 004 3	90		
429 130 1	147	445 006 0	28	451 316 0	23	471 005 3	90		
429 201	148	445 007 0	28	452 002 6	18	471 006 3	90		
429 201 0	148	445 008 0	28	452 003 6	18	471 007 3	90		
430 100 0	15	445 009 0	28	452 003 6 RC	18	471 900 3	91		
430 100 0 SB	15	445 010 0	28	452 004 6	18	471 901 3	91		
430 120 0	15	445 100 0	28	452 004 6 RC	18	471 903 3	91		
430 120 0 SB	15	445 135 5	27	452 005 6	18	471 904 3	91		
430 121 0	14	445 136 5	27	452 005 6 RC	18	471 906 3	91		
430 122 0	15	446 002 0	29	452 006 6	18	502 011 0 0	117		
430 129	11	446 003 0	29	452 006 6 RC	18	502 011 6	121		
430 130	11	446 004 0	29	452 008 6	18	502 021 0 0	117		
430 131	11	446 005 0	29	452 008 6 RC	18	502 023 3 0	121		
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430 141 00	13	446 009 0	29	452 103 6	18	502 033 6	119		
430 142	13	446 010 0	29	452 104 6	18	502 037 6	119		
430 142 00	13	446 100 0	29	452 105 6	18	502 038 0 0	118		
430 143	14	448 001 0	30	452 106 6	18	502 038 6	118		
430 229	11	448 002 0	30	455 170 5	27	502 040 0 0	123		
430 230	11	448 003 0	30	455 170-1 5	27	502 040 6	123		
430 231	11	448 004 0	30	455 171 5	27	502 060 0 0	129		
431 120 0	15	448 005 0	30	457 009 5	22	502 060 3	129		
431 120 0 SB	15	448 006 0	30	457 014 5	22	502 1001 6	117		
431 152 0	15	448 007 0	30	457 018 5	22	502 1008 6	122		
432 120 0	15	448 008 0	30	457 024 5	22	502 110 0 0	129		
432 120 0 SB	15	448 009 0	30	457 028 5	22	502 110 3	129		
433 150 0	15	448 010 0	30	457 034 5	22	502 111 0 0	129		
433 150 0 SB	15	448 031 0	30	457 039 5	22	502 111 3	129		
434 131 0	14	448 032 0	30	457 059 5	22	502 121 0 0	122		
434 150 0	15	448 033 0	30	457 100 5	22	502 122 0 0	121		
434 150 0 SB	15	448 034 0	30	457 102 5	22	503 001 3	125		
435 150 0	15	448 035 0	30	460 100 0	100	503 001 39	126		
435 150 0 SB	15	448 036 0	30	460 150 0	100	503 002 3	125		
439 129	11	448 037 0	30	460 175 0	100	503 002 39	126		
439 130	11	448 038 0	30	460 200 0	100	503 003 3	125		
439 131	11	448 039 0	30	460 250 0	100	503 003 39	126		
440 001 0	24	448 040 0	30	460 300 0	100	503 021 3	127		
440 001 0 SB	24	448 041 0	30	461 100 0	101	503 022 3	127		
440 002 0	24	448 042 0	30	461 125 0	101	503 102 3	125		
440 002 0 SB	24	449 250 2	95	461 150 0	101	503 103 3	125		
440 003 0	24	449 500 1	95	461 175 0	101	503 618 3	128		
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441 001 0 SB	25	450 009 0 SB	20	464 125 0	104	782 135 5 0	143		



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 **RENNSTEIG**
Solutions for professionals.

Bestsellers for Construction and Industry

Quality Tools

available ex stock KNIPEX



RENNSTEIG – Company

Rennsteig Werkzeuge GmbH is a traditional German company based in southern Thuringia.

Since 1991, RENNSTEIG has been an independent subsidiary of the prestigious KNIPEX-Werk C. Gustav Putsch KG in Wuppertal.

A wide variety of high-quality tools are manufactured at two facilities in Steinbach-Hallenberg and one plant in Zella-Mehlis.

The company currently employs a team of around 400 people. It has a very high level of vertical integration and processes over 2000 tonnes of mostly high-alloy tool steels every year.

Modern industrial production processes enable consistent product quality at the highest level.



RENNSTEIG – Tool solutions

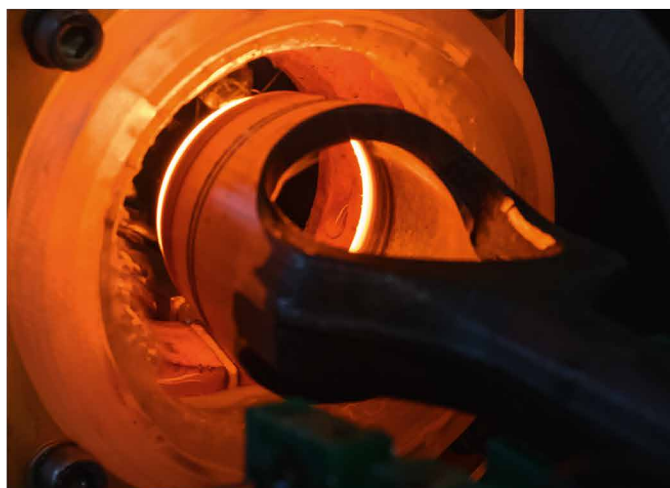
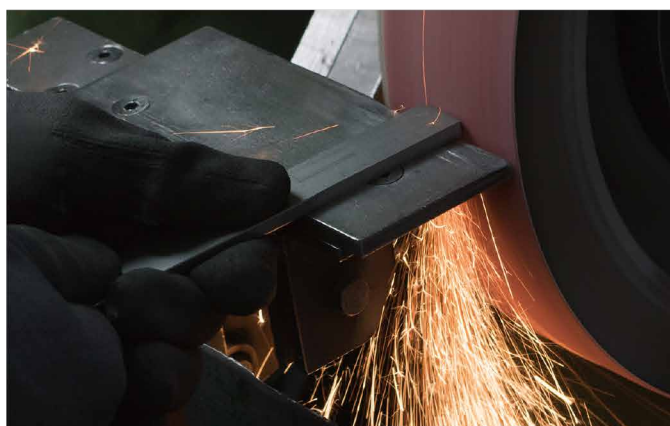
Some RENNSTEIG products are ideal for professionals to use in conjunction with KNIPEX products.

This catalogue offers KNIPEX customers the opportunity to check out this product range for themselves. These are a selection of best-selling RENNSTEIG products that can be easily ordered using the KNIPEX supplier number and warehouse.

In the likelihood of using a wider product assortment, it is also possible to access the full RENNSTEIG range.

Orders can then also be placed directly with Rennsteig Werkzeuge GmbH:

www.rennsteig.com



New RENNSTEIG POS presentation

We have developed a new POS concept for our Construction and Industry product line to showcase our tools in the best possible way for users in specialist trade and DIY stores.

The new concept offers you a variety of ways to present our RENNSTEIG range in an attractive and well-organised manner.

The key elements of the new product presentation include Tego walls, guide cards, assortment and product segmentation panels and sales displays. These sales aids can be flexibly adapted to the individual needs of your sales spaces and are quick and easy to set up.

The new RENNSTEIG POS concept is now available for retailers and distribution partners.

Would you like to use our new POS concept in your sales premises?

Get in touch with us. We'll be happy to advise you

Your benefits at a glance



Quick and easy setup with the Tego system and magnetic signs



Attractive product presentation tailored to your sales space

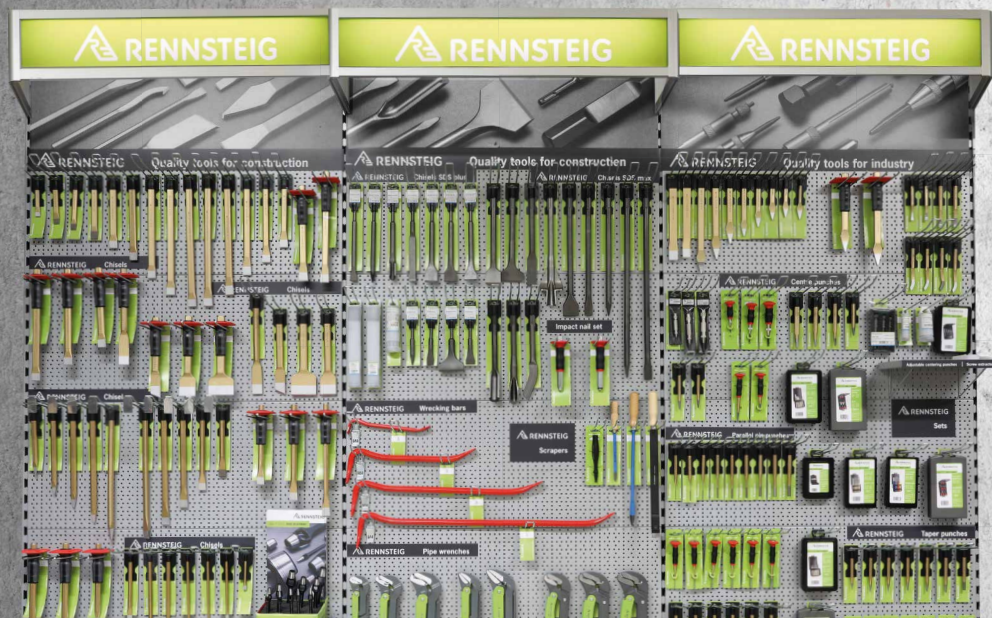


All POS materials included*

* Assortment panels, product segmentation panels, hooks and guide cards



All articles with the suffix "SB" are suitable for hanging.



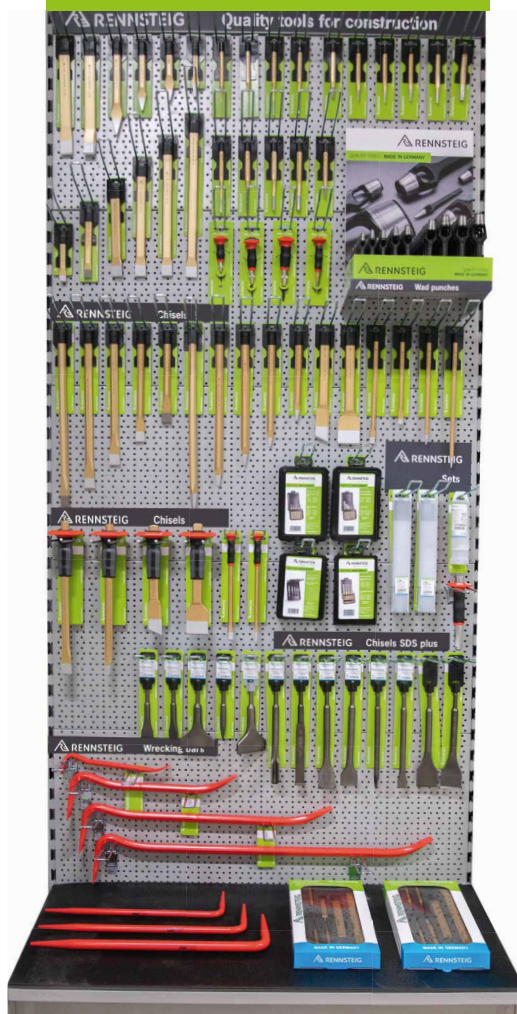
Several Counter displays

POS options for every store size

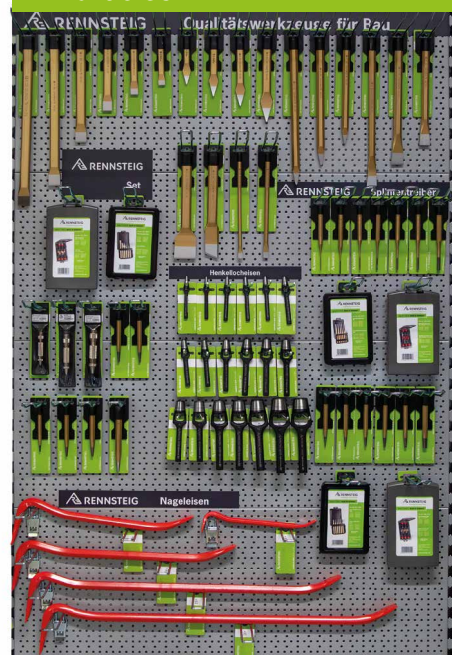
POS wall 1.00 m x 0.40 m
12 articles



POS wall 1.00 m x 2.00 m
85 articles



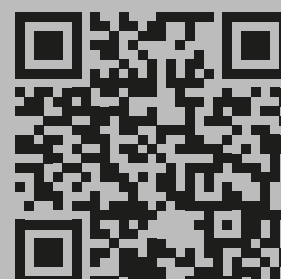
POS wall 1.00 m x 1.60 m
72 articles



for wad punches



for striking tools





Contents

Striking tools	8
Chisels	22
Shank chisels	34
Wrecking Bars	38
Disassembly tools	42
Punching tools	44
Scrapers	46
Sales aids	48
Index Article Number	55

Gross price list,
plus VAT at the rate ruling at time of supply.
Price per piece. The price list is valid until 31.03.2027.

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Subject to model modifications and technical changes. Illustrations, dimensions and weights are just approximate.
No liability is assumed for misprints or errors.

Striking tools

Precise centre-punching with
adjustable striking force



Art. No. 9R 430 231 / 430 230 / 430 229



2-components-handguard



Adjustable striking force



Replaceable, hardened pin

Automatic Centre Punch

- For preparing and precisely marking a drill point to prevent the drill tip from drifting
- Triggered automatically by a special spring mechanism
- Versatile tool even in confined spaces, since no hammering is required
- Available in 3 different sizes, with a striking force that is adjustable from 20 to 250 N
- Version with 2-component grips or knurled gripping surface
- Made of special tool steel, galvanised surface
- Supplied with euro slot hanger for presentation on self-service displays



YouTube



Art. No. 9R 430 230



Art. No. 9R 430 130



The punch's striking force increases with its size. We therefore recommend to select the size according to the given application for dot marking on steel, NF metals and plastics until robust marking of tool and structural steel.

Art. No.	EAN 4049002	Handguard	Shank Ø mm	Tip Ø mm	Adjustable striking force N min	Adjustable striking force N max	↔ mm	g		Price €
Automatic Centre Punches										
9R 430 129	024122		11	3.5	20	50	98	38	1	23,20
9R 430 229	096914	●	11	3.5	20	50	100	53	1	23,20
9R 430 130	002380		14	4	60	130	128	67	1	26,40
9R 430 230	096921	●	14	4	60	130	129	96	1	26,40
9R 430 131	024146		17	6	180	250	140	118	1	29,25
9R 430 231	096938	●	17	6	180	250	143	142	1	29,25
Automatic Centre Punches for our POS walls										
9R 430 229 SB	156861	●	11	3.5	20	50	188	62	3	23,20
9R 430 230 SB	156878	●	14	4	60	130	188	105	3	26,40
9R 430 231 SB	156885	●	17	6	180	250	188	152	3	29,25
Spare tips										
9R 439 129	024139			3.5			35	2	1	4,05
9R 439 130	013034			4			46	4	1	5,60
9R 439 131	024153			6			54	11	1	6,80

Set of adjustable centering punches

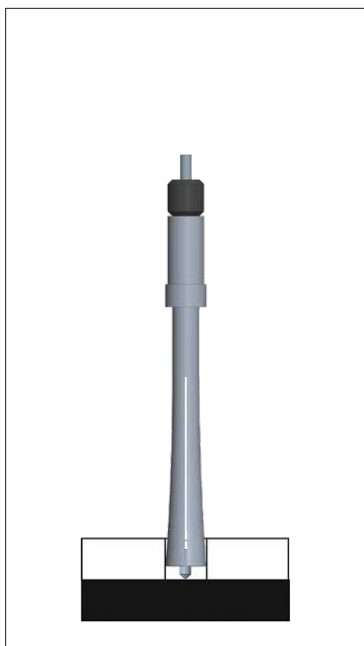
- For precise transfer of bore holes to other workpieces
- Working principle ensures precise, offset-free and absolutely centred punching on workpieces
- Uniform alignment of the slotted centring sleeve on the sample workpiece or in a drilling template via a knurled screw
- Specially hardened and tempered, continuous centre punch pins - can be reground repeatedly
- Replacement pins available for worn punch tips
- Made of special tool steel
- Complete set of centring punches in 3 sizes
- For bore hole diameters from 6 - 16 mm
- Packed in practical moulded foam



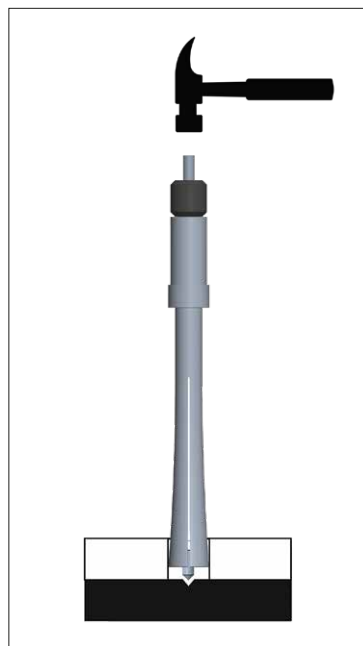
Art. No. 9R 430 143



1. Insert centring punch of appropriate size into bore hole, turn the knurled screw



2. Expand the centre punch until the centring sleeve fits the bore hole



3: Hit the centering punch with a hammer - indentation for drill guide is set exactly centered

Art. No.	EAN	Finish	Color	↔ mm	⚖ g	📦	Price €
9R 430 143	023880	Adjustable Centering Punches, 3 piece set, in clear plastic case		136	155	1	163,30

Info

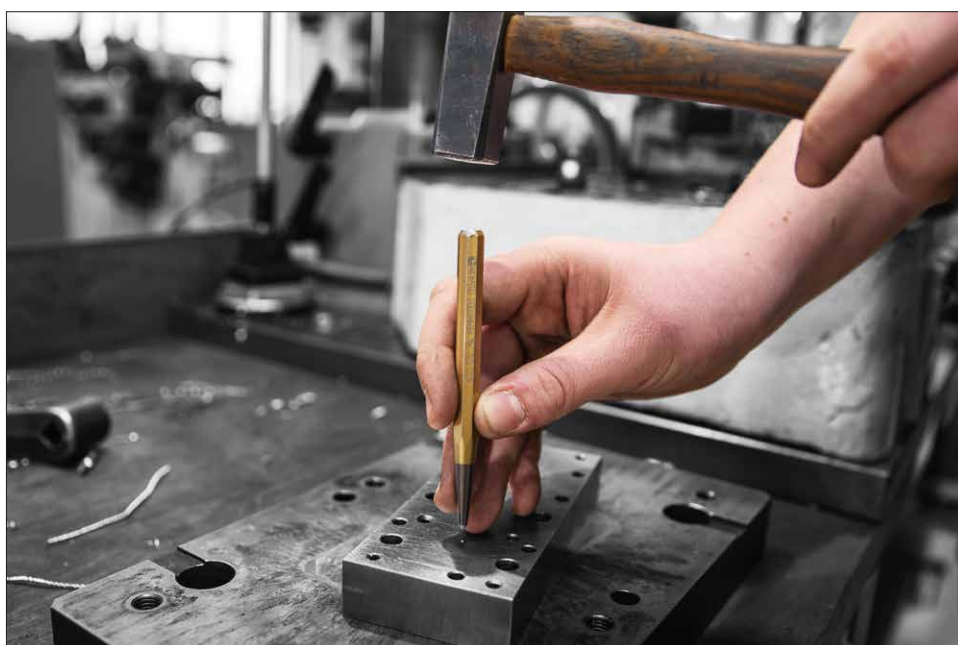
Transferring bore holes to other workpieces with precision is a complicated step. Centring punches with a simple working principle provide the best way of carrying out this task professionally.

Centre Punch

- For precise marking of a drill point and for guiding the drill tip to prevent it from drifting
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Special safety impact head prevents material splintering and deformation
- Tip ground and polished
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved
- Golden dip-coated



Art. No. 9R 431 120 0



Art. No.	EAN 4049002	Handguard	Tip Ø mm	 mm	Color	 mm	 g		Price €
Centre Punch									
9R 430 100 0	002366		3	8	gold	100	34	10	2,05
9R 430 120 0	002373		4	10	gold	120	64	10	2,30
9R 431 120 0	002397		5	10	gold	120	66	10	2,30
9R 432 120 0	002403		5	12	gold	120	94	10	2,60
9R 433 150 0	002410		5	12	gold	150	117	10	3,55
9R 434 150 0	013072		6	14	gold	150	161	10	4,65
Centre Punches for our POS walls									
9R 430 100 0 SB	012365		3	8	gold	132	44	10	2,55
9R 430 120 0 SB	012372		4	10	gold	150	74	5	2,80
9R 430 122 0 SB	045455	•	4	10	gold	120	81	3	4,45
9R 432 120 0 SB	012402		5	12	gold	142	103	5	3,15

Striking tools

Safe disassembly
with top precision



Art. No. 9R 425 530 6 RC



All edges of the pin punch are rounded



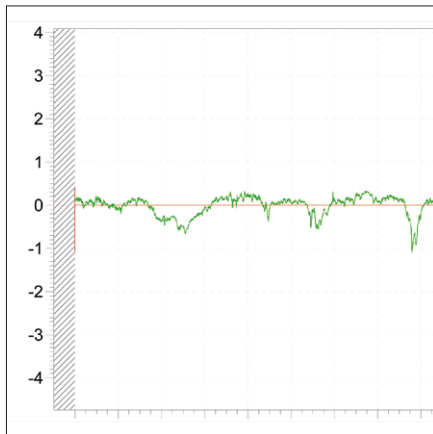
High-polished finish



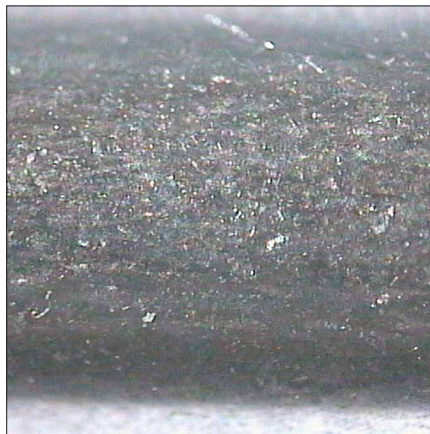
Quality under the surface: tempered safety striking head

High-quality surface of RENNSTEIG pin punches

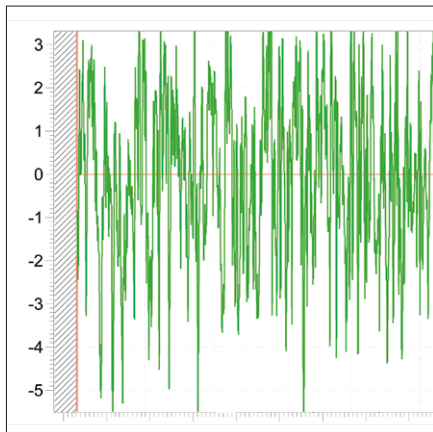
- Ground and polished surface finish
- Much less surface roughness than competitors (see roughness profiles)
- Advantages of this surface treatment:
 - Parallel pin punch is less prone to corrosion
 - Less likely to pinch during use
 - Higher bending resilience (longer service life and higher elasticity)
 - Any surface nicks from forging are ground out, thus practically eliminating fracture points
 - Rounded edges
 - Splitting and burring at the tip are prevented
 - Reduced risk of injury to the user
 - No damage to the workpiece



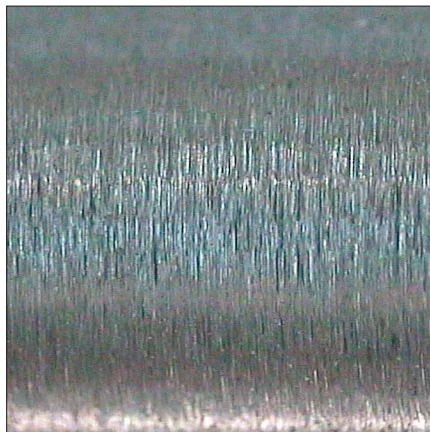
RENNSTEIG parallel pin punch
Ra: 0.15 μm , Rz: 0.92 μm



RENNSTEIG quality up close



Comparable competitor pin punch
Ra: 1.53 μm , Rz: 11.13 μm



Comparable competitor up close

Info

Ra Mean roughness value, the arithmetic mean of all roughness profile values
Rz Individual roughness depth, the arithmetic mean of individual roughness depth of consecutive measurement samples. The individual roughness depths are the sum of the height of the highest profile peak and deepest profile valley within a measurement sample.

Striking tools

Parallel Pin Punches

- For driving out or removing bolts, rivets, cotter pins or other fasteners from through-holes
- Alternatively for accurately countersinking the above-mentioned fasteners into the workpiece surface
- High-alloy tool steel, hardened throughout for optimum transmission of force
- Special safety impact head prevents mushrooming and material splitting
- Polished using an optimised process - no chrome is needed
- Golden dip-coated
- Rounded edges prevent damage to the workpiece
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 450 005 0

Art. No.	EAN 4049002	Handguard	Tip Ø mm	 mm	Color	 mm	 g		Price €
Parallel Pin Punches									
9R 450 002 0	002786		2	10	gold	150	60	10	3,60
9R 450 003 0	002809		3	10	gold	150	60	10	3,60
9R 450 004 0	002823		4	10	gold	150	61	10	3,75
9R 450 005 0	002847		5	10	gold	150	65	10	3,75
9R 450 006 0	002854		6	10	gold	150	69	10	3,75
9R 450 008 0	002878		8	12	gold	150	104	10	4,50
9R 450 010 0	002885		10	12	gold	150	118	10	4,50
9R 450 025 0	002793		2.5	10	gold	150	62	10	3,60
9R 451 012 0	021053		12	14	gold	150	163	10	5,70
Pin punches for our POS walls									
9R 450 002 0 SB	012785		2	10	gold	180	72	5	4,25
9R 450 003 0 SB	012808		3	10	gold	175	69	5	4,25
9R 450 004 0 SB	012822		4	10	gold	180	71	5	4,45
9R 450 005 0 SB	012846		5	10	gold	175	75	5	4,45
9R 450 006 0 SB	012853		6	10	gold	175	79	5	4,45
9R 450 007 0 SB	012860		7	12	gold	175	110	5	5,00
9R 450 008 0 SB	012877		8	12	gold	173	114	5	5,00
9R 450 010 0 SB	012884		10	12	gold	172	127	5	5,00

Sets of Parallel Pin Punches

- Sets without handguard, 6-piece, each with Ø 3 mm/4 mm/5 mm/6 mm/8 mm/10 mm
- Set with handguard, 5-piece, with Ø 2 mm/3 mm/4 mm/5 mm/6 mm
- Parallel pin punch gold dip-coated
- Parallel pin punch set „Exclusive“, multi-coloured, powder-coated
- Parallel pin punch „Exclusive“ made of high-alloy tool steel, hardened and tempered throughout, hardness ≥ 58 HRC
- Polished using an optimised process - no chrome is needed
- Meets or exceeds requirements from current (e.g. DIN) standards

Art. No.	EAN 4049002	Illustration	Finish	Color	↔ mm	⚖ g	📦	Price €
Sets of Parallel Pin Punches								
9R 425 152 0	028960		Pin punch set with handguard , in plastic case, 5-piece	gold	198	571	1	39,00
9R 425 160 0	002243		Pin punch set, in metal case, 6-piece	gold	176	754	1	32,65
9R 425 170 0	002250		Pin punch set, in plastic stand, 6-piece	gold	156	512	1	24,85
9R 425 530 6 RC	086762		"Exclusive" pin punch set, in metal case, 6-piece	multicoloured	167	756	1	49,65
Tool sets for our POS walls								
9R 425 160 0 SB	156847		Pin punch set, in metal case, 6-piece	gold	176	754	3	32,65
9R 425 502 6 SB	156854		"Exclusive" pin punch set with handguard , in plastic case, 5-piece	red	215	564	3	55,00

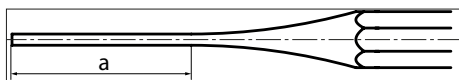
Striking tools

Parallel Pin Punches XXL

- For driving out or removing bolts, rivets, cotter pins or other fasteners from through-holes
- Alternatively for accurately countersinking the above-mentioned fasteners into the workpiece surface
- High-alloy tool steel, hardened throughout for optimum transmission of force
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- With ergonomic 2-component handguard
- Meets or exceeds requirements from current (e.g. DIN) standards
- All metal parts are GS-approved



Art. No. 9R 451 312 0



Art. No.	EAN 4049002	Handguard	Tip Ø mm	Working length a mm	 mm	Co- lor	↔ mm	 g		Price €
Parallel Pin Punches XXL for our POS walls										
9R 451 308 0 SB	156892	•	8	86	14	gold	225	256	3	14,20
9R 451 310 0 SB	156908	•	10	105	14	gold	240	290	3	18,05
9R 451 312 0 SB	156915	•	12	130	14	gold	260	340	3	21,00
9R 451 314 0 SB	156922	•	14	140	18	gold	275	490	3	24,65
9R 451 316 0 SB	156939	•	16	160	18	gold	290	570	3	27,60

Set of Parallel Pin Punches XXL

- For driving out or removing bolts, rivets, cotter pins or other fasteners from through-holes
- Alternatively for accurately countersinking the above-mentioned fasteners into the workpiece surface
- High-alloy tool steel, hardened throughout for optimum transmission of force
- Special safety impact head prevents material splintering and deformation
- Golden dip-coated
- With ergonomic 2-component handguard
- Meets or exceeds requirements from current (e.g. DIN) standards
- All metal parts are GS-approved
- in plastic case



Art. No. 9R 425 154 0

Art. No.	EAN 4049002	Contents	↔ mm	⚖ g	📦	Price €
9R 425 154 0	091544	1x 451 308 0 Parallel pin punch with handguard 225 x 14 x 8 mm 1x 451 310 0 Parallel pin punch with handguard 240 x 14 x 10 mm 1x 451 312 0 Parallel pin punch with handguard 260 x 14 x 12 mm 1x 451 314 0 Parallel pin punch with handguard 275 x 18 x 14 mm 1x 451 316 0 Parallel pin punch with handguard 290 x 18 x 16 mm	340	2,509	1	111,15

Striking tools

Parallel Pin Punches with guide sleeve

- Made of high-alloy tool steel
- Guide sleeve zinc-chromated and knurled
- Hardened punch pin
- Parallel pin punches Ø 0.9 to 3.9 mm with loose guide sleeve
- Parallel pin punch Ø 5.9 mm with fixed sleeve



Art. No. 9R 457 100 5



Sliding sleeve

Art. No.	EAN 4049002	Finish	Color	↔ mm	⚖ g	📦	Price €
9R 457 100 5	022784	Set of Parallel Pin Punches with guide sleeve, in metal case, 8-piece		132	381	1	57,80

Impact Nail Set

- Knocks impact nails for conduit fixing clips or bands directly into concrete (without pre-drilling)
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Special safety impact head prevents mushrooming and material splitting
- Versions with and without fixation of the nails
- With tool 9R 455 170 5, the nails are held by a special spring
- Tool 9R 445 136 5 has an integrated slot for removing splinters or passing through fastening loops



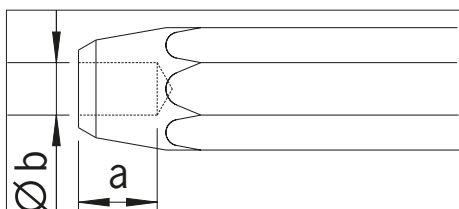
Art. No. 9R 455 170 5



Art. No. 9R 445 135 5



Art. No. 9R 445 136 5



Art. No.	EAN 4049002	Handguard	Hole depth a mm	Hole dia. Ø b mm	mm	mm	g		Price €
9R 445 135 5	029004		9	6	14	135	160	10	5,65
9R 445 136 5	029011		12	6	14	135	156	10	7,45
9R 455 170 5	025303	•	13	4.3	18	170	403	5	20,75
Tools for our POS walls									
9R 455 170 5 SB	156946	•	13	4.3	18	170	403	3	20,75

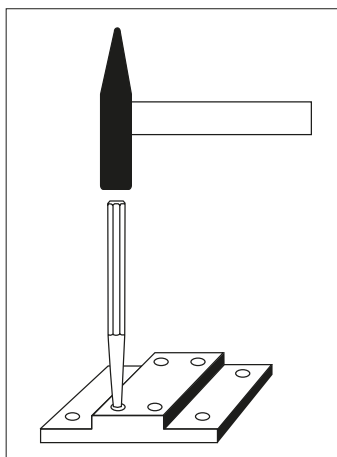
Striking tools

Taper Punches

- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Special safety impact head prevents mushrooming and material splitting
- Polished surface finish
- Rounded edges
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 440 003 0



Art. No.	EAN 4049002	Handguard	Tip Ø mm	 mm	 mm	 g		Price €
Type B per DIN 6458								
9R 440 002 0	002434		2	10	120	62	10	2,40
9R 440 003 0	002441		3	10	120	64	10	2,40
9R 440 004 0	002458		4	10	120	65	10	2,40
9R 440 005 0	002465		5	10	120	66	10	2,40
Type B for our POS walls								
9R 440 002 0 SB	012433		2	10	142	73	5	2,90
9R 440 003 0 SB	012440		3	10	148	74	5	2,90
9R 440 004 0 SB	012457		4	10	143	75	5	2,90
9R 440 005 0 SB	012464		5	10	151	77	5	2,90
Type D for our POS walls								
9R 441 010 0 SB	012570		10	12	143	116	5	3,25

Sets of Taper Punches

- Taper punch sets equipped with Ø 1 mm/2 mm/3 mm/4 mm/5 mm and centre punch Ø 4 mm
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No.	EAN 4049002	Illustration	Finish	Color	↔ mm	⚖ g	📦	Price €
Sets of Taper Punches								
9R 424 120 0	002205		Taper Punch Set, in plastic stand	gold	126	424	1	15,55
9R 424 130 0	002212		Taper Punch Set, in metal case	gold	175	648	1	22,70
Tool sets for our POS walls								
9R 424 130 0 SB	156823		Taper Punch Set, in metal case	gold	175	648	3	22,70
9R 424 142 0 SB	156830		Taper Punch Set with handguard , in plastic case	gold	212	575	3	33,20

Chisels

The right chisel
for any application



Conical edge prevents binding, painted blade, ground edge



Quality painted finish with laser marking



Quality under the surface: tempered safety striking head

Masonry Chisels, octagonal

- Mainly used in the construction industry
- Profile material: Octagonal shank
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 351 300 1



Art. No. 9R 350 300 1



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g		Price €
Masonry Chisels, octagonal									
9R 350 200 1	001352		painted	23	16	200	306	10	6,95
9R 350 250 1	001376		painted	23	16	250	388	10	8,30
9R 350 300 19	024092		painted	23	16	300	469	5	10,35
9R 351 300 19	026850	•	painted	23	16	300	561	10	15,45
9R 351 300 1	001437	•	painted	26	18	300	674	10	15,45
9R 350 350 1	001451		painted	26	18	350	691	5	11,75
9R 351 350 1	001475	•	painted	26	18	350	776	10	16,65
9R 350 400 19	022425		painted	26	18	400	796	5	13,70
Flat Cold Chisels, octagonal, for our POS walls									
9R 350 200 1 SB	011351		painted	23	16	230	318	5	7,50
9R 350 250 1 SB	011375		painted	23	16	272	398	5	8,85
9R 350 300 1 SB	011412		painted	26	18	330	594	5	10,90
9R 350 350 1 SB	011450		painted	26	18	337	700	5	12,35
9R 350 400 1 SB	011498		painted	30	20	420	997	5	14,30
9R 351 350 1 SB	156724	•	painted	26	18	350	776	2	16,65

Chisels

Masonry Chisels, flat-oval

- Mainly used in the construction industry
- Profile material: flat-oval
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 340 300 1

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g		Price €
9R 340 200 1	001185		painted	26	20 x 12	200	314	10	7,00
9R 340 250 1	001208		painted	26	20 x 12	250	398	10	8,40
9R 340 300 1	001222		painted	29	23 x 13	300	596	5	10,75
9R 340 350 1	001260		painted	29	23 x 13	350	684	5	12,20

Jointing Chisel

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 386 080 1



Art. No. 9R 385 060 1

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g		Price €
Jointing Chisel									
9R 385 050 1	001932		painted	50	23 x 13	250	486	5	14,25
9R 385 060 1	001956		painted	60	26 x 13	250	550	5	14,45
9R 385 070 1	001970		painted	70	26 x 13	250	590	5	15,50
9R 386 080 1	026737	•	painted	80	26 x 13	250	704	10	22,10
Jointing Chisel for our POS walls									
9R 385 050 1 SB	011931		painted	50	23 x 13	272	484	5	14,80
9R 386 050 1 SB	156762	•	painted	50	23 x 13	250	573	2	19,40

Pointed Chisels

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 331 300 1



Art. No. 9R 330 300 1



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g		Price €
Pointed Chisels									
9R 330 200 1	001017		painted		16	200	290	10	7,00
9R 330 250 1	001024		painted		16	250	372	10	7,90
9R 330 300 19	024108		painted		16	300	456	5	9,50
9R 331 300 19	027253	•	painted		16	300	698	1	14,10
9R 330 300 1	001062		painted		18	300	568	5	9,50
9R 331 300 1	001086	•	painted		18	300	651	10	14,45
9R 330 350 1	001109		painted		18	350	670	5	11,10
9R 330 400 19	024528		painted		18	400	775	5	11,65
9R 330 400 1	001147		painted		20	400	957	5	11,65
Pointed Chisels for our POS walls									
9R 330 200 1 SB	011016		painted		16	224	300	5	7,55
9R 330 250 1 SB	011023		painted		16	277	382	5	8,45
9R 330 300 1 SB	011061		painted		18	325	580	5	10,05
9R 330 350 1 SB	011108		painted		18	378	683	5	11,10
9R 330 400 1 SB	011146		painted		20	424	968	5	12,25
9R 331 350 1 SB	156717	•	painted		18	350	759	2	15,45

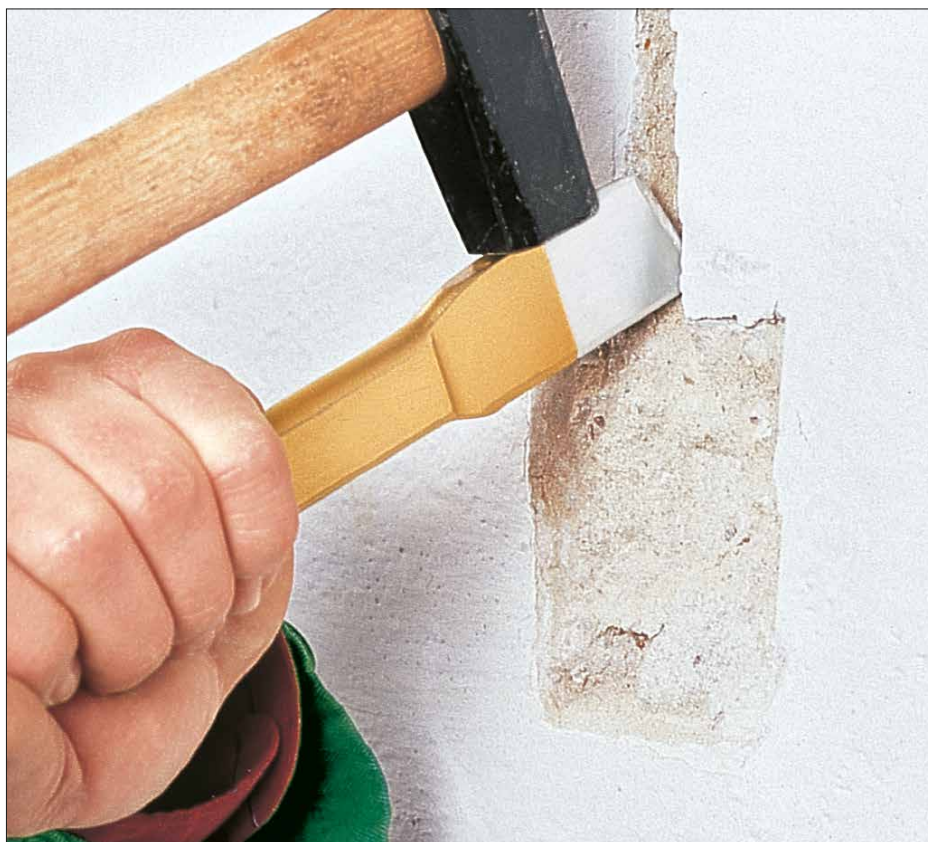
Chisels

Electrician's Slotting Chisels

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- With two cutting edges for longitudinal slitting in masonry without interruption
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 366 250 1



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	 mm	Price €
Electrician's Slotting Chisels									
9R 366 250 1	001710		painted	33	23 x 13	250	460	10	18,60
Electrician's Slotting Chisels for our POS walls									
9R 366 250 1 SB	036422		painted	33	23 x 13	250	460	5	19,15
9R 367 250 1 SB	156755	•	painted	33	23 x 13	250	528	2	23,80

Electrician's Chisel

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Extra-slim design for working with precision
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 361 252 1



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g		Price €
Electrician's Chisels									
9R 360 202 1	001536		painted	10	8	200	79	10	4,05
9R 360 252 1	001550		painted	10	8	250	100	10	4,30
9R 361 252 1	001611		painted	12	10	250	154	10	5,15
9R 362 252 1	001673		painted	14	12	250	223	10	5,50
Electrician's Chisels for our POS walls									
9R 361 202 1 SB	011597		painted	12	10	226	132	10	5,25
9R 361 252 1 SB	011610		painted	12	10	277	164	5	5,70
9R 361 253 1 SB	156731	•	painted	12	10	250	168	5	7,15

Chisels

Electrician's Pointed Chisels

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Extra-slim design for working with pin-point precision
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 361 255 1

Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g		Price €
Electrician's Pointed Chisels									
9R 361 255 1	008566		painted		10	250	145	10	5,15
9R 361 305 1	008641		painted		10	300	177	10	5,75
Electrician's Pointed Chisels for our POS walls									
9R 361 255 1 SB	008573		painted		10	270	156	5	5,70
9R 361 256 1 SB	156748	•	painted		10	250	160	5	7,15
9R 361 305 1 SB	008658		painted		10	320	188	5	6,30

Floor chisels

- Mainly used in the construction industry
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Short, powerful tool
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 370 125 1

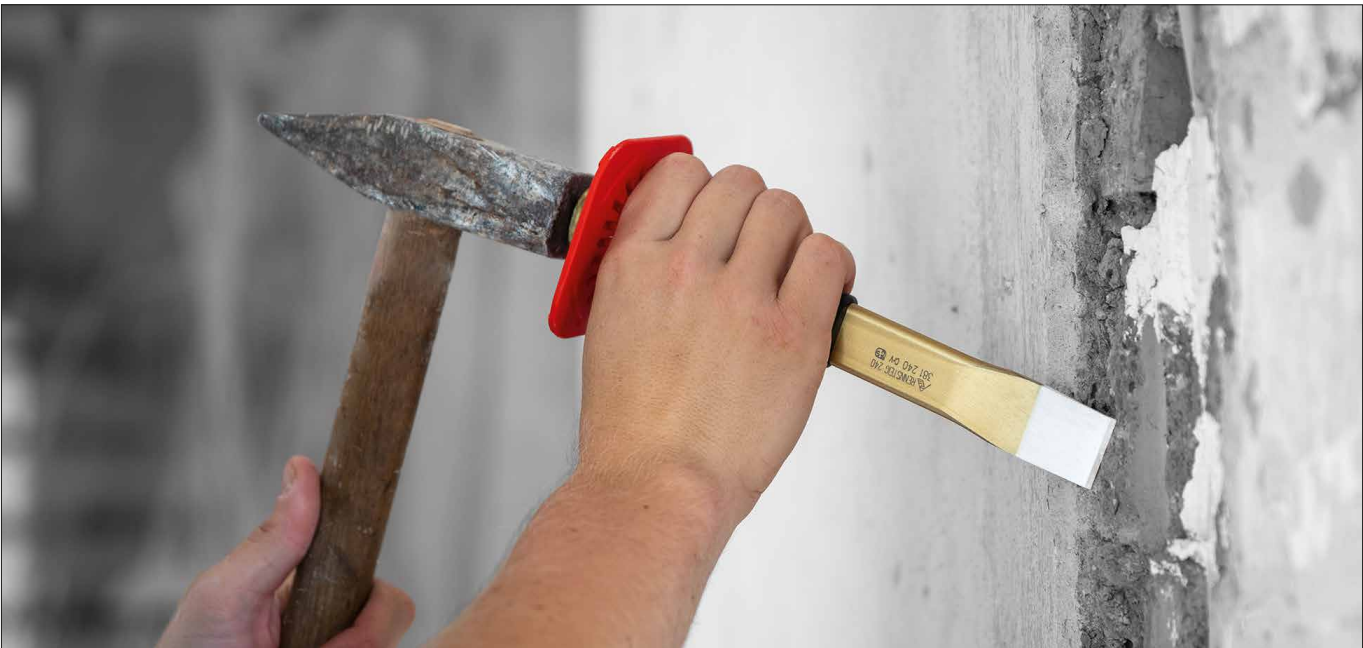
Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g		Price €
9R 370 125 1	001772		painted	12	10	125	73	10	4,45

Slitting Chisel, straight

- For stone and metal cutting
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Extra-flat design
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 380 240 1



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g	 mm	Price €
Slitting Chisel, straight									
9R 380 240 1	001833		painted	28	26 x 7	240	307	10	8,70
Slitting chisels, straight, for our POS walls									
9R 380 240 1 SB	011832		painted	28	26 x 7	260	311	5	9,30

Chisels

Slitting Chisel, offset

- For stone and metal cutting
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Golden dip-coated
- Slitting chisel with offset tip
- Sharpened on both sides for flush working
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 380 241 1



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g		Price €
Slitting Chisel, offset									
9R 380 241 1	015632		painted	27	26 x 7	240	294	5	18,60
Slitting Chisel, offset, for our POS walls									
9R 380 241 1 SB	014949		painted	27	26 x 7	267	316	5	19,15

Flat Cold Chisel

- Predominantly used in metalworking
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



YouTube



Art. No. 9R 310 300 1



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g		Price €
Flat Cold Chisels, flat-oval									
9R 310 150 1	000638		painted	18	17x11	150	176	10	5,50
9R 310 175 1	000652		painted	21	20x12	175	266	10	6,65
9R 310 200 1	000676		painted	24	23x13	200	389	10	7,70
9R 310 250 1	000690		painted	25	23x13	250	494	10	9,55
9R 310 300 1	000737		painted	26	23x13	300	598	5	11,80
9R 310 400 1	000812		painted	27	23x13	400	309	5	15,75
Flat Cold Chisels, flat-oval, for our POS walls									
9R 310 100 1 SB	010590		painted	15	14x9	142	94	5	5,25
9R 310 150 1 SB	010637		painted	18	17x11	182	193	5	6,10
9R 310 175 1 SB	010651		painted	21	20x12	196	275	10	7,30
9R 310 200 1 SB	010675		painted	24	23x13	228	405	5	8,25
9R 310 250 1 SB	010699		painted	25	23x13	271	503	5	10,10
9R 310 300 1 SB	010736		painted	26	23x13	331	616	5	12,40
9R 310 350 1 SB	010774		painted	27	23x13	373	722	5	14,35

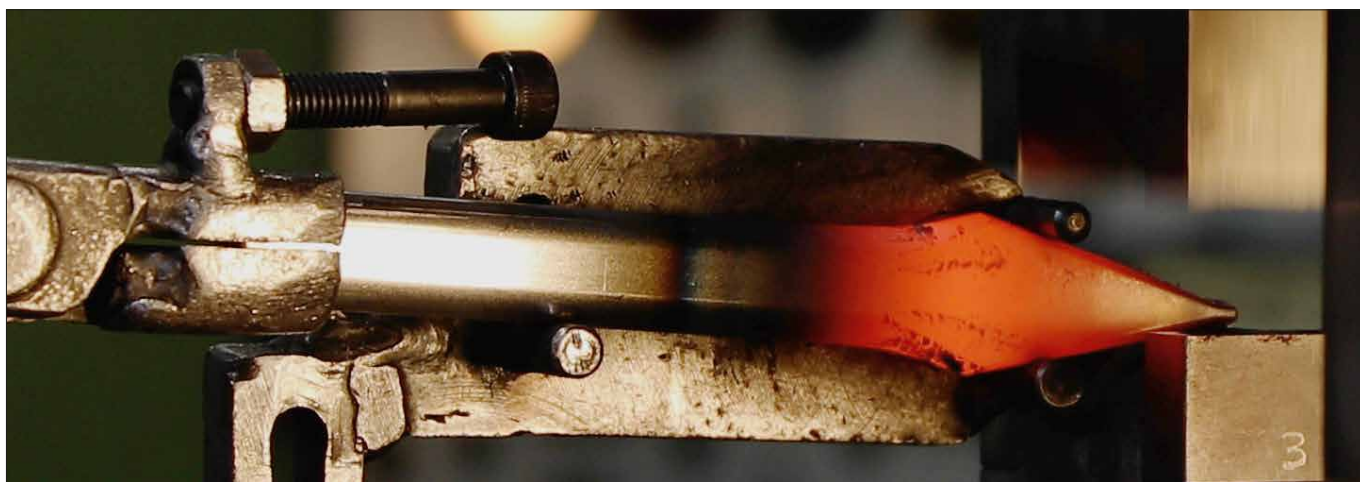
Chisels

Crosscut Chisel

- Predominantly used in metalworking
- Made of high-alloy tool steel
- Hardened throughout for maximum conveyance of the striking force, allows repeated regrinding of the working tip
- Special safety impact head prevents mushrooming and material splitting
- Golden dip-coated
- Meets or exceeds requirements from current (e.g. DIN) standards
- All tools are GS-approved



Art. No. 9R 320 200 1



Art. No.	EAN 4049002	Handguard	Finish	 mm	 mm	 mm	 g		Price €
Crosscut Chisel									
9R 320 150 1	000874		painted	6	17 x 11	150	156	10	6,75
9R 320 200 1	000911		painted	8	20 x 12	200	284	10	8,20
9R 320 250 1	000935		painted	9	23 x 13	250	446	10	10,60
Crosscut Chisel for our POS walls									
9R 320 100 1 SB	024672		painted	5	14 x 9	135	77	5	5,95
9R 320 125 1 SB	010859		painted	5	17 x 11	160	143	5	6,30
9R 320 150 1 SB	010873		painted	6	17 x 11	190	179	5	7,35
9R 320 200 1 SB	010910		painted	8	20 x 12	200	284	5	8,70

Tool sets

- Metalworking tools
- Available in plastic stand, plastic case or metal case
- Version: polished tool head

Art. No.	EAN 4049002	Illustration	Contents	↔ mm	⚖ g	📦	Price €
Tool sets							
9R 421 000 0	002175		1x 312 125 0 Flat cold chisel 12 x 125 mm, octagonal 10 mm, polished 1x 312 150 0 Flat cold chisel 12 x 150 mm, octagonal 10 mm, polished 1x 322 125 0 Crosscut chisel 4 x 125 mm, octagonal 10 mm, polished 1x 430 120 0 Centre punch 120 x 10 x 4 mm 1x 440 003 0 Taper punch 120 x 10 x 3 mm 1x 440 004 0 Taper punch 120 x 10 x 4 mm	155	461	1	24,80
9R 421 002 0	002199		1x 312 125 0 Flat cold chisel 12 x 125 mm, octagonal 10 mm, polished 1x 312 150 0 Flat cold chisel 12 x 150 mm, octagonal 10 mm, polished 1x 322 125 0 Crosscut chisel 4 x 125 mm, octagonal 10 mm, polished 1x 430 120 0 Centre punch 120 x 10 x 4 mm 1x 440 003 0 Taper punch 120 x 10 x 3 mm 1x 440 004 0 Taper punch 120 x 10 x 4 mm	176	278	1	32,30
9R 421 102 0	034473		1x 312 126 0 Flat cold chisel with handguard 12 x 125 mm, octagonal 10 mm, polished 1x 322 126 0 X Crosscut chisel with handguard 4 x 125 mm, octagonal 10 mm, polished 1x 430 122 0 Centre punch with handguard 120 x 10 x 4 mm 1x 440 103 0 Taper punch with handguard 120 x 10 x 3 mm 1x 440 104 0 Taper punch with handguard 120 x 10 x 4 mm	198	578	1	38,25
Tool sets for our POS walls							
9R 421 002 0 SB	156779		1x 312 125 0 Flat cold chisel 12 x 125 mm, octagonal 10 mm, polished 1x 312 150 0 Flat cold chisel 12 x 150 mm, octagonal 10 mm, polished 1x 322 125 0 Crosscut chisel 4 x 125 mm, octagonal 10 mm, polished 1x 430 120 0 Centre punch 120 x 10 x 4 mm 1x 440 003 0 Taper punch 120 x 10 x 3 mm 1x 440 004 0 Taper punch 120 x 10 x 4 mm	193	278	3	32,30
9R 421 102 0 SB	156816		1x 312 126 0 Flat cold chisel with handguard 12 x 125 mm, octagonal 10 mm, polished 1x 322 126 0 X Crosscut chisel with handguard 4 x 125 mm, octagonal 10 mm, polished 1x 430 122 0 Centre punch with handguard 120 x 10 x 4 mm 1x 440 103 0 Taper punch with handguard 120 x 10 x 3 mm 1x 440 104 0 Taper punch with handguard 120 x 10 x 4 mm	198	578	3	38,25
9R 421 010 0 SB	156786		1x 310 100 0 Flat cold chisel 15 x 100 mm, polished 1x 310 150 0 Flat cold chisel 18 x 150 mm, polished 1x 310 200 0 Flat cold chisel 24 x 200 mm, polished 1x 310 250 0 Flat cold chisel 25 x 250 mm, polished 1x 310 300 0 Flat cold chisel 26 x 300 mm, polished 1x 380 240 0 Slitting chisel straight 28 x 240 mm, polished	338	2,100	1	72,70
9R 421 011 0 SB	156793		1x 310 100 0 Flat cold chisel 15 x 100 mm, polished 1x 310 200 0 Flat cold chisel 24 x 200 mm, polished 1x 310 300 0 Flat cold chisel 26 x 300 mm, polished 1x 450 002 0 Parallel pin punch 150 x 10 x 2 mm 1x 450 003 0 Parallel pin punch 150 x 10 x 3 mm 1x 450 004 0 Parallel pin punch 150 x 10 x 4 mm 1x 450 005 0 Parallel pin punch 150 x 10 x 5 mm 1x 450 006 0 Parallel pin punch 150 x 10 x 6 mm	338	1,550	1	62,45
9R 421 014 0 SB	156809		1x 310 200 0 Flat cold chisel 24 x 200 mm, polished 1x 310 300 0 Flat cold chisel 26 x 300 mm, polished 1x 435 150 0 Centre punch 150 x 16 x 6 mm 1x 450 003 0 Parallel pin punch 150 x 10 x 3 mm 1x 450 004 0 Parallel pin punch 150 x 10 x 4 mm 1x 450 006 0 Parallel pin punch 150 x 10 x 6 mm 1x 450 008 0 Parallel pin punch 150 x 12 x 8 mm 1x 450 010 0 Parallel pin punch 150 x 12 x 10 mm	338	1,550	1	63,15

Shank chisels

Work powerfully using the
SDS plus system



Ground tip



Fully tempered and laser engraved



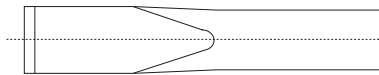
SDS plus chuck fit

Shank chisel applications

- Shank chisels for construction and demolition work, cleaning work and general chisel work in the construction industry
- Correct selection of chisel type and length enables optimum transfer of energy with minimum effort on the part of the user
- RENNSTEIG shank chisels meet the highest quality standards
- Use of high-quality materials and the latest manufacturing and heat treatment technologies
- Regrounding possible without any problems



Flat Cold Chisel



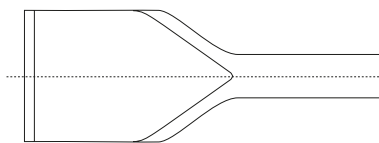
- For general chiselling and demolition work on masonry, concrete and loose rock
- Small-scale chipping work
- precise breaking action

Pointed Chisels



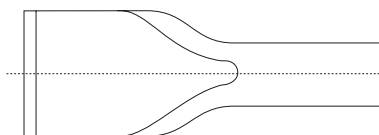
- For chiselling and demolition jobs on concrete and hard materials
- precise breaking action

Spade chisel



- For removing plaster from walls and floors
- Removal of heavy rust layers
- Wide range of applications

Floor chisels

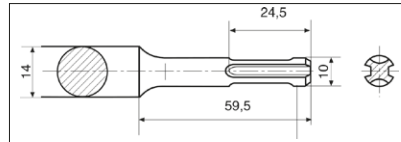


- For striking off plaster and tiles
 - Easy and convenient to use thanks to the angled shape of the chisel blade
-

Shank chisels

Chisels for electric hammers SDS plus

- For general chiselling and demolition work on masonry, concrete and loose rock
- Made of high-alloy tool steel
- Hardened throughout for maximum transmission of striking force
- Ground cutting edge
- Can be reground
- Meets or exceeds requirements from current (e.g. DIN) standards



Art. No.	EAN 4049002	Tip	Type	Ø mm	mm	mm	g		Price €
Shank chisels									
9R 212 25000	003349		Flat Cold Chisel	14 mm	20	250	249	10	8,90
9R 212 25001	003356		Pointed Chisels	14 mm		250	236	10	8,90
9R 212 25009	016523		Floor chisels	16 mm	40	250	343	10	16,75
9R 212 25014	003370		Spade chisel	16 mm	40	250	342	10	14,65
Shank chisels for our POS walls									
9R 212 14000 SB	094941		Flat Cold Chisel	14 mm	20	201	125	5	10,60
9R 212 14001 SB	094958		Pointed Chisels	14 mm		200	111	5	10,60
9R 212 14020 SB	094965		Wide flat cold chisel	14 mm	30	202	130	5	18,00
9R 212 17017 SB	121432		Spade chisel	20 mm	80	226	372	5	22,70
9R 212 17018 SB	121449		Floor chisels	20 mm	80	228	377	5	25,55
9R 212 25000 SB	016530		Flat Cold Chisel	14 mm	20	310	252	5	9,50
9R 212 25001 SB	016547		Pointed Chisels	14 mm		309	241	5	9,50
9R 212 25002 SB	156014		Floor chisels	16 mm	50	307	338	5	17,95
9R 212 25003 SB	016554		Grooving chisel	16 mm	22	309	321	5	16,30
9R 212 25005 SB	016578		Toothed chisel	14 mm	26	312	223	5	20,25
9R 212 25009 SB	021787		Floor chisels	16 mm	40	312	351	5	17,30
9R 212 25014 SB	016561		Spade chisel	16 mm	40	312	352	5	15,25
9R 212 25015 SB	156021		Floor chisels	16 mm	50	310	342	5	19,95

Chisel Sets for Electric Hammers with SDS plus chuck

- Various chisel types combined in a set (3-piece) in a handy plastic box
- Standard chisel 250 mm long
- Chisel also available in short version (140 mm long) for optimised transmission of force with minimised weight (PCS = Power Chisel Short)



Art. No. 9R 212 00090



Art. No. 9R 212 00096



Art. No.	EAN 4049002	Contents	↔ mm	⚖ g	📦	Price €
Chisel Sets for Electric Hammers with SDS plus chuck						
9R 212 00090	013041	1x 212 25000 Flat cold chisel for electric hammers SDS plus, 20 x 250 mm 1x 212 25001 Pointed chisel for electric hammers SDS plus, 250 mm 1x 212 25014 Spade chisel for electric hammers SDS plus, 40 x 250 mm	277	882	1	33,40
9R 212 00096	093159	1x 212 14000 PCS flat cold chisel for electric hammers SDS plus, 20 x 140 mm 1x 212 14001 PCS pointed chisel for electric hammers SDS plus, 140 mm 1x 212 14020 PCS wide flat cold chisel for electric hammers SDS plus, 30 x 140 mm	165	376	1	30,30
Shank chisel sets for our POS walls						
9R 212 00090 SB	156618	1x 212 25000 Flat cold chisel for electric hammers SDS plus, 20 x 250 mm 1x 212 25001 Pointed chisel for electric hammers SDS plus, 250 mm 1x 212 25014 Spade chisel for electric hammers SDS plus, 40 x 250 mm	277	880	3	33,40
9R 212 00094 SB	156625	1x 212 25000 Flat cold chisel for electric hammers SDS plus, 20 x 250 mm 1x 212 25001 Pointed chisel for electric hammers SDS plus, 250 mm 1x 212 25003 Grooving chisel for electric hammers SDS plus, 22 x 250 mm	277	880	3	34,50
9R 212 00096 SB	156632	1x 212 14000 PCS flat cold chisel for electric hammers SDS plus, 20 x 140 mm 1x 212 14001 PCS pointed chisel for electric hammers SDS plus, 140 mm 1x 212 14020 PCS wide flat cold chisel for electric hammers SDS plus, 30 x 140 mm	165	375	3	30,30

Wrecking Bars

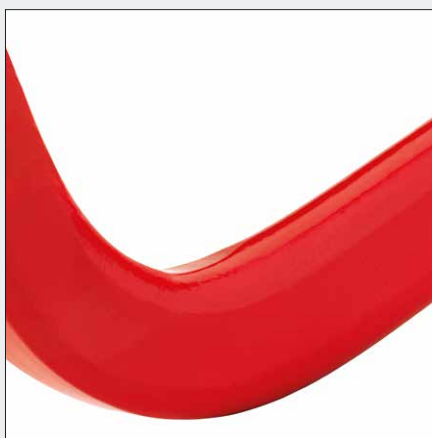
Made tough for the tough jobs



Art. No. 9R 276 600 2 + 275 600 2



Crowbar for leverage and pulling nails



Flat-oval profile – up to 50% higher resistance to bending compared to the hexagonal profile with the same weight



Chisel end for levering and removing panels

Wrecking bars flat-oval

- Made from special tool steel, forged
- Shatterproof thanks to a special manufacturing process
- Nail lifter side and chisel side are hardened to meet the most demanding requirements
- Long-life, red powder coating for better visibility on the construction site
- ULTIMAX version exceptionally robust for the tough jobs



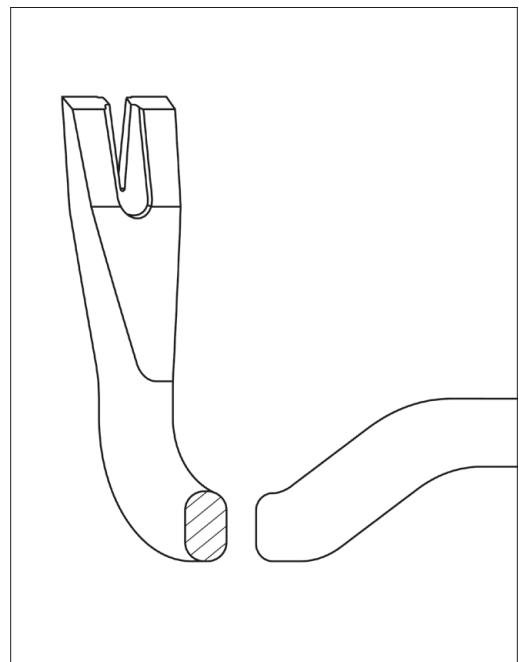
Art. No. 9R 276 600 2



Art. No. 9R 275 600 2



Easy to use, even when carrying out demolition work from a distance, thanks to the long lever arm



Flat-oval profile – these wrecking bars are more robust and are lighter than hexagonal wrecking bars of the same size

Art. No.	EAN 4049002	 mm	 mm	 g		Price €
ULTIMAX wrecking bars						
9R 275 600 2	024344	26 x 16	600	1,846	1	23,35
9R 275 800 2	024351	26 x 16	800	2,450	1	28,95
9R 275 1000 2	012082	26 x 16	1,000	2,945	1	35,90
Wrecking bars flat-oval						
9R 276 400 2	086694	20 x 12	400	830	1	15,35
9R 276 500 2	086700	20 x 12	500	915	1	16,50
9R 276 600 2	086717	23 x 13	600	1,410	1	17,40
9R 276 800 2	086724	23 x 13	800	1,830	1	21,40
9R 276 1000 2	086687	23 x 13	1,000	2,245	1	29,35

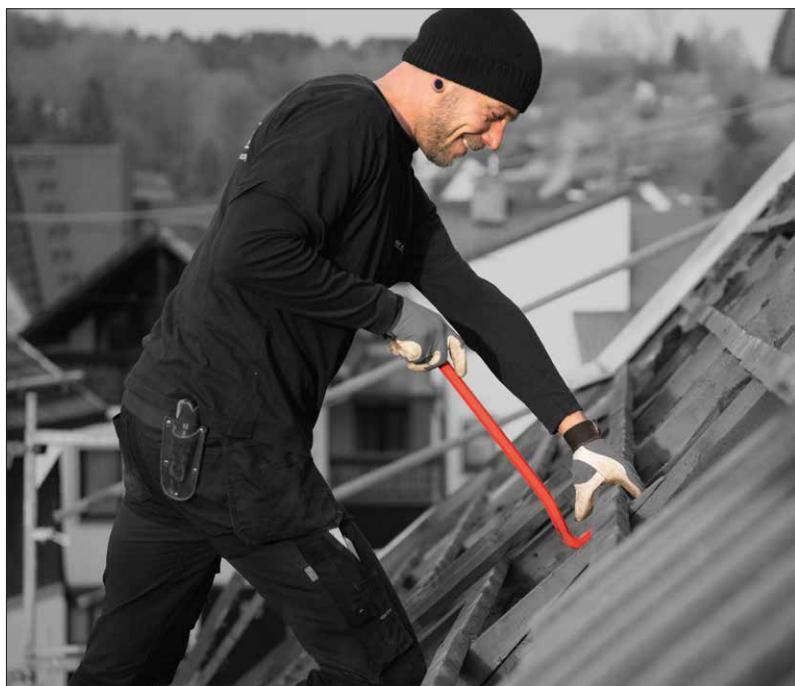
Wrecking Bars

Wrecking bars, hexagonal

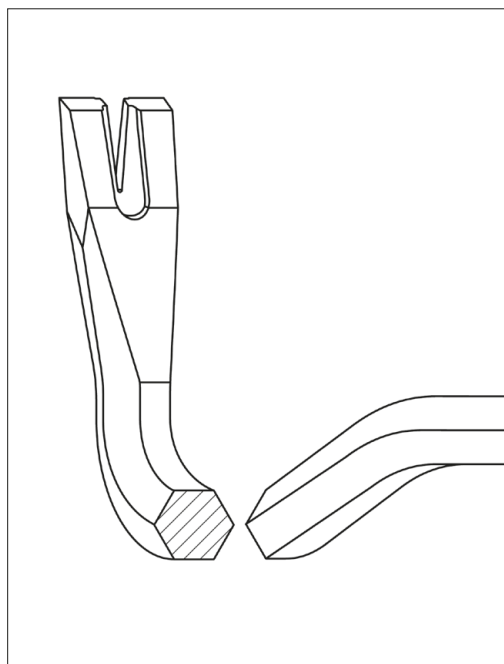
- Made from special tool steel, forged
- Shatterproof thanks to a special manufacturing process
- Nail lifter side and chisel side are hardened to meet the most demanding requirements
- Long-life, red powder coating for better visibility on the construction site



Art. No. 9R 271 600 2



Suitable not only for pulling out nails, but also for demolition work



Hexagonal profile – better contact surface at the bend prevents indentations in the material

Art. No.	EAN 4049002	 mm	 mm	 g		Price €
Wrecking bars, hexagonal						
9R 271 400 2	007064	18	400	1,012	1	15,35
9R 271 500 2	003042	18	500	1,236	1	16,70
9R 271 600 2	003059	18	600	1,450	1	18,15
9R 271 700 2	023347	18	700	1,670	1	21,10
9R 271 800 2	003066	18	800	1,890	1	22,70
9R 271 1000 2	003073	20	1,000	2,879	1	32,10
Wrecking Bars for our POS walls						
9R 271 400 2 SB	156656	18	400	1,012	3	15,35
9R 271 600 2 SB	156663	18	600	1,450	3	18,15
9R 271 800 2 SB	156670	18	800	1,890	3	22,70

Wrecking bars XS

- Extra-short version for working on slate roofs and wall panelling
- Small, handy and lightweight design
- Made from special tool steel, forged
- Hardened throughout for optimum transmission of force
- Long-life, red powder coating for better visibility on the construction site



Art. Nr. 9R 2722 270 2

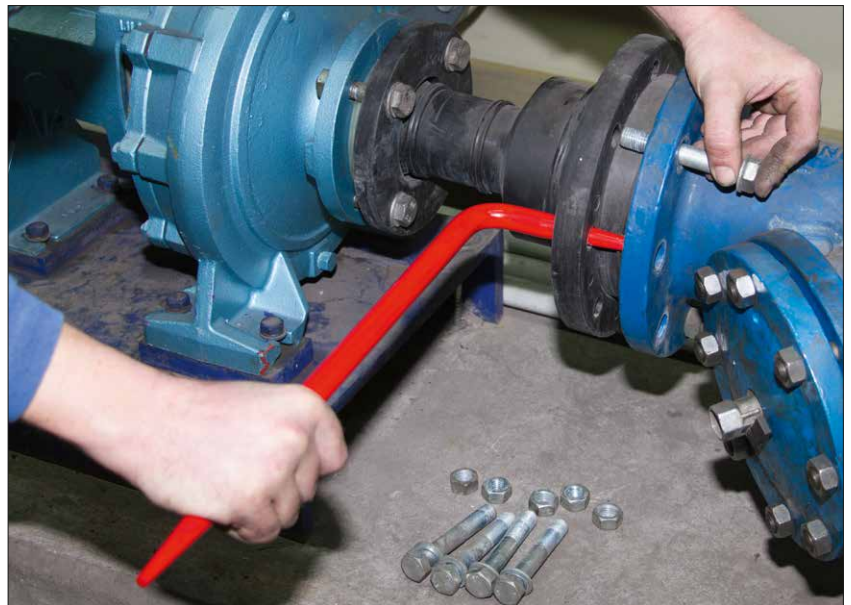
Art. No.	EAN 4049002	 mm	 mm	 g		Price €
Wrecking bars XS						
9R 2722 270 2	153723	12	255	254	10	17,60
Wrecking Bars XS for our POS walls						
9R 2722 270 2 SB	156649	12	255	254	3	17,60

Angular assembly bars

- Special tool steel, round cross-section, red powder coated
- hardened throughout



Art. No. 9R 278 020 2



Art. No.	EAN 4049002	 mm	 mm				 mm	 g		Price €
Angular assembly bars for our POS walls										
9R 278 014 2 SB	156687	400	120	14	70	6	400	520	3	20,55
9R 278 016 2 SB	156694	450	130	16	80	6	450	744	3	25,00
9R 278 020 2 SB	156700	500	150	20	90	7	500	1,284	3	30,75

Disassembly tools

Double-edged screw extractor

- For extracting broken screws or threaded bolts from threaded holes without causing damage - salvage high-quality products
- Double edge - slip-proof two-edge penetration in threaded fastener
- Can be used for right-hand and left-hand threads
- Center punch function
- Hexagonal head
- Material: CrV steel, hardened
- Black-oxide finish, polished cutting surface
- Service life varies depending on the hardness of the mating material



YouTube



Art. No. 9R 471 001 3



Art. No. 9R 471 002 3

Art. No.	EAN 4049002	Size	 mm	Drill Ø mm (min)	Drill Ø mm (max)	Screws min	Screws max	a/f inch	Drill min	Drill max	Screws min	Screws max	↔ mm	 g		Price €
9R 471 001 3	020872	1	6.35	3.2	4.8	M5	M6	1/4	1/8	3/16	3/16	1/4	54	7	1	6,25
9R 471 002 3	020889	2	9.5	4.8	7.1	M8	M10	3/8	3/16	1/4	5/16	3/8	68	16	1	6,25

Double-edged screw extractor sets

- Assortment of screw extractors for screws M5 to M20 (5-piece)
- Available in plastic pouch or metal case

Art. No.	EAN 4049002	Illustration	Contents	↔ mm	 g		Price €
9R 471 900 3	019159		1x 471 001 3 Screw extractor double-edged size 1 1x 471 002 3 Screw extractor double-edged size 2 1x 471 003 3 Screw extractor double-edged size 3 1x 471 004 3 Screw extractor double-edged size 4 1x 471 005 3 Screw extractor double-edged size 5	160	231	1	41,85
9R 471 901 3	022791		1x 471 001 3 Screw extractor double-edged size 1 1x 471 002 3 Screw extractor double-edged size 2 1x 471 003 3 Screw extractor double-edged size 3 1x 471 004 3 Screw extractor double-edged size 4 1x 471 005 3 Screw extractor double-edged size 5	172	435	1	59,90
Tool sets for our POS walls							
9R 471 901 3 SB	156953		1x 471 001 3 Screw extractor double-edged size 1 1x 471 002 3 Screw extractor double-edged size 2 1x 471 003 3 Screw extractor double-edged size 3 1x 471 004 3 Screw extractor double-edged size 4 1x 471 005 3 Screw extractor double-edged size 5	172	435	3	59,90

Spiral screw extractor

- For extracting broken screws or threaded bolts from threaded holes without causing damage - salvage high-quality products
- Only suitable for right-hand threads
- Material: CrV steel, hardened
- Black-oxide finish
- Service life varies depending on the hardness of the mating material



Art. No. 9R 470 001 3



Art. No. 9R 470 002 3

Art. No.	EAN 4049002	Size	Tip Ø mm	Shank Ø mm	Drill Ø mm (min)	Drill Ø mm (max)	Screws min	Screws max	↔ mm	g		Price €
9R 470 001 3	000454	1	1.75	3.6	2	3.5	M3	M6	50	3	10	1,80
9R 470 002 3	000461	2	2.2	5	3	4.5	M6	M8	57	7	10	1,80

Screw extractor sets "Spiral"

- Various assortments of screw extractors in a plastic tube
- 5-piece for screws M3 to M18
- 6-piece for screws M3 to M24
- 8-piece for screws M3 to M45



Art. No. 9R 470 900 3



Art. No. 9R 470 901 3



Art. No. 9R 470 902 3

Art. No.	EAN 4049002	Contents	↔ mm	g		Price €
9R 470 900 3	000539	1x 470 001 3 Screw extractor "Spiral" size 1 1x 470 002 3 Screw extractor "Spiral" size 2 1x 470 003 3 Screw extractor "Spiral" size 3 1x 470 004 3 Screw extractor "Spiral" size 4 1x 470 005 3 Screw extractor "Spiral" size 5	120	106	1	12,70
9R 470 901 3	000546	1x 470 001 3 Screw extractor "Spiral" size 1 1x 470 002 3 Screw extractor "Spiral" size 2 1x 470 003 3 Screw extractor "Spiral" size 3 1x 470 004 3 Screw extractor "Spiral" size 4 1x 470 005 3 Screw extractor "Spiral" size 5 1x 470 006 3 Screw extractor "Spiral" size 6	107	206	1	17,30
9R 470 902 3	000553	1x 470 001 3 Screw extractor "Spiral" size 1 1x 470 002 3 Screw extractor "Spiral" size 2 1x 470 003 3 Screw extractor "Spiral" size 3 1x 470 004 3 Screw extractor "Spiral" size 4 1x 470 005 3 Screw extractor "Spiral" size 5 1x 470 006 3 Screw extractor "Spiral" size 6 1x 470 007 3 Screw extractor "Spiral" size 7 1x 470 008 3 Screw extractor "Spiral" size 8	124	671	1	41,85

Punching tools

Wad Punches

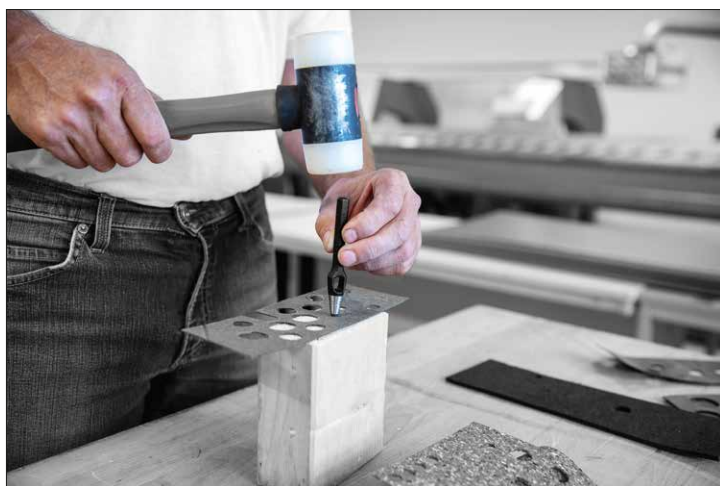
- For stamping out or producing gaskets and seal rings from materials such as rubber, leather, felt, plastic, cork, fabric or similar components
- Multi-layer wooden boards or polyamide boards should be used as a base impact support for stamping
- Made from special tool steel, forged
- Tool shape according to DIN 7200 A
- Conical, ground cutting head, slightly conical on the inside to remove stamped-out material
- Cutting edge sharpened, hardened and tempered
- Black dip-coated



Art. No. 9R 140 002 0



Art. No. 9R 140 020 0



Art. No.	EAN 4049002	Hole dia. mm	Hole dia. Inch	↔ mm	⚖ g	📦	Price €
9R 140 002 0	140020	2	1/16	100	38	10	5,15
9R 140 003 0	140037	3	1/8	100	39	10	5,15
9R 140 004 0	140044	4	5/32	100	39	10	5,15
9R 140 005 0	140051	5	3/16	104	51	10	5,50
9R 140 006 0	140068	6	1/4	104	52	10	5,50
9R 140 007 0	140075	7	9/32	104	53	10	5,50
9R 140 008 0	140082	8	5/16	111	70	10	5,70
9R 140 009 0	140099	9	11/32	111	72	10	5,70
9R 140 010 0	140105	10	3/8	111	75	10	5,70
9R 140 011 0	140112	11	7/16	125	115	10	6,65
9R 140 012 0	140129	12	15/32	125	115	10	6,65
9R 140 013 0	140136	13	1/2	125	109	10	6,65
9R 140 014 0	140143	14	9/16	137	154	10	8,50
9R 140 015 0	140150	15		137	158	10	8,50
9R 140 016 0	140167	16	5/8	137	154	10	8,50
9R 140 018 0	140181	18	11/16	142	189	6	9,35
9R 140 019 0	140198	19	3/4	142	189	6	9,80
9R 140 020 0	140204	20	25/32	142	184	6	10,80

Sets of Wad Punches

- Hole diameter 3–19 mm (in increments of 2 mm)
- Hole diameter: 2–30 mm (in increments of 2 mm)
- Black roll-up pouch made of durable polyester fabric

Art. No.	EAN 4049002	Illustration	Contents	↔ mm	⚖ g	📦	Price €
9R 140 900 0	111778		1x 140 003 0 Wad punch Ø 3 mm 1x 140 005 0 Wad punch Ø 5 mm 1x 140 007 0 Wad punch Ø 7 mm 1x 140 009 0 Wad punch Ø 9 mm 1x 140 011 0 Wad punch Ø 11 mm 1x 140 013 0 Wad punch Ø 13 mm 1x 140 015 0 Wad punch Ø 15 mm 1x 140 017 0 Wad punch Ø 17 mm 1x 140 019 0 Wad punch Ø 19 mm	202	1,059	1	75,05
9R 140 902 0	111792		1x 140 002 0 Wad punch Ø 2 mm 1x 140 004 0 Wad punch Ø 4 mm 1x 140 006 0 Wad punch Ø 6 mm 1x 140 008 0 Wad punch Ø 8 mm 1x 140 010 0 Wad punch Ø 10 mm 1x 140 012 0 Wad punch Ø 12 mm 1x 140 014 0 Wad punch Ø 14 mm 1x 140 016 0 Wad punch Ø 16 mm 1x 140 018 0 Wad punch Ø 18 mm 1x 140 020 0 Wad punch Ø 20 mm 1x 140 022 0 Wad punch Ø 22 mm 1x 140 024 0 Wad punch Ø 24 mm 1x 140 026 0 Wad punch Ø 26 mm 1x 140 028 0 Wad punch Ø 28 mm 1x 140 030 0 Wad punch Ø 30 mm	229	3,160	1	182,85

Counter Display for Wad Punches

- display of high-quality cardboard with high gloss print
- Can be fitted with a maximum 73 tools



Art. No. 9R 429 131

Art. No.	EAN 4049002	Description	↔ mm	⚖ g	📦	Price €
9R 429 131	101168	Counter Display for Wad Punches, empty	230	350	1	32,20
9R 429 131 0	155406	9x 140 004 0 Wad punch Ø 4 mm 9x 140 005 0 Wad punch Ø 5 mm 9x 140 006 0 Wad punch Ø 6 mm 9x 140 008 0 Wad punch Ø 8 mm 9x 140 010 0 Wad punch Ø 10 mm 8x 140 012 0 Wad punch Ø 12 mm 7x 140 014 0 Wad punch Ø 14 mm 7x 140 016 0 Wad punch Ø 16 mm 6x 140 018 0 Wad punch Ø 18 mm		7,550	1	477,30

Scrapers

Flat scrapers

- Flat scrapers, type A, similar to DIN 8350
- Slightly rounded, sharp working edge for working on metal surfaces
- Made of high-alloy tool steel
- Hardened throughout for optimum transmission of force
- Blue dip-coated
- Ergonomic real wood handle



Art. No. 9R 460 150 0



Art. No.	EAN 4049002	Blade length mm	 mm	 mm	 g		Price €
9R 460 200 0	002908	200	20x5	325	210	10	10,25

Triangular hollow-ground scrapers

- Triangular hollow-ground scrapers, type C, similar to DIN 8350
- For working on three-dimensional contours or for deburring work
- Ideal for hard-to-reach areas
- Made of high-alloy tool steel
- Hardened throughout for optimum transmission of force
- Blue dip-coated
- Working tip sharpened
- Ergonomic real wood handle



Art. No. 9R 462 200 0



Art. No.	EAN 4049002	Blade length mm	 mm		 g	 10	Price €
9R 462 150 0	002977	150	14	150	124	10	8,40

Easy made product presentation



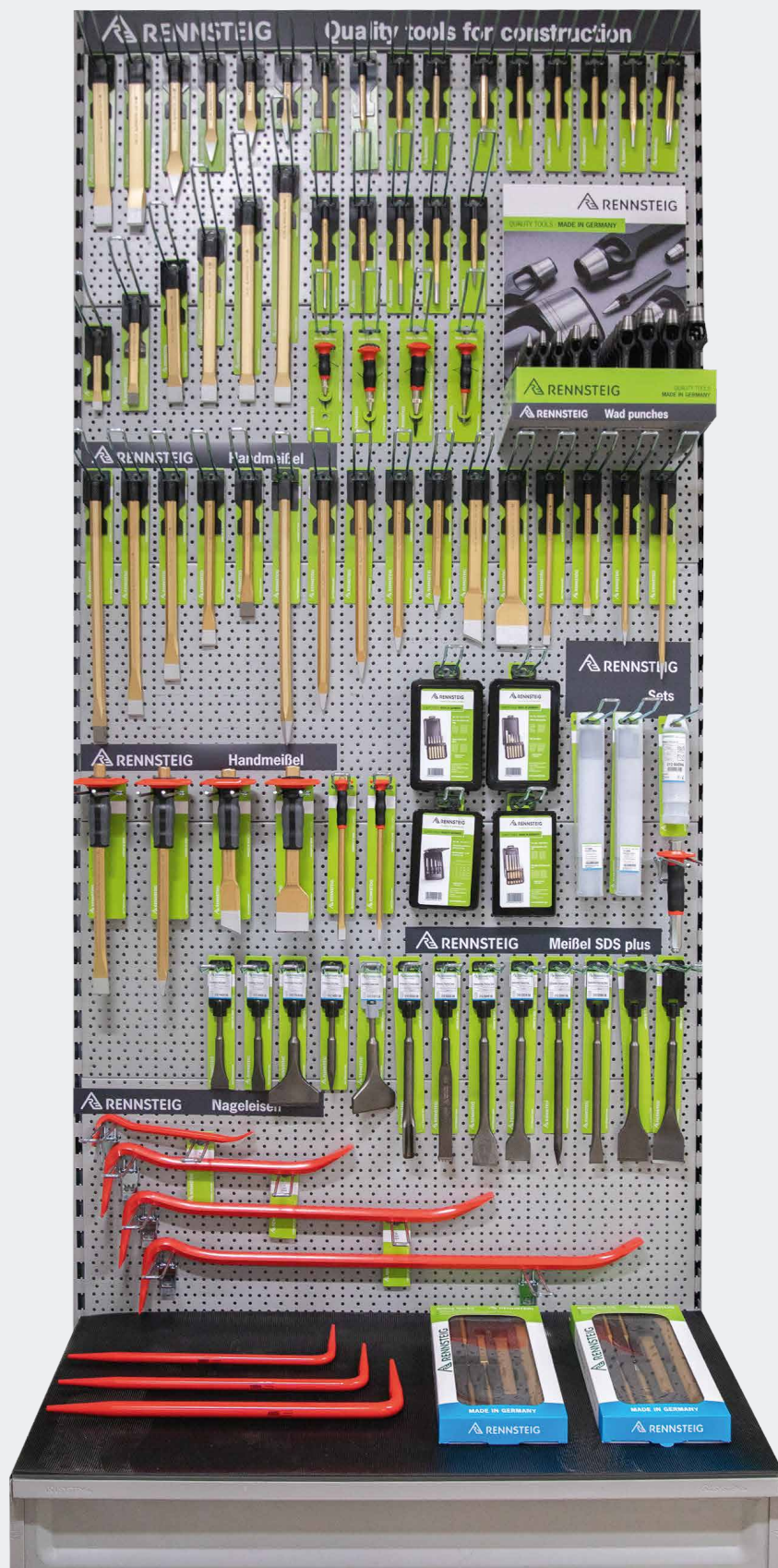
POS wall - Basic module 1

- Width 1.00 m x height 1.60 m
- Equipped with 50 different tool types
- All required POS materials are included

Contents

3x 9R 212 00090 SB Chisel set for electric hammers SDS plus (3-piece) DIY, flat cold chisel, pointed chisel, spade chisel
 3x 9R 212 00094 SB Chisel set for electric hammers SDS plus (3-piece) DIY, flat cold chisel, pointed chisel, grooving chisel
 3x 9R 212 00096 SB PCS chisel set for electric hammers SDS plus (3-piece) DIY
 5x 9R 212 14000 SB PCS flat cold chisel DIY for electric hammers SDS plus, 20 x 140 mm
 5x 9R 212 14001 SB PCS pointed chisel DIY for electric hammers SDS plus, 140 mm
 5x 9R 212 14020 SB PCS wide flat cold chisel DIY for electric hammers SDS plus, 30 x 140 mm
 5x 9R 212 17017 SB Spade chisel DIY for electric hammers SDS plus, 80 x 170 mm
 5x 9R 212 17018 SB Floor chisel DIY for electric hammers SDS plus, 20° angled, 80 x 170 mm
 5x 9R 212 25000 SB Flat cold chisel DIY for electric hammers SDS plus, 20 x 250 mm
 5x 9R 212 25001 SB Pointed chisel DIY for electric hammers SDS plus, 250 mm
 5x 9R 212 25002 SB Spade chisel DIY for electric hammers SDS plus, 50 x 250 mm
 5x 9R 212 25003 SB Grooving chisel DIY for electric hammers SDS plus, 22 x 250 mm
 5x 9R 212 25005 SB Toothed chisel DIY for electric hammers SDS plus, 20 x 250 mm
 5x 9R 212 25009 SB Floor chisel DIY for electric hammers SDS plus, 30° angled, 50 x 250 mm
 5x 9R 212 25014 SB Spade chisel DIY for electric hammers SDS plus, 40 x 250 mm
 5x 9R 212 25015 SB Floor chisel DIY for electric hammers SDS plus, 20° angled, 50 x 250 mm
 3x 9R 271 400 2 SB Wrecking bar DIY hexagonal, 400 mm
 3x 9R 271 600 2 SB Wrecking bar DIY hexagonal, 600 mm
 3x 9R 271 800 2 SB Wrecking bar DIY hexagonal, 800 mm
 3x 9R 2722 270 2 SB Wrecking bars XS DIY octagonal, 270 mm
 5x 9R 330 200 1 SB Pointed chisel DIY 200 mm, octagonal 16 mm, painted
 5x 9R 330 250 1 SB Pointed chisel DIY 250 mm, octagonal 16 mm, painted
 5x 9R 330 300 1 SB Pointed chisel DIY 300 mm, octagonal 18 mm, painted
 5x 9R 330 350 1 SB Pointed chisel DIY 350 mm, octagonal 18 mm, painted
 5x 9R 330 400 1 SB Pointed chisel DIY 400 mm, octagonal 20 mm, painted
 2x 9R 331 350 1 SB Pointed chisel with handguard DIY 350 mm, octagonal 18 mm, painted
 5x 9R 350 200 1 SB Masonry chisel DIY 23 x 200 mm, octagonal 16 mm, painted
 5x 9R 350 250 1 SB Masonry chisel DIY 23 x 250 mm, octagonal 16 mm, painted
 5x 9R 350 300 1 SB Masonry chisel DIY 26 x 300 mm, octagonal 18 mm, painted
 5x 9R 350 350 1 SB Masonry chisel DIY 26 x 350 mm, octagonal 18 mm, painted
 5x 9R 350 400 1 SB Masonry chisel DIY 30 x 400 mm, octagonal 20 mm, painted
 2x 9R 351 350 1 SB Masonry chisel with handguard DIY 23 x 350 mm, octagonal 18 mm, painted
 5x 9R 361 202 1 SB Electrician's chisel DIY 12 x 200 mm, octagonal 10 mm, painted
 5x 9R 361 252 1 SB Electrician's chisel DIY 12 x 250 mm, octagonal 10 mm, painted
 5x 9R 361 253 1 SB Electrician's chisel with handguard DIY 12 x 250 mm, octagonal 10 mm, painted
 5x 9R 361 255 1 SB Electrician's pointed chisel DIY 250 mm, octagonal 10 mm, painted
 5x 9R 361 256 1 SB Electrician's pointed chisel with handguard DIY 250 mm, octagonal 10 mm, painted
 5x 9R 361 305 1 SB Electrician's pointed chisel DIY 300 mm, octagonal 10 mm, painted
 5x 9R 366 250 1 SB Electrician's slotting chisel DIY 33 x 250 mm, painted
 2x 9R 367 250 1 SB Electrician's slotting chisel with handguard DIY 33 x 250 mm, painted
 5x 9R 385 050 1 SB Jointing chisel DIY 50 x 250 mm, painted
 2x 9R 386 050 1 SB Jointing chisel with handguard DIY 50 x 250 mm, painted
 3x 9R 421 002 0 SB Tool set in metal box DIY
 3x 9R 421 010 0 SB Chisel set in a foam tray DIY
 3x 9R 421 011 0 SB Chisels, pin punches set in a foam tray DIY
 3x 9R 421 014 0 SB Chisels, pin punches, centre punch set in a foam tray DIY
 3x 9R 424 130 0 SB Taper punch set in metal box DIY
 3x 9R 425 160 0 SB Parallel pin punch set in metal box DIY
 3x 9R 455 170 5 SB Impact aid with handguard DIY 170 mm, socket Ø 4.3 mm x 13 mm
 3x 9R 471 901 3 SB Screw extractor set double-edged (5-piece) in metal box DIY

Easy made product presentation



POS wall - Basic module 2

- Width 1.00 m x height 2.00 m
- Equipped with 84 different tool types
- All required POS materials are included

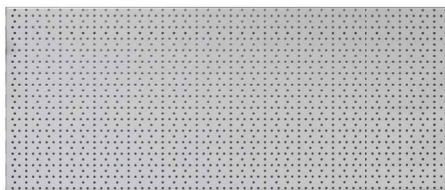
Contents
3x 9R 212 00090 SB Chisel set for electric hammers SDS plus (3-piece) DIY, flat cold chisel, pointed chisel, spade chisel 3x 9R 212 00094 SB Chisel set for electric hammers SDS plus (3-piece) DIY, flat cold chisel, pointed chisel, grooving chisel 3x 9R 212 00096 SB PCS chisel set for electric hammers SDS plus (3-piece) DIY 5x 9R 212 14000 SB PCS flat cold chisel DIY for electric hammers SDS plus, 20 x 140 mm 5x 9R 212 14001 SB PCS pointed chisel DIY for electric hammers SDS plus, 140 mm 5x 9R 212 14020 SB PCS wide flat cold chisel DIY for electric hammers SDS plus, 30 x 140 mm 5x 9R 212 17017 SB Spade chisel DIY for electric hammers SDS plus, 80 x 170 mm 5x 9R 212 17018 SB Floor chisel DIY for electric hammers SDS plus, 20° angled, 80 x 170 mm 5x 9R 212 25000 SB Flat cold chisel DIY for electric hammers SDS plus, 20 x 250 mm 5x 9R 212 25001 SB Pointed chisel DIY for electric hammers SDS plus, 250 mm 5x 9R 212 25002 SB Spade chisel DIY for electric hammers SDS plus, 50 x 250 mm 5x 9R 212 25003 SB Grooving chisel DIY for electric hammers SDS plus, 22 x 250 mm 5x 9R 212 25005 SB Toothed chisel DIY for electric hammers SDS plus, 20 x 250 mm 5x 9R 212 25009 SB Floor chisel DIY for electric hammers SDS plus, 30° angled, 50 x 250 mm 5x 9R 212 25014 SB Spade chisel DIY for electric hammers SDS plus, 40 x 250 mm 5x 9R 212 25015 SB Floor chisel DIY for electric hammers SDS plus, 20° angled, 50 x 250 mm 3x 9R 271 400 2 SB Wrecking bar DIY hexagonal, 400 mm 3x 9R 271 600 2 SB Wrecking bar DIY hexagonal, 600 mm 3x 9R 271 800 2 SB Wrecking bar DIY hexagonal, 800 mm 3x 9R 2722 270 2 SB Wrecking bars XS DIY octagonal, 270 mm 3x 9R 278 014 2 SB Angular assembly bar DIY 400 x 120 x 14 mm 3x 9R 278 016 2 SB Angular assembly bar DIY 450 x 130 x 16 mm 3x 9R 278 020 2 SB Angular assembly bar DIY 500 x 150 x 20 mm 5x 9R 310 100 1 SB Flat cold chisel DIY 15 x 100 mm, painted 5x 9R 310 150 1 SB Flat cold chisel DIY 18 x 150 mm, painted 5x 9R 310 200 1 SB Flat cold chisel DIY 24 x 200 mm, painted 5x 9R 310 250 1 SB Flat cold chisel DIY 25 x 250 mm, painted 5x 9R 310 300 1 SB Flat cold chisel DIY 26 x 300 mm, painted 5x 9R 310 350 1 SB Flat cold chisel DIY 27 x 350 mm, painted 5x 9R 320 100 1 SB Crosscut chisel DIY 4 x 100 mm, painted 5x 9R 320 125 1 SB Crosscut chisel DIY 5 x 125 mm, painted 5x 9R 320 150 1 SB Crosscut chisel DIY 6 x 150 mm, painted 5x 9R 320 200 1 SB Crosscut chisel DIY 8 x 200 mm, painted 5x 9R 330 200 1 SB Pointed chisel DIY 200 mm, octagonal 16 mm, painted 5x 9R 330 250 1 SB Pointed chisel DIY 250 mm, octagonal 16 mm, painted 5x 9R 330 300 1 SB Pointed chisel DIY 300 mm, octagonal 18 mm, painted 5x 9R 330 350 1 SB Pointed chisel DIY 350 mm, octagonal 18 mm, painted 5x 9R 330 400 1 SB Pointed chisel DIY 400 mm, octagonal 20 mm, painted 2x 9R 331 350 1 SB Pointed chisel with handguard DIY 350 mm, octagonal 18 mm, painted 5x 9R 350 200 1 SB Masonry chisel DIY 23 x 200 mm, octagonal 16 mm, painted 5x 9R 350 250 1 SB Masonry chisel DIY 23 x 250 mm, octagonal 16 mm, painted 5x 9R 350 300 1 SB Masonry chisel DIY 26 x 300 mm, octagonal 18 mm, painted 5x 9R 350 350 1 SB Masonry chisel DIY 26 x 350 mm, octagonal 18 mm, painted 5x 9R 350 400 1 SB Masonry chisel DIY 30 x 400 mm, octagonal 20 mm, painted 2x 9R 351 350 1 SB Masonry chisel with handguard DIY 23 x 350 mm, octagonal 18 mm, painted 5x 9R 361 202 1 SB Electrician's chisel DIY 12 x 200 mm, octagonal 10 mm, painted 5x 9R 361 252 1 SB Electrician's chisel DIY 12 x 250 mm, octagonal 10 mm, painted 5x 9R 361 253 1 SB Electrician's chisel with handguard DIY 12 x 250 mm, octagonal 10 mm, painted 5x 9R 361 255 1 SB Electrician's pointed chisel DIY 250 mm, octagonal 10 mm, painted 5x 9R 361 256 1 SB Electrician's pointed chisel with handguard DIY 250 mm, octagonal 10 mm, painted 5x 9R 361 305 1 SB Electrician's pointed chisel DIY 300 mm, octagonal 10 mm, painted 5x 9R 366 250 1 SB Electrician's slotting chisel DIY 33 x 250 mm, painted 2x 9R 367 250 1 SB Electrician's slotting chisel with handguard DIY 33 x 250 mm, painted 5x 9R 380 240 1 SB Slitting chisel straight DIY 28 x 240 mm, painted 5x 9R 380 241 1 SB Slitting chisel offset DIY 27 x 240 mm, painted 5x 9R 385 050 1 SB Jointing chisel DIY 50 x 250 mm, painted 2x 9R 386 050 1 SB Jointing chisel with handguard DIY 50 x 250 mm, painted 3x 9R 421 002 0 SB Tool set in metal box DIY 3x 9R 421 010 0 SB Chisel set in a foam tray DIY 3x 9R 421 014 0 SB Chisels, pin punches, centre punch set in a foam tray DIY 3x 9R 424 130 0 SB Taper punch set in metal box DIY 3x 9R 425 160 0 SB Parallel pin punch set in metal box DIY 1x 9R 429 131 Counter Display for Wad Punches 1x 9R 429 131 0 Initial content for Wad Punches Display 5x 9R 430 120 0 SB Centre punch DIY 120 x 10 x 4 mm 3x 9R 430 122 0 SB Centre punch with handguard DIY 120 x 10 x 4 mm 3x 9R 430 229 SB Automatic centre punch with handguard DIY, Ø 3.5 mm, 20 - 50 N 3x 9R 430 230 SB Automatic centre punch with handguard DIY, Ø 4 mm, 60 - 130 N 3x 9R 430 231 SB Automatic centre punch with handguard DIY, Ø 6 mm, 180 - 250 N 5x 9R 432 120 0 SB Centre punch DIY 120 x 12 x 5 mm 5x 9R 440 002 0 SB Taper punch DIY 120 x 10 x 2 mm 5x 9R 440 003 0 SB Taper punch DIY 120 x 10 x 3 mm 5x 9R 440 004 0 SB Taper punch DIY 120 x 10 x 4 mm 5x 9R 440 005 0 SB Taper punch DIY 120 x 10 x 5 mm 5x 9R 441 010 0 SB Taper punch DIY 120 x 12 x 10 mm 5x 9R 450 002 0 SB Parallel pin punch DIY 150 x 10 x 2 mm 5x 9R 450 003 0 SB Parallel pin punch DIY 150 x 10 x 3 mm 5x 9R 450 004 0 SB Parallel pin punch DIY 150 x 10 x 4 mm 5x 9R 450 005 0 SB Parallel pin punch DIY 150 x 10 x 5 mm 5x 9R 450 006 0 SB Parallel pin punch DIY 150 x 10 x 6 mm 5x 9R 450 007 0 SB Parallel pin punch DIY 150 x 12 x 7 mm 5x 9R 450 008 0 SB Parallel pin punch DIY 150 x 12 x 8 mm 5x 9R 450 010 0 SB Parallel pin punch DIY 150 x 12 x 10 mm 3x 9R 455 170 5 SB Impact aid with handguard DIY 170 mm, socket Ø 4.3 mm x 13 mm 3x 9R 471 901 3 SB Screw extractor set double-edged (5-piece) in metal box DIY

Sales aids

POS materials available

- Perforated panels for tool bars – 1000 x 400 mm

1



- Assortment panels in different languages

2

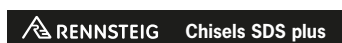


- Product panels in various languages and sizes

3



4



5



6



7



- Hooks for perforated panels in various designs

8



9



10



- Shelf for display for wad punches

11



- Out of stock cards in different sizes

12



13



14



15



16



· POS materials required for basic module 1

Selection	Quantity	Description	Dimensions mm
1	4	Perforated panel, round perforation	1000 x 400
2	1	Assortment panel	1000 x 70
3 4 5	3	Product panel	410 x 40
7	1	Product panel	205 x 120
8	45	Double hook with flap closure	200
9	1	Single hook with flap closure	200
10	5	Hook for article with handguard	200
12	8	Out of stock card	44 x 120
14	24	Out of stock card	44 x 210
15	5	Out of stock card	60 x 210
16	10	Out of stock card	44 x 280

· POS materials required for basic module 2

Selection	Quantity	Description	Dimensions mm
1	5	Perforated panel, round perforation	1000 x 400
2	1	Assortment panel	1000 x 70
3 4 5	4	Product panel – 2x panel 3	410 x 40
6	1	Product panel	300 x 26
7	1	Product panel	205 x 120
8	76	Double hook with flap closure	200
9	1	Single hook with flap closure	200
10	5	Hook for article with handguard	200
11	1	Shelf for display	300 x 200
12	8	Out of stock card	44 x 120
13	19	Out of stock card	44 x 185
14	36	Out of stock card	44 x 210
15	5	Out of stock card	60 x 210
16	10	Out of stock card	44 x 280

Info

Would you like to present our tools in your sales rooms with our new POS concept?
Feel free to contact us – we will find a solution for you.

Notes

Index Article Number

9R 140 002 0	44	9R 330 300 1 SB	25	9R 430 231 SB	9
9R 140 003 0	44	9R 330 300 19	25	9R 431 120 0	11
9R 140 004 0	44	9R 330 350 1	25	9R 432 120 0	11
9R 140 005 0	44	9R 330 350 1 SB	25	9R 432 120 0 SB	11
9R 140 006 0	44	9R 330 400 1	25	9R 433 150 0	11
9R 140 007 0	44	9R 330 400 1 SB	25	9R 434 150 0	11
9R 140 008 0	44	9R 330 400 19	25	9R 439 129	9
9R 140 009 0	44	9R 331 300 1	25	9R 439 130	9
9R 140 010 0	44	9R 331 300 19	25	9R 439 131	9
9R 140 011 0	44	9R 331 350 1 SB	25	9R 440 002 0	20
9R 140 012 0	44	9R 340 200 1	24	9R 440 002 0 SB	20
9R 140 013 0	44	9R 340 250 1	24	9R 440 003 0	20
9R 140 014 0	44	9R 340 300 1	24	9R 440 003 0 SB	20
9R 140 015 0	44	9R 340 350 1	24	9R 440 004 0	20
9R 140 016 0	44	9R 350 200 1	23	9R 440 004 0 SB	20
9R 140 018 0	44	9R 350 200 1 SB	23	9R 440 005 0	20
9R 140 019 0	44	9R 350 250 1	23	9R 440 005 0 SB	20
9R 140 020 0	44	9R 350 250 1 SB	23	9R 441 010 0 SB	20
9R 140 900 0	45	9R 350 300 1 SB	23	9R 445 135 5	19
9R 140 902 0	45	9R 350 300 19	23	9R 445 136 5	19
9R 212 00090	37	9R 350 350 1	23	9R 450 002 0	14
9R 212 00090 SB	37	9R 350 350 1 SB	23	9R 450 002 0 SB	14
9R 212 00094 SB	37	9R 350 400 1 SB	23	9R 450 003 0	14
9R 212 00096	37	9R 350 400 19	23	9R 450 003 0 SB	14
9R 212 00096 SB	37	9R 351 300 1	23	9R 450 004 0	14
9R 212 14000 SB	36	9R 351 300 19	23	9R 450 004 0 SB	14
9R 212 14001 SB	36	9R 351 350 1	23	9R 450 005 0	14
9R 212 14020 SB	36	9R 351 350 1 SB	23	9R 450 005 0 SB	14
9R 212 17017 SB	36	9R 360 202 1	27	9R 450 006 0	14
9R 212 17018 SB	36	9R 360 252 1	27	9R 450 006 0 SB	14
9R 212 25000	36	9R 361 202 1 SB	27	9R 450 007 0 SB	14
9R 212 25000 SB	36	9R 361 252 1	27	9R 450 008 0	14
9R 212 25001	36	9R 361 252 1 SB	27	9R 450 008 0 SB	14
9R 212 25001 SB	36	9R 361 253 1 SB	27	9R 450 010 0	14
9R 212 25002 SB	36	9R 361 255 1	28	9R 450 010 0 SB	14
9R 212 25003 SB	36	9R 361 255 1 SB	28	9R 450 025 0	14
9R 212 25005 SB	36	9R 361 256 1 SB	28	9R 451 012 0	14
9R 212 25009	36	9R 361 305 1	28	9R 451 308 0 SB	16
9R 212 25009 SB	36	9R 361 305 1 SB	28	9R 451 310 0 SB	16
9R 212 25014	36	9R 362 252 1	27	9R 451 312 0 SB	16
9R 212 25014 SB	36	9R 366 250 1	26	9R 451 314 0 SB	16
9R 212 25015 SB	36	9R 366 250 1 SB	26	9R 451 316 0 SB	16
9R 271 1000 2	40	9R 367 250 1 SB	26	9R 455 170 5	19
9R 271 400 2	40	9R 370 125 1	28	9R 455 170 5 SB	19
9R 271 400 2 SB	40	9R 380 240 1	29	9R 457 100 5	18
9R 271 500 2	40	9R 380 240 1 SB	29	9R 460 200 0	46
9R 271 600 2	40	9R 380 241 1	30	9R 462 150 0	47
9R 271 600 2 SB	40	9R 380 241 1 SB	30	9R 470 001 3	43
9R 271 700 2	40	9R 385 050 1	24	9R 470 002 3	43
9R 271 800 2	40	9R 385 050 1 SB	24	9R 470 900 3	43
9R 271 800 2 SB	40	9R 385 060 1	24	9R 470 901 3	43
9R 2722 270 2	41	9R 385 070 1	24	9R 470 902 3	43
9R 2722 270 2 SB	41	9R 386 050 1 SB	24	9R 471 001 3	42
9R 275 1000 2	39	9R 386 080 1	24	9R 471 002 3	42
9R 275 600 2	39	9R 421 000 0	33	9R 471 900 3	42
9R 275 800 2	39	9R 421 002 0	33	9R 471 901 3	42
9R 276 1000 2	39	9R 421 002 0 SB	33	9R 471 901 3 SB	42
9R 276 400 2	39	9R 421 010 0 SB	33		
9R 276 500 2	39	9R 421 011 0 SB	33		
9R 276 600 2	39	9R 421 014 0 SB	33		
9R 276 800 2	39	9R 421 102 0	33		
9R 278 014 2 SB	41	9R 421 102 0 SB	33		
9R 278 016 2 SB	41	9R 424 120 0	21		
9R 278 020 2 SB	41	9R 424 130 0	21		
9R 310 100 1 SB	31	9R 424 130 0 SB	21		
9R 310 150 1	31	9R 424 142 0 SB	21		
9R 310 150 1 SB	31	9R 425 152 0	15		
9R 310 175 1	31	9R 425 154 0	17		
9R 310 175 1 SB	31	9R 425 160 0	15		
9R 310 200 1	31	9R 425 160 0 SB	15		
9R 310 200 1 SB	31	9R 425 170 0	15		
9R 310 250 1	31	9R 425 502 6 SB	15		
9R 310 250 1 SB	31	9R 425 530 6 RC	15		
9R 310 300 1	31	9R 429 131	45		
9R 310 300 1 SB	31	9R 429 131 0	45		
9R 310 350 1 SB	31	9R 430 100 0	11		
9R 310 400 1	31	9R 430 100 0 SB	11		
9R 320 100 1 SB	32	9R 430 120 0	11		
9R 320 125 1 SB	32	9R 430 120 0 SB	11		
9R 320 150 1	32	9R 430 122 0 SB	11		
9R 320 150 1 SB	32	9R 430 129	9		
9R 320 200 1	32	9R 430 130	9		
9R 320 200 1 SB	32	9R 430 131	9		
9R 320 250 1	32	9R 430 143	10		
9R 330 200 1	25	9R 430 229	9		
9R 330 200 1 SB	25	9R 430 229 SB	9		
9R 330 250 1	25	9R 430 230	9		
9R 330 250 1 SB	25	9R 430 230 SB	9		
9R 330 300 1	25	9R 430 231	9		



50° 40' 18" N
10° 33' 18" E

Manufacturer

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