



**KUKKO**  
Tool factory

A world **in motion**  
since 1919!

**TURNUS**



# General catalogue

TURNUS tool program

EN  
2017/2018





# KUKKO tool factory a world in motion since 1919!

**KUKKO-Werkzeugfabrik Kleinbongartz & Kaiser oHG is the manufacturer of extractor tools for users in trade and industry.**

In 1919, Kleinbongartz & Kaiser oHG, the core company of today's KUKKO Group, was founded by Alfred Kleinbongartz and his brother-in-law Emil Kaiser in Remscheid, the centre of the German tool industry.

As of October 2013, the company location is in Hilden. KUKKO has been an independent, owner-run family company for four generations and is one of the world's leading producers of extractor tools of all kinds.

From the very beginning, KUKKO specialized in the development and manufacturing of extractor tools for the non-destructive dismantling of gears, bearings, ball bearings and similar components in all areas of technology.

To this day, the product lines, extractor tools and dismantling tools are the core business of the KUKKO Group.

Numerous German and foreign patents, registered designs, and utility models bear witness to the intensive, continuous and successful development work.



# Hilden Logistics Center

**State-of-the-art storage technology - Global distribution - Supply capability as a success factor**

An optimized organization, state-of-the-art data technology and the new, automated small parts warehouse at the Hilden location guarantee that 95 per cent of customer orders received at the factory are shipped within 24 hours. In the tool industry, this warehouse is the most modern of its kind. In addition to shipping, it also supplies our company's production.





# 3 Innovation, competence, quality, service and customer proximity

**have for decades been the foundation of the company's success in the world's markets. More than 60% of production is exported and sold worldwide in more than 100 countries.**

The success with more than 150 extractor types in more than 500 different implementation sizes has, over time, resulted in the KUKKO brand name becoming synonymous with extractor tools.

Strict adherence to the requirements of the customer benefit – as well its modernity, high technical competence, significant financial power, and timely customer service – has made KUKKO an esteemed partner of the retail trade and one of the top European system suppliers in the workshop area of the automotive industry.

# 4 Design and modeling

**3D printing technology in the early design phase**

The tradition of technical drawing on paper was digitalized a long time ago. Today, an engineer can use professional CAD applications for the design and construction of technical solutions. They can be used to create a virtual model of three-dimensional objects using a computer. One great advantage here is the spatial representation of the object as needed.



Meanwhile, it is also possible to quickly create the previously produced 3D model with cutting-edge printing technology early on in the design phase.





# Knowledge management

## Shorter distances, faster design

With the integration of Confluence into the operation, the current design status of any product can be viewed at any time. Using defined data on deadlines and allocation to teams and people, what is missing, who is responsible, and when the task must be completed can all be seen at a glance.

The schedule for the development of a new tool is designed and established from the start through to completion. The clear allocation of tasks and their due dates help prevent unnecessary down times. The development phase is significantly optimized with Confluence.

The customer can also see the transparency of the product development. Specific customer projects can always be monitored and, if necessary, immediately corrected.

*“ Project status and deadlines globally visualized. ”*





# Information about the KUKKO product range

You can find this on our homepage [www.kukko.com](http://www.kukko.com)

We have made plenty of information available for you in the download area. You will find detailed information and application videos concerning the product.



Would you like to order spare parts? You can do this quickly and easily, because almost all the components are available and numbered as spare parts. In the service area of our homepage, you will find the spare parts list for downloading.












## KUKKO catalogue

**The primary product areas at KUKKO are pulling, fitting and removal of ball bearings, nut splitting, extractors, thread repair, wrenches and striking tools.**

Are you looking for the right puller? The KUKKO product range includes the appropriate tools for your application. Whether pullers, nut splitters or wrenches, KUKKO supplies tools with the top quality you expect. You can download the current catalogue under downloads in the service area at: [www.KUKKO.com](http://www.KUKKO.com). Our website also offers you fast access to all KUKKO products via the KUKKO Products tab.

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**Gesamtkatalog / General catalogue**

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Our general terms of business form the basis of this catalogue. Measurements and weights are only approximate.

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# Vises

## Feilkloben

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## Hand vises for machines

With wide jaw, for clamping workpieces.

# 101








### Description

- Bracket from sturdy, alloyed, hardened and tempered steel, galvanized.
- Joint guide.
- Covered, captive round steel spring.
- Internal side of the jaw is serrated with prismatic incision.
- Wingnut

### Advantage

- Universal application.
- Extremely robust.

Art.-No.	 4027474	 mm	 mm	 mm	
<b>101-100</b>	-535049	18	40	100	1
<b>101-120</b>	-535124	22	45	120	1
<b>101-130</b>	-535209	25	48	130	1
<b>101-145</b>	-535384	28	52	145	1
<b>101-160</b>	-535469	35	58	160	1
<b>101-180</b>	-535537	40	60	180	1
<b>101-200</b>	-535612	45	65	200	1

## Hand vises with wrench

With wide jaw, hexagonal nut and wrench for clamping workpieces.

# 103








### Description

- Bracket from sturdy, alloyed, hardened and tempered steel, galvanized.
- Joint guide.
- Covered, captive round steel spring.
- Internal side of the jaw is serrated with prismatic incision.
- Wingnut

### Advantage

- Quick attachment using wrench.
- Universal application.
- Extremely robust.

Art.-No.	 4027474	 mm	 mm	 mm	
<b>103-160</b>	-909833	35	58	160	1
<b>103-180</b>	-527952	40	60	180	1
<b>103-200</b>	-528034	45	65	200	1

**Hand vises, double strong**






With wide jaw, hexagonal nut and wrench for clamping workpieces.

**106****Description**

- Bracket from sturdy, alloyed, hardened and tempered steel, galvanized.
- Joint guide.
- Covered, captive round steel spring.
- Internal side of the jaw is serrated with prismatic incision.

**Advantage**

- Quick attachment using wrench.
- Universal application.
- Extremely rugged design.

Art.-No.	 4027474	 mm	 mm	 mm	
<b>106-180</b>	-528782	40	68	180	1
<b>106-200</b>	-528867	45	70	200	1

**Hand vises for installers**






With wide jaw, hexagonal nut and wrench for clamping workpieces.

**107****Description**

- Bracket from sturdy, alloyed, hardened and tempered steel, galvanized.
- Joint guide.
- Covered, captive round steel spring.
- Serrated surface inside the jaw.

**Advantage**

- Quick attachment using wrench.
- Universal application.
- Extremely robust.

Art.-No.	 4027474	 mm	 mm	 mm	
<b>107-200</b>	-528942	50	85	200	1

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### All-steel clamps

With wide jaw, hexagonal nut and wrench for clamping workpieces.

# 109








#### Description

- Bracket from sturdy, alloyed, hardened and tempered steel, galvanized.
- Joint guide.
- Covered, captive round steel spring.
- Internal side of the jaw is serrated with prismatic incision.
- Wingnut

#### Advantage

- Quick attachment using wrench.
- Universal application.
- Extremely robust.

Art.-No.	 4027474	 mm	 mm	 mm	
<b>109-160</b>	-529024	40	65	160	1
<b>109-180</b>	-529109	40	70	180	1
<b>109-200</b>	-529284	50	80	200	1
<b>109-250</b>	-529369	60	90	250	1

### Small stem file vises

With pointed jaw for clamping workpieces in combination with series 520

# 112








#### Description

- Bracket from sturdy, alloyed, hardened and tempered steel, galvanized.
- Joint guide.
- Covered, captive round steel spring.

#### Advantage

- Universal application.
- Extremely robust.

Art.-No.	 4027474	 mm	 mm	 mm	
<b>112-125</b>	-529444	30	30	125	1
<b>112-150</b>	-529512	35	40	150	1



### Small stem file vises

With fine jaws for clamping particularly fine workpieces.

# 113







#### Description

- Bracket from sturdy, alloyed, hardened and tempered steel, galvanized.
- Joint guide.
- Covered, captive round steel spring.
- Internal side of the jaw is serrated with prismatic incision.
- Wingnut

#### Advantage

- Secure hold thanks to knurled handle.
- Universal application.
- Extremely robust.

Art.-No.	 4027474	 mm	 mm	
<b>113-115</b>	-599232	16	115	1
<b>113-116</b>	-589745	7	115	1
<b>113-130</b>	-599317	20	130	1
<b>113-131</b>	-589820	10	130	1

### Hydraulics

With pointed jaw for clamping workpieces.

# 102








#### Description

- Bracket from sturdy, alloyed, hardened and tempered steel, galvanized.
- Joint guide.
- Covered, captive round steel spring.
- Serrated surface inside the jaw.
- Wingnut

#### Advantage

- Universal application.
- Extremely robust.

Art.-No.	 4027474	 mm	 mm	 mm	
<b>102-120</b>	-527617	20	13	120	1

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# Clamps

## Schraubzwingen

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**All steel clamp VIRIDIS with 3K comfort handle**

For pressing and clamping several workpieces.

**469+**







**Description**

- Tension power of up to 5,000 N.
- 3-part handle.
- Pressure plate with integrated spindle lock.
- Trapezoidal threaded spindle, gun-metal finished.
- Fixed clamp treated with cold-formed sectional steel.

**Advantage**

- 3-part handle for maximum transfer of force, even when hands are wet or greasy.
- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.	 4027474	 mm	 mm	
<b>469+0100-050</b>	-018658	100 x 50	11,5 x 5,7	10
<b>469+0200-050</b>	-019334	200 x 50	11,5 x 5,7	10
<b>469+0300-050</b>	-020804	300 x 50	11,5 x 5,7	10
<b>469+0120-060</b>	-018726	120 x 60	13,5 x 6,5	10
<b>469+0200-060</b>	-019716	200 x 60	13,5 x 6,5	10
<b>469+0300-060</b>	-020842	300 x 60	13,5 x 6,5	10
<b>469+0160-080</b>	-018771	160 x 80	16 x 7,5	10
<b>469+0200-080</b>	-020156	200 x 80	16 x 7,5	10
<b>469+0300-080</b>	-020910	300 x 80	16 x 7,5	10
<b>469+0400-080</b>	-021832	400 x 80	16 x 7,5	10
<b>469+0200-100</b>	-020224	200 x 100	19,5 x 9,5	10
<b>469+0250-100</b>	-020392	250 x 100	19,5 x 9,5	10
<b>469+0300-100</b>	-021078	300 x 100	19,5 x 9,5	10
<b>469+0400-100</b>	-021900	400 x 100	19,5 x 9,5	10
<b>469+0250-120</b>	-020460	250 x 120	22 x 10,5	10
<b>469+0300-120</b>	-021214	300 x 120	22 x 10,5	10
<b>469+0400-120-S</b>	-548506	400 x 120	22 x 10,5	10
<b>469+0600-120-S</b>	-548513	600 x 120	22 x 10,5	10
<b>469+0300-140</b>	-021764	300 x 140	25 x 12	10
<b>469+0400-120</b>	-021986	400 x 120	25 x 12	5
<b>469+0500-120</b>	-022068	500 x 120	25 x 12	5
<b>469+0600-120</b>	-022204	600 x 120	25 x 12	5
<b>469+0800-120</b>	-022372	800 x 120	27 x 13	5
<b>469+1000-120</b>	-022419	1000 x 120	27 x 13	5
<b>469+1250-120</b>	-022518	1250 x 120	27 x 13	1
<b>469+1500-120</b>	-022525	1500 x 120	27 x 13	1



**All steel screw clamps VIRIDIS with wood handle**




For pressing and clamping several workpieces.

**469****Description**

- Tension power of up to 5,000 N.
- Wooden handle
- Pressure plate with integrated spindle lock.
- Trapezoidal threaded spindle, gun-metal finished.
- Fixed clamp treated with cold-formed sectional steel.

**Advantage**

- No risk of injury from ridges thanks to covered grip attachment in the wooden handle.
- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.	 4027474	 mm	 mm	
<b>469-0100-050</b>	-140304	100 x 50	11,5 x 5,7	10
<b>469-0200-050</b>	-022822	200 x 50	11,5 x 5,7	10
<b>469-0300-050</b>	-023676	300 x 50	11,5 x 5,7	10
<b>469-0120-060</b>	-022686	120 x 60	13,5 x 6,5	10
<b>469-0200-060</b>	-022990	200 x 60	13,5 x 6,5	10
<b>469-0300-060</b>	-023744	300 x 60	13,5 x 6,5	10
<b>469-0160-080</b>	-022754	160 x 80	16 x 7,5	10
<b>469-0200-080</b>	-023058	200 x 80	16 x 7,5	10
<b>469-0300-080</b>	-023812	300 x 80	16 x 7,5	10
<b>469-0400-080</b>	-024598	400 x 80	16 x 7,5	10
<b>469-0200-100</b>	-023126	200 x 100	19,5 x 9,5	10
<b>469-0250-100</b>	-023232	250 x 100	19,5 x 9,5	10
<b>469-0300-100</b>	-023980	300 x 100	19,5 x 9,5	10
<b>469-0400-100</b>	-024666	400 x 100	19,5 x 9,5	10
<b>469-0250-120</b>	-023294	250 x 120	22 x 10,5	10
<b>469-0300-120</b>	-024116	300 x 120	22 x 10,5	10
<b>469-0400-120-S</b>	-548520	400 x 120	22 x 10,5	10
<b>469-0600-120-S</b>	-548537	600 x 120	22 x 10,5	10
<b>469-0300-140</b>	-024284	300 x 140	25 x 12	10
<b>469-0400-120</b>	-024734	400 x 120	25 x 12	5
<b>469-0500-120</b>	-024802	500 x 120	25 x 12	5
<b>469-0600-120</b>	-024970	600 x 120	25 x 12	5
<b>469-0800-120</b>	-025038	800 x 120	27 x 13	5
<b>469-1000-120</b>	-025106	1000 x 120	27 x 13	5
<b>469-1250-120</b>	-025274	1250 x 120	27 x 13	1
<b>469-1500-120</b>	-025342	1500 x 120	27 x 13	1

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**All steel clamp VIRIDIS with locking handle**

For clamping and pressing several workpieces.

# 469K







**Description**

- Tension power of up to 5,000 N.
- Locking handle
- Pressure plate with integrated spindle lock.
- Trapezoidal threaded spindle, gun-metal finished.
- Fixed clamp treated with cold-formed sectional steel.

**Advantage**

- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.	 4027474	 mm	 mm	
<b>469K0160-080</b>	-025410	160 x 80	16 x 7,5	10
<b>469K0200-100</b>	-025519	200 x 100	19,5 x 9,5	10
<b>469K0250-120</b>	-025588	250 x 120	22 x 10,5	10
<b>469K0300-140</b>	-025656	300 x 140	25 x 12	10
<b>469K0400-120</b>	-026264	400 x 120	25 x 12	10
<b>469K0500-120</b>	-026646	500 x 120	25 x 12	5
<b>469K0600-120</b>	-027636	600 x 120	25 x 12	5
<b>469K0800-120</b>	-027872	800 x 120	27 x 13	5
<b>469K1000-120</b>	-027940	1000 x 120	27 x 13	5
<b>469K1250-120</b>	-028008	1250 x 120	27 x 13	5
<b>469K1500-120</b>	-028480	1500 x 120	27 x 13	1

**All steel clamp VIRIDIS with 3K comfort/flipper handle**

For clamping and pressing several workpieces.

# 469UH







**Description**

- Tension power of up to 5,000 N.
- Lever handle.
- Pressure plate with integrated spindle lock.
- Trapezoidal threaded spindle, gun-metal finished.
- Fixed clamp treated with cold-formed sectional steel.

**Advantage**

- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.	 4027474	 mm	 mm	
<b>469U+0200-100</b>	-028862	200 x 100	19,5 x 9,5	10
<b>469U+0250-120</b>	-028930	250 x 120	22 x 10,5	10
<b>469U+0300-140</b>	-029098	300 x 140	25 x 12	10
<b>469U+0400-120</b>	-029166	400 x 120	25 x 12	5
<b>469U+0600-120</b>	-029234	600 x 120	25 x 12	5

**All steel clamp quick lever VIRIDIS**

For fast and effortless clamping of several workpieces with high clamping pressure.





# 472

**Description**

- Tension power of up to 8,000 N.
- Lever handle
- Fixed clamp treated with cold-formed sectional steel.
- Hardened sliding arm, die-forged.

**Advantage**

- Larger power reserves thanks to streamlined rail profile for an even application of clamping forces, particular when the clamping width is working at full capacity.
- Up to 5 times faster than standard clamps.
- Self-locking, not affected by vibrations.
- Release lever with non-slip protection.

Art.-No.	 4027474	 mm	 mm	
<b>472H0120-060</b>	-029302	120 x 60	13,5 x 6,5	10
<b>472H0160-080</b>	-030292	160 x 80	16 x 7,5	10
<b>472H0200-100</b>	-030360	200 x 100	19,5 x 9,5	10
<b>472H0250-120</b>	-030438	250 x 120	22 x 10,5	10
<b>472H0300-140</b>	-030506	300 x 140	25 x 12	10
<b>472H0400-120</b>	-030674	400 x 120	25 x 12	5
<b>472H0500-120</b>	-030742	500 x 120	25 x 12	5
<b>472H0600-120</b>	-030810	600 x 120	25 x 12	5
<b>472H0800-120</b>	-030988	800 x 120	27 x 13	5
<b>472H1000-120</b>	-031046	1000 x 120	27 x 13	5

**Heavy U-clamps**

For clamping T and double-T profiles from both sides without any allowance or supplementary support.





# 475-U

**Description**

- Tension power of up to 12,000 N.
- Locking handle
- Moving special push cap.
- Hexagonal spindle.
- Trapezoidal threaded spindle, gun-metal finished.

**Advantage**

- Moving special press cap enables sloping workpieces up to 35° to be clamped.
- Hexagonal design enables a wrench, ratchet spanner or impact wrench to be used.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.	 4027474	 mm	 mm	
<b>476K0300-140</b>	-003432	300x40	30x15	10

**All steel clamp VIRIDIS with locking handle**

# 473K


**Description**

- Tension power of up to 8,500 N.
- Locking handle
- Moving special push cap.
- Hexagonal spindle.
- Trapezoidal threaded spindle, gun-metal finished.

**Advantage**

- Moving special press cap enables sloping workpieces up to 35° to be clamped.
- Hexagonal design enables a wrench, ratchet spanner or impact wrench to be used.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.					
	4027474	mm	mm	Schlüsselweite	
<b>473K0200-120</b>	-031596	200 x 120	27 x 13	14	5
<b>473K0250-120</b>	-031664	250 x 120	27 x 13	14	5
<b>473K0300-120</b>	-031732	300 x 120	27 x 13	14	5
<b>473K0400-120</b>	-031800	400 x 120	27 x 13	14	5
<b>473K0500-120</b>	-031978	500 x 120	27 x 13	14	5
<b>473K0600-120</b>	-032036	600 x 120	27 x 13	14	5

**Heavy duty all steel fitters clamp VIRIDIS with locking handle**
**For difficult and demanding conditions when clamping workpieces in steel constructions, locksmiths, commercial vehicle construction, mechanical engineering, etc.**

# 475K


**Description**

- Tension power of up to 12,000 N.
- Locking handle
- Moving special push cap.
- Hexagonal spindle.
- Trapezoidal threaded spindle, gun-metal finished.

**Advantage**

- Moving special press cap enables sloping workpieces up to 35° to be clamped.
- Hexagonal design enables a wrench, ratchet spanner or impact wrench to be used.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.					
	4027474	mm	mm	Schlüsselweite	
<b>475K0250-120</b>	-032104	250 x 120	30 x 15	17	5
<b>475K0300-140</b>	-032272	300 x 140	30 x 15	17	5
<b>475K0500-140</b>	-032418	500 x 140	30 x 15	17	5
<b>475K0800-140</b>	-032586	800 x 140	30 x 15	17	5
<b>475K1000-120</b>	-032654	1000 x 120	30 x 15	17	5
<b>475K1250-120</b>	-032722	1250 x 120	30 x 15	17	1
<b>475K1500-120</b>	-032890	1500 x 120	30 x 15	17	1

**All steel clamp VIRIDIS with locking handle**
**For extremely difficult and demanding conditions when clamping workpieces in steel constructions, locksmiths, commercial vehicle construction, mechanical engineering, etc.**

# 480K

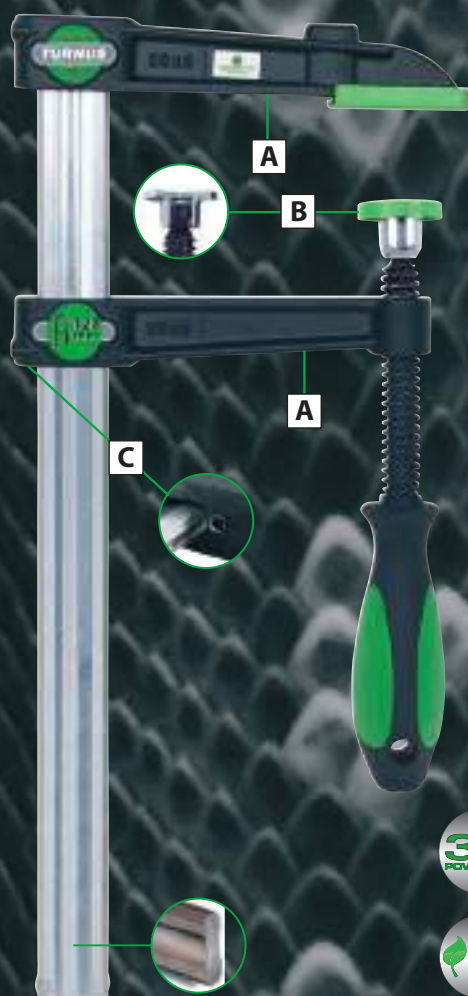

**Description**

- Tension power of up to 22,000 N.
- Locking handle
- Moving special push cap.
- Hexagonal spindle.
- Trapezoidal threaded spindle, gun-metal finished.

**Advantage**

- Moving special press cap enables sloping workpieces up to 35° to be clamped.
- Hexagonal design enables a wrench, ratchet spanner or impact wrench to be used.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.				
	4027474	mm	mm	
<b>480K0300-175</b>	-033026	300 x 175	40 x 20	1
<b>480K0400-175</b>	-033262	400 x 175	40 x 20	1
<b>480K0500-175</b>	-033330	500 x 175	40 x 20	1
<b>480K0600-175</b>	-033408	600 x 175	40 x 20	1
<b>480K0800-175</b>	-033880	800 x 175	40 x 20	1
<b>480K1000-175</b>	-033958	1000 x 175	40 x 20	1
<b>480K1250-175</b>	-034184	1250 x 175	40 x 20	1
<b>480K1500-175</b>	-034252	1500 x 175	40 x 20	1

**TURNUS**<sup>®</sup>A world **in motion**  
since 1919!

Heavy-duty type for **extremely high** clamping force in trade and industry

- A** • Reinforced arms for powerful clamping, with durable corrosion protection
- Soft plastic caps protect sensitive surfaces
- B** • Integrated spindle lock in pressure plate prevents spindle loosening from vibration
- C** • Integrated inner slip guard (projection 80 mm and above)
- Smooth-running Acme-thread spindle, burnished
- Safety hollow-section bar, grooved and galvanized

**VIRIDIS clamps are available in three versions:**

- Three-component comfort handle for easy application of very high clamping force without slipping, even with wet or oily hands
- Ergonomic wooden handle with covered grip attachment to prevent injuries from sharp edges
- Steel T-handle with coated ends



## Malleable cast iron clamp VIRIDIS with 3K comfort handle

For pressing and clamping several workpieces.

# 490+







### Description

- Tension power of up to 6,000 N.
- 3-part handle.
- E-coating.
- Label with information regarding clamping span.
- Pressure plate with integrated spindle lock.

### Advantage

- 3-part handle for maximum transfer of force, even when hands are wet or greasy.
- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Quick overview of all dimensions thanks to high-quality labelling with stickers in the clamps.
- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Soft plastic protective caps to protect sensitive surfaces on workpieces.

Art.-No.	 4027474	 mm	 mm	
490+0100-050	-034498	100 x 50	15 x 5	10
490+0150-050	-034634	150 x 50	15 x 5	10
490+0200-050	-034870	200 x 50	15 x 5	10
490+0120-065	-034566	120 x 65	22 x 6	10
490+0200-065	-487201	200 x 65	22 x 6	10
490+0300-065	-035488	300 x 65	22 x 6	10
490+0160-080	-034702	160 x 80	22 x 6	10
490+0200-080	-035006	200 x 80	22 x 6	10
490+0250-080	-035211	250 x 80	22 x 6	10
490+0300-080	-035556	300 x 80	22 x 6	10
490+0400-080	-035846	400 x 80	22 x 6	10
490+0200-100	-035174	200 x 100	30 x 8	10
490+0250-100	-035242	250 x 100	30 x 8	10
490+0300-100	-035594	300 x 100	30 x 8	10
490+0400-100	-035853	400 x 100	30 x 8	10
490+0500-100	-036300	500 x 100	30 x 8	10
490+0250-120	-035310	250 x 120	30 x 8	10
490+0300-120	-035600	300 x 120	30 x 8	10
490+0400-120	-036096	400 x 120	30 x 8	10
490+0500-120	-036478	500 x 120	30 x 8	10
490+0600-120	-036782	600 x 120	30 x 8	5
490+0800-120	-037086	800 x 120	30 x 8	5
490+1000-120	-037604	1000 x 120	30 x 8	5
490+0300-140	-035617	300 x 140	35 x 9	10
490+0400-140	-036164	400 x 140	35 x 9	5
490+0500-140	-036546	500 x 140	35 x 9	5
490+0600-140	-036850	600 x 140	35 x 9	5
490+0800-140	-037154	800 x 140	35 x 9	5
490+1000-140	-037772	1000 x 140	35 x 9	5
490+0400-175	-036232	400 x 175	35 x 9	5
490+0500-175	-036614	500 x 175	35 x 9	1
490+0600-175	-036928	600 x 175	35 x 9	1
490+0800-175	-037222	800 x 175	35 x 9	1
490+1000-175	-487218	1000 x 175	35 x 9	1

**Malleable cast iron clamp VIRIDIS with wooden handle**




For pressing and clamping several workpieces.

**490****Description**

- Tension power of up to 6,000 N.
- Wooden handle
- E-coating.
- Label with information regarding clamping span.
- Pressure plate with integrated spindle lock.

**Advantage**

- No risk of injury from ridges thanks to covered grip attachment in the wooden handle.
- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Quick overview of all dimensions thanks to high-quality labelling with stickers in the clamps.
- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Soft plastic protective caps to protect sensitive surfaces on workpieces.

Art.-No.	 4027474	 mm	 mm	
490-0100-050	-034320	100 x 50	15 x 5	10
490-0150-050	-038144	150 x 50	15 x 5	10
490-0200-050	-038212	200 x 50	15 x 5	10
490-0120-065	-037918	120 x 65	22 x 6	10
490-0200-065	-000608	200 x 65	22 x 6	10
490-0300-065	-001186	300 x 65	22 x 6	10
490-0120-080	-038076	120 x 80	22 x 6	10
490-0160-080	-038175	160 x 80	22 x 6	10
490-0200-080	-000615	200 x 80	22 x 6	10
490-0250-080	-000776	250 x 80	22 x 6	10
490-0300-080	-001193	300 x 80	22 x 6	10
490-0400-080	-001230	400 x 80	22 x 6	10
490-0500-080	-001339	500 x 80	22 x 6	10
490-0600-080	-001827	600 x 80	22 x 6	10
490-0200-100	-000622	200 x 100	30 x 8	10
490-0250-100	-001155	250 x 100	30 x 8	10
490-0300-100	-001209	300 x 100	30 x 8	10
490-0400-100	-001247	300 x 100	30 x 8	10
490-0500-100	-001438	500 x 100	30 x 8	10
490-0200-120	-000738	200 x 120	30 x 8	10
490-0250-120	-001162	250 x 120	30 x 8	10
490-0300-120	-001216	300 x 120	30 x 8	10
490-0400-120	-001254	400 x 120	30 x 8	10
490-0500-120	-001445	500 x 120	30 x 8	10
490-0600-120	-001957	600 x 120	30 x 8	5
490-0800-120	-002251	800 x 120	30 x 8	5
490-1000-120	-002282	1000 x 120	30 x 8	5
490-1250-120	-002404	1250 x 120	30 x 8	5
490-1500-120	-002572	1500 x 120	30 x 8	5
490-0300-140	-001223	300 x 140	35 x 9	10
490-0400-140	-001261	400 x 140	35 x 9	5
490-0500-140	-001452	500 x 140	35 x 9	5
490-0600-140	-002169	600 x 140	35 x 9	5
490-0800-140	-002268	800 x 140	35 x 9	5
490-1000-140	-002299	1000 x 140	35 x 9	5
490-0400-175	-001278	400 x 175	35 x 9	5
490-0500-175	-001605	500 x 175	35 x 9	1
490-0600-175	-002244	600 x 175	35 x 9	1
490-0800-175	-002275	800 x 175	35 x 9	1
490-1000-175	-002305	1000 x 175	35 x 9	1



**Malleable cast iron clamp VIRIDIS with locking handle**

For pressing and clamping several workpieces.

**490K**







**Description**

- Tension power of up to 6,000 N.
- Locking handle
- E-coating.
- Label with information regarding clamping span.
- Pressure plate with integrated spindle lock.

**Advantage**

- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Quick overview of all dimensions thanks to high-quality labelling with stickers in the clamps.
- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Soft plastic protective caps to protect sensitive surfaces on workpieces.
- Interior non-slip device on the sliding arm provides additional support and prevents the piece from slipping (from 80 mm outreach).

Art.-No.	 4027474	 mm	 mm	
<b>490K0160-080</b>	-002657	160 x 80	22 x 6	10
<b>490K0200-100</b>	-002671	200 x 100	30 x 8	10
<b>490K0250-120</b>	-002688	250 x 120	30 x 8	10
<b>490K0300-120</b>	-002695	300 x 120	30 x 8	10
<b>490K0400-120</b>	-002718	400 x 120	30 x 8	10
<b>490K0500-120</b>	-002732	500 x 120	30 x 8	10
<b>490K0600-120</b>	-002749	600 x 120	30 x 8	5
<b>490K0800-120</b>	-002756	800 x 120	30 x 8	5
<b>490K1000-120</b>	-002770	1000 x 120	30 x 8	5
<b>490K0300-140</b>	-002701	300 x 140	35 x 9	10
<b>490K0400-175</b>	-002725	400 x 175	35 x 9	5





Malleable cast iron clamp  
VIRIDIS with 3K comfort handle

**Tension power of up to 7,000 N.**

**3-part handle.**

**E-coating.**

**Label with information regarding clamping span.**

**Pressure plate with integrated spindle lock.**

# 493+



## Malleable cast iron clamp VIRIDIS with 3K comfort handle

For pressing and clamping several workpieces.

# 493+







### Description

- Tension power of up to 7,000 N.
- 3-part handle.
- E-coating.
- Label with information regarding clamping span.
- Pressure plate with integrated spindle lock.

### Advantage

- 3-part handle for maximum transfer of force, even when hands are wet or greasy.
- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Quick overview of all dimensions thanks to high-quality labelling with stickers in the clamps.
- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Soft plastic protective caps to protect sensitive surfaces on workpieces.

Art.-No.	 4027474	 mm	 mm	
<b>493+0400-120</b>	-002817	400 x 120	35 x 11	5
<b>493+0500-120</b>	-002824	500 x 120	35 x 11	5
<b>493+0600-120</b>	-002855	600 x 120	35 x 11	5
<b>493+0800-120</b>	-002862	800 x 120	35 x 11	5
<b>493+1000-120</b>	-002879	1000 x 120	35 x 11	5
<b>493+1250-120</b>	-003012	1250 x 120	35 x 11	5
<b>493+1500-120</b>	-003234	1500 x 120	35 x 11	5
<b>493+1800-120</b>	-003319	1800 x 120	35 x 11	1
<b>493+2000-120</b>	-003364	2000 x 120	35 x 11	1
<b>493+2200-120</b>	-003401	2200 x 120	35 x 11	1
<b>493+2500-120</b>	-003418	2500 x 120	35 x 11	1
<b>493+3000-120</b>	-003494	3000 x 120	35 x 11	1

**Malleable cast iron clamp VIRIDIS with wooden handle**





For pressing and clamping several workpieces.

**493****Description**

- Tension power of up to 7,000 N.
- Wooden handle
- E-coating.
- Label with information regarding clamping span.
- Pressure plate with integrated spindle lock.

**Advantage**

- No risk of injury from ridges thanks to covered grip attachment in the wooden handle.
- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Quick overview of all dimensions thanks to high-quality labelling with stickers in the clamps.
- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Soft plastic protective caps to protect sensitive surfaces on workpieces.

Art.-No.	 4027474	 mm	 mm	
<b>493-0400-120</b>	-003562	400 x 120	35 x 11	5
<b>493-0500-120</b>	-004262	500 x 120	35 x 11	5
<b>493-0600-120</b>	-004279	600 x 120	35 x 11	5
<b>493-0800-120</b>	-004286	800 x 120	35 x 11	5
<b>493-1000-120</b>	-004293	1000 x 120	35 x 11	5
<b>493-1250-120</b>	-004309	1250 x 120	35 x 11	5
<b>493-1500-120</b>	-004316	1500 x 120	35 x 11	5
<b>493-1800-120</b>	-004323	1800 x 120	35 x 11	1
<b>493-2000-120</b>	-004330	2000 x 120	35 x 11	1
<b>493-2200-120</b>	-004347	2200 x 120	35 x 11	1
<b>493-2500-120</b>	-004354	2500 x 120	35 x 11	1
<b>493-3000-120</b>	-004361	3000 x 120	35 x 11	1

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## Malleable cast iron clamp VIRIDIS with locking handle

For pressing and clamping several workpieces.

# 493K







### Description

- Tension power of up to 7,000 N.
- Locking handle
- E-coating.
- Label with information regarding clamping span.
- Pressure plate with integrated spindle lock.

### Advantage

- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Quick overview of all dimensions thanks to high-quality labelling with stickers in the clamps.
- Pressure plate with integrated spindle lock prevents loosening if the workpiece vibrates.
- Soft plastic protective caps to protect sensitive surfaces on workpieces.
- Interior non-slip device on the sliding arm provides additional support and prevents the piece from slipping (from 80 mm outreach).

Art.-No.	 4027474	 mm	 mm	
<b>493K0400-120</b>	-004378	400 x 120	35 x 11	5
<b>493K0500-120</b>	-004385	500 x 120	35 x 11	5
<b>493K0600-120</b>	-004392	600 x 120	35 x 11	5
<b>493K0800-120</b>	-004408	800 x 120	35 x 11	5
<b>493K1000-120</b>	-004415	1000 x 120	35 x 11	5
<b>493K1250-120</b>	-004460	1250 x 120	35 x 11	5
<b>493K1500-120</b>	-004477	1500 x 120	35 x 11	1
<b>493K2000-120</b>	-004484	2000 x 120	35 x 11	1
<b>493K2500-120</b>	-004491	2500 x 120	35 x 11	1
<b>493K3000-120</b>	-004507	3000 x 120	35 x 11	1

**Low torque cast iron screw clamps with 3K comfort grip**

For pressing and clamping large workpieces in construction and industry.





# 505+/509+

**Description**

- Tension power of up to 7,000 N.
- 3-part handle.
- E-coating.
- Pressure plate with integrated spindle lock.
- Trapezoidal threaded spindle, gun-metal finished.

**Advantage**

- 3-part handle for maximum transfer of force, even when hands are wet or greasy.
- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.	 4027474	 mm	 mm	
505+040	-944575	400 x 200	35 x 11	1
505+060	-944599	600 x 200	35 x 11	1
505+080	-944605	800 x 200	35 x 11	1
505+100	-944612	1000 x 200	35 x 11	1
506+040	-944629	400 x 250	45 x 12	1
506+060	-944636	600 x 250	45 x 12	1
506+080	-944643	800 x 250	45 x 12	1
506+100	-944650	1000 x 250	45 x 12	1
507+040	-944667	400 x 300	45 x 12	1
507+060	-944674	600 x 300	45 x 12	1
507+080	-944681	800 x 300	45 x 12	1
507+100	-944698	1000 x 300	45 x 12	1
508+040	-944704	400 x 400	45 x 12	1
508+060	-944711	600 x 400	45 x 12	1
508+080	-944728	800 x 400	45 x 12	1
508+100	-944735	1000 x 400	45 x 12	1
509+030	-944742	300 x 500	45 x 12	1
509+060	-944759	600 x 500	45 x 12	1
509+080	-944766	800 x 500	45 x 12	1

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### Low torque cast iron screw clamps with wood handle

For pressing and clamping large workpieces in construction and industry.

# 505/509







#### Description

- Tension power of up to 7,000 N.
- Wooden handle
- E-coating.
- Pressure plate with integrated spindle lock.
- Trapezoidal threaded spindle, gun-metal finished.

#### Advantage

- No risk of injury from ridges thanks to covered grip attachment in the wooden handle.
- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.		 mm	 mm	
505-040	-564995	400 x 200	35 x 11	1
505-060	-565077	600 x 200	35 x 11	1
505-080	-565152	800 x 200	35 x 11	1
505-100	-565237	1000 x 200	35 x 11	1
506-040	-565312	400 x 250	45 x 12	1
506-060	-565497	600 x 250	45 x 12	1
506-080	-565565	800 x 250	45 x 12	1
506-100	-565640	1000 x 250	45 x 12	1
507-040	-565725	400 x 300	45 x 12	1
507-060	-565800	600 x 300	45 x 12	1
507-080	-565985	800 x 300	45 x 12	1
507-100	-566067	1000 x 300	45 x 12	1
508-040	-566142	400 x 400	45 x 12	1
508-060	-566227	600 x 400	45 x 12	1
508-080	-660840	800 x 400	45 x 12	1
508-100	-566487	1000 x 400	45 x 12	1
509-030	-710194	300 x 500	45 x 12	1
509-060	-566630	600 x 500	45 x 12	1
509-080	-566715	800 x 500	45 x 12	1

### Low torque cast iron screw clamp with steel locking handle

For pressing and clamping large workpieces in construction and industry.

# 505K/509K







#### Description

- Tension power of up to 7,000 N.
- Locking handle
- E-coating.
- Pressure plate with integrated spindle lock.
- Trapezoidal threaded spindle, gun-metal finished.

#### Advantage

- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Smooth-running trapezoidal spindles for even better transfer of force.





Art.-No.		 mm	 mm	
505K040	-772482	400 x 200	35 x 11	1
505K060	-772550	600 x 200	35 x 11	1
505K080	-772635	800 x 200	35 x 11	1
505K100	-772710	1000 x 200	35 x 11	1
506K040	-772895	400 x 250	45 x 12	1
506K060	-772970	600 x 250	45 x 12	1
506K080	-773052	800 x 250	45 x 12	1
506K100	-773137	1000 x 250	45 x 12	1
507K040	-773212	400 x 300	45 x 12	1
507K060	-773397	600 x 300	45 x 12	1
507K080	-773472	800 x 300	45 x 12	1
507K100	-773540	1000 x 300	45 x 12	1
508K040	-773625	400 x 400	45 x 12	1
508K060	-773700	600 x 400	45 x 12	1
508K080	-773885	800 x 400	45 x 12	1
508K100	-773960	1000 x 400	45 x 12	1
509K030	-774042	300 x 500	45 x 12	1
509K060	-774127	600 x 500	45 x 12	1
509K080	-771805	800 x 500	45 x 12	1



Sales display Malleable Iron cast clamps, All steel clamps (appl. wood, metal)

# TVLW-10







Art.-No.	 4027474	 mm	 mm	
TVLW-10	-875312	1000	2200	1

Sales display Malleable Iron cast clamps, All steel clamps (appl. wood, metal)

# TVLW-20







Art.-No.	 4027474	 mm	 mm	
TVLW-20	-875329	1000	2200	1

Sales display Malleable Iron cast clamps, All steel clamps (appl. wood, metal)

# TVLW-30



Art.-No.	 4027474	 mm	 mm	
TVLW-30	-875336	1000	2200	1

Display

# 999



Art.-No.	 4027474	Inhalt content	
999-000	-693367	leer / empty	1

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## Clamps, drop forged

For pressing and clamping several workpieces.

# 361






### Description

- Tension power of up to 20,000 N.
- Locking handle.
- Pressure plate.
- Trapezoidal threaded spindle, gun-metal finished.
- High-quality special grade tool steel.

### Advantage

- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.		 mm	
<b>361-025</b>	-364717	25 x 25	1
<b>361-040</b>	-364731	40 x 30	1
<b>361-050</b>	-364755	50 x 36	1
<b>361-075</b>	-364779	75 x 45	1
<b>361-100</b>	-364793	100 x 55	1
<b>361-125</b>	-364816	125 x 55	1
<b>361-150</b>	-364830	150 x 75	1
<b>361-200</b>	-364854	200 x 90	1
<b>361-250</b>	-364878	250 x 100	1
<b>361-300</b>	-364892	300 x 125	1
<b>361-350</b>	-364915	350 x 155	1

## Other clamps

For spring-loaded elastic clamping for several workpieces.

# 365






### Description

- Tension power of up to 15,000 N.
- Locking handle.
- Press cap.
- Trapezoidal threaded spindle, gun-metal finished.
- All-steel rail profile.

### Advantage

- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.		 mm	
<b>365-050</b>	-915742	50 x 50	1
<b>365-075</b>	-915759	75 x 50	1
<b>365-100</b>	-915766	100 x 60	1
<b>365-150</b>	-915773	150 x 75	1
<b>365-200</b>	-915780	200 x 90	1
<b>365-250</b>	-915797	250 x 100	1

## C-clamps, with fine metric threads

For pressing and clamping several workpieces.

# 420






### Description

- Tension power of up to 4,000 N.
- Locking handle
- Press cap.
- Spindle with fine thread, galvanized.
- High-quality special grade tool steel.

### Advantage

- Smooth-running spindle with metric thread for an accurate transfer of force.

Art.-No.		 mm	
<b>420-028</b>	-604677	28 x 25	1
<b>420-053</b>	-604752	53 x 38	1
<b>420-078</b>	-604837	78 x 50	1
<b>420-105</b>	-604912	105 x 60	1
<b>420-130</b>	-605094	130 x 70	1
<b>420-155</b>	-667122	155 x 76	1
<b>420-206</b>	-605179	206 x 86	1





## Fairs

**KUKKO is on the spot**

We are on several industry trade fairs, Innotrans, Automechanika, BearingNet Conference and Eisenwaremesse. We always have an open ear for you. Just visit us or make an appointment at the booth.



## Parallel screw clamps

Double spindle guidance for accurate parallel adjustment of clamping surfaces.

# 430








### Description

- Tension power of up to 4,000 N.
- 2 spindles with knurled screw.
- Fine thread, gun-metal finished.
- Jaws made from high-quality steel.

### Advantage

- Smooth-running fine thread for accurate application for force.

Art.-No.	 4027474	 mm	 mm	 mm	
<b>430-028</b>	-606084	0	28	50	1
<b>430-040</b>	-606169	0	40	60	1
<b>430-055</b>	-606244	0	55	75	1
<b>430-070</b>	-606329	0	70	100	1
<b>430-105</b>	-606404	0	105	135	1

## Toggle speed clamps (KANT-TWIST)

For internal and external tensioning of various profiles

# 431






### Description

- Quality steel bracket.
- Spindle with burnished trapezoidal thread.

### Advantage

- Movable jaws with prism cut.
- Strong design, high performance and long service life.

Art.-No.	 4027474	 mm	
<b>431-001</b>	-606572	25	1
<b>431-002</b>	-606657	50	1
<b>431-003</b>	-606732	75	1
<b>431-004</b>	-606817	110	1
<b>431-006</b>	-606992	150	1
<b>431-009</b>	-607074	240	1
<b>431-010</b>	-607159	255	1
<b>431-012</b>	-607234	300	1

## Machine speed clamp

For strong, safe tensioning on the machine table.

# 431






### Description

- Clamping jaws made of hardened quality steel.
- Spindle with fine thread for metered tensioning.
- Locking handle for optimal transfer of force.
- Bracket made of cold-rolled quality steel, burnished.
- Steel plate for stable mounting on the machine table.

### Advantage

- Free access to the work area through clamping technique outside of the working range.
- Strong design, high performance and long service life.

Art.-No.	 4027474	 mm	
<b>431-401</b>	-607494	110 x 40-80	1



### Parallel clamps

For universal internal and external clamping of various workpiece shapes.

# 432








#### Description

- 2 rotating clamping blocks with three smooth surfaces and one crossed prism surface.
- Tension power of up to 3,500 N.
- Locking handle
- Trapezoidal threaded spindle, gun-metal finished.

#### Advantage

- Universal application.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.		 mm	 mm	 mm	
432-001	-795252	25	15	20	5
432-002	-795337	50	33	42	5
432-003	-795412	75	35	49	5
432-004	-795580	100	58	78	5
432-006	-795665	150	110	128	5

### Machine speed clamp

For securing workpieces on drilling benches, work tables and machine tables.

# 432






#### Description

- Tension regulator and release lever.
- Body of the pliers: rolled steel, very robust.
- Gripper jaws: Chromium vanadium electric steel, forged.

#### Advantage

- Highly resilient.
- One-hand operation.
- High level of tension thanks to the toggle lever transmission.

Art.-No.		 mm	
432-013	-909482	75 x 60	1

### Glueclamps

For attaching edges to work tops.

# 433






#### Description

- Locking handle
- Trapezoidal threaded spindle, gun-metal finished.
- Pressure plate.
- Soft plastic protective caps.

#### Advantage

- Soft plastic protective caps to protect sensitive surfaces on workpieces.

Art.-No.		 mm	
433-070	-911713	70 x 60	1

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**Low cast screw clamps**

For earthing during welding processes. 1. Push the earthing wire through the guiding ring and secure it to the fixed clamp.

**440**








**Description**

- Tension power of up to 5,000 N.
- Locking handle
- E-coating.
- Guiding ring for the earthing wire.
- Pressure plate

**Advantage**

- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Quick overview of all dimensions thanks to high-quality labelling with stickers in the clamps.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.	 4027474	 mm	 mm	 Ampere	
<b>440-150</b>	-607647	150 x 60	30 x 8	400	10
<b>440-156</b>	-032289	150 x 60	30 x 8	600	10
<b>440-158</b>	-803339	150 x 80	30 x 8	400	10

**Low cast screw clamps**

For earthing during welding processes. 1. Secure the earthing wire on the rails.

**441**








**Description**

- Tension power of up to 5,000 N.
- Locking handle
- E-coating.
- Guiding ring for the earthing wire.
- Pressure plate

**Advantage**

- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Quick overview of all dimensions thanks to high-quality labelling with stickers in the clamps.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.	 4027474	 Ampere	 mm	 mm	
<b>441-580</b>	-558062	250	150 x 80	22 x 6	10
<b>441-600</b>	-776367	600	200 x 100	30 x 8	10

**Pole clamps with wood handle**

For earthing during welding processes.

**441H**








**Description**

- Tension power of up to 5,000 N.
- Wooden handle
- E-coating.
- Guiding ring for the earthing wire.
- Pressure plate

**Advantage**

- Environmentally-friendly cathode electrical dipping coating ktl for complete and even coating on the clamp.
- Quick overview of all dimensions thanks to high-quality labelling with stickers in the clamps.
- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.	 4027474	 Ampere	 mm	 mm	
<b>441H580</b>	-607456	250	150 x 80	22 x 6	10
<b>441H600</b>	-035679	600	200 x 100	30 x 8	10



**Ground clamp**

For earthing during welding processes.

442






**Description**

- Quality steel sheet
- Extra strong spring.

**Advantage**

- Versatile application.

Art.-No.		 Ampere	
442-400	-607807	400	5
442-600	-607982	600	5

**Miter clamps for welding**

For precise angled clamping of workpieces for welding or assembly processes.

450








**Description**

- Malleable cast iron body with smooth and secure support surfaces (90° clamping angle).

**Advantage**

- Moving clamping jaws for various material cross-section sizes.

Art.-No.		 mm	 mm	 mm	
450-050	-564735	50	50	28	1
450-100	-564810	100	100	48	1

**Welders angle clamp**

For precise angled clamping of workpieces for welding or assembly processes.

450








**Description**

- Malleable cast iron body with smooth and secure support surfaces (90° clamping angle).

**Advantage**

- Moving clamping jaws for various material cross-section sizes.

Art.-No.		 mm	 mm	 mm	
450-260	-564650	55	55	35	1

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## Wood clamps

For pressing and clamping several workpieces, specially designed for wooden parts.

# 511







### Description

- Beechwood.
- Eccentric lever with brass bushing.
- Cork overlays.
- Steel pins to guide between sliding parts and steel rails.

### Advantage

- Non-step pressure adjustment using eccentric lever.
- Non-slip design, even on roundoffs and edges.
- Stable and robust, made from top quality beech wood and bright galvanized steel rails.
- Environmentally-friendly - wooden parts with a natural finish.
- Low unladen weight.

Art.-No.	 4027474	 mm	 mm	
<b>511-200</b>	-917685	200 x 110	20 x 5	10
<b>511-300</b>	-917692	300 x 110	20 x 5	10
<b>511-400</b>	-013288	400 x 110	20 x 5	10
<b>511-600</b>	-013295	600 x 110	20 x 5	10
<b>511-800</b>	-013301	800 x 110	20 x 5	5

## Glue pliers

For securing several workpieces.

# 516







### Description

- Extra strong spring.
- Anti-slip protection made from vulcanized fiber.
- Quality steel sheet

### Advantage

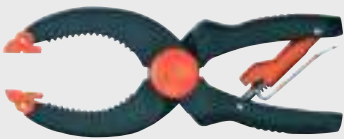
- Universal application.

Art.-No.	 4027474	 mm	 mm	
<b>516-110</b>	-634612	40	110	10
<b>516-155</b>	-634797	55	155	10

## Glue plier clamps

For securing several workpieces.

# 516







### Description

- Extra strong spring.
- Anti-slip protection made from vulcanized fiber.
- High-quality plastic design.

### Advantage

- Universal application.

Art.-No.	 4027474	 mm	 mm	
<b>516-200</b>	-002077	50	180	10
<b>516-300</b>	-002084	75	230	10



### One hand tension and spreading clamps

For pressing and clamping several workpieces, specially designed for wooden parts.

# 517







**Description**

- Tension power of up to 2,000 N.
- High-quality plastic design with steel rails.

**Advantage**

- One-hand operation for clamping and loosening with two separate operation elements.
- Tool-less conversion for separation thanks to intelligent loosening mechanism on the upper component.
- Ergonomic 2-component plastic handle behind the rails.

Art.-No.	 4027474	 mm	 mm	
517-150	-014919	150 x 85	19 x 6	10
517-300	-014926	300 x 85	19 x 6	10
517-450	-014933	450 x 85	19 x 6	10
517-600	-014940	600 x 85	19 x 6	10

### Malleable cast iron clamps

For pressing and clamping several workpieces, specially designed for home construction.

# 591







**Description**

- Malleable cast.
- Wooden handle.
- Moving pressure piece.

**Advantage**

- Smooth-running trapezoidal spindles for even better transfer of force.

Art.-No.	 4027474	 mm	 mm	
591-105	-919122	100 x 50	15 x 5	10
591-155	-919139	150 x 50	15 x 5	10
591-158	-918187	150 x 80	25 x 6	10
591-205	-919146	200 x 50	15 x 5	10
591-208	-918194	200 x 80	25 x 6	10
591-255	-919153	250 x 50	15 x 5	10
591-258	-918200	250 x 80	25 x 6	10
591-305	-919160	300 x 50	15 x 5	10
591-308	-918217	300 x 80	25 x 6	10
591-408	-918224	400 x 80	25 x 6	10
591-508	-918231	500 x 80	25 x 6	10

### Auxiliary clamp

When combined with the screw clamps, used to press front rails and edge rails and to clamp from three sides. Can also be used to support the sliding rails when clamping with very long screw clamps to stabilize the clamping pressure.

# 502




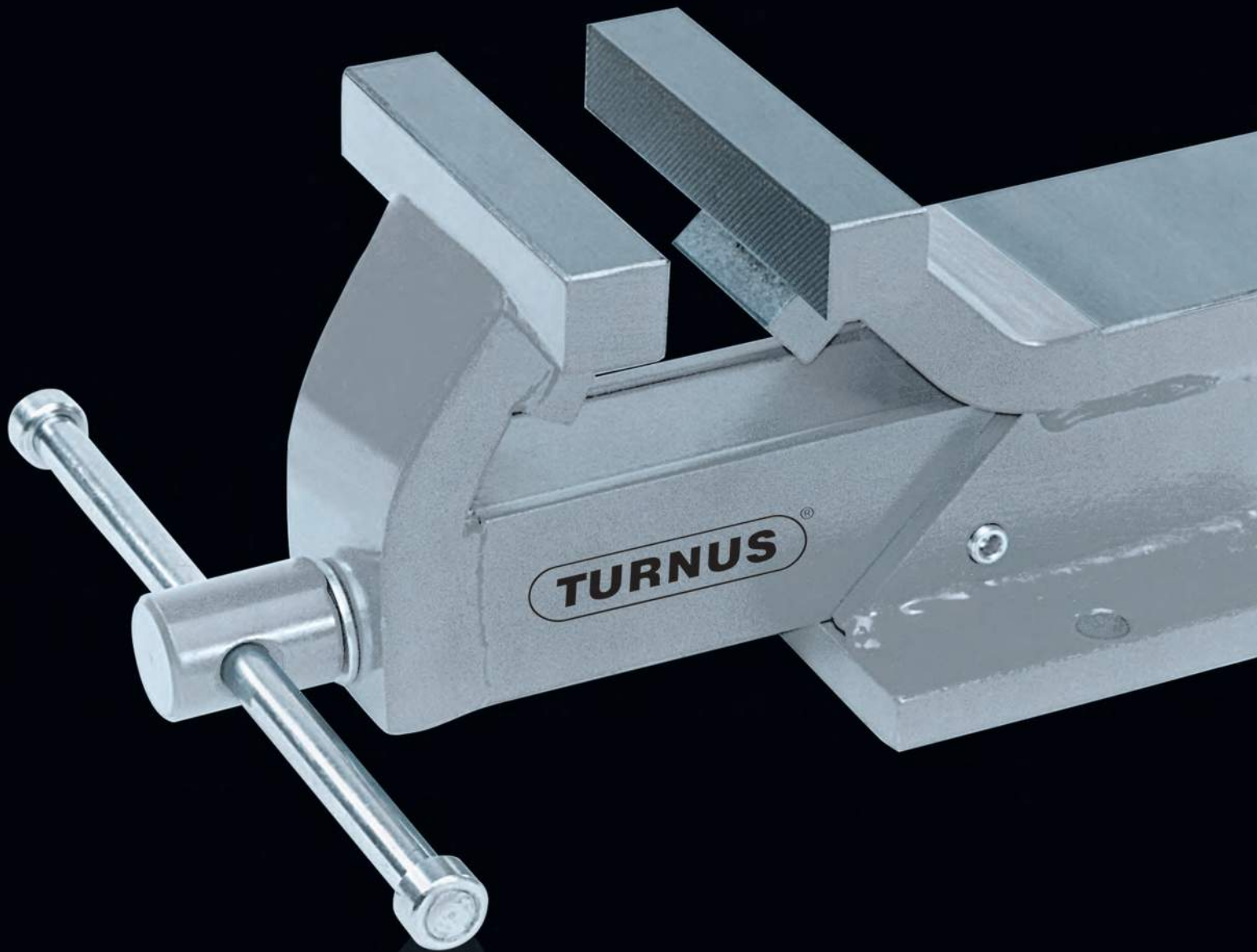
**Description**

- Wooden handle.
- Moving pressure piece.
- Clamp with screw for attachment on the screw clamp sliding rails.
- Trapezoidal threaded spindle, gun-metal finished.

**Advantage**

- Universal application.

Art.-No.	 4027474	 mm	
502-400	-634124	290	1





# Bench vises

## Schraubstöcke

### 03

All-steel vises.....	<b>42</b>
Schraubstöcke	
Iron cast clamps.....	<b>44</b>
Schraubstockbacken	

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## All steel vises

For clamping workpieces.

# 520





### Description

- Gun-metal finished threaded key.
- Adjusting screws.
- Opens to the front.

### Advantage

- Available in the colors blue, red and anthracite.

Art.-No.	 40274741		 mm	 mm	
<b>520-080</b>	-609474	blau	80	100	1
<b>520-100</b>	-609542	blau	100	120	1
<b>520-125</b>	-609627	blau	125	140	1
<b>520-150</b>	-609702	blau	150	150	1
<b>520-175</b>	-609887	blau	175	175	1
<b>520-100-R</b>	-997090	rot	100	120	1
<b>520-125-R</b>	-455668	rot	125	140	1
<b>520-150-R</b>	-455880	rot	150	150	1
<b>520-175-R</b>	-035808	rot	175	175	1
<b>520-100-G</b>	-997083	grau	100	120	1
<b>520-125-G</b>	-759865	grau	125	140	1
<b>520-150-G</b>	-056179	grau	150	150	1
<b>520-175-G</b>	-759872	grau	175	175	1

**Parallel vises**






For clamping workpieces.

**525****Description**

- Made of forged steel.
- Induction-hardened, knurled jaws and smoothed surfaces.
- Gun-metal finished threaded key.
- Induction-hardened and smoothed anvil.
- Induction-hardened and smoothed sliding parts.

**Advantage**

- Replaceable pipe clamping jaws.
- Available in the colors blue, red and anthracite.

Art.-No.	 40274741		 mm	 mm	
<b>525-100</b>	-925185	blau	100	125	1
<b>525-125</b>	-925192	blau	125	150	1
<b>525-150</b>	-925208	blau	150	200	1
<b>525-175</b>	-925215	blau	175	220	1
<b>525-100-R</b>	-455675	rot	100	125	1
<b>525-125-R</b>	-178796	rot	125	150	1
<b>525-150-R</b>	-813468	rot	150	200	1
<b>525-175-R</b>	-831332	rot	175	220	1
<b>525-100-G</b>	-035815	grau	100	125	1
<b>525-125-G</b>	-096991	grau	125	150	1
<b>525-150-G</b>	-097028	grau	150	200	1
<b>525-175-G</b>	-097042	grau	175	220	1

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**Vise jaws with magnetic strips, aluminum, smooth**

Can be combined with series525 and series520.

# 545






Art.-No.		 mm	
545-080	-929060	80	1
545-100	-929077	100	1
545-115	-929084	115	1
545-125	-929091	125	1
545-135	-929107	135	1
545-150	-929114	150	1
545-180	-929121	180	1

**Vise jaws with magnetic strips, red felt**

Can be combined with series525 and series520.

# 545F






Art.-No.		 mm	
545F100	-998424	100	1
545F125	-914240	125	1
545F150	-914257	150	1
545F180	-029432	180	1

**Vise jaws with magnetic strips, aluminum with rubber, gray**

Can be combined with series525 and series520.

# 545G






Art.-No.		 mm	
545G100	-914264	100	1
545G125	-914271	125	1
545G150	-998431	150	1
545G180	-029456	180	1

**Vise jaws with magnetic strips, plastic, blue**

Can be combined with series525 and series520.

# 545K



Art.-No.		 mm	
545K125	-280864	125	1
545K140	-280871	140	1
545K150	-998448	150	1






**Vise jaws with magnetic strips, aluminum with prisms**

Can be combined with series525 and series520.

546






Art.-No.		 mm	
546-100	-929145	100	1
546-115	-929152	115	1
546-125	-929169	125	1
546-135	-929176	135	1
546-150	-929183	150	1
546-180	-929190	180	1

**Vise jaws made of aluminum**

Can be combined with series525 and series520.

550



Art.-No.		 mm	
550-080	-609962	80	5
550-100	-610029	100	5
550-115	-610104	115	5
550-125	-610289	125	5
550-135	-610364	135	5
550-150	-610449	150	5
550-180	-701512	180	5

**Pipe clamping jaws, replaceable**




For clamping round workpieces.

525



Description

- Made of forged steel.
- Induction-hardened steel.

Art.-No.			
525-101	-928988	525-100	1
525-126	-929008	525-125	1
525-151	-929022	525-150	1
525-176	-929046	525-175	1

**Rotating plate for vise**




Can be combined with series 525 and series 520.

525



Description

- Made of forged steel.
- Induction-hardened steel.

Art.-No.			
525-102	-928995	525-100	1
525-127	-929015	525-125	1
525-152	-929039	525-150	1
525-177	-929053	525-175	1



# Screwdriver

## Schraubendreher

### 04

Screwdrivers.....	<b>48</b>
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Uhrenmacher Schraubendreher	

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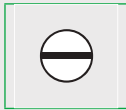




### Screwdriver slot with 2K handle

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

# 171









#### Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

#### Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.						
		mm	mm	mm	mm	
171-0806	-005429	0,2	0,8	60	140	12
171-1206	-002008	0,2	1,2	60	140	12
171-1506	-005443	0,25	1,5	60	140	12
171-1806	-005450	0,3	1,8	60	140	12
171-2006	-005467	0,4	2,0	60	140	12
171-2506	-025960	0,4	2,5	60	140	12
171-2507	-025977	0,4	2,5	75	155	12
171-3010	-025984	0,5	3,0	100	180	12
171-3015	-025991	0,5	3,0	150	230	12
171-3024	-026011	0,5	3,0	240	320	12
171-3510	-026028	0,6	3,5	100	180	12
171-3515	-026035	0,6	3,5	150	230	12
171-4010	-026042	0,8	4,0	100	180	12
171-4015	-026059	0,8	4,0	150	230	12

### Screwdriver PH with 2K handle

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

# 171-PH








#### Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

#### Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.					
			mm	mm	
171-PH000	-026080	PH000	60	140	12
171-PH00	-026073	PH00	60	140	12
171-PH0	-026066	PH0	60	140	12
171-PH108	-026097	PH1	80	160	12
171-PH118	-026103	PH1	185	265	12
171-PH128	-026110	PH1	285	365	12

### Screwdriver PZ with 2K handle

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

# 171-PZ








#### Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

#### Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.					
			mm	mm	
171-PZ0	-002640	PZ0	60	140	12
171-PZ1	-002664	PZ1	80	160	12





### Screwdriver TX with 2K handle

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

# 171-T








#### Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

#### Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.					
			mm	mm	
171-T01	-002893	T01	60	140	12
171-T02	-002909	T02	60	140	12
171-T03	-002916	T03	60	140	12
171-T04	-002923	T04	60	140	12
171-T05	-002930	T05	60	140	12
171-T06	-002947	T06	60	140	12
171-T07	-998714	T07	60	140	12
171-T08	-998721	T08	60	140	12
171-T09	-998738	T09	60	140	12
171-T10	-998745	T10	80	160	12
171-T15	-998752	T15	80	160	12
171-T20	-001414	T20	100	180	12

### Hexagon precision screwdriver with 2K handle

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

# 171-S








#### Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

#### Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.					
			mm	mm	
171-S07	-005016	0,7	60	140	12
171-S09	-005023	0,9	60	140	12
171-S13	-314330	1,3	60	140	12
171-S15	-895068	1,5	60	140	12
171-S20	-005054	2,0	60	140	12
171-S25	-998653	2,5	60	140	12
171-S30	-998660	3,0	60	140	12

### Hexagon precision screwdriver with ballhead and 2K handle

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

# 171-SK








#### Description

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

#### Advantage

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.					
		mm	mm	mm	
171-SK15	-005153	1,5	60	140	12
171-SK20	-005160	2,0	60	140	12
171-SK25	-005177	2,5	60	140	12
171-SK30	-005184	3,0	60	140	12



### Hexagon socket wrench with 2K handle

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

# 171-ST








**Description**

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

**Advantage**

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.			 mm	 mm	
171-ST15	-002787	1,5	60	140	12
171-ST20	-002794	2,0	60	140	12
171-ST25	-002800	2,5	60	140	12
171-ST30	-998677	3,0	60	140	12
171-ST32	-002831	3,2	60	140	12
171-ST35	-002848	3,5	60	140	12
171-ST40	-998684	4,0	60	140	12
171-ST45	-998691	4,5	60	140	12
171-ST50	-998707	5,0	60	140	12
171-ST55	-002886	5,5	60	140	12

### Precision screwdriver sets with 2K handle, in rolling case

For fine and delicate screw work in electronics, precision engineering, model building and crafts.

# 171-R









**Description**

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

**Advantage**

- Sensitive and quick screwing.
- Clear reduction of screwing times in electronics and precision engineering

Art.-No.						Stück pieces	
171-R006	-018115	1,5x60; 2,0x60; 2,5x75	PH00x60; PH0x60; PH1x60			6	1
171-R106	-018122			TX04; 05; 06; 07; 08; 10		6	1
171-R206	-018139				2,5; 3; 3,5; 4; 5; 5,5	6	1

### Pick with 2K handle

For loosening tight sealing discs, separating cables in a cable harness and carrying out other work in the healthcare and automotive sectors.

# 177-P








**Description**

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

**Advantage**

- Both more sensitive and more heavy-duty work possible.

Art.-No.		 mm	 mm	 mm	
177-P000	-017538	3,5	70	155	1



**Pick 45° with 2K handle**

For loosening frozen sealing discs, splitting cables in a cable harness, and performing work in the healthcare and automotive sectors.

177-P



**Description**

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

**Advantage**

- Both more sensitive and more heavy-duty work possible.

Art.-No.		Ø			
		mm	mm	mm	
177-P045	-017545	3,5	70	155	12

**Pick 90° with 2K handle**

For loosening frozen sealing discs, splitting cables in a cable harness, and performing work in the healthcare and automotive sectors.

177-P



**Description**

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

**Advantage**

- Both more sensitive and more heavy-duty work possible.

Art.-No.		Ø			
		mm	mm	mm	
177-P090	-017552	3,5	70	155	12

**Hook with 2K handle**

For loosening tight sealing discs, separating cables in a cable harness and carrying out other work in the healthcare and automotive sectors.

177-H



**Description**

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

**Advantage**

- Both more sensitive and more heavy-duty work possible.

Art.-No.		Ø			
		mm	mm	mm	
177-H000	-017521	3,5	70	155	12

**Mobile hydraulic tools with 2K handle**

For loosening tight sealing discs, separating cables in a cable harness and carrying out other work in the healthcare and automotive sectors.

177-HP



**Description**

- 2K handle with turning cap and quick-turning zone
- High-quality chromium vanadium molybdenum steel, hardened throughout.

**Advantage**

- Both more sensitive and more heavy-duty work possible.

Art.-No.				Stück pieces	
177-HP04	-158132	177-P000, 177-P045, 177-P090, 177-H000	Kunststoff	4	1

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**Screwdrivers watchmaker**

For demanding, sensitive work.

# 250-PH







**Description**

- Serrated steel handle.
- Nickel-plated.
- Blades made from high-quality chromium vanadium steel, hardened.
- End of the handle has a rotating hexagonal head.

**Advantage**

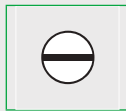
- Removable blade

Art.-No.	 4027474		 mm	
<b>250-042</b>	-711672	PH0000	88	10
<b>250-043</b>	-711757	PH000	102	10
<b>250-044</b>	-711832	PH00	105	10
<b>250-045</b>	-711917	PH0	120	10

**Screwdrivers watchmaker**

For demanding, sensitive work.

# 250







**Description**

- Serrated steel handle.
- Nickel-plated.
- Blades made from high-quality chromium vanadium steel, hardened.
- End of the handle has a rotating hexagonal head.

**Advantage**

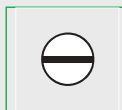
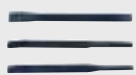
- Removable blade

Art.-No.	 4027474	 mm	 mm	
<b>250-010</b>	-597580	1,0	85	10
<b>250-015</b>	-597665	1,5	88	10
<b>250-020</b>	-597740	2,0	102	10
<b>250-025</b>	-597825	2,5	105	10
<b>250-030</b>	-597900	3,0	120	10
<b>250-035</b>	-598082	3,5	120	10

**Screwdriver watchmaker with exchangeable blades**

For demanding, sensitive work.

# 250







**Description**

- Serrated steel handle.
- Nickel-plated.
- Blades made from high-quality chromium vanadium steel, hardened.
- End of the handle has a rotating hexagonal head.

**Advantage**

- Removable blade
- Interchangeable blades in the magazine.

Art.-No.	 4027474			
<b>250-120</b>	-598815	1,5; 2; 2,5; 3	-	10
<b>250-130</b>	-712099	-	PH0; PH00; PH000; PH0000	10
<b>250-140</b>	-712174	1,5; 2,0; 2,5; 3,0	PH00	10



### Set of screwdrivers watchmaker

For demanding, sensitive work.

# 250







#### Description

- Serrated steel handle.
- Nickel-plated.
- Blades made from high-quality chromium vanadium steel, hardened.
- End of the handle has a rotating hexagonal head.

#### Advantage

- Removable blade

Art.-No.				Stück pieces	
250-500	-598730	-	PH000; PH00; PH0	3	10
250-520	-713409	1,0; 1,5; 2,0; 3,0	PH00; PH0	6	10
250-540	-701444	1,0; 1,5; 2,0; 2,5; 3,0; 3,5	-	6	10
250-545	-713577	1,0; 1,5; 1,8; 2,3; 2,9	-	5	10

### Watchmaker screwdriver set, in wooden chest

For demanding, sensitive work.

# 250







#### Description

- Serrated steel handle.
- Nickel-plated.
- Blades made from high-quality chromium vanadium steel, hardened.
- End of the handle has a rotating hexagonal head.

#### Advantage

- Removable blade

Art.-No.				Stück pieces	
250-550	-713652	-	PH0000; PH000; PH00; PH0	4	5
250-560	-599072	1,0; 1,5; 2,0; 2,5; 3,0; 3,5	-	6	5
250-570	-713737	1,0; 1,5; 2,0; 3,0	PH00; PH0	6	5

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# Hex keys

## Stiftschlüssel

### 05

Offset blade screwdrivers metric.....	<b>56</b>
Winkelschraubendreher, metrisch	
Offset blade screwdrivers inch.....	<b>60</b>
Winkelschraubendreher, zöllig	
Offset blade screwdrivers with ballhead.....	<b>63</b>
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Tamper-TX-offset blade screwdrivers.....	<b>68</b>
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Schraubendreher mit Griff	

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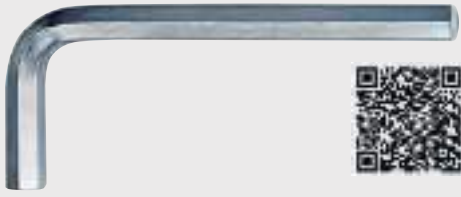
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
**Offset blade screwdriver ISO 2936 (mm)**

201



**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 mm	 mm	 mm	
201-105	-573560	1,5	46,5	15,5	50
201-002	-573645	2,0	52,0	18,0	50
201-205	-573720	2,5	58,5	20,5	50
201-003	-573805	3,0	66,0	23,0	50
201-305	-573980	3,5	69,5	25,5	50
201-004	-574062	4,0	74,0	29,0	50
201-405	-574147	4,5	80,0	30,5	50
201-005	-574222	5,0	85,0	33,0	50
201-505	-574307	5,5	90,5	35,5	50
201-006	-574482	6,0	96,0	38,0	50
201-007	-574550	7,0	102,0	41,0	50
201-008	-574635	8,0	108,0	44,0	50
201-009	-574710	9,0	114,0	47,0	25
201-010	-574895	10,0	122,0	50,0	25
201-011	-574970	11,0	129,0	53,0	25
201-012	-575052	12,0	137,0	57,0	25
201-013	-575137	13,0	145,0	63,0	20
201-014	-575212	14,0	154,0	70,0	20
201-015	-575397	15,0	161,0	73,0	20
201-016	-575472	16,0	168,0	76,0	10
201-017	-575540	17,0	177,0	80,0	10
201-018	-575625	18,0	188,0	84,0	10
201-019	-575700	19,0	199,0	89,0	10
201-020	-575885	20,0	200,0	90,0	5
201-021	-575960	21,0	211,0	96,0	5
201-022	-576042	22,0	222,0	102,0	5
201-024	-576127	24,0	248,0	114,0	1
201-027	-576202	27,0	277,0	127,0	1
201-030	-576387	30,0	315,0	142,0	1
201-032	-576462	32,0	347,0	157,0	1
201-036	-576530	36,0	391,0	176,0	1

**Sets of offset blade screwdrivers ISO 2936**



In lockable, shockproof plastic casing.

207



**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 mm
207-008	-597177	2,0; 2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0








Sets in holders

205



Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 mm	Stück pieces	
205-101	-584870	1,5; 2,0; 2,5; 3,0; 4,0; 5,0; 6,0	7	10
205-102	-584955	2,5; 3,0; 4,0; 5,0; 6,0; 8,0	6	10
205-103	-585037	3,0; 4,0; 5,0; 6,0; 8,0; 10,0	6	10
205-104	-585112	2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0	7	10
205-202	-798789	2,5; 3,0; 4,0; 5,0; 6,0; 8,0	6	10
205-204	-798796	2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0	7	10

Offset blade screwdriver in TURNUS-clip, comfort

In lockable, shockproof plastic casing.

215






Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

Advantage

- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.	 4027474	 mm	Stück pieces	
215-006	-798956	1,5; 2,0; 2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0	9	10

Sets of offset blade screwdrivers




In practical plastic case for presentation in store.

203



Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 mm	Stück pieces	
203-080	-579272	2,0; 2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0	8	10
203-100	-579357	2; 2,5; 3; 4; 5; 6; 8; 10; 12; 14	10	10
203-208	-580087	2,0; 2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0	8	10

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Sets of offset blade screwdrivers

204



Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 mm	Stück pieces	
204-808	-584610	2,0; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0	8	10

Sets of offset blade screwdrivers




For neat storage in the workshop.

201



Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 mm	Stück pieces	
201-909	-594022	2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0; 12,0; 14,0	9	1








Offset blade screwdriver ISO 2936, long (mm)

204



Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 mm	 mm	 mm	
204-105	-582975	1,5	91,5	15,5	50
204-002	-583057	2,0	102,0	18	50
204-205	-583132	2,5	114,5	20,5	50
204-003	-583217	3,0	129,0	23	50
204-305	-694920	3,5	140,0	25,5	50
204-004	-583392	4,0	144,0	29	50
204-405	-695187	4,5	156,0	30,5	50
204-005	-583477	5,0	165,0	33	50
204-505	-695262	5,5	175,0	35,5	50
204-006	-583545	6,0	186,0	38	50
204-007	-583620	7,0	197,0	41	50
204-008	-583705	8,0	208,0	44	50
204-009	-583880	9,0	219,0	47	50
204-010	-583965	10,0	234,0	50	50
204-011	-584047	11,0	247,0	53	20
204-012	-584122	12,0	262,0	57	20
204-013	-584207	13,0	277,0	63	20
204-014	-584382	14,0	294,0	70	20
204-017	-584467	17,0	337,0	80	5
204-019	-584535	19,0	379,0	89	5
204-022	-694685	22,0	422,0	102	5
204-024	-694760	24,0	472,0	114	1
204-027	-694845	27,0	527,0	127	1

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Set of offset blade screwdrivers ISO 2936 L




In lockable, shockproof plastic casing.

207



Description




- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 mm	Stück pieces	
207-011	-597337	2; 2,5; 3; 4; 5; 6; 8; 10	8	10

Sets of offset blade screwdrivers ISO 2936 lang

204

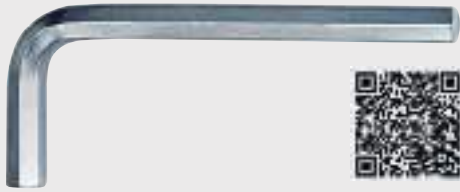


Art.-No.	 4027474	 mm	Stück pieces	
204-909	-594107	2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0; 12,0; 14,0	9	10








**Offset blade screwdriver ISO 2936 (inches)**

**238/239**



**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 inch	 mm	 mm	
238-119	-580322	3/64	41	13	100
238-127	-580407	1/20	41	13	100
238-159	-580575	1/16	47	16	100
238-198	-580650	5/64	52	18	100
238-238	-580735	3/32	58	20	100
238-277	-580810	7/64	66	23	100
238-318	-580995	1/8	66	23	100
238-357	-581077	9/64	72	26	100
238-397	-581152	5/32	74	29	100
238-476	-581237	3/16	85	33	100
238-556	-581312	7/32	91	36	100
238-635	-581497	1/4	96	38	100
238-714	-581565	9/32	102	42	50
238-794	-581640	5/16	108	44	50
238-873	-581725	11/32	114	47	50
238-953	-582142	3/8	122	50	25
239-111	-582227	7/16	130	53	25
239-127	-582302	1/2	145	63	20
239-143	-582487	9/16	154	69	20
239-159	-582555	5/8	176	76	10
239-190	-582630	3/4	199	99	10
239-220	-582715	7/8	222	102	5
239-254	-582890	1	275	125	1

**Sets of offset blade screwdrivers ISO 2936 (inches)**




In lockable, shockproof plastic casing.

**207**



**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 inch	Stück pieces	
207-010	-597252	5/64; 3/32; 1/8; 5/32; 3/16; 1/4; 5/16; 3/8	8	10

**Offset blade screwdriver with ballhead, in TURNUS clip (inches)**

In lockable, shockproof plastic casing.

**215**






**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

**Advantage**

- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.	 4027474	 inch	Stück pieces	
215-001	-746414	1/20; 1/16; 5/64; 3/32; 1/8; 5/32; 3/16; 7/32; 1/4; 5/16	10	10






Sets in holders (inches)

205



Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.		 inch	Stück pieces	
205-109	-585600	3/32; 1/8; 5/32; 1/4; 5/16; 3/8	7	10




Sets of offset blade screwdrivers (inches)

204



Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.		 inch	Stück pieces	
204-809	-584795	5/64; 3/32; 1/8; 5/32; 3/16; 1/4; 5/16; 3/8	8	10

Sets of offset blade screwdrivers (inches)




In practical plastic case for presentation in store.

203



Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.		 inch	Stück pieces	
203-110	-579685	1/20; 1/16; 5/64; 3/32; 1/8; 5/32; 1/4; 5/16; 3/8	10	10
203-280	-580162	5/64; 3/32; 1/8; 5/32; 3/16; 1/4; 5/16; 3/8	8	10

Sets of offset blade screwdrivers (inches)




For neat storage in the workshop.

202



Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.		 inch	Stück pieces	
202-290	-694500	3/32; 1/8; 5/32; 3/16; 1/4; 5/16; 3/8; 1/2; 9/16	9	1

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
**Offset blade screw driver ISO 2936, long (inches)**

# 240/241/242



**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 inch	 mm	 mm	
240-159	-585785	1/16	92	16	50
240-198	-585860	5/64	102	18	50
240-238	-585945	3/32	114	20	50
240-318	-586027	1/8	129	23	50
240-357	-695002	9/64	140	26	50
240-397	-586102	5/32	114	29	50
240-476	-586287	3/16	165	33	50
240-556	-700942	7/32	175	36	50
240-635	-586362	1/4	186	38	50
240-714	-586447	9/32	207	42	25
240-794	-586515	5/16	208	44	25
240-873	-586690	11/32	233	47	25
240-953	-586775	3/8	234	50	25
241-111	-586850	7/16	261	53	10
241-127	-586935	1/2	293	63	10
241-429	-587017	9/16	294	69	10
241-588	-587192	5/8	336	76	5
241-905	-587277	3/4	379	89	5
242-220	-701024	7/8	422	102	5
242-540	-701109	1	525	125	1

**Set of offset blade screwdrivers ISO 2936 L (inches)**




In lockable, shockproof plastic casing.

# 207



**Description**




- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.	 4027474	 inch	Stück pieces	
207-012	-695910	5/64; 3/32; 1/8; 5/32; 3/16; 1/4; 5/16; 3/8	8	10

**Sales display and workshop stand (inches)**

# 204



Art.-No.	 4027474	 inch	Stück pieces	
204-990	-695347	3/32; 1/8; 5/32; 3/16; 1/4; 5/16; 3/8; 1/2; 9/16	9	10



## Offset blade screwdriver with ballhead, short

214








## Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

## Advantage

- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.	 4027474	 mm	 mm	 mm	
214-105	-000387	1,5	46,5	15,5	50
214-002	-587437	2,0	52,0	18,0	50
214-025	-699482	2,5	58,5	20,5	50
214-003	-587680	3,0	66,0	23,0	50
214-004	-587765	4,0	74,0	29,0	50
214-005	-587840	5,0	85,0	33,0	50
214-006	-587925	6,0	96,0	38,0	50
214-007	-588007	7,0	102,0	41,0	25
214-008	-588182	8,0	108,0	44,0	25
214-010	-588267	10,0	122,0	50,0	25
214-012	-035198	12,0	137,0	57,0	50

## Set of offset blade screwdrivers with ballhead, short

In lockable, shockproof plastic casing.

214






## Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

## Advantage

- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.	 4027474	 mm	Stück pieces	
214-200	-699635	2; 3; 4; 5; 6; 8; 10	8	10

## Offset blade screwdriver with ballhead, in TURNUS clip

In lockable, shockproof plastic casing.

215






## Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

## Advantage

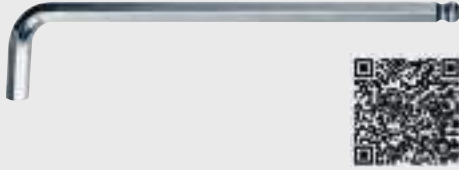
- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.	 4027474	 mm	Stück pieces	
215-000	-588427	1,5; 2,0; 2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0	9	10



**Offset blade screwdrivers with ballhead, long (mm)**

213








**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

**Advantage**

- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.	 4027474	 mm	 mm	 mm	
213-015	-697815	1,5	91,5	15,5	25
213-002	-588830	2,0	102,0	18,0	25
213-025	-697990	2,5	114,5	20,5	25
213-003	-589097	3,0	129,0	23,0	25
213-004	-589172	4,0	144,0	29,0	25
213-005	-589257	5,0	165,0	33,0	25
213-006	-589332	6,0	186,0	38,0	25
213-007	-669447	7,0	197,0	41,0	10
213-008	-589417	8,0	208,0	44,0	10
213-010	-589585	10,0	234,0	50,0	10
213-012	-589660	12,0	262,0	57,0	5

**Set of offset blade screwdrivers with ballhead, long**

In lockable, shockproof plastic casing.

213






**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

**Advantage**

- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.	 4027474	 mm	Stück pieces	
213-990	-699307	2;3;4; 5; 6; 8; 10	8	10

**Offset blade screwdriver with ballhead, long, in TURNUS clip, in SB packaging**

In lockable, shockproof plastic casing.

215






**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

**Advantage**

- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.	 4027474	 mm	Stück pieces	
215-002	-700607	1,5; 2,0; 2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0	9	10

**Offset blade screwdriver with ballhead, long, in TURNUS holder**

In lockable, shockproof plastic casing.

215






**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

**Advantage**

- The ballhead ensures problem-free screwing at an angle up to 30°.

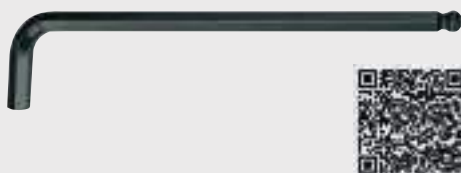
Art.-No.	 4027474	 mm	Stück pieces	
215-003	-676032	1,5; 2,0; 2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0	9	20





Offset blade screwdriver with ballhead, long (inch)

213








Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

Advantage

- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.	 4027474	 inch	 mm	 mm	
213-127	-698157	1/20	81	13	25
213-159	-698072	1/16	92	16	25
213-198	-698232	5/64	102	18	25
213-238	-698317	3/32	114	20	25
213-277	-698492	7/64	129	23	25
213-318	-798918	1/8	129	23	25
213-357	-698645	9/64	140	26	25
213-397	-698720	5/32	144	29	25
213-476	-698805	3/16	165	33	25
213-556	-698980	7/32	176	36	25
213-635	-798925	1/4	186	38	25
213-794	-699147	5/16	208	44	10
213-953	-798932	3/8	234	50	10
213-960	-000929	1/2	293	63	10

Offset blade screwdriver with ballhead, long and color coded

For simple allocation.

213


















Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

Advantage

- The ballhead ensures problem-free screwing at an angle up to 30°.
- Color coding makes selection even easier.

Art.-No.	 4027474	 mm	 mm	 mm		
213BT015	-997243	1,5	91,5	15,5		25
213BT002	-178550	2,0	102,0	18,0		25
213BT025	-997267	2,5	114,5	20,5		25
213BT003	-997182	3,0	129,0	23,0		25
213BT004	-997199	4,0	144,0	29,0		25
213BT005	-997205	5,0	165,0	33,0		25
213BT006	-997212	6,0	186,0	38,0		25
213BT008	-997229	8,0	208,0	44,0		10
213BT010	-997236	10,0	234,0	50,0		10

Offset blade screwdriver with ballhead, color coded, in holder

215BT






Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Nickel-plated (copper base).

Advantage

- The ballhead ensures problem-free screwing at an angle up to 30°.
- Color coding makes selection even easier.

Art.-No.	 4027474	 mm	Stück pieces	
215BT004	-035228	1,5; 2,0; 2,5; 3,0; 4,0; 5,0; 6,0; 8,0; 10,0	9	10



**TX offset blade screwdriver**

Makes work easier and is more resistant to wear-and-tear.

# 211-TX



**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

**Advantage**

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.

Art.-No.	 40274741		 mm	 mm	
211-506	-589905	TX 6	44,5	18,5	10
211-507	-590062	TX 7	50,5	18,5	10
211-508	-590147	TX 8	51,0	19,0	10
211-509	-590222	TX 9	51,0	19,0	10
211-510	-590307	TX 10	54,0	20,0	10
211-515	-590482	TX 15	57,5	21,5	10
211-520	-695422	TX 20	61,0	23,0	10
211-525	-590635	TX 25	64,5	24,5	10
211-527	-590710	TX 27	69,5	26,5	10
211-530	-590895	TX 30	76,0	30,0	10
211-540	-590970	TX 40	83,0	33,0	10
211-545	-591052	TX 45	91,0	37,0	10
211-550	-591137	TX 50	104,0	41,0	10
211-555	-591212	TX 55	120,0	47,0	10
211-560	-591397	TX 60	134,0	52,0	10

**Set of TX-offset blade screwdrivers**

For easier work effort and reduced wear-and-tear.

# 211






**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

**Advantage**

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.

Art.-No.	 40274741		Stück pieces	
211-505	-591472	9; 10; 15; 20; 25; 27; 30; 40	8	10

**TX offset blade screwdriver, in set**

Makes work easier and is more resistant to wear-and-tear.

# 212






**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

**Advantage**

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.

Art.-No.	 40274741		Stück pieces	
212-260	-695675	9; 10; 15; 20; 25; 27; 30; 40	8	5



**Set of TX-offset blade screwdrivers**

Foe easier work effort and reduced wear-and-tear.

211






**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

**Advantage**

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.

Art.-No.			Stück pieces	
211-504	-927592	9; 10; 15; 20; 25; 27; 30; 40	8	10

**TX Sets in holder**

Makes work easier and is more resistant to wear-and-tear.

212



212-258



212-259






**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

**Advantage**

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.

Art.-No.			Stück pieces	
212-258	-695590	9; 10; 15; 20; 25; 27; 30; 40	8	10
212-259	-798901	9; 10; 15; 20; 25; 27; 30; 40	8	10

**TX offset blade screwdriver, long**

Makes work easier and is more resistant to wear-and-tear.

211-TX-L








**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

**Advantage**

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.

Art.-No.			 mm	 mm	
211-609	-798871	TX 9	59,0	19,0	10
211-610	-779580	TX 10	65,0	20,0	10
211-615	-779665	TX 15	75,5	20,5	10
211-620	-779740	TX 20	87,0	22,0	10
211-625	-779825	TX 25	94,5	22,5	10
211-627	-790042	TX 27	105,5	25,5	10
211-630	-779900	TX 30	111,0	30,0	10
211-640	-780067	TX 40	119,0	33,0	10

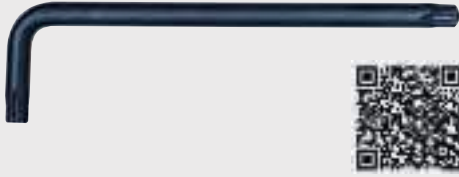
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### Tamper TX offset blade screwdriver

Makes work easier and is more resistant to wear-and-tear.

# 211








#### Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

#### Advantage

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.

Art.-No.	 4027474		 mm	 mm	
<b>211T509</b>	-910587	TX 9	59,0	19,0	10
<b>211T510</b>	-910594	TX 10	65,0	20,0	10
<b>211T515</b>	-910600	TX 15	75,5	20,5	10
<b>211T520</b>	-910617	TX 20	87,0	22,0	10
<b>211T525</b>	-910624	TX 25	97,5	22,5	10
<b>211T527</b>	-910631	TX 27	105,5	25,5	10
<b>211T530</b>	-910648	TX 30	111,0	30,0	10
<b>211T540</b>	-910655	TX 40	119,0	33,0	10

### Set of Tamper-TX-offset blade screwdrivers

Makes work easier and is more resistant to wear-and-tear, comes in a practical holder.

# 211






#### Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

#### Advantage

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.

Art.-No.	 4027474		Stück pieces	
<b>211T505</b>	-804466	9; 10; 15; 20; 25; 27; 30; 40	8	10

### Set of Tamper-TX-offset blade screwdrivers

Makes work easier and is more resistant to wear-and-tear.

# 212






#### Description

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

#### Advantage

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.

Art.-No.	 4027474		Stück pieces	
<b>212-265</b>	-927608	9; 10; 15; 20; 25; 27; 30; 40	8	10



**TX offset blade screwdriver with ballhead**

Makes work easier and is more resistant to wear-and-tear.

# 212-TX



**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

**Advantage**

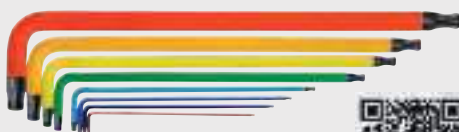
- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.
- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.					
	4027474		mm	mm	
212-309	-998028	TX 9	67,0	19,0	10
212-310	-998035	TX 10	76,0	20,0	10
212-315	-998042	TX 15	86,5	20,5	10
212-320	-998059	TX 20	98,0	22,0	10
212-325	-998066	TX 25	100,5	22,5	10
212-327	-009199	TX 27	111,5	25,5	10
212-330	-998073	TX 30	125,0	30,0	10
212-340	-009281	TX 40	139,0	33,0	10
212-345	-009298	TX 45	145,0	37,0	10
212-350	-009304	TX 50	149,0	41,0	10
212-355	-998080	TX 55	157,0	47,0	10
212-360	-009328	TX 60	167,0	52,0	10

**TX offset blade screwdriver with ballhead and with color coding**

Makes work easier and is more resistant to wear-and-tear.

# 212



**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

**Advantage**

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.
- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.						
	4027474		mm	mm		
212BT309	-997106	TX 9	67,0	19,0		10
212BT310	-997113	TX 10	76,0	20,0		10
212BT315	-997120	TX 15	86,5	20,5		10
212BT320	-997137	TX 20	98,0	22,0		10
212BT325	-997144	TX 25	100,5	22,5		10
212BT327	-997151	TX 27	111,5	25,5		10
212BT330	-997168	TX 30	125,0	30,0		10
212BT340	-997175	TX 40	139,0	33,0		10

**TX offset blade screwdriver with ballhead in TURNUS-clip, color coded**

Makes work easier and is more resistant to wear-and-tear.

# 212BT



**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Stability meets the requirements set out by the licenser Camcar, Textron U.S.A.

**Advantage**

- Increased torque and added safety.
- The wavelike leveling provides a larger contact surface area between the tool and the screw.
- The ballhead ensures problem-free screwing at an angle up to 30°.

Art.-No.			Stück pieces	
	4027474			
212BT260	-035143	9; 10; 15; 20; 25; 27; 30; 40	8	5



**Many-toothed offset blade screwdriver for XZN DIN 65253**

210



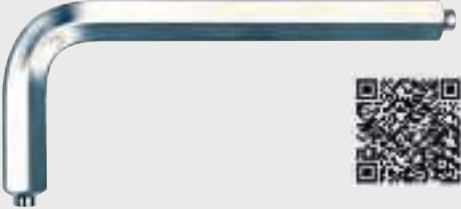
**Description**

- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.					
	4027474		mm	mm	
210-004	-000912	M 4	67	24	10
210-005	-798802	M 5	75	30	10
210-006	-798819	M 6	86	34	10
210-008	-798826	M 8	98	40	10
210-010	-798833	M10	110	46	10
210-012	-798840	M 12	124	52	10
210-014	-798857	M 14	139	59	10
210-016	-798864	M 16	156	72	10

**Offset blade screwdriver with a round lug ISO 6911**

205



**Description**

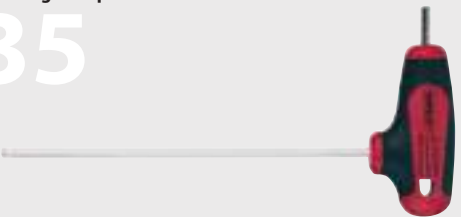
- High-quality chromium vanadium steel 59Cr Mo V4
- Front edge, clean fit.
- Hardness and torque in accordance with ISO 2936 (DIN 911).
- Nickel-plated (copper base).

Art.-No.					
	4027474	mm	mm	mm	
205-003	-592202	3	66	23	100
205-004	-592387	4	74	29	100
205-005	-592462	5	85	33	100
205-006	-592530	6	96	38	100
205-007	-592615	7	102	41	50
205-008	-592790	8	108	44	50
205-010	-592950	10	122	50	25
205-012	-593032	12	137	57	25
205-014	-593117	14	154	70	20
205-017	-593292	17	177	80	10
205-019	-593377	19	199	89	10
205-022	-593452	22	222	102	1

**Hexagonal screwdriver with T-handle dual bladed**

For use with high torques.

235



**Description**

- Handle with ergonomic flexible components.
- Finger protection
- Constant blade marking.
- Fully hardened and tempered special steel.

**Advantage**

- The flexible finger protection prevents fingers from coming into contact with the blade.
- When the short blade bracket is used, the already high level of torque provided by the cross-handle system is increased further by using the longer bracket as a lever.

Art.-No.				
	4027474	mm	mm	
235-0210	-314255	2,0	125	1
235-0251	-314262	2,5	125	1
235-0310	-314279	3,0	125	1
235-0415	-314286	4,0	125	1
235-0515	-314293	5,0	150	1
235-0620	-314309	6,0	150	1
235-0820	-314316	8,0	175	1
235-1020	-314323	10,0	175	1








## Hexagon screwdriver with T-grip

222-230



## Description

- Blade made from high-quality chromium vanadium steel 59 Cr Mo V 4
- Handle made from shockproof polypropylene (PPN) with hanging hole

Art.-No.			 mm	 mm	
222-090	-594695	2,0	100	70	10
222-100	-700782	2,5	100	70	10
223-121	-594855	3,0	100	70	10
223-150	-594930	3,0	150	70	10
223-200	-595012	3,0	200	70	10
224-100	-700867	4,0	100	70	10
224-150	-595272	4,0	150	70	10
224-200	-595357	4,0	200	70	10
225-101	-595432	5,0	100	90	10
225-150	-595500	5,0	150	90	10
225-200	-595685	5,0	200	90	10
226-100	-595760	6,0	100	90	10
226-150	-595845	6,0	150	90	10
226-200	-595920	6,0	200	90	10
228-100	-596002	8,0	100	90	10
228-150	-596187	8,0	150	90	10
228-200	-596262	8,0	200	90	10
230-100	-596347	10,0	100	110	10
230-200	-596422	10,0	200	110	10






## Hexagon screwdriver with ballhead and T-grip

214



## Description

- Blade made from high-quality chromium vanadium steel 59 Cr Mo V 4
- Handle made from shockproof polypropylene (PPN) with hanging hole

Art.-No.		 mm	 mm	 mm	
214-310	-699710	3	100	70	10
214-410	-699895	4	100	70	10
214-415	-699970	4	150	70	10
214-510	-700034	5	100	90	10
214-515	-700119	5	150	90	10
214-615	-700294	6	150	90	10
214-620	-700379	6	200	90	10
214-815	-700454	8	150	90	10
214-820	-700522	8	200	90	10
214-910	-699550	10	200	110	10








**TX T-handle socket screw drive**

212



**Description**

- Blade made from high-quality chromium vanadium steel 59 Cr Mo V 4
- Handle made from shockproof polypropylene (PPN) with hanging hole

Art.-No.			 mm	 mm	
212-108	-696177	TX 8	100	70	10
212-109	-696252	TX 9	100	70	10
212-110	-696337	TX 10	100	70	10
212-115	-696412	TX 15	100	70	10
212-120	-696580	TX 20	100	90	10
212-125	-696665	TX 25	100	90	10
212-127	-696740	TX 27	100	90	10
212-130	-696825	TX 30	100	90	10
212-140	-696900	TX 40	100	90	10
212-145	-697082	TX 45	150	90	10
212-150	-697167	TX 50	150	90	10
212-215	-697242	TX 15	200	90	10
212-220	-590550	TX 20	200	90	10
212-225	-697327	TX 25	200	90	10
212-227	-697402	TX 27	200	90	10
212-230	-697570	TX 30	200	90	10
212-240	-697655	TX 40	200	90	10
212-245	-697730	TX 45	250	110	10
212-250	-596750	TX 50	250	110	10






**Hexagon socket wrench with T-grip**

236



**Description**

- Blade made from high-quality chromium vanadium steel 59 Cr Mo V 4
- Handle made from shockproof polypropylene (PPN) with hanging hole

Art.-No.			 mm	 mm	
236-050	-000974	5,0	230	110	6
236-055	-000981	5,5	230	110	6
236-060	-000998	6,0	230	110	6
236-070	-001063	7,0	230	110	6
236-080	-001070	8,0	230	110	6
236-090	-001087	9,0	230	110	6
236-100	-001094	10,0	230	110	6
236-110	-001100	11,0	230	110	6
236-120	-001117	12,0	230	110	6
236-130	-001124	13,0	230	110	6
236-140	-000530	14,0	230	110	6
236-150	-117399	15,0	230	110	6
236-160	-117405	16,0	230	110	6
236-170	-001131	17,0	230	110	6



# Special stamps

Turnus Special stamps are always used when individuality or specific components is required.

Specialized staff implement your wishes quickly and in high quality.

Inquiries about special stamps in the form of drawings or photographs are processed on the same day so that production can be realized within 1 week.  
You get a fair deal.

We create a 3D drawing and finished with a milling program on technically advanced CNC milling machines.

The character is inductively heated and thus specially hardened.

Quality Made in Germany.



# Punch and cut

## Lochen und Schneiden

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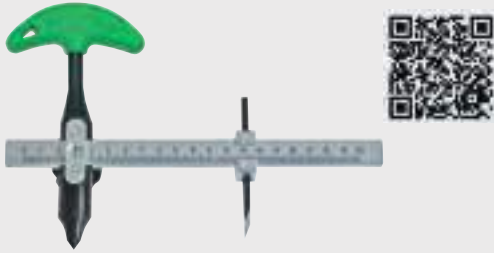




### Firmer chisels



For cutting discs, leather, paper, press boards and plastic.

# 321



#### Description

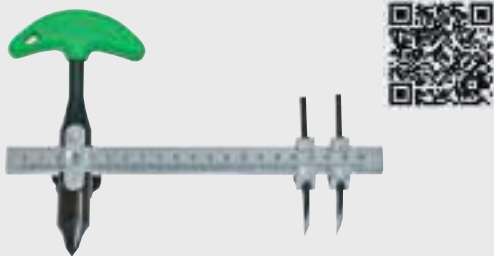
- Prism rail, bright polish with millimeter-precise adjustment
- Plastic hilt.
- Cutting blade in grade tool steel design.

Art.-No.	 4027474	∅ mm	
<b>321-200</b>	-616144	40-200	1
<b>321-400</b>	-616229	40-400	1
<b>321-600</b>	-616304	40-600	1
<b>321-800</b>	-616489	40-800	1

### Disk cutter with 2 blades



For cutting discs and sealing rings made from rubber, leather, paper, press boards and plastic.

# 322



#### Description

- Prism rail, bright polish with millimeter-precise adjustment
- Plastic hilt.
- 2 cutting blades in grade tool steel design for manufacturing sealing rings.

Art.-No.	 4027474	∅ mm	
<b>322-200</b>	-616632	40-200	1
<b>322-400</b>	-616717	40-400	1
<b>322-600</b>	-616892	40-600	1
<b>322-800</b>	-616977	40-800	1



**Round punches DIN 7200B**

For punching or manufacturing seals and sealing rings made from rubber, leather, felt, plastic, cork, fabric, etc.

325

**Description**

- High-quality special grade tool steel.
- Die-forged.
- Cutting part is induction-hardened.
- Powerful design.
- Resistant stove-enamelling.

Art.-No.	 4027474	Ø mm	
325-001	-618957	1	10
325-002	-619039	2	10
325-003	-619114	3	10
325-004	-619299	4	10
325-005	-619374	5	10
325-006	-619459	6	10
325-007	-619527	7	10
325-008	-619602	8	10
325-009	-619787	9	10
325-010	-619862	10	10
325-011	-619947	11	10
325-012	-620004	12	10
325-013	-620189	13	10
325-014	-620264	14	5
325-015	-620349	15	5
325-016	-620424	16	5
325-018	-620592	18	5
325-020	-620677	20	5



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09**Hollow punch DIN 7200B, in set**

For punching or manufacturing seals and sealing rings made from rubber, leather, felt, plastic, cork, fabric, etc.

325

**Description**

- High-quality special grade tool steel.
- Die-forged.
- Cutting part is induction-hardened.
- Powerful design.
- Resistant stove-enamelling.

Art.-No.	 4027474	Ø mm	Stück pieces	
325-120	-620752	2-19	12	1



**Arc punches DIN 7200A**



For punching or manufacturing seals and sealing rings made from rubber, leather, felt, plastic, cork, fabric, etc.

**326**



Description

- High-quality special grade tool steel.
- Die-forged.
- Cutting part is induction-hardened.
- Powerful design.
- Resistant stove-enamelling.

Art.-No.	 40274741	Ø mm	
326-002	-620837	2	10
326-003	-620912	3	10
326-004	-621094	4	10
326-005	-621179	5	10
326-006	-621254	6	10
326-007	-621339	7	10
326-008	-621414	8	10
326-009	-621582	9	10
326-010	-621667	10	10
326-011	-621742	11	10
326-012	-621827	12	10
326-013	-621902	13	10
326-014	-622084	14	10
326-015	-622169	15	10
326-016	-622244	16	10
326-017	-622329	17	10
326-018	-622404	18	10
326-019	-622572	19	10
326-020	-622657	20	10
326-021	-622732	21	1
326-022	-622817	22	1
326-023	-622992	23	1
326-024	-623074	24	1
326-025	-623159	25	1
326-026	-623234	26	1
326-027	-623319	27	1
326-028	-623494	28	1
326-029	-623562	29	1
326-030	-623647	30	1
326-031	-623722	31	1
326-032	-623807	32	1
326-033	-623982	33	1
326-034	-624064	34	1
326-035	-624149	35	1
326-036	-624224	36	1
326-037	-624309	37	1
326-038	-624484	38	1
326-039	-624552	39	1
326-040	-624637	40	1
326-041	-911003	41	1
326-042	-624897	42	1
326-043	-624972	43	1
326-044	-625054	44	1
326-045	-625139	45	1
326-046	-625214	46	1
326-047	-625399	47	1
326-048	-625474	48	1
326-049	-625542	49	1
326-050	-625627	50	1
326-055	-625702	55	1
326-060	-625887	60	1
326-065	-625962	65	1
326-070	-626044	70	1
326-075	-626129	75	1
326-080	-626204	80	1
326-085	-922320	85	1
326-090	-626389	90	1
326-095	-917128	95	1
326-100	-626464	100	1



**Arc punches set in wooden chest**

For punching or manufacturing seals and sealing rings made from rubber, leather, felt, plastic, cork, fabric, etc.

326





**Description**

- High-quality special grade tool steel.
- Die-forged.
- Cutting part is induction-hardened.
- Powerful design.
- Resistant stove-enamelling.

**Advantage**

- Clean and organized.

Art.-No.		Ø mm	Stück pieces	
326-132	-012076	2; 4; 6; 8; 10; 12; 14; 16; 8; 20	10	1
326-133	-012083	2; 4; 6; 8; 10; 12; 14; 16; 18; 20; 22; 24; 26; 28; 30	15	1
326-134	-012090	2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20	19	1

**Arc punches set in a plastic rolling case**

For punching or manufacturing seals and sealing rings made from rubber, leather, felt, plastic, cork, fabric, etc.

326





**Description**

- High-quality special grade tool steel.
- Die-forged.
- Cutting part is induction-hardened.
- Powerful design.
- Resistant stove-enamelling.

**Advantage**

- Clean and organized thanks to the practical rolling case.

Art.-No.		Ø mm	Stück pieces	
326-109	-916695	3; 5; 7; 9; 11; 13; 15; 17; 19	9	1
326-119	-916701	2; 3; 4; 5; 6; 7; 8; 9; 10; 11; 12; 13; 14; 15; 16; 17; 18; 19; 20	19	1
326-120	-626532	3; 5; 6; 8; 10; 12; 13; 14; 16; 19; 22; 25	12	1
326-130	-997700	2; 4; 6; 8; 10; 12; 14; 16; 18; 20; 22; 24; 26; 28; 30	15	1

**Arc punches set**

For punching or manufacturing seals and sealing rings made from rubber, leather, felt, plastic, cork, fabric, etc.

326





**Description**

- High-quality special grade tool steel.
- Die-forged.
- Cutting part is induction-hardened.
- Powerful design.
- Resistant stove-enamelling.

**Advantage**

- Clean and organized.
- In a practical plastic case for use on site.
- **Plastic plate** to place underneath the workpiece included in the set.

Art.-No.		Ø mm	Stück pieces	
326-230	-687991	2-3-4-5-6-7-8-9- 10-11-12-13- 14-15-16-17-18- 19-20-22-24-25- 28-30	25	1

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### Punches gasket cutters sets

For punching or producing seals and sealing rings from rubber, leather, felt, plastic, cork, fabric, etc. 2 punching tools with various diameters can be added to produce sealing rings in a single process.

# 326






#### Description

- 2K holder.
- High-quality special grade tool steel.
- Die-forged.
- Cutting part is induction-hardened.
- Powerful design.

#### Advantage

- In a practical plastic case for use on site.

Art.-No.	 40274741	∅ mm		Stück pieces	
<b>326-320</b>	-915605	3; 4; 6; 8; 10; 12; 14; 16; 18; 20	Kunststoff	11	1
<b>326-330</b>	-745004	3; 4; 6; 8; 10; 12; 14; 16; 18; 20; 22; 24; 26; 28; 30	Kunststoff	16	1
<b>326-350</b>	-915612	3; 4; 6; 8; 10; 12; 14; 16; 18; 20; 22; 24; 26; 28; 30; 32; 34; 36; 38; 40; 42; 44; 46; 48; 50	Kunststoff	32	1
<b>326-360</b>	-745264	2; 3; 4; 6; 8; 10; 12; 14; 16; 18; 20; 22; 24; 26; 28; 30; 32; 34; 36; 38; 40; 42; 44; 46; 48; 50; 52; 54; 56; 58; 60	Kunststoff	37	1





**Spare tube**

For punching or manufacturing seals and sealing rings made from rubber, leather, felt, plastic, cork, fabric, etc.

326

**Description**

- High-quality special grade tool steel.
- Cutting part is induction-hardened.
- Recessed cone.

Art.-No.		Ø mm	
326-402	-927660	2	1
326-403	-927677	3	1
326-404	-927684	4	1
326-405	-927691	5	1
326-406	-927707	6	1
326-407	-927714	7	1
326-408	-927721	8	1
326-409	-927738	9	1
326-410	-927745	10	1
326-412	-927752	12	1
326-414	-927769	14	1
326-416	-927776	16	1
326-418	-927783	18	1
326-420	-927790	20	1
326-422	-927806	22	1
326-424	-927813	24	1
326-426	-927820	26	1
326-428	-927837	28	1
326-430	-924799	30	1
326-432	-927844	32	1
326-434	-927851	34	1
326-436	-925147	36	1
326-438	-927868	38	1
326-440	-927875	40	1
326-442	-927882	42	1
326-444	-927899	44	1
326-446	-927905	46	1
326-448	-927912	48	1
326-450	-927929	50	1
326-452	-927936	52	1
326-454	-924911	54	1
326-456	-924805	56	1
326-458	-927943	58	1
326-460	-927950	60	1



**Stamping iron block holder**

For inserting the hole punches when punching and manufacturing seals and sealing rings made from rubber, leather, felt, plastic, cork, fabric, etc.

326

**Description**

- High-quality special grade tool steel.

Art.-No.		Ø mm	
326-590	-096953	20-50	1
326-592	-096960	20-60	1



### Stamping iron holder



For inserting the hole punches when punching and manufacturing seals and sealing rings made from rubber, leather, felt, plastic, cork, fabric, etc.

# 326



#### Description

- High-quality special grade tool steel.

Art.-No.		Ø mm	
<b>326-553</b>	-166670	2-60	1
<b>326-573</b>	-079062	3-20	1
<b>326-575</b>	-096922	3-30	1
<b>326-580</b>	-096939	2-10	1


### Single

# 326



#### Description

- High-quality special grade tool steel.

Art.-No.		
<b>326-595</b>	-096977	1

### Turret hole punches

For punching with low level of force.

# 750





#### Description

- Body of the pliers made from high-strength special steel.
- Bracket with non-slip red PVC handle, removable locking device.
- Removable pipes on the end of the handles, hardened and smoothed.
- Blow hole diameter 2 – 2.5 – 3 – 3.5 – 4 and 4.5 mm.

#### Advantage

- Adjusted hole size can be viewed in the window.
- Saves around 70% of force required

Art.-No.		L mm	
<b>750-220</b>	-611927	220	6
<b>750-250</b>	-650520	250	1

### Circular pattern cutting snips



Light-weight design for cutting curves and for short straight cuts.

# 971



#### Description

- Cutting head made from STAINLESS STEEL, die-forged.
- Induction-hardened blades (54-58 HRC), finely serrated.
- Bracket made from sturdy plate steel with non-slip 2-component casing.
- Non-slip guard and integrated spring (self-opening).
- CUTTING PERFORMANCE: Sheets up to 1.2 mm, V2A sheets up to 1.0 mm.

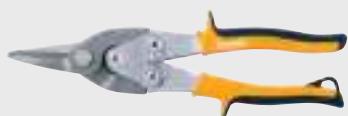
Art.-No.			L mm	
<b>971-240</b>	-557157	rechts / right	240	6
<b>971-241</b>	-557232	links / left	240	6



**Circular cutting snips**




Light-weight design for short and straight cuts.

971



**Description**

- Cutting head made from STAINLESS STEEL, die-forged.
- Induction-hardened blades (54-58 HRC), finely serrated.
- Bracket made from sturdy plate steel with non-slip 2-component casing.
- Non-slip guard and integrated spring (self-opening).
- CUTTING PERFORMANCE: Sheets up to 1.2 mm, V2A sheets up to 1.0 mm.

Art.-No.			 L mm	
971-242	-558222	links / left	240	6

**Circular cutting snips**




Heavy duty design for cutting curves and for short straight cuts.

972



**Description**

- Cutting head made from STAINLESS STEEL, die-forged.
- Induction-hardened blades (54-58 HRC), finely serrated.
- Bracket made from sturdy plate steel with non-slip 2-component casing.
- Non-slip guard and integrated spring (self-opening).
- CUTTING PERFORMANCE: Sheets up to 1.8 mm, V2A sheets up to 1.2 mm.

Art.-No.			 L mm	
972-260	-558307	rechts / right	260	5
972-261	-558482	links / left	260	5

**Accessories for metal shears**




Light-weight design for straight end-to-end cuts and for cutting figures.

973



**Description**

- Cutting head made from STAINLESS STEEL, die-forged.
- Induction-hardened blades (54-58 HRC), finely serrated.
- Bracket made from sturdy plate steel with non-slip 2-component casing.
- Non-slip guard and integrated spring (self-opening).
- CUTTING PERFORMANCE: Sheets up to 1.2 mm, V2A sheets up to 1.0 mm.

Art.-No.			 L mm	
973-240	-558550	rechts / right	240	6
973-241	-558635	links / left	240	6

**Accessories for metal shears**




Heavy-duty design for straight end-to-end cuts and for cutting figures.

974



**Description**

- Cutting head made from STAINLESS STEEL, die-forged.
- Induction-hardened blades (58-62 HRC), finely serrated.
- Bracket made from sturdy plate steel with non-slip 2-component casing.
- Non-slip guard and integrated spring (self-opening).
- CUTTING PERFORMANCE: Sheets up to 1.8 mm, V2A sheets up to 1.2 mm.

Art.-No.			 L mm	
974-260	-558710	rechts / right	260	5
974-261	-558895	links / left	260	5

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### Accessories for metal shears

For straight line and pattern cuts

# 974







#### Description

- Cutting head coated with TiN for even higher endurance, even with hard materials
- HSS blade inserts

#### Advantage

- Available for right-hand or left-hand splitting

Art.-No.			 mm	
974-HSL	-710279	rechts / right	260	1
974-HSR	-710354	links / left	260	1

### Berliner metal shears

For long, straight cuts.

# 980





#### Description

- Die-forged, blades induction.
- Hardened (54-58 HRC), smoothed and sand-blasted.
- Bracket with high-quality, blue protective coating and stopper.

#### Advantage

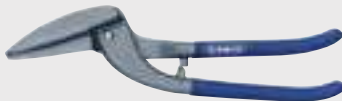
- Quality steel.

Art.-No.			 mm	
980-250	-560775	rechts / right	250	5
980-275	-560850	rechts / right	275	5
980-300	-645922	rechts / right	300	5

### Pelikan straight pattern cutting shears

For long, straight, end-to-end cuts.

# 981



#### Description

- Die-forged, blades induction.
- Hardened (54-58 HRC), smoothed and sand-blasted.
- Bracket with high-quality, blue protective coating and stopper.

#### Advantage

- Quality steel.
- Particularly suited for separating sheet panels

Art.-No.			 mm	
981-300	-560935	rechts / right	300	5

### Hole cutting shears

For short, straight cuts and for cutting figures

# 982







#### Description

- Die-forged, blades induction.
- Hardened (54-58 HRC), smoothed and sand-blasted.
- Bracket with high-quality, blue protective coating and stopper.

#### Advantage

- Quality steel.

Art.-No.			 mm	
982-250	-561017	rechts / right	250	5
982-251	-561192	links / left	250	5
982-275	-561277	rechts / right	275	5
982-276	-561352	links / left	275	5
982-300	-646004	rechts / right	300	5
982-301	-646189	links / left	300	5



### Accessories for metal shears

For cutting figures and for straight, end-to-end cuts.

# 983







#### Description

- Die-forged, blades induction.
- Hardened (54-58 HRC), smoothed and sand-blasted.
- Bracket with high-quality, blue protective coating and stopper.

#### Advantage

- Quality steel.

Art.-No.				
983-260	-561437	rechts / right	260	5
983-261	-561505	links / left	260	5
983-280	-561680	rechts / right	280	5
983-281	-561765	links / left	280	5

### Universal metal shears

For all types of cuts.

# 984



#### Description

- Die-forged, blades induction.
- Hardened (54-58 HRC), smoothed and sand-blasted.
- Bracket with high-quality, blue protective coating and stopper.

#### Advantage

- Quality steel.

Art.-No.				
984-250	-561840	rechts / right	250	5

### American metal shears

For long, straight cuts

# 985





#### Description

- Die-forged, blades induction.
- Hardened (54-58 HRC), smoothed and sand-blasted.
- Bracket with high-quality, blue protective coating and stopper.

#### Advantage

- Quality steel.

Art.-No.			
985-250	-561925	250	5

### Goldsmith / sheet metal shears

For cutting thin sheets.

# 986








#### Description

- Die-forged from special steel, hardened (54-58 HRC).
- Smoothed and sand-blasted.
- Hardened blades, smoothed and brightly polished.
- Bracket with high-quality protective coating in opened or closed design and/or with handle loop.

#### Advantage

- Available with straight or curved blades.

Art.-No.					
986-180	-562182	X		180	12
986-181	-562267		X	180	12

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**Goldsmith / sheet metal shears**

For cutting thin sheets.

**987**







**Description**

- Die-forged from special steel, hardened (54-58 HRC).
- Smoothed and sand-blasted.
- Hardened blades, smoothed and brightly polished.
- Bracket with high-quality protective coating in opened or closed design and/or with handle loop.

**Advantage**

- Available with straight or curved blades.

Art.-No.				L	
<b>987-180</b>	-562342	X		180	12
<b>987-181</b>	-562427		X	180	12

**Goldsmith / sheet metal shears**

For cutting thin sheets.

**988**







**Description**

- Die-forged from special steel, hardened (54-58 HRC).
- Smoothed and sand-blasted.
- Hardened blades, smoothed and brightly polished.
- Bracket with high-quality protective coating in opened or closed design and/or with handle loop.

**Advantage**

- Available with straight or curved blades.

Art.-No.				L	
<b>988-180</b>	-562595	X		180	12
<b>988-181</b>	-562670		X	180	12

**Universal / multi-purpose shears**



For industrial use and crafts.

**993**



**Description**

- Particularly sturdy design.
- Cuts fine sheets, wires, plastic, rubber, leather, cardboard, paper, carpets, flowers, branches, etc.
- Practical one-handed metal lock.

Art.-No.		L	
<b>993-140</b>	-563585	140 mm	1
<b>993-190</b>	-563660	190	1

**Work shears**



Cuts thick paper, cardboard, thin rubber, leather and fabric.

**995**



**Description**

- Die-forged from special steel and hardened.
- Polished blades.
- Coated handles, a long and round handle loop.

Art.-No.		L	
<b>995-175</b>	-166441	175 mm	1
<b>995-200</b>	-563905	200	1
<b>995-225</b>	-166465	225	1
<b>995-250</b>	-564087	250	1
<b>995-300</b>	-011598	300	1



**Multipurpose shears**




Individual application, cuts paper, fabric, etc.

996



**Description**

- Blades from rust-proof steel.
- Handles made from shockproof plastic with soft plastic inserts, adjustable and screwed in place.

Art.-No.		 mm	
996-180	-564162	180	1
996-210	-564247	210	1

**Folding spring**

Depending on the model, as a supplement for the shears. For long, straight figure cuts.

984





**Description**

- Die-forged, blades induction.
- Hardened (54-58 HRC), smoothed and sand-blasted.
- Bracket with high-quality, blue protective coating and stopper.

**Advantage**

- Support during processes.
- Quality steel.

Art.-No.		
984-900	-703349	1

**Universal truck tools „Basic set“ on wall panel**

For the clean and orderly storage of various Kukko pullers in your workshop.

WT-020




**Description**

- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website directly under the product name in the field „+ consists of.“

**Advantage**

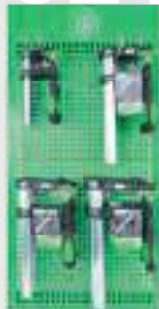
- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.		Stück pieces
WT-020	-141508	15

**Pulling devices for heavy trucks „Basic set“ on wall panel**

For the clean and orderly storage of various Kukko pullers in your workshop.

WT-021



**Description**

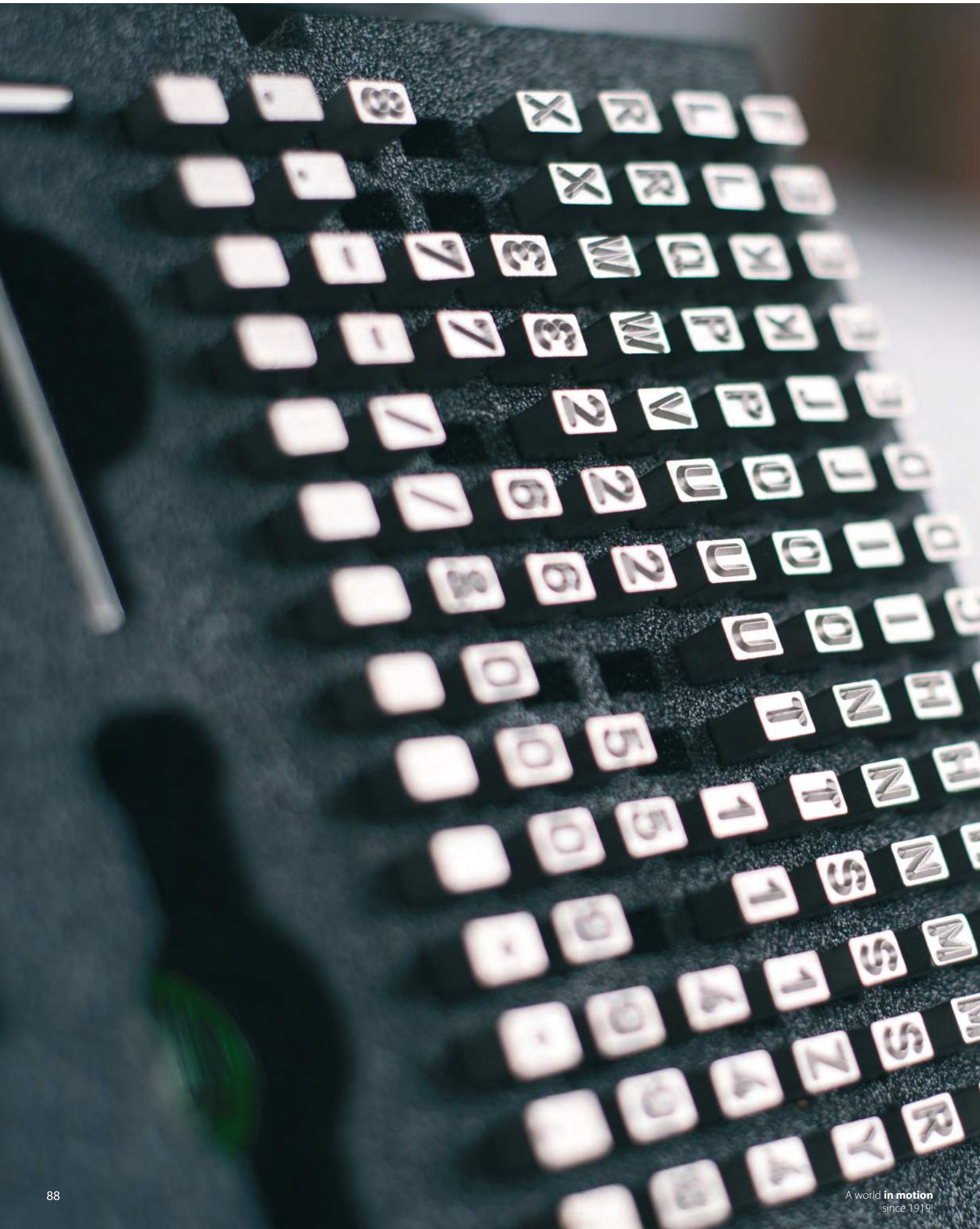
- The combination of tools is based on many years of user experience in various industries.
- More information about the products on this wall is provided on our website directly under the product name in the field „+ consists of.“

**Advantage**

- Complete easy-to-manage package.
- Central access to products for every employee in the workshop.

Art.-No.		Stück pieces
WT-021	-141515	12

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# Sign and marking

## Signieren und Markieren

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## Stencil „Figures“




For marking with dye, even on uneven surfaces.

# 327



### Description

- Standardized type face in accordance with DIN 1451.
- Made from resistant and flexible sheet zinc.
- Includes setting corners for simple marking and linking of symbols.
- Sturdy and reusable.

Art.-No.	 4027474	 mm	Satz / Set	
327-020	-012106	20	0 - 9	1
327-030	-998288	30	0 - 9	1
327-040	-998295	40	0 - 9	1
327-050	-998301	50	0 - 9	1
327-060	-998318	60	0 - 9	1
327-070	-915407	70	0 - 9	1
327-080	-915414	80	0 - 9	1
327-100	-915421	100	0 - 9	1
327-120	-943691	120	0 - 9	1
327-150	-943523	150	0 - 9	1
327-180	-943707	180	0 - 9	1
327-200	-941833	200	0 - 9	1
327-2025	-944407	250	0 - 9	1
327-2030	-998325	300	0 - 9	1
327-2040	-998332	400	0 - 9	1
327-2050	-998349	500	0 - 9	1

## Stencil „Letters“




For marking with dye, even on uneven surfaces.

# 327



### Description

- Standardized type face in accordance with DIN 1451.
- Made from resistant and flexible sheet zinc.
- Includes setting corners for simple marking and linking of symbols.
- Lower case letters also available on request.
- Sturdy and reusable.

Art.-No.	 4027474	 mm	Satz / Set	
327-220	-915438	20	A - Z	1
327-230	-915445	30	A - Z	1
327-240	-915452	40	A - Z	1
327-250	-915469	50	A - Z	1
327-260	-915476	60	A - Z	1
327-270	-915483	70	A - Z	1
327-280	-915490	80	A - Z	1
327-300	-915506	100	A - Z	1
327-320	-943714	120	A - Z	1
327-350	-943530	150	A - Z	1
327-380	-943721	180	A - Z	1
327-400	-943134	200	A - Z	1
327-4025	-944445	250	A - Z	1
327-4030	-000394	300	A - Z	1
327-4040	-000400	400	A - Z	1
327-4050	-000417	500	A - Z	1

**Steel number set, standard, 9-piece**To clearly mark workpieces with a strength of up to 900 N/mm<sup>2</sup>.





328

**Description**

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

**Advantage**

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.

Art.-No.	 4027474	A mm	 mm	 mm	
328-101	-266141	1,0	6	65	1
328-1015	-926274	1,5	6	65	1
328-102	-688257	2,0	6	65	1
328-1025	-919320	2,5	6	65	1
328-103	-688332	3,0	6	65	1
328-104	-688417	4,0	7	65	1
328-105	-688585	5,0	8	65	1
328-106	-692520	6,0	9	70	1
328-107	-804565	7,0	10	75	1
328-108	-688660	8,0	11	75	1
328-110	-688745	10,0	12	80	1
328-112	-688820	12,0	14	80	1
328-115	-010072	15,0	16	90	1
328-120	-010096	20,0	20	100	1

**Steel number set, heavy duty quality, 9-piece, DIN 7353**To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).





330

**Description**

- Standardized type face in accordance with DIN 7353.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

**Advantage**

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.

Art.-No.	 4027474	A mm	 mm	 mm	
330-501	-158200	1,0	7	70	1
330-5015	-158217	1,5	7	70	1
330-502	-928315	2,0	7	70	1
330-5025	-224899	2,5	8	75	1
330-503	-224905	3,0	8	75	1
330-504	-928346	4,0	9	75	1
330-505	-928353	5,0	10	75	1
330-506	-928360	6,0	12	80	1
330-508	-011314	8,0	14	80	1
330-510	-928384	10,0	16	90	1
330-512	-928391	12,0	18	95	1
330-515	-928407	15,0	18	95	1
330-520	-928414	20,0	20	100	1



### Steel number set, heavy duty quality, hardened strike head, 9-piece

To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).

# 330







#### Description

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

#### Advantage

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.
- Better grip thanks to larger shaft.
- The larger shaft increases the weight and therefore makes it easier to drive the tool into the work-piece.

Art.-No.	 4027474	<b>A</b> mm	 mm	 mm	
<b>330-001V</b>	-928131	1,0	7	70	1
<b>330-002V</b>	-928148	2,0	7	70	1
<b>330-003V</b>	-928162	3,0	8	70	1
<b>330-004V</b>	-928186	4,0	9	75	1
<b>330-005V</b>	-928209	5,0	10	75	1
<b>330-006V</b>	-928223	6,0	12	80	1
<b>330-008V</b>	-158194	8,0	14	80	1
<b>330-010V</b>	-928261	10,0	16	90	1
<b>330-012V</b>	-928285	12,0	18	95	1

### Steel number set, heavy duty quality, polished nickel plating, 9-piece, DIN 7353

To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).

# 330







#### Description

- Standardized punch stamp in accordance with DIN 7353.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

#### Advantage

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Particularly suited for marking stainless steel as the nickel-plated surface does not leave any additional rust behind unlike non-nickel-plated surfaces.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.
- Better grip thanks to larger shaft.

Art.-No.	 4027474	<b>A</b> mm	 mm	 mm	
<b>330-001</b>	-224868	1,0	6	65	1
<b>330-0015</b>	-031718	1,5	6	65	1
<b>330-002</b>	-626617	2,0	7	70	1
<b>330-0025</b>	-224875	2,5	7	70	1
<b>330-003</b>	-626792	3,0	7	70	1
<b>330-004</b>	-626877	4,0	8	70	1
<b>330-005</b>	-626952	5,0	9	70	1
<b>330-006</b>	-627034	6,0	10	75	1
<b>330-007</b>	-799106	7,0	10	75	1
<b>330-008</b>	-627119	8,0	12	80	1
<b>330-010</b>	-627294	10,0	14	80	1
<b>330-012</b>	-627379	12,0	16	90	1
<b>330-015</b>	-627454	15,0	16	90	1
<b>330-020</b>	-627522	20,0	20	100	1



### Steel number set, heavy duty quality, punctured, 9-piece

To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).

# 330







#### Description

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

#### Advantage

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.
- Better grip thanks to larger shaft.
- The larger shaft increases the weight and therefore makes it easier to drive the tool into the work-piece.

Art.-No.	 4027474	A mm	 mm	 mm	
330-003P	-928155	3,0	8	70	1
330-004P	-928179	4,0	9	70	1
330-005P	-928193	5,0	10	75	1
330-006P	-928216	6,0	12	80	1
330-008P	-010102	8,0	14	80	1
330-010P	-928254	10,0	16	90	1

### Steel number set, heavy duty quality, perpendicularly engraved, 9-piece

To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).

# 330







#### Description

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.
- Leaves a mirror-image label that enables users to read labels in difficult-to-reach locations using a mirror.

#### Advantage

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.
- Better grip thanks to larger shaft.
- The larger shaft increases the weight and therefore makes it easier to drive the tool into the work-piece.

Art.-No.	 4027474	A mm	 mm	 mm	
330-001R	-928124	1,0	7	70	1
330-002R	-801700	2,0	7	70	1
330-003R	-801717	3,0	8	75	1
330-004R	-801335	4,0	9	75	1
330-005R	-801724	5,0	10	75	1
330-006R	-802097	6,0	12	80	1
330-008R	-802110	8,0	14	80	1
330-010R	-011352	10,0	16	90	1





### Steel letter set, standard, 27-piece

To clearly mark workpieces with a strength of up to 900 N/mm<sup>2</sup> (27 HRC).

# 329







#### Description

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

#### Advantage

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.

Art.-No.	 4027474	A mm	 mm	 mm	
329-201	-266493	1,0	6	65	1
329-2015	-027605	1,5	6	65	1
329-202	-688905	2,0	6	65	1
329-2025	-919337	2,5	6	65	1
329-203	-692605	3,0	6	65	1
329-204	-689087	4,0	7	65	1
329-205	-689162	5,0	8	65	1
329-206	-689247	6,0	9	70	1
329-207	-804572	7,0	10	70	1
329-208	-689322	8,0	11	75	1
329-210	-689407	10,0	12	80	1
329-212	-689575	12,0	14	80	1
329-215	-002220	15,0	16	90	1
329-220	-002237	20,0	20	100	1

### Steel letter set, heavy duty quality, 27-piece, DIN 7353

To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).

# 331







#### Description

- Standardized type face in accordance with DIN 7353.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

#### Advantage

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.
- Better grip thanks to larger shaft.
- The larger shaft increases the weight and therefore makes it easier to drive the tool into the work-piece.

Art.-No.	 4027474	A mm	 mm	 mm	
331-501	-928643	1,0	7	70	1
331-5015	-928650	1,5	7	70	1
331-502	-928667	2,0	7	70	1
331-5025	-928674	2,5	8	70	1
331-503	-928681	3,0	8	70	1
331-504	-928698	4,0	9	70	1
331-505	-928704	5,0	10	75	1
331-506	-928711	6,0	12	80	1
331-508	-928728	8,0	14	80	1
331-510	-928735	10,0	16	90	1
331-512	-928742	12,0	18	95	1
331-515	-928759	15,0	18	95	1
331-520	-928766	20,0	20	100	1

### Steel letter set, heavy duty quality, with hardened striking head, 27-piece

To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).

# 331-V







#### Description

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

#### Advantage

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.
- Better grip thanks to larger shaft.
- The larger shaft increases the weight and therefore makes it easier to drive the tool into the work-piece.

Art.-No.	 4027474	A mm	 mm	 mm	
331-001V	-006273	1,0	7	70	1
331-002V	-006280	2,0	7	70	1
331-003V	-006303	3,0	8	75	1
331-004V	-928506	4,0	9	75	1
331-005V	-928520	5,0	10	75	1
331-006V	-928544	6,0	12	85	1
331-008V	-928575	8,0	14	80	1
331-010V	-928605	10,0	16	90	1
331-012V	-928636	12,0	18	95	1



**Steel letter set, heavy duty quality, polished nickel plated, 27-piece, DIN 7353**

To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).

331








**Description**

- Standardized punch stamp in accordance with DIN 7353.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

**Advantage**

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Particularly suited for marking stainless steel as the nickel-plated surface does not leave any additional rust behind unlike non-nickel-plated surfaces.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.
- Better grip thanks to larger shaft.

Art.-No.		A 			
		mm	mm	mm	
331-001	-917012	1,0	6	65	1
331-002	-627607	2,0	7	70	1
331-003	-627782	3,0	7	70	1
331-004	-627867	4,0	8	70	1
331-005	-627942	5,0	9	70	1
331-006	-628024	6,0	10	75	1
331-007	-911065	7,0	10	75	1
331-008	-628109	8,0	12	80	1
331-010	-628284	10,0	14	80	1
331-012	-628369	12,0	16	90	1
331-015	-628444	15,0	16	90	1
331-020	-628512	20,0	20	100	1

**Steel letter set, heavy duty quality, punctured, 27-piece**

To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).

331-P








**Description**

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

**Advantage**

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.
- Better grip thanks to larger shaft.
- The larger shaft increases the weight and therefore makes it easier to drive the tool into the work-piece.

Art.-No.		A 			
		mm	mm	mm	
331-003P	-006297	3,0	8	70	1
331-004P	-928490	4,0	9	70	1
331-005P	-928513	5,0	10	75	1
331-006P	-928537	6,0	12	80	1
331-008P	-928568	8,0	14	80	1
331-010P	-928599	10,0	16	90	1





**Steel letter set, heavy duty quality, perpendicularly engraved, 27-piece**

To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).

# 331-R







**Description**

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.
- Leaves a mirror-image label that enables users to read labels in difficult-to-reach locations using a mirror.

**Advantage**

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.
- Better grip thanks to larger shaft.
- The larger shaft increases the weight and therefore makes it easier to drive the tool into the work-piece.

Art.-No.		A mm			
331-001R	-928445	1,0	7	70	1
331-002R	-918446	2,0	7	70	1
331-003R	-802127	3,0	8	75	1
331-004R	-802134	4,0	9	75	1
331-005R	-802141	5,0	10	75	1
331-006R	-811785	6,0	12	80	1
331-008R	-802158	8,0	14	80	1
331-010R	-918453	10,0	16	90	1

**Steel letter set, heavy duty quality, lower case letters, 27-piece**

To clearly mark workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42 HRC).

# 331-K







**Description**

- Standardized type face in accordance with DIN 1451.
- Hardness of the engraving between 58 and 61 HRC.
- Side marking with font size, „Made in Germany“ and the safety notice „Wear eye protection“.

**Advantage**

- Particularly long service life as the engraving is performed using a cold-forming process that does not disrupt the material's fiber flow.
- Packaged in our tried-and-tested, break-proof plastic case.
- A sharpened exposed edge to the side of the engraving improves accuracy.
- Better grip thanks to larger shaft.
- The larger shaft increases the weight and therefore makes it easier to drive the tool into the work-piece.

Art.-No.		A mm			
331-001K	-918439	1,0	7	70	1
331-002K	-915735	2,0	7	70	1
331-003K	-909284	3,0	8	75	1
331-004K	-916718	4,0	9	75	1
331-005K	-909291	5,0	10	75	1
331-006K	-918040	6,0	12	80	1
331-008K	-928551	8,0	14	80	1
331-010K	-928582	10,0	16	90	1
331-012K	-928612	12,0	18	95	1



**Numbers / Letters****To clearly mark workpieces with a strength of up to 900 N/mm<sup>2</sup> (27 HRC).**

# 300



Turnus Special stamps are always used when individuality or specific components is required.

Specialized staff implement your wishes quickly and in high quality.

Inquiries about special stamps in the form of drawings or photographs are processed on the same day so that production can be realized within 1 week. You get a fair deal.

We create a 3D drawing and finished with a milling program on technically advanced CNC milling machines.

The character is inductively heated and thus specially hardened.



Quality Made in Germany.

**Description**

- High-precision milling thanks to CNC technology.
- Each hand stamp is manufactured according to your own individual requirements.
- Special characters, figures and letters can be combined according to your preferences and can also be surrounded by a border upon request.
- Hardness of the engraving between 58 and 61 HRC.

**Advantage**

- The stamp is sharpened on all sides up to the engraving to ensure precise stamping.

Art.-No.	 4027474	A mm	...stellig ...digit	
300H0201	-057145	2	1	1
300H0202	-057152	2	2	1
300H0203	-057169	2	3	1
300H0204	-057176	2	4	1
300H0205	-057183	2	5	1
300H0206	-057190	2	6	1
300H0207	-057206	2	7	1
300H0208	-057213	2	8	1
300H0209	-057220	2	9	1
300H0210	-057237	2	10	1
300H0301	-057244	3	1	1
300H0302	-057251	3	2	1
300H0303	-057268	3	3	1
300H0304	-057275	3	4	1
300H0305	-057299	3	5	1
300H0306	-057305	3	6	1
300H0307	-057312	3	7	1
300H0308	-057329	3	8	1
300H0309	-057336	3	9	1
300H0310	-057343	3	10	1
300H0401	-057350	4	1	1
300H0402	-057374	4	2	1
300H0403	-057381	4	3	1
300H0404	-057398	4	4	1
300H0405	-057404	4	5	1
300H0406	-057411	4	6	1
300H0407	-057428	4	7	1
300H0408	-057435	4	8	1
300H0409	-039509	4	9	1
300H0410	-039516	4	10	1
300H0501	-039523	5	1	1
300H0502	-039530	5	2	1
300H0503	-039554	5	3	1
300H0504	-039561	5	4	1
300H0505	-039578	5	5	1
300H0506	-039585	5	6	1
300H0507	-039592	5	7	1
300H0508	-039608	5	8	1
300H0510	-039639	5	10	1
300H0601	-039646	6	1	1
300H0602	-039653	6	2	1
300H0603	-039660	6	3	1
300H0604	-039677	6	4	1
300H0605	-039684	6	5	1
300H0606	-039691	6	6	1
300H0607	-039714	6	7	1
300H0608	-039721	6	8	1
300H0609	-039738	6	9	1
300H0610	-039745	6	10	1
300H0801	-039752	8	1	1
300H0802	-039769	8	2	1
300H0803	-039776	8	3	1
300H0804	-039783	8	4	1
300H0805	-039790	8	5	1
300H0806	-039806	8	6	1
300H0807	-039813	8	7	1
300H0808	-009946	8	8	1
300H0809	-009953	8	9	1
300H0810	-009960	8	10	1
300H1001	-009977	10	1	1
300H1002	-009984	10	2	1
300H1003	-009991	10	3	1
300H1004	-010003	10	4	1
300H1005	-010010	10	5	1
300H1006	-010027	10	6	1
300H1007	-010034	10	7	1
300H1008	-010041	10	8	1
300H1009	-010058	10	9	1
300H1010	-010065	10	10	1

## Hand stamp, additional symbols

To clearly mark workpieces with a strength of up to 900 N/mm<sup>2</sup> (27 HRC).

# 300SZ



Turnus Special stamps are always used when individuality or specific components is required.

Specialized staff implement your wishes quickly and in high quality.

Inquiries about special stamps in the form of drawings or photographs are processed on the same day so that production can be realized within 1 week. You get a fair deal.

We create a 3D drawing and finished with a milling program on technically advanced CNC milling machines.

The character is inductively heated and thus specially hardened.





Quality Made in Germany.

### Description

- High-precision milling thanks to CNC technology.
- Special characters such as earthing symbols, diameter symbols, etc., can be ordered for certain item numbers.
- Hardness of the engraving between 58 and 61 HRC.

### Advantage

- The stamp is sharpened on all sides up to the engraving to ensure precise stamping.

Art.-No.	 4027474	<b>A</b> mm	 mm	 mm	Zeichen Sign	
300SZ0201	-464202	2	7	70	±	1
300SZ0202	-464219	2	7	70	∧	1
300SZ0203	-464226	2	7	70	∅	1
300SZ0204	-464233	2	7	70	-	1
300SZ0205	-464240	2	7	70	+	1
300SZ0206	-464257	2	7	70	>	1
300SZ0207	-464264	2	7	70	~	1
300SZ0208	-464271	2	7	70	→	1
300SZ0209	-464288	2	7	70	(	1
300SZ0210	-464295	2	7	70	.	1
300SZ0301	-464301	3	8	75	ce	1
300SZ0302	-464318	3	8	75	∧	1
300SZ0303	-464325	3	8	75	∅	1
300SZ0304	-464332	3	8	75	-	1
300SZ0305	-464349	3	8	75	+	1
300SZ0306	-464356	3	8	75	>	1
300SZ0307	-464363	3	8	75	~	1
300SZ0308	-464370	3	8	75	→	1
300SZ0309	-464387	3	8	75	(	1
300SZ0310	-464394	3	8	75	.	1
300SZ0401	-464400	4	9	75	±	1
300SZ0402	-464417	4	9	75	∧	1
300SZ0403	-464424	4	9	75	∅	1
300SZ0404	-464431	4	9	75	-	1
300SZ0405	-464448	4	9	75	+	1
300SZ0406	-464455	4	9	75	>	1
300SZ0407	-464462	4	9	75	~	1
300SZ0408	-464479	4	9	75	→	1
300SZ0409	-464486	4	9	75	(	1
300SZ0410	-464493	4	9	75	.	1
300SZ0501	-464509	5	10	70	±	1
300SZ0502	-464516	5	10	70	∧	1
300SZ0503	-464523	5	10	70	∅	1
300SZ0504	-464530	5	10	70	-	1
300SZ0505	-464547	5	10	70	+	1
300SZ0506	-464554	5	10	70	>	1
300SZ0507	-464561	5	10	70	~	1
300SZ0508	-464578	5	10	70	→	1
300SZ0509	-464585	5	10	70	(	1
300SZ0510	-464592	5	10	70	.	1
300SZ0601	-464608	6	12	80	±	1
300SZ0602	-464615	6	12	80	∧	1
300SZ0603	-464622	6	12	80	∅	1
300SZ0604	-464639	6	12	80	-	1
300SZ0605	-464646	6	12	80	+	1
300SZ0606	-464653	6	12	80	>	1
300SZ0607	-464660	6	12	80	~	1
300SZ0608	-464677	6	12	80	→	1
300SZ0609	-464684	6	12	80	(	1
300SZ0610	-464691	6	12	80	.	1
300SZ0801	-464707	8	14	80	±	1
300SZ0802	-464714	8	14	80	∧	1
300SZ0803	-464721	8	14	80	∅	1
300SZ0804	-464738	8	14	80	-	1
300SZ0805	-464745	8	14	80	+	1
300SZ0806	-464752	8	14	80	>	1
300SZ0807	-464769	8	14	80	~	1
300SZ0808	-464776	8	14	80	→	1
300SZ0809	-464783	8	14	80	(	1
300SZ0810	-464790	8	14	80	.	1



### Hand stamp, star

To clearly mark workpieces with a strength of up to 900 N/mm<sup>2</sup> (27 HRC).

# 300S5



#### Description

- High-precision milling thanks to CNC technology.
- Particularly for limiting texts and serial numbers on type designation plates.
- Hardness of the engraving between 58 and 61 HRC.

#### Advantage

- The stamp is sharpened on all sides up to the engraving to ensure precise stamping.

Art.-No.		A mm			Zeichen Sign	
300H02S5	-222321	2	7	70	☆	1
300H03S5	-222338	3	8	75	☆	1
300H04S5	-222369	4	9	75	☆	1
300H05S5	-222383	5	10	75	☆	1
300H06S5	-023454	6	12	80	☆	1
300H07S5	-222413	7	14	80	☆	1
300H08S5	-222444	8	14	80	☆	1
300H10S5	-023522	10	16	90	☆	1

### Hand stamp, 6-line star

To clearly mark workpieces with a strength of up to 900 N/mm<sup>2</sup> (27 HRC).

# 300-S6



#### Description

- High-precision milling thanks to CNC technology.
- Particularly for limiting texts and serial numbers on type designation plates.
- Hardness of the engraving between 58 and 61 HRC.

#### Advantage

- The stamp is sharpened on all sides up to the engraving to ensure precise stamping.

Art.-No.		A mm			Zeichen Sign	
300H02S6	-023379	2	7	70	✱	1
300H03S6	-222345	3	8	75	✱	1
300H04S6	-222376	4	9	75	✱	1
300H05S6	-222390	5	10	75	✱	1
300H06S6	-222406	6	12	80	✱	1
300H07S6	-222437	7	14	80	✱	1
300H08S6	-222451	8	14	80	✱	1
300H10S6	-222468	10	16	90	✱	1

### Numberer 0-9

For clearly marking numerical series in workpieces with a strength of up to 1,300 N/mm<sup>2</sup> (42HRC).

# 332



#### Description

- Standardised type face in accordance with DIN 1451
- Hardness of the engraving between 58 and 61 HRC.

#### Advantage

- Particularly suited for marking stainless steel as the nickel-plated surface does not leave any additional rust behind unlike non-nickel-plated surfaces
- The sharpened exposed edge allows the set numbers to be read
- Thanks to the space-saving design, it can also be used in installation situations where space is limited

Art.-No.		A mm	...stellig ...digit	
332-352	-928803	2	6	1
332-353	-928810	3	6	1
332-354	-928827	4	6	1

01  
02  
03  
04  
05  
06  
07  
08  
09

**Stamping wheels, figures**




# 332


**Description**

- Made from specially alloyed grade tool steel.
- Alternative to hand stamps.

**Advantage**

- All numbers can be engraved with one tool.
- Particularly suited for marking stainless steel as the nickel-plated surface does not leave any additional rust behind unlike non-nickel-plated surfaces.

Art.-No.	 4027474	Ø mm	A mm	 mm	
<b>332-102</b>	-918804	73 x 6	2	9,8	1
<b>332-103</b>	-918811	73 x 6	3	9,8	1
<b>332-104</b>	-804695	73 x 7	4	9,8	1
<b>332-105</b>	-918828	73 x 8	5	9,8	1
<b>332-106</b>	-803742	73 x 9	6	9,8	1
<b>332-108</b>	-918835	73 x 11	8	9,8	1
<b>332-110</b>	-803308	73 x 12	10	9,8	1
<b>332-112</b>	-924690	73 x 15	12	9,8	1

**Stamping wheels, letters**




# 332


**Description**

- Made from specially alloyed grade tool steel.
- Alternative to hand stamps.

**Advantage**

- All numbers can be engraved with one tool.
- Particularly suited for marking stainless steel as the nickel-plated surface does not leave any additional rust behind unlike non-nickel-plated surfaces.

Art.-No.	 4027474	Ø mm	A mm	 mm	
<b>332-122</b>	-918859	73 x 6	2	9,8	1
<b>332-123</b>	-918866	73 x 6	3	9,8	1
<b>332-124</b>	-918873	73 x 7	4	9,8	1
<b>332-125</b>	-918880	73 x 8	5	9,8	1
<b>332-126</b>	-918897	73 x 9	6	9,8	1
<b>332-128</b>	-918903	73 x 11	8	9,8	1
<b>332-130</b>	-918910	73 x 12	10	9,8	1
<b>332-132</b>	-924706	73 x 15	12	9,8	1

**Holder for stamping wheels**

As a universal tool holder for the stamping wheel



# 332


**Description**

- For mounting different-sized stamping wheels thanks to the included spacer sleeves
- Simple fastening of the stamping wheel in the holder

**Advantage**

- Especially safe operation thanks to the ergonomic shaft

Art.-No.	 4027474	A mm	...-stellig ...-digit	
<b>332-100</b>	-997274	2 - 6	1	1

**Typ holder set**

For multi-digit engraving.




333

**Description**

- Extremely flexible engraving system that can be combined with a number of different type designation stamps.
- Type plates locked via an external grub screw.

**Advantage**

- Complete set packaged in a practical KUKKO L-Boxx-Mini.
- Specially treated grade tool steel for a particularly long service life.
- Anti-corrosive protection thanks to nickel-plated surface.
- Thanks to specially designed tweezers, type plates are particularly easy to insert into the stamp.

Art.-No.		A mm	...stellig ...-digit	Stück pieces		
333-015	-158255	1,5	15	120	L-Boxx-Mini	1
333-020	-158262	2,0	15	120	L-Boxx-Mini	1
333-025	-158279	2,5	10	115	L-Boxx-Mini	1
333-030	-158286	3,0	10	115	L-Boxx-Mini	1
333-040	-158293	4,0	10	115	L-Boxx-Mini	1
333-050	-158309	5,0	8	113	L-Boxx-Mini	1

**Typ holder sets**

For multi-digit engraving.



333

**Description**

- Extremely flexible engraving system that can be combined with a number of different type designation stamps.
- Type plates locked via an external grub screw.

**Advantage**

- Specially treated grade tool steel for a particularly long service life.
- Anti-corrosive protection thanks to nickel-plated surface.

Art.-No.		A mm	
333-000	-158224	1,5 - 2,0	1
333-001	-158231	2,5 - 3,0	1
333-002	-158248	4,0 - 5,0	1

**Single types A - Z / 0 - 9**





333

**Description**

- Made from specially alloyed grade tool steel.

**Advantage**

- Particularly suited for marking stainless steel as the nickel-plated surface does not leave any additional rust behind unlike non-nickel-plated surfaces.



Art.-No.		A mm			
333-015E	-032159	1,5	2x4	19	1
333-020E	-032166	2,0	2x4	19	1
333-025E	-032173	2,5	3x6	19	1
333-030E	-032180	3,0	3x6	19	1
333-040E	-032197	4,0	4x8	23	1
333-050E	-032203	5,0	5x8	23	1

**Ticket pliers**

334

**Description**

- Made from aluminium or brass.
- With embossed bead edging and hole for connecting the tool to be marked using a key ring, etc.
- Can also be embossed with individual symbols on request, for example for use when issuing in-house tools.

Art.-No.		Ø mm	Material material	A mm	
334-030	-334307	27	Ms	12	20
334-031	-143305	27	Al	12	50



# Non-sparking tools

## Funkenfreie Werkzeuge

### 08

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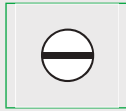
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09



## Non-sparking slotted screwdrivers

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.

# 175F



### Description

- Non-arcng.
- Non-magnetic.
- Wear-resistant alloy.

### Advantage

- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.			
175F0410	-014209	4,5x100	1
175F0415	-014216	4,5x150	1
175F0610	-014223	6,0x100	1
175F0615	-014230	6,0x150	1
175F0815	-014247	8,0x150	1
175F1020	-014254	10,0x200	1
175F1030	-014261	10,0x300	1

## Non-sparking phillips screwdrivers

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.

# 175FPH



### Description

- Non-arcng.
- Non-magnetic.
- Wear-resistant alloy.

### Advantage

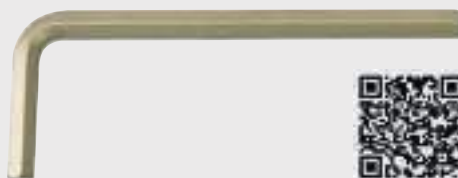
- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.			
175FPH1	-014278	PH1	1
175FPH2	-014285	PH2	1
175FPH3	-014292	PH3	1

## Non-sparking offset blade screwdrivers

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.

# 201F



### Description

- Non-arcng.
- Non-magnetic.
- Wear-resistant alloy.

### Advantage

- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.				
		mm	mm	
201F002	-014445	2	50	1
201F003	-014452	3	63	1
201F004	-014469	4	70	1
201F005	-997601	5	80	1
201F006	-997618	6	90	1
201F008	-010652	8	100	1
201F010	-997625	10	112	1
201F012	-997632	12	125	1
201F014	-057138	14	140	1



**Non-sparking ball peen hammers**

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.




# 345F

**Description**

- Non-arcing.
- Non-magnetic.
- Wear-resistant alloy.

**Advantage**

- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.	 4027474	 L mm	
<b>345F020</b>	-004729	200	1
<b>345F030</b>	-004736	300	1
<b>345F050</b>	-004743	500	1
<b>345F100</b>	-997649	1000	1

**Non-sparking water pump wrenches**

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.




# 721F

**Description**

- Non-arcing.
- Non-magnetic.
- Wear-resistant alloy.

**Advantage**

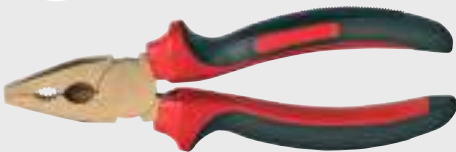
- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.	 4027474	 L mm	
<b>721F250</b>	-010737	250	1
<b>721F300</b>	-997656	300	1

**Non-sparking combination pliers**

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.




# 725F

**Description**

- Non-arcing.
- Non-magnetic.
- Wear-resistant alloy.

**Advantage**

- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.	 4027474	 L mm	
<b>725F200</b>	-010751	200	1



### Non-sparking adjustable wrenches

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.

# 832F






#### Description

- Non-arcng.
- Non-magnetic.
- Wear-resistant alloy.

#### Advantage

- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.	 4027474	 L mm	
<b>832F150</b>	-014858	150	1
<b>832F200</b>	-014865	200	1
<b>832F250</b>	-014872	250	1
<b>832F300</b>	-014889	300	1

### Non-sparking barrel key

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.

# 833F





#### Description

- Non-arcng.
- Non-magnetic.
- Wear-resistant alloy.

#### Advantage

- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.	 4027474	 L mm	
<b>833F380</b>	-014896	380	1

**Non-sparking single open-end wrenches**

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.





# 1005F

**Description**

- Non-arcing.
- Non-magnetic.
- Wear-resistant alloy.

**Advantage**

- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.	 4027474	 mm	 mm	
1005F006	-013998	6	75	1
1005F007	-014001	7	80	1
1005F008	-013585	8	95	1
1005F009	-014018	9	100	1
1005F010	-014476	10	105	1
1005F011	-014483	11	115	1
1005F012	-014490	12	125	1
1005F013	-997281	13	135	1
1005F014	-997298	14	140	1
1005F015	-997304	15	145	1
1005F016	-997311	16	150	1
1005F017	-997328	17	150	1
1005F018	-997335	18	170	1
1005F019	-997342	19	170	1
1005F020	-014612	20	180	1
1005F021	-914363	21	195	1
1005F022	-997359	22	195	1
1005F023	-997366	23	205	1
1005F024	-997373	24	215	1
1005F025	-914400	25	220	1
1005F026	-997380	26	230	1
1005F027	-997397	27	240	1
1005F028	-997403	28	250	1
1005F029	-997410	29	260	1
1005F030	-997427	30	260	1
1005F032	-997434	32	275	1
1005F036	-997441	36	305	1
1005F038	-997458	38	315	1
1005F041	-997465	41	340	1
1005F046	-997472	46	380	1
1005F050	-997489	50	410	1
1005F055	-997496	55	440	1
1005F060	-014797	60	480	1
1005F065	-014803	65	510	1
1005F070	-014810	70	575	1
1005F075	-014827	75	610	1

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## Non-sparking open jaw spanner (DIN 895)

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.

# 1006F







### Description

- Non-arcing.
- Non-magnetic.
- Wear-resistant alloy.

### Advantage

- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.		 mm	 mm	
1006F0607	-015800	6x7	125	1
1006F0809	-015817	7x8	140	1
1006F1011	-011642	10x11	140	1
1006F1013	-014834	10x13	160	1
1006F1014	-015848	10x14	160	1
1006F1213	-011666	12x13	160	1
1006F1415	-015879	14x15	200	1
1006F1617	-015886	16x17	200	1
1006F1719	-015893	17x19	225	1
1006F1819	-015909	18x19	225	1
1006F2022	-011710	20x22	225	1
1006F2123	-011727	21x23	225	1
1006F2224	-011734	22x24	240	1
1006F2427	-015954	24x27	270	1
1006F2528	-015961	25x28	270	1
1006F3032	-015978	30x32	30	1
1006F3236	-015985	32x36	300	1
1006F4146	-001933	41x46	360	1
1006F4650	-001940	46x50	420	1

## Non-sparking Combination spanners (DIN 3113)

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.

# 1007F







### Description

- Non-arcing.
- Non-magnetic.
- Wear-resistant alloy.

### Advantage

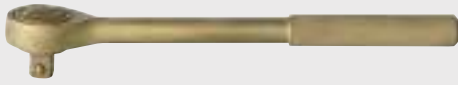
- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.		 mm	 mm	
1007F06	-011802	6	135	1
1007F07	-001964	7	135	1
1007F08	-997502	8	135	1
1007F09	-997519	9	150	1
1007F10	-997526	10	150	1
1007F11	-997533	11	150	1
1007F12	-002015	12	190	1
1007F13	-997540	13	190	1
1007F14	-997557	14	190	1
1007F15	-997564	15	210	1
1007F16	-997571	16	210	1
1007F17	-006792	17	210	1
1007F18	-006808	18	230	1
1007F19	-006815	19	230	1
1007F20	-006822	20	230	1
1007F21	-006839	21	250	1
1007F22	-006846	22	250	1
1007F24	-006853	24	270	1
1007F27	-006860	27	280	1
1007F30	-006877	30	300	1
1007F32	-006884	32	300	1
1007F36	-006891	36	330	1
1007F41	-014155	41	410	1
1007F46	-014162	46	410	1
1007F50	-014179	50	435	1
1007F55	-014186	55	455	1
1007F60	-014193	60	475	1

**Non-sparking ratchet, 1/2"**

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.




# 836F

**Description**

- Non-arcng.
- Non-magnetic.
- Wear-resistant alloy.

**Advantage**

- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.	 40274741	 L mm	
836F1225	-010768	250	1

**Non-sparking socket wrench dies 1/2"**

For use in areas containing combustible or easily ignitable vapors, liquids or particulate and in all situations where sparks could result in a risk of fire and explosion.




# 1897F

**Description**

- Non-arcng.
- Non-magnetic.
- Wear-resistant alloy.

**Advantage**

- Extremely corrosion-resistant in many different environments (e.g. sea water)
- Alloys have been tested by the German Federal Institute for Materials Research and Testing in Berlin.

Art.-No.	 40274741	 mm	
1897F1210	-997588	10	1
1897F1211	-014308	11	1
1897F1213	-009533	13	1
1897F1214	-014322	14	1
1897F1216	-014339	16	1
1897F1217	-014346	17	1
1897F1218	-014353	18	1
1897F1219	-014360	19	1
1897F1220	-014377	20	1
1897F1221	-014384	21	1
1897F1222	-014391	22	1
1897F1224	-014407	24	1
1897F1227	-014414	27	1
1897F1230	-014421	30	1
1897F1232	-014438	32	1



# Others

## Sonstiges

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
**Set of nozzle reamers**

For cleaning nozzles.

# 245


**Description**

- Induction-hardened and smoothed.
- Quality steel.
- Conical design.
- Shape with square hinge for attachment to the metal holder.

Art.-No.		∅ mm	Stück pieces	
<b>245-004</b>	-597412	0,6; 0,65; 0,7; 0,75; 0,8; 0,9; 1,0; 1,1; 1,3; 1,5; 1,7; 1,9	12	5

**Tool and drill holder with ratchet**

For threading and grinding.







# 280


**Description**

- Can be converted for right-hand and left-hand rotation plus rigid lock.
- Two jaw chuck for secure clamping for the square shafts.
- Sliding T-handle with grooved grid on the ends.
- Chrome-plated.

**Advantage**

- Suitable for particularly difficult-to-reach spots.

Art.-No.		 mm	 DIN 352	 DIN 206	 mm	
<b>280-085</b>	-910938	M3 - M10	M1 - M10	2,5 - 6,5	85	1
<b>280-100</b>	-910945	M5 - M12	M4,5 - M12	5,5 - 10	100	1

**Tool and drill holder with ratchet**

For threading and grinding deep-set workpieces.







# 280


**Description**

- Can be converted for right-hand and left-hand rotation plus rigid lock.
- Two jaw chuck for secure clamping for the square shafts.
- Sliding T-handle with grooved grid on the ends.
- Chrome-plated.

**Advantage**

- Suitable for particularly difficult-to-reach spots.

Art.-No.		 mm	 DIN 352	 DIN 206	 mm	
<b>280-250</b>	-910952	2 - 5,5	M1 - M10	2,5 - 6,5	250	1
<b>280-300</b>	-910969	4,5 - 8	M5 - M12	5,5 - 10	300	1





**Tool holder**

For holding various tools for universal use.

# 300


**Description**

- Striated brass grip
- Two interchangeable clamping cartridges for various diameters.
- Square head nut.

Art.-No.		 mm	 mm	
<b>300-090</b>	-601119	0 - 2,5	90	5
<b>300-100</b>	-601294	0 - 3,2	100	5
<b>300-110</b>	-601379	0 - 4	110	5





**Tool holder**





For holding various tools for universal use.

# 310



**Description**

- Fully perforated.
- Knurled union nut.
- Serrated plastic handle.
- Perforated

Art.-No.	 4027474	 mm	 mm	
<b>310-105</b>	-601454	0 - 1,2	105	5
<b>310-110</b>	-601522	1,2 - 2,0	110	5
<b>310-115</b>	-601607	2,0 - 3,0	115	5
<b>310-135</b>	-601782	2,0 - 3,5	135	5
<b>310-160</b>	-601867	3,0 - 4,5	160	5
<b>310-170</b>	-601942	4,0 - 6,0	170	5
<b>310-180</b>	-909215	6,0 - 8,0	180	5

**Tool holder**





For holding various tools for universal use.

# 315



**Description**

- Brass
- Nickel-plated.
- Perforated

Art.-No.	 4027474	 mm	 mm	
<b>315-801</b>	-701284	0 - 1,0	80	5
<b>315-802</b>	-701369	1 - 2,0	80	5

**Tool holder**





For holding various tools for universal use.

# 320



**Description**

- With 2 fixed welding tong components and head nuts.
- Brass shaft
- Grooved and nickel-plated
- Perforated

Art.-No.	 4027474	 mm	 mm	
<b>320-115</b>	-602109	0 - 1,5 - 1,5 - 3,0	115	5

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**Ticket pliers, nickel plated**

For marking test badges and similar




# 334


**Description**

- Solid steel design for particularly long lifespan

**Advantage**

- Quick and easy handling for efficient operation

Art.-No.		∅		
	4027474	mm	mm	
<b>334-820</b>	-929558	3	120	1

**Sealing pliers**

For cutting sealing wire and lead seals with just one tool.




# 334


**Description**

- Accurate combination of pliers including lead-sealing pliers and side cutters.
- With replaceable stamps provided by us, with your own individual engraving on request.

**Advantage**

- Saves time as the tool does not need to be changed.

Art.-No.		∅		
	4027474	mm	mm	
<b>334-900</b>	-928926	8	155	1





**Lead sealing pliers**

For universal lead sealing.

# 334


**Description**

- With replaceable stamps provided by us, with your own individual engraving on request.
- Simple operation thanks to conversion of the lever.

Art.-No.		∅		Bezeichnung description		
	4027474	mm	mm			
<b>334-908</b>	-928933	8	130			1
<b>334-910</b>	-928940	10	130			1
<b>334-918</b>	-928957	8			334-908	1
<b>334-920</b>	-928964	10		Stempel	334-910	1



**Lead seals**



For universal lead sealing.

334



**Description**

- Flexible and portable.
- Particularly suited to smaller products such as fuel canisters.

Art.-No.	 4027474	∅ mm	Inhalt content	
334-928	-998394	8	1 kg ~ 850 Stk./ pcs.	1
334-930	-334932	10	1 kg ~ 380 Stk./ pcs.	1

**Stamp for lead sealing pliers**

334






**Description**

- Spare stamp for lead sealing pliers.

**Advantage**

- On request, we can also produce your own individual lead stamps containing your logo or individual design.




Art.-No.	 4027474	∅ mm	Bezeichnung description		
334-918	-928957	8		334-908	1
334-920	-928964	10	Stempel	334-910	1

**Sealing wire, zinc plated, on coil**

For universal lead sealing. The sealing wire is wound around a spool and can be cut to the required length.

334



Art.-No.	 4027474	 mm	Inhalt content	
334-929	-998400	0,5 x 0,3	0,5 kg = 200 m	1
334-931	-334314	0,5 x 0,3	1,0 kg = 400 m	1

**Lead wire, galvanized, in coils**





For universal lead sealing.

334



**Description**

- Practical packaging containing bundles of standardized lengths.

Art.-No.	 4027474	 mm	 mm	Stück pieces	
334-933	-334338	0,5 x 0,3	120	1000	1
334-934	-334345	0,5 x 0,3	180	1000	1

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### Back-kick free soft-head hammers

for straightening work in which the material cannot be damaged.

# 343





#### Description

- Completely plastic-coated mallet in recoil-proof design.
- Temperature-resistant from - 20°C to + 90°C

#### Advantage

- Special filling in the hammerhead results in a multiplication of the impact energy.
- Perfect for straightening work in which the material cannot be damaged.
- Recoil-proof and protective of joints.




Art.-No.	 4027474	∅ mm	L mm	
<b>343-035</b>	-911102	35	280	12
<b>343-050</b>	-911119	50	320	12
<b>343-060</b>	-911126	60	375	12

### Wrecking bar

For removing hammered in nails.

# 350








Art.-No.	 4027474	L mm	 mm	
<b>350-040</b>	-446260	400	18	1
<b>350-060</b>	-464127	600	18	1
<b>350-080</b>	-464134	800	18	1



Door clamping mechanism with 50 x 50 x 6 mm T-profile

512








Art.-No.	 4027474	 mm	 mm	 mm	
512-100	-013318	1000	80	48	1
512-120	-803162	1200	80	48	1
512-150	-918064	1500	80	48	1
512-210	-918071	2000	80	48	1
512-250	-002022	2500	80	48	1

Door clamping mechanism with 40 x 40 x 5 mm T-profile

513






Art.-No.	 4027474	 mm	 mm	 mm	
513-100	-002039	1000	66	43	1
513-120	-666668	1200	66	43	1
513-150	-002046	1500	66	43	1
513-210	-002053	2100	66	43	1
513-250	-002060	2500	66	43	1

Door lining mounting struts

515



Art.-No.	 4027474	 mm	
515-100	-001148	560-1010	2

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### Pipe welder vise-grip wrenches

Specially designed for central clamping when welding pipes or rounded material.

# 696+






#### Description

- Upper gripper jaw, angled, prism design.
- Tension regulator and release lever.
- Body of the pliers: rolled steel, very robust.
- Sturdy gripping jaws in U design, die-forged.

#### Advantage

- Highly resilient.
- One-hand operation.
- Secure three-point support.
- High level of tension thanks to the toggle lever transmission.

Art.-No.		 L mm	
696+010	-909659	260	5

### Clamp vise-grip wrenches

Clamps bulky workpieces and profiles with high bars.

# 697+






#### Description

- Tension regulator and release lever.
- Body of the pliers: rolled steel, very robust.
- Narrow, sturdy clamp gripping jaws in C-design, die-forged and hardened and tempered.

#### Advantage

- Particularly suited for clamping profile materials (U or T design).
- Highly resilient.
- One-hand operation.
- High level of tension thanks to the toggle lever transmission.

Art.-No.		 L mm	
697+006	-812300	260	5

### Clamp vise-grip wrenches

For access to narrow points.

# 698+






#### Description

- Slim gripper jaw outlet.
- Tension regulator and release lever.
- Body of the pliers: rolled steel, very robust.
- Narrow, sturdy clamp gripping jaws in C-design, die-forged and hardened and tempered.

#### Advantage

- Particularly suited for clamping profile materials (U or T design).
- Highly resilient.
- One-hand operation.
- High level of tension thanks to the toggle lever transmission.

Art.-No.		 L mm	
698+008	-909697	280	5



**Parallel clamp vise-grip wrenches**

For access to narrow points.

698+






**Description**

- Slim gripper jaw outlet.
- Tension regulator and release lever.
- Body of the pliers: rolled steel, very robust.
- Narrow, sturdy clamp gripping jaws in C-design, die-forged and hardened and tempered.

**Advantage**

- Particularly suited for clamping profile materials (U or T design).
- Highly resilient.
- One-hand operation.
- High level of tension thanks to the toggle lever transmission.

Art.-No.		 mm	
698+007	-909680	280	5

**Universal vise-grip wrenches**

For secure clamping of rounded, profile and flat material.

690+





**Description**

- Tension regulator and release lever.
- Body of the pliers: rolled steel, very robust.
- Gripper jaws: Chromium vanadium electric steel, forged.

**Advantage**

- Highly resilient.
- One-hand operation.
- High level of tension thanks to the toggle lever transmission.

Art.-No.		 mm	
690+004	-909604	220	5

**Universal Opti vise-grip wrenches**

For secure clamping of rounded, profile and flat material.

691+



**Description**

- Tension regulator and release lever.
- Body of the pliers: rolled steel, very robust.
- Gripper jaws: Chromium vanadium electric steel, forged.

**Advantage**

- Highly resilient.
- One-hand operation.
- High level of tension thanks to the toggle lever transmission.

Art.-No.		 mm	
691+005	-909611	220	5

**Clamp vise-grip wrenches**

For secure clamping of rounded, profile and flat material.

692+






**Description**

- Tension regulator and release lever.
- Body of the pliers: rolled steel, very robust.
- Gripper jaws: Chromium vanadium electric steel, forged.

**Advantage**

- Highly resilient.
- One-hand operation.
- High level of tension thanks to the toggle lever transmission.

Art.-No.		 mm	
692+014	-909628	280	5

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