



DIN  
9069  
300



**GEDORE**  
ROT BAND-PLUS  
GERMAN

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6



++ FOR SAFE STRIKING +



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# GEDORE HAMMERS AND STRIKING TOOLS ----- ++

## FOR TOUGH WORK AND PRECISION ALIKE

- ✔ Large selection of hammers: from the tile hammer, recoilless hammer, forging tool and engineer's hammer through to the sledge hammer
- ✔ Top-grade industrial quality for the hardest of continuous uses
- ✔ Available singly or in practical sets
- ✔ Customized manufacturing and types on request



## + TOP QUALITY - EVERYTHING FROM A SINGLE SOURCE

- ✔ The base is made up of stringently controlled quality steel and meticulously selected wood
- ✔ Experienced and reliable specialists vouch for precision-like processing
- ✔ Hammer head and shaft (up to 400 mm) are made in GEDORE's own production facilities in Germany
- ✔ Stringent quality checks after each production step ensure a constantly high level



## ROT BAND-PLUS SYSTEM - DEPENDABILITY UNDER EXTREME LOADING ++

- ✔ Hammers utilize the ROT BAND-PLUS securing system - "no losing of heads" as a result
- ✔ The ideal aid for site work
- ✔ Models with extra inductively tempered edges of the faces



## ++ GEDORE STRIKING TOOLS

- ✔ Large selection including chisels, center punches and drift punches
- ✔ With optional hand guard
- ✔ Also available in the range/set
- ✔ Precisely hardened and annealed - long tool life



## + FOR HAMMERS

### HAMMER HEAD



1 C45 hardened and tempered steel precisely cropped to length.



2 Hot pre-forged in a double forging die.



3 Fully forged blank.



4 De-burring of the blanks.



5 Production of the hammer eye.



6 After descaling the blank, it is machined all round in accordance with DIN 1193. The pein and face of the hammer head are additionally ground.



7 The hammer head is induction hardened to 50-58 HRC and then annealed. Care has to be taken to ensure that, within a defined measured area, the hardness deviation is no greater than 5 HRC. The hardening depth on the face and pein must be at least 3 mm. The hardness of the eye zones, however, must not exceed 30 HRC. The hammer head now has hard striking faces and a soft "shock absorber" zone. These safety-relevant values are subject to continuous monitoring. The hammer head is permanently stamped with the manufacturer's mark, weight and DIN 1041.



8 The hammer head is sand blasted to descale and degrease it.



9 Corrosion protection by stove enamelling.



10 The hammer face and pein are ground bright in accordance with DIN 1041. Attention is paid here particularly to regular clean edges and to a slight convex geometry of the face.



### HAMMER SHAFT



1 Shaft blank from hickory. This tough wood has long fibres, making it ideal for hammer shafts. The long fibres cushion the impact in the hand. The tight annealed rings give the wood its flexural strength.



2 The square shaft blank is cut to size.



3 The hammer shaft is milled.



4 The look is improved by sanding.



5 Coating with water-soluble clear varnish.



6 The hand end is set off in mahogany staining.



7 The shaft protection sleeve is pressed on and the shaft tampon printed.

# HAMMERS

## TIP: HOW CAN I TELL IF THE HAMMER IS A RELIABLE ONE?

**The hammer head must be correctly hardened and tempered**

No precision hardening and annealing - also referred to tempering - can be checked on without the use of aids. The hammer face and pein must have a hardness of between 50 and 58 HRC. Hardness must reach down to at least 3 mm. 30 HRC is not to be exceeded at the inserting eye for safety reasons.  
 - GEDORE manufactures on the basis of the above DIN 1193 requirements and meets them at the same time. Constant tests vouch for these figures.

**DIN designation solely in association with the manufacturer's logo.**

- GEDORE stamps in DIN 1041 weight details and logo (The German equipment safety law points to the insufficiency of weight details and stamping of DIN 1041).

**Permanent, clear-cut fitting of the manufacturer's logo**

- GEDORE stamps or forges the prescribed information into the hammer head in a permanent and legible manner.

**Accurate 45° edge at hammer face and pein**

The edge - also referred to as chamfer - stops any dangerous splintering. GEDORE hammers have a clean-cut edge as conforming to regulations.

**Distinctive manufacturer's name on the hammer head**

- GEDORE inscribes its hammer heads with **HB (Hermann Bremer)**.

**Assured and firm connection/fitting of hammer shaft and head**

Take a look: are there any gaps between hammer eye and shaft? The wooden shaft must be secure and shake-free in the hammer head. The shaft/hammer head connection must be securely wedged.  
 - GEDORE only uses tapered collars which ensure optimum distribution of the clamping force in the hammer eye.  
 - The ROTBAND-PLUS system developed and patented by GEDORE turns the ordinary DIN hammer into a "safety hammer".

**Is the shaft fault-free?**

The hammer shaft is not to have any cracks, branch holes or other faults. Nor every type of wood is suitable for hammer shafts. Hickory and ash are noted as the preferred woods in DIN 68340.  
 - Only these two wood types are used by GEDORE in its own manufacturing process.



**Note:**

Rubber handgrip feature: make sure the handgrip is firmly bonded to the shaft. Try out the turning test. A handgrip which can still be turned on the hammer shaft does not meet the DIN-prescribed figures.

**Note:**

Intensive testing of steel tube, fibre glass and plastic shafts as to a firm fit in the hammer head is required. Preference is for hammers with an additionally secured head. The head is also positively fitted to the hammer shaft by means of a spring pin. **GEDORE Safety: Beat for beat!**





# SAFETY NOTES FOR HAMMERS

- Wear safety glasses and safety gloves!
- Use the hammer only for its intended purpose!
- Never misuse the hammer as a lever!
- Before starting work, check that the hammer head is securely attached to the shaft!
- Select the appropriate type and size of hammer for the work to be carried out!
- Never hit two hammers together!
- Never use steel hammers on workpieces harder than 46 HRC! Use suitable plastic-faced hammers for this! In case of doubt, the healthier choice is a suitable plastic-faced hammer.
- Avoid bouncing blows!
- Use only the work faces of the hammer! Blows with the side face damage the non-hardened hammer eye. This can loosen the grip of the shaft in the hammer head.
- If a burr forms on the pein or face of the hammer head, this must be immediately removed. Failure to do this can pose the risk of splintering when the hammer is in use.
- Grip the hammer shaft as far away from the hammer head as possible! This improves the impact effect and avoids vibrations.
- Do not store hammers with wooden shafts in warm, dry environments! Wood is a natural product. Dry, warm storage conditions cause the shaft to lose moisture and shrink, so that the hammer shaft is no longer a tight fit in the hammer head. Opposite storage conditions also have a negative effect on the wooden shaft. Do not store the wooden shaft in too damp conditions! Too much moisture causes the wooden shaft to swell up and destroys the wooden fibres. This can result in the wooden shaft snapping behind the eye area.
- Use only approved hammers for work in explosion-hazard areas!
- Use only suitable GEDORE replacement shafts and wedges.



## WOOD IS A NATURAL PRODUCT!

- GEDORE uses only wood types and timbers that comply with DIN 68 340 (Wooden Shafts for Impact Tools)
- Wood retains its natural properties even after processing
- Trees regulate their moisture content by giving off moisture through their pores. This property is retained in processed wood. This means that a wooden hammer shaft loses moisture through its pores when the air humidity is low.

- DIN 68 340 defines the required moisture content of the hammer shaft at the time of joining the shaft to the head. This must be between 12% and 14% in relation to the dry weight. In-house manufacture under continuous quality controls guarantees compliance with the requirements of DIN 68 340.

### Tip:

- Before use, always check that the hammer head is securely attached to the shaft!
- Never store the hammer in too dry conditions!
- Storage in well-heated rooms or near a source of heat is particularly harmful, drawing moisture out of the hammer shaft, causing the shaft section to shrink. In extreme cases, the secure fit of the hammer head on the shaft can no longer be guaranteed.

# ADVANTAGES OF THE DIFFERENT HANDLE TYPES

## HICKORY HANDLES

- High quality and extremely break-proof wood. Compared with ash the physical load stability of hickory is around 3-4 times higher
- Long-fibre structure: More safety in the event of a handle breakage - the wood is held together by the long fibres and hence uncontrolled separation of the broken handle as well as the hammer head is avoided
- Vibration dampening
- Long life = very good price/performance ratio

## ASH HANDLES

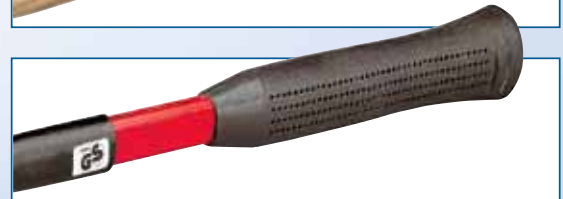
- This wood is prescribed by the DIN as the minimum wood quality
- Inexpensive
- Break-proof
- Short-fibre structure: the short fibres in the wood mean that, in the event of a break, the shaft cannot be held together. The shaft breaks into two parts.

## FIBRE GLASS HANDLES


























- Robust - virtually unbreakable
- Insensitive to all weather conditions - can also be fully used in minus temperatures and is still unbreakable
- Resistant to all common chemicals such as for example oils and greases

## TUBULAR STEEL HANDLES

- High bending strength
- Resistant to the influence of weather





		 ROTBAND-PLUS	 hickory	 ash	 tubular steel	 fiberglass	 plastic	 inductive	 g	
	600 E	●		●					100 - 2000	
	600H	●	●						100 - 2000	
	600 IH	●	●					●	200 - 2000	
	4 E			●					50 - 2000	
	4 H		●						50 - 2000	
	4 IH		●					●	200 - 2000	
	4 K						●		200 - 1000	
	500 F					●			200 - 2000	
	500 ST				●				300 - 500	
	525 H	Rotband	●						500	
	8601			●					1/4 LBS - 2 LBS	
	601 H	●	●						300 - 500	
	65 E			●					100 - 600	
	620 E	●		●					1000 - 2000	
	620 H	●	●						1000 - 2000	
	20 E			●					1000 - 10000	
	20 H		●						1000 - 10000	
	20 F					●			1000 - 10000	
	20 ST				●				1000 - 1250	
	646 H	●	●						1000 - 2000	
	46 E			●					1000 - 2000	
	609 H	●	●						3000 - 10000	
	9 E			●					3000 - 10000	
	9 H		●						3000 - 10000	
	9 F					●			3000 - 10000	
	10 E			●					3000 - 6000	
	10 H		●						3000 - 6000	
	17 E			●					3000 - 10000	
	29 E			●					500 - 600	
	29 ST				●				500	
	30 E			●					500 - 700	
	94 E			●					600	
	94 ST				●				600	
	93 ST				●				600	
	75 GSTM				all-steel			600	●	
	575 F					●			600	
	575 FM					●			600	●
	75 STK				●				600	
	75 ST				●				600	
	75 STKM				●				600	●
	75 STM				●				600	●
	71 GSTM				all-steel				●	
	677 H	●	●						300	
	77 ST				●				300 - 400	
	77 E								330	



## **i** ROTBAND-PLUS HAMMER

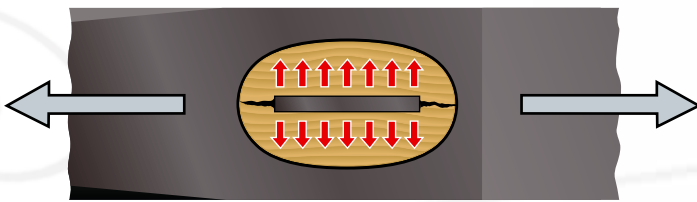


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- ▣ The hammer shaft is pressed into the hammer head.
- ▣ The ring wedge is pressed in to secure the shaft in the eye of the hammer head.
- ▣ The round, conical form ensures an all-round, uniform pressure.
- ▣ Tightening the wood screw ensures a positive fit of the safety plate with the shaft.

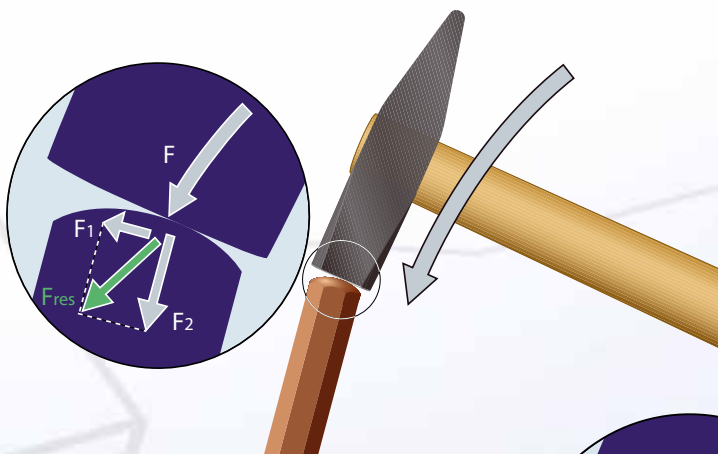
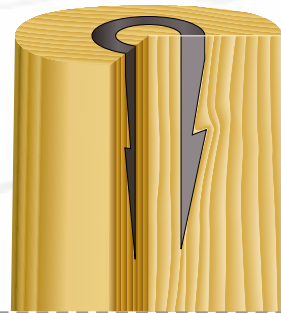
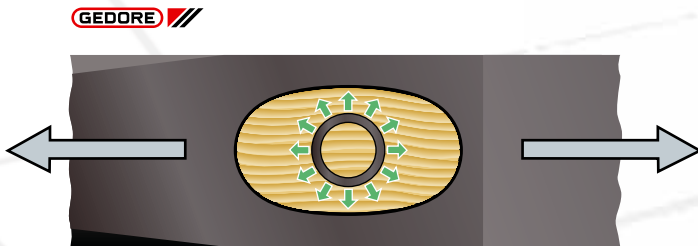


With the standardised ROTBAND-PLUS handles every standardised hammer head can be turned into a ROTBAND-PLUS hammer.



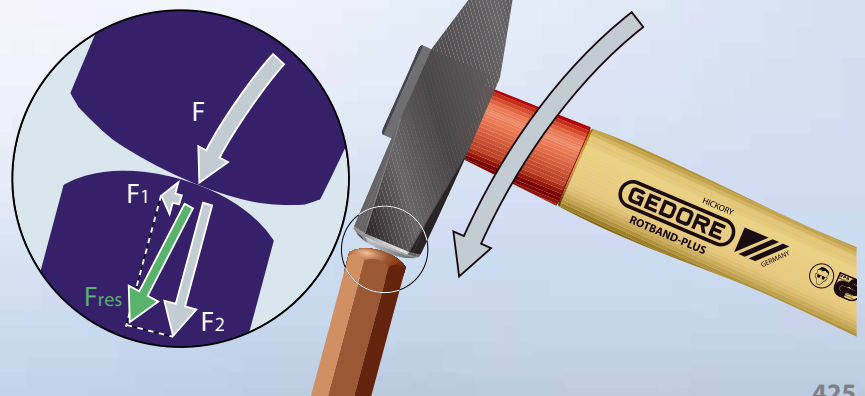
## WEDGES

- ▣ No clamping force in the direction of motion thanks to the flat wedge.
- ▣ The tapered collar evenly distributes the clamping force across 360° i.e. also in the direction of motion. The wood fibre structure is not ruined. There is no slackening of the hammer head even after several hundred strikes.
- ▣ The barbed hook ensures a positive fit and stops the tapered collar from loosening. A safety "extra".



## GEDORE HAMMERS AND GEDORE CHISELS – AN ALLIANCE FOR SAFE WORKING

- ▣ Considerable forces are liberated on hammer face and chisel head impacting on each other.
- ▣ GEDORE hammers and chisels are optimally adapted to each other. Their regulation-compliant geometrical shape diverts the bulk of the forces raised towards the chisel tip.
- ▣ In the case of hammers and chisels which are not ground in a regulation-compliant manner, most of the force raised is not transferred to the chisel tip and can, as a result, give rise to serious injuries.







# ROT BAND-PLUS HAMMERS

A SAFE JOIN



The hammer head corresponds to the relevant DIN standard. Following the forging process, it is carefully hardened and tempered. This is a guarantee of an extra-long service life.



The join between the hammer head and the handle is one of the most important features of the ROT BAND-PLUS. A wood screw, a tapered collar and a fixing plate ensure a permanent and safe joint.

The protective steel sleeve is hardened and thus resistant to impact. It protects the handle from damage when the hammer misses its target, and gives the hammer head additional security.

The handle is hand-friendly wood, and bend-resistant. This has been proven by tests carried out at the Institute for Testing and Checking (VPA) in Remscheid, Germany.

## SAFETY PRINCIPLE



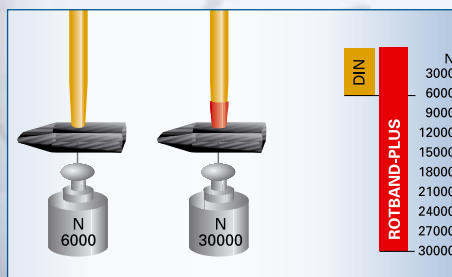
Unprotected hammer handle – After 30 impacts: Noticeable damage to the handle - risk of breakage!



Wooden handle with ROT BAND-PLUS Safety Feature – After 1,000 impacts: Slight traces in the paint, no deformation, absolutely firm seating.



## FEATURES



The values required by the German standards institute (DIN) are exceeded considerably. According to the report by the Institute for Testing and Checking (VPA) in Remscheid, with the ROT BAND-PLUS hammers more than five times the required force was attained.



Due to the hardened ROT BAND-PLUS protective sleeve for the handle and the fixing plate, the bending strength of the ROT BAND-PLUS hammers exceeds that of standard DIN hammers by a wide margin.



## **i** ROTBAND-PLUS HAMMER

- ▶ The hammer shaft is pressed into the hammer head.
- ▶ The ring wedge is pressed in to secure the shaft in the eye of the hammer head.
- ▶ The round, conical form ensures an all-round, uniform pressure.
- ▶ Tightening the wood screw ensures a positive fit of the safety plate with the shaft.



- ▶ With the standardised ROTBAND-PLUS handles every standardised hammer head can be turned into a ROTBAND-PLUS hammer.



## ALL ADVANTAGES AT A GLANCE ++

- ▶ Patented handle join
- ▶ High safety
- ▶ Long service life
- ▶ Best price-performance ratio
- ▶ The sleeve, the tapered collar, the fixing plate and the wood screw bond the hammer head and the handle into one unit.



## ROTBAND-PLUS - OVERVIEW OF RANGE OF HAMMERS





## ENGINEERS' HAMMERS ROTBAND-PLUS

### 600 E + 600 H

#### ENGINEERS' HAMMER ROTBAND-PLUS

- Forged hammer head DIN 1041
- With contoured ash or hickory handle DIN 5111, additionally shaped with a long hardened handle protective steel sleeve
- The tapered collar, fixing plate and wood screw bond the hammer head and the handle into one unit
- Patented handle joint, high working safety, long service life, best price-performance ratio
- DBGM G 9414 1878 (German utility patent), European-Patent-No. 0703045



Code	No.	l (mm)	W (mm)	H (mm)	W (mm)
8581610	<b>600 E-100</b>	260	100	188	6
8581880	<b>600 E-200</b>	280	200	325	6
8581960	<b>600 E-300</b>	300	300	502	6
8582180	<b>600 E-400</b>	310	400	605	6
8582260	<b>600 E-500</b>	320	500	727	6
8582340	<b>600 E-600</b>	330	600	841	6
8582420	<b>600 E-800</b>	350	800	1135	6
8582500	<b>600 E-1000</b>	360	1000	1326	6
8582690	<b>600 E-1500</b>	380	1500	1908	6
8582770	<b>600 E-2000</b>	400	2000	2491	6
8582850	<b>600 H-100</b>	260	100	188	6
8582930	<b>600 H-200</b>	280	200	325	6
8583070	<b>600 H-300</b>	300	300	502	6
8583150	<b>600 H-400</b>	310	400	605	6
8583230	<b>600 H-500</b>	320	500	727	6
8583310	<b>600 H-600</b>	330	600	840	6
8583580	<b>600 H-800</b>	350	800	1135	6
8583660	<b>600 H-1000</b>	360	1000	1326	6
8583740	<b>600 H-1500</b>	380	1500	1908	6
8583820	<b>600 H-2000</b>	400	2000	2491	6



### 600 IH

#### ENGINEERS' HAMMER ROTBAND-PLUS

- Forged hammer head DIN 1041
- The edges of the flat side of the head are induction hardened
- With contoured ash or hickory handle DIN 5111, additionally shaped with a long hardened handle protective steel sleeve
- The tapered collar, fixing plate and wood screw bond the hammer head and the handle into one unit
- Patented handle joint, high working safety, long service life, best price-performance ratio



Code	No.	l (mm)	W (mm)	H (mm)	W (mm)
8583900	<b>600 IH-200</b>	280	200	325	6
8584040	<b>600 IH-300</b>	300	300	502	6
8584120	<b>600 IH-400</b>	310	400	605	6
8584200	<b>600 IH-500</b>	320	500	727	6
8584390	<b>600 IH-600</b>	330	600	841	6
8587300	<b>600 IH-800</b>	350	800	1135	6
8587490	<b>600 IH-1000</b>	360	1000	1326	6
8587570	<b>600 IH-1500</b>	380	1500	1908	6
8588970	<b>600 IH-2000</b>	400	2000	2491	6

### 640 E + 640 H

#### DISPLAY RACK FOR HAMMERS 40 pieces

- For engineer's hammers in ROTBAND-PLUS execution
- 640 E with ash handle
- 640 H with hickory handle
- May be hung on a perforated panel
- Dimensions: L 600 x H 400 mm



Code	No.	Contents	W (mm)	H (mm)
8887880	<b>640 E</b>	11x 200g 9x 300g 8x 500g 6x 800g 6x 1000g	32.0	1
8887960	<b>640 H</b>	11x 200g 9x 300g 8x 500g 6x 800g 6x 1000g	32.0	1

### E 600 E + E 600 H

#### SPARE HANDLE ROTBAND-PLUS

- Ash (E 600 E) or hickory (E 600 H) DIN
- With hardened handle protective steel sleeve, tapered collar, fixing plate and wood screw
- With this standard wooden handle, according to DIN 5111 it is possible to convert even ordinary hammer heads, as long as they are to DIN standards, to a ROTBAND-PLUS-hammer
- Method: Hammer the handle into the hammer head until it reaches the casing. Drive the tapered collar into the centre of the handle. Fasten the safety plate with a wood screw



Code	No.	l (mm)	W (mm)	H (mm)
8589000	<b>E 600 E-100</b>	260	76	10
8589190	<b>E 600 E-200</b>	280	99	10
8589270	<b>E 600 E-300</b>	300	150	10
8589350	<b>E 600 E-400</b>	310	179	10
8589430	<b>E 600 E-500</b>	320	185	10
8589510	<b>E 600 E-600</b>	330	214	10
8589780	<b>E 600 E-800</b>	350	210	10
8589860	<b>E 600 E-1000</b>	360	288	10
8589940	<b>E 600 E-1500</b>	380	350	10
8593700	<b>E 600 E-2000</b>	400	377	10
8593890	<b>E 600 H-100</b>	260	81	10
8595080	<b>E 600 H-200</b>	280	120	10
8595160	<b>E 600 H-300</b>	300	134	10
8595240	<b>E 600 H-400</b>	310	180	10
8596480	<b>E 600 H-500</b>	320	198	10
8596560	<b>E 600 H-600</b>	330	234	10
8596640	<b>E 600 H-800</b>	350	296	10
8597880	<b>E 600 H-1000</b>	360	315	10
8597960	<b>E 600 H-1500</b>	380	373	10
8599070	<b>E 600 H-2000</b>	400	442	10





### Helving - made easy

- ▶ Hammer the handle into the hammer head until it reaches the casing
- ▶ Drive the tapered collar into the centre of the handle
- ▶ Fasten the safety plate with a wood screw



### E 5

#### SPARE TAPERED COLLAR

- ▶ For safe fastening of the wooden handles



Code	No.	Ø	(mm)	↕	📦
8593970	<b>E 5-100</b>	7	12.0	1	10
8594000	<b>E 5-200</b>	8	15.0	3	10
8594190	<b>E 5-300</b>	10	17.0	4	10
8594270	<b>E 5-400</b>	11	18.0	5	10
8594350	<b>E 5-500</b>	12	20.0	7	10
8594860	<b>E 5-600</b>	13	20.0	8	10
8594430	<b>E 5-800</b>	14	21.0	9	10
8594940	<b>E 5-1000</b>	14	21.0	10	10
8594510	<b>E 5-1500</b>	15	23.5	13	10
8594780	<b>E 5-2000</b>	16	23.0	14	10

### E 630 E + E 630 H

#### DISPLAY RACK FOR HAMMER HANDLES 36 pieces

- ▶ ROTBAND-PLUS execution
- ▶ E 630 E with ash handles
- ▶ E 630 H with hickory handles
- ▶ For free standing or hanging on a merchandiser
- ▶ Dimensions: 320 x 430 x 210 mm



Code	No.	Contents	↕	📦
8678530	<b>E 630 E</b>	6 handles each 200 g 300 g 400 g 500 g 800 g 1000 g	9.0	1
8679180	<b>E 630 H</b>	6 handles each 200 g 300 g 400 g 500 g 800 g 1000 g	9.0	1



### 6NA



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## ENGINEERS' HAMMERS

### 4 E + 4 H

#### ENGINEERS' HAMMER

- ▶ Forged hammer head DIN 1041
- ▶ With ash (4 E) or hickory handle (4 H) to DIN 5111



Code	No.	(mm)	↕	↔	📦
8586090	<b>4 E-50</b>	250	50	89	6
8586170	<b>4 E-100</b>	260	100	158	6
8586250	<b>4 E-200</b>	280	200	275	6
8586330	<b>4 E-300</b>	300	300	440	6
8586410	<b>4 E-400</b>	310	400	530	6
8586680	<b>4 E-500</b>	320	500	625	6
8586760	<b>4 E-600</b>	330	600	750	6
8586840	<b>4 E-800</b>	350	800	930	6
8586920	<b>4 E-1000</b>	360	1000	1180	6
8587060	<b>4 E-1500</b>	380	1500	1760	6
8587140	<b>4 E-2000</b>	400	2000	2320	6
8590010	<b>4 H-50</b>	250	50	103	6
8590280	<b>4 H-100</b>	260	100	168	6
8590360	<b>4 H-200</b>	280	200	300	6
8590440	<b>4 H-300</b>	300	300	460	6
8590520	<b>4 H-400</b>	310	400	550	6
8590600	<b>4 H-500</b>	320	500	650	6
8590790	<b>4 H-600</b>	330	600	760	6
8590870	<b>4 H-800</b>	350	800	1030	6
8590950	<b>4 H-1000</b>	360	1000	1210	6
8591090	<b>4 H-1500</b>	380	1500	1859	6
8591170	<b>4 H-2000</b>	400	2000	2370	6



### 4 IH

#### ENGINEERS' HAMMER

- ▶ Forged hammer head DIN 1041
- ▶ Carefully hardened and tempered, coated with black epoxy powder
- ▶ With hickory handle DIN 5111



Code	No.	(mm)	↕	↔	📦
8752600	<b>4 IH-200</b>	280	200	300	6
8752790	<b>4 IH-300</b>	300	300	450	6
8752870	<b>4 IH-400</b>	310	400	550	6
8752950	<b>4 IH-500</b>	320	500	650	6
8753090	<b>4 IH-600</b>	330	600	760	6
8753170	<b>4 IH-800</b>	350	800	1100	6
8753250	<b>4 IH-1000</b>	360	1000	1210	6
8753330	<b>4 IH-1500</b>	380	1500	1860	6
8753410	<b>4 IH-2000</b>	400	2000	2370	6



**Handle types**

For more information on handle types see page 423.



**E 4 E + E 4 H**

**SPARE HANDLE**

- ▲ Ash (E 4 E) or hickory handle (E 4 H), acc. to DIN 5111
- ▲ With oval fixing hole, i.e. for engineers' hammers



Code	No.	l mm	mm	mm
8587650	<b>E 4 E-50</b>	250	33	10
8587730	<b>E 4 E-100</b>	260	45	10
8587810	<b>E 4 E-200</b>	280	85	10
8588030	<b>E 4 E-300</b>	300	99	10
8588110	<b>E 4 E-400</b>	310	100	10
8588380	<b>E 4 E-500</b>	320	160	10
8588460	<b>E 4 E-600</b>	330	140	10
8588540	<b>E 4 E-800</b>	350	165	10
8588620	<b>E 4 E-1000</b>	360	183	10
8588700	<b>E 4 E-1500</b>	380	196	10
8588890	<b>E 4 E-2000</b>	400	261	10
8591250	<b>E 4 H-50</b>	250	33	10
8591330	<b>E 4 H-100</b>	260	58	10
8591410	<b>E 4 H-200</b>	280	85	10
8591680	<b>E 4 H-300</b>	300	85	10
8591760	<b>E 4 H-400</b>	310	120	10
8591840	<b>E 4 H-500</b>	320	140	10
8591920	<b>E 4 H-600</b>	330	150	10
8592060	<b>E 4 H-800</b>	350	210	10
8592140	<b>E 4 H-1000</b>	360	225	10
8592220	<b>E 4 H-1500</b>	380	190	10
8592300	<b>E 4 H-2000</b>	400	280	10

**4 K**

**ENGINEERS' HAMMER**

- ▲ Forged hammer head DIN 1041
- ▲ With Ultramid® plastic handle and safety wedge
- ▲ Ultramid® = trade name of BASF AG, Germany



Code	No.	l mm	mm	mm	mm
8812950	<b>4 K-200</b>	280	200	280	6
8604170	<b>4 K-300</b>	300	300	430	6
8604330	<b>4 K-500</b>	320	500	630	6
8604680	<b>4 K-800</b>	350	800	1020	6
8604760	<b>4 K-1000</b>	360	1000	1160	6

**E 4 K**

**SPARE HANDLE**

- ▲ Made from Ultramid® plastics
- ▲ Suitable for all hammer heads acc. to DIN 1041
- ▲ Delivery complete with tapered collar and fixing clip
- ▲ Ultramid® = trade name of BASF AG, Germany



Code	No.	l mm	mm	mm
8897170	<b>E 4 K-200</b>	280	70	10
8897250	<b>E 4 K-300</b>	300	90	10
8897330	<b>E 4 K-500</b>	320	120	10
8897410	<b>E 4 K-800</b>	350	180	10
8897680	<b>E 4 K-1000</b>	360	192	10

**500 F**

**ENGINEERS' HAMMER**

- ▲ Forged hammer head
- ▲ Nearly unbreakable fibreglass handle with plastic grip
- ▲ Additionally hardened handle protective steel sleeve, with secured head
- ▲ Induction tempered edges of the flat side of the head available on request



Code	No.	l mm	mm	mm	mm
8598180	<b>500 F-200</b>	280	200	360	6
8598260	<b>500 F-300</b>	300	300	570	6
8598340	<b>500 F-400</b>	310	400	660	6
8598420	<b>500 F-500</b>	320	500	770	6
8598500	<b>500 F-600</b>	330	600	900	6
8598690	<b>500 F-800</b>	350	800	1174	6
8598770	<b>500 F-1000</b>	360	1000	1398	6
8598850	<b>500 F-1500</b>	380	1500	1838	6
8598930	<b>500 F-2000</b>	400	2000	2352	6

**500 ST**

**ENGINEERS' HAMMER**

- ▲ Forged hammer head
- ▲ Steel tube handle with plastic grip
- ▲ Very robust and durable



Code	No.	l mm	mm	mm	mm
8606620	<b>500 ST-300</b>	270	300	575	6
8606890	<b>500 ST-500</b>	300	500	780	6

[www.gedore.com](http://www.gedore.com)



### 6 NA

#### SOFT FACE CAP for engineers' hammers

- Polyethylene



Code	No.	for g	mm	mm	mm
8605570	<b>6 NA-300</b>	300	25	1	
8605650	<b>6 NA-500</b>	500	50	1	
8605730	<b>6 NA-800</b>	800	60	1	
8802990	<b>6 NA-1000</b>	1000	53	1	

### 525 H

#### HAMMER KOMBI-PLUS

- Combination of engineers' and plastic hammer
- ROTBAND execution with hardened handle protective steel sleeve
- With hickory handle
- Suitable for nearly all jobs of an engineers' hammer
- The plastic side may be used for all straightening and beating works and hardened work pieces
- Spare head E 225-27



Code	No.	mm	mm	mm	mm	mm
1441310	<b>525 H-500</b>	27	320	500	680	6

## JOINERS' HAMMERS



### 601 H

#### JOINERS' HAMMER ROTBAND-PLUS French pattern

- Forged hammer head
- The tapered collar, fixing plate and wood screw bond the hammer head and handle into one unit
- With contoured hickory handle DIN 5111
- Additionally hardened steel sleeve
- Patented handle joint, high working safety, long service life, best price-performance ratio



Code	No.	mm	mm	mm	Spare handle	mm
8748840	<b>601 H-22</b>	300	22	410	E 600 H-300	6
8749060	<b>601 H-25</b>	310	25	530	E 600 H-400	6
8749140	<b>601 H-28</b>	320	28	649	E 600 H-500	6

### 8601

#### ENGINEER'S BALL PEIN HAMMER

- Hardened and tempered steel to EN 10083
- Enamelled, face and ball ground
- Ash shaft (E-8601 E)



Code	No.	mm	lbs	mm	mm
6764030	<b>8601 1/4 LBS</b>	270	1/4	172	1
6764110	<b>8601 1/2 LBS</b>	290	1/2	307	1
6764380	<b>8601 3/4 LBS</b>	310	3/4	475	1
6764460	<b>8601 1 LBS</b>	325	1	565	1
6764540	<b>8601 1.1/4 LBS</b>	350	1.1/4	772	1
6764620	<b>8601 1.1/2 LBS</b>	365	1.1/2	800	1
6764700	<b>8601 2 LBS</b>	380	2	1073	1
1388371	<b>E-8601 E 1/4 LBS</b>	270		111	1
1797689	<b>E-8601 E 1/2 LBS</b>	290		111	1
1797700	<b>E-8601 E 3/4 LBS</b>	310		111	1
1797719	<b>E-8601 E 1 LBS</b>	325		111	1
1797727	<b>E-8601 E 1.1/4 LBS</b>	350		111	1
1797735	<b>E-8601 E 1.1/2 LBS</b>	365		111	1
1797743	<b>E-8601 E 2 LBS</b>	380		111	1

### 65 E

#### JOINERS' HAMMER French pattern

- With contoured ash handle DIN 5111



Code	No.	mm	mm	mm	Spare handle	mm
8684260	<b>65 E-18</b>	260	18	220	E 4 E-100	6
8684340	<b>65 E-20</b>	300	20	240	E 4 E-300	6
8684420	<b>65 E-22</b>	300	22	350	E 4 E-300	6
8684500	<b>65 E-25</b>	310	25	450	E 4 E-400	6
8684690	<b>65 E-28</b>	320	28	590	E 4 E-500	6
8684770	<b>65 E-30</b>	330	30	650	E 4 E-600	6








**CLUB HAMMERS**

**620 E + 620 H**

**CLUB HAMMER ROTBAND-PLUS**

- ▶ Forged head DIN 6475
- ▶ Contoured ash (620 E) or hickory handle (620 H) DIN 5135, supplementary with long hardened handle protective steel sleeve
- ▶ The sleeve, tapered collar, fixing plate and wood screw bond the hammer head and wood handle into one unit
- ▶ Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	↳mm↳			
8886990	<b>620 E-1000</b>	260	1000	1288	6
8887020	<b>620 E-1250</b>	260	1250	1483	6
8887100	<b>620 E-1500</b>	280	1500	1820	6
8887290	<b>620 E-2000</b>	300	2000	2291	6
8887370	<b>620 H-1000</b>	260	1000	1317	6
8887450	<b>620 H-1250</b>	260	1250	1493	6
8887530	<b>620 H-1500</b>	280	1500	1820	6
8887610	<b>620 H-2000</b>	300	2000	2240	6





**E 620 E + E 620 H**

**SPARE HANDLE ROTBAND-PLUS**

- ▶ Contoured ash (E 620 E) or hickory handle (E 620 H) DIN 5135
- ▶ With hardened handle protective steel sleeve, fixing plate, tapered collar and wood screw
- ▶ For all club hammers according to DIN 6475
- ▶ With this handle acc. to DIN, every standard DIN club hammer head can be converted to a ROTBAND-PLUS club hammer






Code	No.	↳mm↳		
8678100	<b>E 620 E-1000</b>	260	240	1
8749650	<b>E 620 E-1250</b>	260	230	1
8676670	<b>E 620 E-1500</b>	280	280	1
8676750	<b>E 620 E-2000</b>	300	310	1
8677210	<b>E 620 H-1000</b>	260	270	1
8749730	<b>E 620 H-1250</b>	260	260	1
8677480	<b>E 620 H-1500</b>	280	280	1
8677560	<b>E 620 H-2000</b>	300	350	1

**20 E + 20 H**

**CLUB HAMMER**

- ▶ Forged head DIN 6475
- ▶ With ash (20 E) or hickory handle (20 H) DIN 5135





Code	No.	↳mm↳			
8632460	<b>20 E-1000</b>	260	1000	1196	6
8632540	<b>20 E-1250</b>	260	1250	1388	6
8632620	<b>20 E-1500</b>	280	1500	1704	6
8632700	<b>20 E-2000</b>	300	2000	2176	6
8632890	<b>20 E-3</b>	600	3000	3480	1
8632970	<b>20 E-4</b>	700	4000	4280	1
8633000	<b>20 E-5</b>	800	5000	5750	1
8633190	<b>20 E-6</b>	800	6000	6505	1
8633270	<b>20 E-8</b>	900	8000	9100	1
8633350	<b>20 E-10</b>	900	10000	10880	1
8635210	<b>20 H-1000</b>	260	1000	1220	6
8635480	<b>20 H-1250</b>	260	1250	1406	6
8635560	<b>20 H-1500</b>	280	1500	1740	6
8635640	<b>20 H-2000</b>	300	2000	2275	6
8635720	<b>20 H-3</b>	600	3000	3510	1
8635800	<b>20 H-4</b>	700	4000	4430	1
8635990	<b>20 H-5</b>	800	5000	5890	1
8636020	<b>20 H-6</b>	800	6000	6560	1
8636100	<b>20 H-8</b>	900	8000	9100	1
8636290	<b>20 H-10</b>	900	10000	11040	1

**E 20 E + E 20 H**

**SPARE HANDLE**

- ▶ Ash (E 20 E, E 9 E) or hickory (E 20 H, E 9 H)
- ▶ E 20 acc. to DIN 5135
- ▶ E 9 acc. to DIN 5112

Code	No.	for hammer	↳mm↳		
8633940	<b>E 20 E-1000</b>	20-1000, 20-1250, 46-1000, 46-1250	260	151	10
8634160	<b>E 20 E-1500</b>	20-1500, 46-1500	280	131	10
8634240	<b>E 20 E-2000</b>	20-2000, 46-2000	300	178	10
8636880	<b>E 20 H-1000</b>	20-1000, 20-1250	260	163	10
8637180	<b>E 20 H-1500</b>	20-1500	280	136	10
8637260	<b>E 20 H-2000</b>	20-2000	300	210	10
8613080	<b>E 9 E-3</b>	9-3, 10-3, 17-3, 20-3	600	400	1
8613160	<b>E 9 E-4</b>	9-4, 10-4, 17-4, 20-4	700	580	1
8613240	<b>E 9 E-5</b>	9-5, 9-6, 10-5, 10-6, 17-5, 17-6, 20-5, 20-6	800	730	1
8613400	<b>E 9 E-8</b>	9-8, 9-10, 17-8, 17-10, 20-8, 20-10	900	1100	1
8616500	<b>E 9 H-3</b>	9-3, 10-3, 17-3, 20-3	600	400	1
8616690	<b>E 9 H-4</b>	9-4, 10-4, 17-4, 20-4	700	630	1
8616770	<b>E 9 H-5</b>	9-5, 9-6, 10-5, 10-6, 17-5, 17-6, 20-5, 20-6	800	810	1
8616930	<b>E 9 H-8</b>	9-8, 9-10, 17-8, 17-10, 20-8, 20-10	900	960	1

**20 F****CLUB HAMMER**

- ▶ Forged head DIN 6475
- ▶ Nearly unbreakable fibreglass handle with plastic grip and secured head



Code	No.	↳mm↳	↳mm↳	↳mm↳	↳mm↳
8815620	<b>20 F-1000</b>	260	1000	1270	6
8815700	<b>20 F-1250</b>	260	1250	1480	6
8815890	<b>20 F-1500</b>	280	1500	1775	6
8815970	<b>20 F-2000</b>	300	2000	2280	6
8816000	<b>20 F-3</b>	600	3000	3720	1
8866530	<b>20 F-4</b>	700	4000	4750	1
8866610	<b>20 F-5</b>	800	5000	6430	1
8866880	<b>20 F-6</b>	800	6000	7098	1
8866960	<b>20 F-8</b>	900	8000	9100	1
8867180	<b>20 F-10</b>	900	10000	11420	1

**20 ST****CLUB HAMMER**

- ▶ Forged head
- ▶ With steel tube handle and plastic grip
- ▶ Very robust and durable



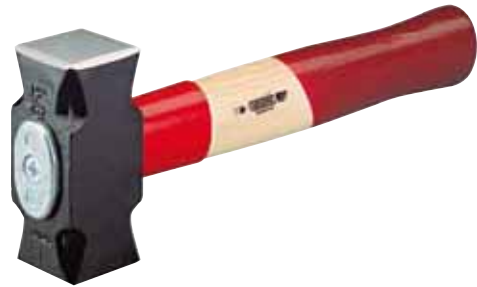
Code	No.	↳mm↳	↳mm↳	↳mm↳	↳mm↳
8640800	<b>20 ST-1000</b>	260	1000	1400	6
8640990	<b>20 ST-1250</b>	260	1250	1570	6

**21****SOFT FACE CAP for club hammers**

Code	No.	for club hammer g	↳mm↳	↳mm↳
8641960	<b>21-1000</b>	1000	330	1
8642180	<b>21-1250</b>	1250	375	1
8642260	<b>21-1500</b>	1500	310	1
8642340	<b>21-2000</b>	2000	290	1

**646 H****DOUBLE FACED CLUB HAMMER ROTBAND-PLUS Dutch pattern**

- ▶ Forged hammer head
- ▶ Hickory handle DIN 5135, additionally with long hardened handle protective steel sleeve
- ▶ The sleeve, tapered collar, fixing plate and wood screw bond the hammer head and wood handle into one unit
- ▶ Spare handles see club hammer no. 620 H
- ▶ Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	↳mm↳	↳mm↳	↳mm↳	↳mm↳
8683020	<b>646 H-1000</b>	260	1000	1312	6
8682720	<b>646 H-1250</b>	260	1250	1481	6
8682800	<b>646 H-1500</b>	280	1500	1833	6
8682990	<b>646 H-2000</b>	300	2000	2156	6

**46 E****DOUBLE FACED CLUB HAMMER Dutch pattern**

- ▶ Forged hammer head
- ▶ With ash handle
- ▶ Spare handles see club hammer No. 20 E



Code	No.	↳mm↳	↳mm↳	↳mm↳	↳mm↳
8667090	<b>46 E-1000</b>	260	1000	1197	6
8667170	<b>46 E-1250</b>	260	1250	1370	6
8667250	<b>46 E-1500</b>	280	1500	1680	6
8667330	<b>46 E-2000</b>	300	2000	2240	6

**923 • 924****487****906 • WT 1056 10****587  
485**



**SLEDGE HAMMERS**

**609 H**

**SLEDGE HAMMER ROTBAND-PLUS**

- ▶ Forged hammer head DIN 1042
- ▶ Spare handles complete with steel sleeve, tapered collar, fixing plate and wood screw
- ▶ Hickory handle DIN 5112, with additional long and hardened steel sleeve
- ▶ Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	↳mm↳	↕	↔	📦
8673220	<b>609 H-3</b>	600	3000	3755	1
8673300	<b>609 H-3-90</b>	900	3000	3880	1
8673490	<b>609 H-4</b>	700	4000	4940	1
8673570	<b>609 H-4-90</b>	900	4000	5270	1
8673650	<b>609 H-5</b>	800	5000	6035	1
8673730	<b>609 H-5-90</b>	900	5000	6220	1
8673810	<b>609 H-6</b>	800	6000	7045	1
8674030	<b>609 H-6-90</b>	900	6000	7200	1
8674110	<b>609 H-8</b>	900	8000	9185	1
8674380	<b>609 H-10</b>	900	10000	11150	1

**9 E + 9 H**

**SLEDGE HAMMER**

- ▶ Forged hammer head DIN 1042
- ▶ With ash (9 E) or hickory handle (9 H) DIN 5112



Code	No.	↳mm↳	↕	↔	📦
8612000	<b>9 E-3</b>	600	3000	3330	1
8809220	<b>9 E-3-90</b>	900	3000	3450	1
8612190	<b>9 E-4</b>	700	4000	4365	1
8809490	<b>9 E-4-90</b>	900	4000	4410	1
8612270	<b>9 E-5</b>	800	5000	5535	1
8809650	<b>9 E-5-90</b>	900	5000	5495	1
8612350	<b>9 E-6</b>	800	6000	6590	1
8809810	<b>9 E-6-90</b>	900	6000	6570	1
8612430	<b>9 E-8</b>	900	8000	8650	1
8612510	<b>9 E-10</b>	900	10000	10560	1
8615370	<b>9 H-3</b>	600	3000	3515	1
8812360	<b>9 H-3-90</b>	900	3000	3705	1
8615450	<b>9 H-4</b>	700	4000	4710	1
8812440	<b>9 H-4-90</b>	900	4000	5040	1
8615530	<b>9 H-5</b>	800	5000	5760	1
8812520	<b>9 H-5-90</b>	900	5000	5800	1
8615610	<b>9 H-6</b>	800	6000	6680	1
8812600	<b>9 H-6-90</b>	900	6000	6795	1
8615880	<b>9 H-8</b>	900	8000	8815	1
8615960	<b>9 H-10</b>	900	10000	10895	1



**920 · 921 · 922**



**487**

**E 609 H**

**SPARE HANDLE ROTBAND-PLUS**

- ▶ Hickory handle DIN 5112
- ▶ Steel sleeve, fixing plate, tapered collar and wood screw
- ▶ For all hammer heads according to DIN 1042
- ▶ With this handle, every standard DIN hammer head can be converted to a ROTBAND-PLUS-sledge hammer



Code	No.	↳mm↳	↕	📦
8681750	<b>E 609 H-3</b>	600	770	1
8740510	<b>E 609 H-3-90</b>	900	990	1
8681910	<b>E 609 H-4</b>	700	840	1
8740780	<b>E 609 H-4-90</b>	900	840	1
8683530	<b>E 609 H-5</b>	800	1120	1
8740860	<b>E 609 H-5-90</b>	900	1082	1
8740350	<b>E 609 H-6</b>	800	900	1
8747950	<b>E 609 H-6-90</b>	900	1100	1
8683610	<b>E 609 H-8</b>	900	1390	1
8740430	<b>E 609 H-10</b>	900	1390	1

**E 9 E + E 9 H**

**SPARE HANDLE**

- ▶ Ash (E 9 E) or hickory (E 9 H)
- ▶ Acc. to DIN 5112
- ▶ Execution -90 = 90 cm handle

Code	No.	for hammer	↳mm↳	↕	📦
8613080	<b>E 9 E-3</b>	9-3, 10-3, 17-3, 20-3	600	400	1
8784210	<b>E 9 E-3-90</b>	9-3, 9-4	900	660	1
8613160	<b>E 9 E-4</b>	9-4, 10-4, 17-4, 20-4	700	580	1
8613240	<b>E 9 E-5</b>	9-5, 9-6, 10-5, 10-6, 17-5, 17-6, 20-5, 20-6	800	730	1
8784480	<b>E 9 E-5-90</b>	9-5, 9-6	900	840	1
8613400	<b>E 9 E-8</b>	9-8, 9-10, 17-8, 17-10, 20-8, 20-10	900	1100	1
8616500	<b>E 9 H-3</b>	9-3, 10-3, 17-3, 20-3	600	400	1
8786180	<b>E 9 H-3-90</b>	9-3, 9-4	900	790	1
8616690	<b>E 9 H-4</b>	9-4, 10-4, 17-4, 20-4	700	630	1
8616770	<b>E 9 H-5</b>	9-5, 9-6, 10-5, 10-6, 17-5, 17-6, 20-5, 20-6	800	810	1
8786260	<b>E 9 H-5-90</b>	9-5, 9-6	900	700	1
8616930	<b>E 9 H-8</b>	9-8, 9-10, 17-8, 17-10, 20-8, 20-10	900	960	1







### 9 F

#### SLEDGE HAMMER

- ▶ Forged hammer head DIN 1042
- ▶ With fibreglass handle, with secured head



Code	No.	l mm	kg	kg	kg
8614130	<b>9 F-3</b>	600	3000	3665	1
8820380	<b>9 F-3-90</b>	900	3000	3955	1
8614210	<b>9 F-4</b>	700	4000	4930	1
8820890	<b>9 F-4-90</b>	900	4000	5050	1
8614480	<b>9 F-5</b>	800	5000	6370	1
8820970	<b>9 F-5-90</b>	900	5000	6420	1
8614560	<b>9 F-6</b>	800	6000	7165	1
8821000	<b>9 F-6-90</b>	900	6000	7230	1
8614640	<b>9 F-8</b>	900	8000	9280	1
8614720	<b>9 F-10</b>	900	10000	11260	1

### 10 E + 10 H

#### SLEDGE HAMMER

- ▶ Forged hammer head DIN 1042
- ▶ With ash (10 E) or hickory handle (10 H) DIN 5112



Code	No.	l mm	Spare handle	kg	kg	kg
8620530	<b>10 E-3</b>	600	E 9 E-3	3000	3375	1
8620610	<b>10 E-4</b>	700	E 9 E-4	4000	4540	1
8620880	<b>10 E-5</b>	800	E 9 E-5	5000	5925	1
8620960	<b>10 E-6</b>	800	E 9 E-5	6000	6925	1
8621500	<b>10 H-3</b>	600	E 9 H-3	3000	3475	1
8621690	<b>10 H-4</b>	700	E 9 H-4	4000	4610	1
8621770	<b>10 H-5</b>	800	E 9 H-5	5000	5755	1
8621850	<b>10 H-6</b>	800	E 9 H-5	6000	6835	1

### 17 E

#### STONE SLEDGE HAMMER

- ▶ Hammer head forged with sharp cutting edge
- ▶ With ash handle DIN 5112



Code	No.	l mm	Spare handle	kg	kg	kg
8627540	<b>17 E-3</b>	600	E 9 E-3	3000	3310	1
8627620	<b>17 E-4</b>	700	E 9 E-4	4000	4670	1
8627700	<b>17 E-5</b>	800	E 9 E-5	5000	5670	1
8627890	<b>17 E-6</b>	800	E 9 E-5	6000	6530	1
8627970	<b>17 E-8</b>	900	E 9 E-8	8000	8730	1
8628000	<b>17 E-10</b>	900	E 9 E-8	10000	10870	1

## BRICKLAYER'S HAMMERS

### 29 E

#### BRICKLAYER'S HAMMER Rhineland pattern

- ▶ Head only (29) or with ash handle (29 E)
- ▶ Spare handle E 29 E



Code	No.	l mm	kg	kg	kg
8656210	<b>29-500</b>		500	480	6
8656480	<b>29-600</b>		600	590	6
8656990	<b>29 E-500</b>	300	500	580	6
8657020	<b>29 E-600</b>	300	600	710	6
8657100	<b>E 29 E-500</b>	300		200	10

### 29 ST

#### BRICKLAYER'S HAMMER Rhineland pattern

- ▶ With steel tube handle and plastic grip
- ▶ Very robust and durable



Code	No.	l mm	kg	kg	kg
8657370	<b>29 ST</b>	270	500	790	6

### 30 E

#### BRICKLAYER'S HAMMER Dutch pattern

- ▶ With ash handle
- ▶ Spare handle E 30 E



Code	No.	l mm	kg	kg	kg
8657530	<b>30 E-500</b>	300	500	610	6
8657610	<b>30 E-700</b>	350	700	970	6
8657880	<b>E 30 E-500</b>	300		140	10
8657960	<b>E 30 E-700</b>	350		140	10






**94 E**

**BRICKLAYER'S HAMMER Berlin pattern**

- ✔ With ash handle
- ✔ Spare handle E 94 E



Code	No.	l=mm=			
8696940	<b>94 E-600</b>	280	600	790	6
8697080	<b>E 94 E-600</b>	280		120	10





**CARPENTER'S HAMMERS**

**75 GSTM**

**CARPENTER'S HAMMER**

- ✔ Head and handle forged in one piece, nearly unbreakable
- ✔ Ergonomic, air-cushioned 2-component handle
- ✔ Optimum impact force - a result of its perfect balance
- ✔ Fatigue-free working due to the new anti-vibration system
- ✔ With straight-through shaft right to the end of the handle
- ✔ With magnetic nail holder






Code	No.	l=mm=		
1576143	<b>75 GSTM</b>	340	873	6

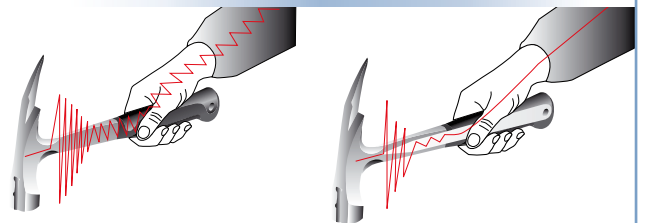
**94 ST**

**BRICKLAYER'S HAMMER Berlin pattern**

- ✔ With steel tube handle and plastic grip
- ✔ Very robust and durable



Code	No.	l=mm=			
8697240	<b>94 ST</b>	270	600	891	6






- ✔ The anti-vibration system of the 75 GSTM and 71 GSTM allows safe, powerful hammer blows
- ✔ With conventional all-steel hammers, jarring vibrations are transmitted through to the user's arm on every impact

**93 ST**

**BUILDER'S HATCHET**

- ✔ With steel tube handle and plastic grip
- ✔ Very robust and durable



Code	No.	l=mm=			
8696510	<b>93 ST</b>	300	600	909	6



**WT 1056 7**



**485**



### 575 F + 575 FM

#### CARPENTER'S HAMMER

- ▶ Nearly unbreakable fibreglass handle with plastic grip and secured head
- ▶ With hardened handle protective steel sleeve
- ▶ 575 F without magnet
- ▶ 575 FM with magnet



Code	No.	mm	mm	mm	
8863350	<b>575 F</b>	300	600	840	6
8863430	<b>575 FM</b>	300	600	810	6

### 75 ST + 75 STM

#### CARPENTER'S HAMMER

- ▶ With steel tube handle and plastic grip
- ▶ Acc. to DIN 7239
- ▶ 75 ST without magnet
- ▶ 75 STM with magnet
- ▶ Very robust and durable



Code	No.	mm	mm	mm	
8688920	<b>75 ST</b>	300	600	851	6
8689220	<b>75 STM</b>	300	600	835	6

### 75 STK + 75 STKM

#### CARPENTER'S HAMMER

- ▶ With steel tube handle, plastic grip and secured head
- ▶ Acc. to DIN 7239
- ▶ 75 STK without magnet
- ▶ 75 STKM with magnet
- ▶ Very robust and durable



Code	No.	mm	mm	mm	
8692440	<b>75 STK</b>	300	600	839	6
8813090	<b>75 STKM</b>	300	600	847	6

## CLAW HAMMERS

### 71 GSTM

#### CLAW HAMMER, AMERICAN PATTERN

- ▶ Head and handle forged in one piece, nearly unbreakable
- ▶ Ergonomic, air-cushioned 2-component handle
- ▶ Optimum impact force - a result of its perfect balance
- ▶ Fatigue-free working due to the new anti-vibration system
- ▶ With straight-through shaft right to the end of the handle
- ▶ With magnetic nail holder



Code	No.	mm	oz	mm	
1629670	<b>71 GSTM</b>	27	20	823	6

## HAMMERS MISCELLANEOUS

### 79

#### BRICK BOLSTER

- ▶ Made from special steel



Code	No.	mm	mm	
8692010	<b>79-60</b>	60	570	1
8692280	<b>79-80</b>	80	720	1
8692360	<b>79-100</b>	100	990	1

### 35 H

#### PAVING HAMMER Berlin pattern

- ▶ With hickory handle
- ▶ Spare handle E 35 H



Code	No.	mm	mm	mm	
1488295	<b>35 H-1000</b>	175	1000	1088	6
1488309	<b>35 H-1500</b>	175	1500	1690	6
1488317	<b>35 H-2000</b>	175	2000	2298	6
1476718	<b>E 35 H-1000</b>	175		94	10
1476726	<b>E 35 H-1500</b>	175		105	10
1476734	<b>E 35 H-2000</b>	175		112	10

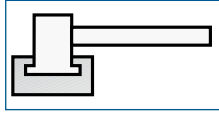
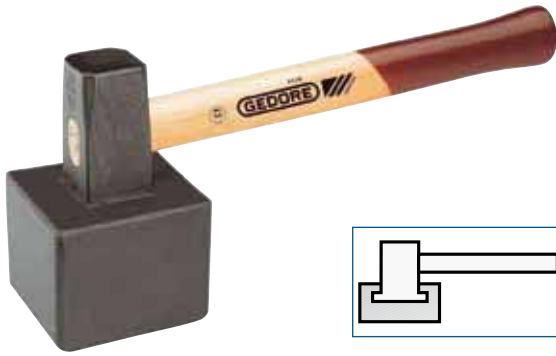




**18 E**

**PAVING HAMMER SQUARE**

- ✔ With welded plate and large vulcanised rubber block
- ✔ With ash handle
- ✔ Spare handle E 18 E



Code	No.	↳mm↳	↕	↔	📦
8883700	<b>18 E</b>	360	2525		1
8883890	<b>E 18 E</b>	360	345		1

**19 E**

**PAVING HAMMER ROUND**

- ✔ With welded plate and large vulcanised rubber block
- ✔ With ash handle
- ✔ Spare handle E 18 E



Code	No.	↳mm↳	↕	↔	📦
1628216	<b>19 E</b>	360	2130		1
8883890	<b>E 18 E</b>	360	345		1

**43 E**

**VENEER HAMMER**

- ✔ With ash handle DIN 5111
- ✔ Spare handle E 4 E



Code	No.	↳mm↳	mm	↕	↔	📦
8665630	<b>43 E-500</b>	320	90	500	590	6
8588380	<b>E 4 E-500</b>	320			160	10



**WT 1056 10**



**485**

**212 E**

**CARBIDE TILE HAMMER pointed or flat**

- ✔ Striking face not hardened
- ✔ With ash handle and handle protective sleeve
- ✔ Execution FL = flat
- ✔ Execution SP = pointed



Code	No.	↳mm↳	↕	↔	📦
8882730	<b>212 E-50 FL</b>	280	50	114	6
8749490	<b>212 E-75 FL</b>	280	75	130	6
8882810	<b>212 E-50 SP</b>	280	50	560	6
8749570	<b>212 E-75 SP</b>	280	75	140	6

**213 H - 214 H**

**TILE HAMMER pointed or flat**

- ✔ Head made from chrome-vanadium steel
- ✔ Face hardened and tempered
- ✔ With hickory handle, handle protective sleeve and safety screw for a durable safe connection of handle and hammer head
- ✔ With point (213 H) or edge (214 H)



Code	No.	↳mm↳	↕	↔	📦
8916300	<b>213 H-50</b>	290	50	113	6
8926960	<b>213 H-75</b>	290	75	139	6
8916490	<b>214 H-50</b>	290	50	114	6
8927180	<b>214 H-75</b>	290	75	170	6

**72 H**

**GLAZIERS HAMMER polished**

- ✔ With hickory handle, steel sleeve and safety screw for a durable safe connection of handle and hammer head



Code	No.	↳mm↳	↕	↔	📦
1541935	<b>72 H-100</b>	300	100	212	6
1541730	<b>E 72 H-100</b>	300		40	10



### 570 H

#### MAGNETIC HAMMER ROTBAND

- ▶ Hickory handle with hardened handle protective steel sleeve
- ▶ With magnet
- ▶ Spare handle E 500 H-100



Code	No.	[-mm-]			
8856490	<b>570 H</b>	300	100	900	6
2015684	<b>E 570 H-100</b>	260		48	10

### 76 ST

#### GEOLOGIST'S HAMMER

- ▶ With very robust and durable steel tube handle with plastic grip
- ▶ Execution SCH with cutting edge
- ▶ Execution SP with pointed tip



Code	No.	[-mm-]			
8855330	<b>76 ST SCH</b>	300	500	780	6
8855410	<b>76 ST SP</b>	300	500	770	6

### 77 E

#### SCALING HAMMER

- ▶ With ash handle DIN 5111
- ▶ Spare handle E 4 E



Code	No.	[-mm-]			
8690900	<b>77 E-300</b>	300	330	390	6
8588030	<b>E 4 E-300</b>	300		99	10

### 77 ST

#### SCALING HAMMER

- ▶ With steel tube handle



Code	No.			
8691390	<b>77 ST-400</b>	400	505	6

## SCALING HAMMERS

### 677 H

#### SCALING HAMMER ROTBAND-PLUS

- ▶ Forged hammer head
- ▶ Contoured hickory handle DIN 5111 with additional long, hardened steel sleeve
- ▶ The sleeve, tapered collar, fixing plate and wood screw bond the hammer head and wood handle into one unit
- ▶ Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	[-mm-]			
8671950	<b>677 H</b>	300	300	450	6
1822357	<b>E 677 H-300</b>	300		150	10

### 41 E

#### SCALING HAMMER

- ▶ With ash handle DIN 5111
- ▶ Spare handle E 4 E

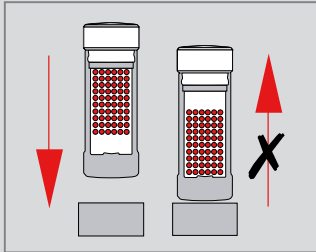


Code	No.	[-mm-]			
8665390	<b>41 E-500</b>	320	500	640	6
8588380	<b>E 4 E-500</b>	320		160	10



**RECOILLESS HAMMERS**

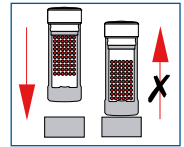
- Due to the special filling insert in the hammer head a considerable higher striking effect is reached compared to standard engineers' and recoilless hammers
- Universal use for service and assembly work, with all advantages of a recoilless hammer with higher striking effect
- "Dead blows" with no recoil reduces stress on muscles, nerves and wrists
- Reduction in expenses due to universal use as an engineer's and recoilless hammer
- Recoilless hammers improve effect of impact and so protect sensitive surfaces
- Each blow is up to 100% more effective than standard safety hammers
- Available with hickory, tubular steel or fibreglass handles
- Exchangeable inserts, resistant to breakage or wear, made of modified polyamide



**248 F**

**RECOILLESS HAMMER**

- Nearly unbreakable fibreglass handle with handy plastic grip and secured head
- Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D
- Powder-coated with silver hammer-effect enamel

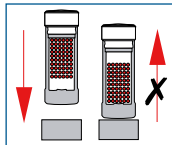


Code	No.	↳mm↳	Ø mm	↕	📦
8724310	<b>248 F-25</b>	290	25	400	6
8867690	<b>248 F-30</b>	305	30	550	6
8867770	<b>248 F-35</b>	310	35	730	6
8867850	<b>248 F-40</b>	315	40	780	6
8867930	<b>248 F-45</b>	320	45	940	6
8868070	<b>248 F-50</b>	325	50	1120	1
8868150	<b>248 F-60</b>	335	60	1680	1

**248 H**

**RECOILLESS HAMMER**

- With hickory handle
- Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D
- Powder-coated with silver hammer-effect enamel



Code	No.	↳mm↳	Ø mm	↕	📦
8728220	<b>248 H-25</b>	305	25	300	6
8868230	<b>248 H-30</b>	330	30	470	6
8868310	<b>248 H-35</b>	335	35	590	6
8868580	<b>248 H-40</b>	360	40	730	6
8868660	<b>248 H-45</b>	365	45	870	6
8868740	<b>248 H-50</b>	370	50	1020	1
8868820	<b>248 H-60</b>	370	60	1650	1
8728300	<b>248 H-70</b>	370	70	2330	1
8728490	<b>248 H-80</b>	880	80	4270	1
8728570	<b>248 H-100</b>	1000	100	6935	1

**E 248 H**

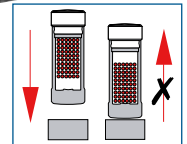
**SPARE HANDLE HICKORY**

Code	No.	↳mm↳	↕	📦
8739690	<b>E 248 H-25</b>	280	62	10
8739770	<b>E 248 H-30-35</b>	300	120	10
8739850	<b>E 248 H-40-45</b>	320	140	10
8739930	<b>E 248 H-50</b>	320	180	10
8740000	<b>E 248 H-60-70</b>	310	210	10
8740190	<b>E 248 H-80</b>	800	680	10
8740270	<b>E 248 H-100</b>	900	1100	10

**248 ST**

**RECOILLESS HAMMER**

- With very robust and durable steel tube handle
- Splinter-proof, shatter-proof and wear-resistant polyamide heads, 75 Shore D, tested to -20° C
- Powder-coated with silver hammer-effect enamel



Code	No.	↳mm↳	Ø mm	↕	📦
8724070	<b>248 ST-25</b>	270	25	440	6
8828950	<b>248 ST-30</b>	290	30	590	6
8829090	<b>248 ST-35</b>	295	35	710	6
8829170	<b>248 ST-40</b>	300	40	810	6
8829410	<b>248 ST-45</b>	305	45	980	6
8829250	<b>248 ST-50</b>	310	50	1070	1
8829330	<b>248 ST-60</b>	335	60	1790	1
8724150	<b>248 ST-70</b>	335	70	2430	1

**E 248**

**SPARE HEAD (PIECE)**

- Splinter-proof, shatter-proof and wear-resistant polyamide

Code	No.	Ø mm	↕	📦
8747790	<b>E 248-20</b>	20	10	1
8747870	<b>E 248-25</b>	25	10	1
8830260	<b>E 248-30</b>	30	15	1
8830340	<b>E 248-35</b>	35	21	1
8830420	<b>E 248-40</b>	40	31	1
8829920	<b>E 248-45</b>	45	40	1
8830500	<b>E 248-50</b>	50	50	1
8830690	<b>E 248-60</b>	60	90	1
8748410	<b>E 248-70</b>	70	130	1
8748680	<b>E 248-80</b>	80	190	1
8748760	<b>E 248-100</b>	100	350	1

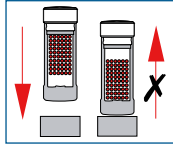




### 248 KL

#### RECOILLESS IMPACT TOOL

- Splinter-proof, shatter-proof and wear-resistant polyamide heads
- Powder-coated with silver hammer-effect enamel



Code	No.	l mm	Ø mm	g	kg
8746980	<b>248 KL-20</b>	150	20	220	1
8747010	<b>248 KL-25</b>	154	25	310	1
8747280	<b>248 KL-30</b>	155	30	440	1
8747360	<b>248 KL-35</b>	155	35	610	1
8747440	<b>248 KL-40</b>	160	40	790	1
8747520	<b>248 KL-45</b>	160	45	1010	1
8747600	<b>248 KL-50</b>	165	50	1230	1

### VS 247 H

#### DISPLAY RACK FOR HAMMER KOMBI-PLUS R 11 pieces

- High-quality and compact



Code	No.	Contents	g	kg
1648985	<b>VS 247 H</b>	6x <b>247 H-30</b> 5x <b>247 H-35</b>	11.0	1



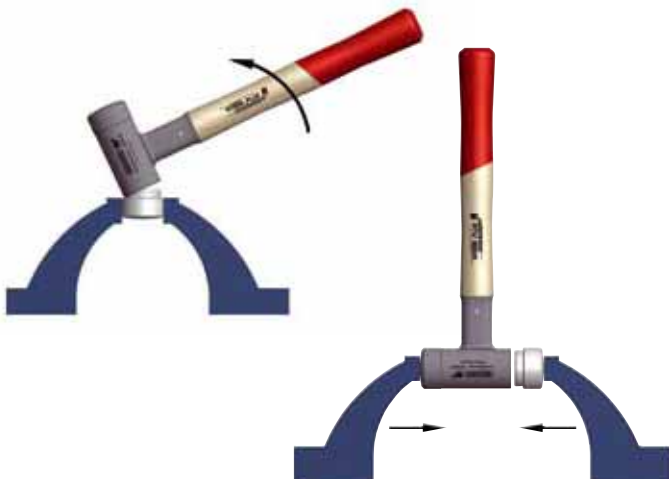
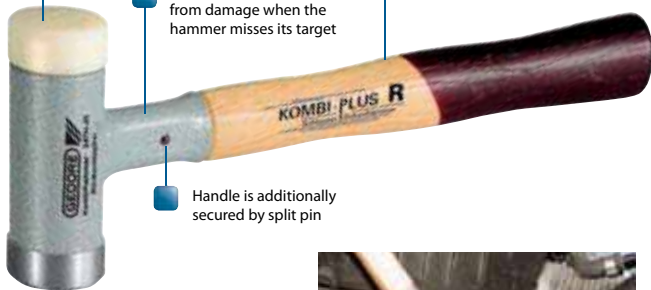
### KOMBI-PLUS R

With exchangeable insert in break and wear-resistant polyamide

Steel sleeve for protection from damage when the hammer misses its target

Ergonomically designed handle made from high-quality hickory, extremely bend resistant and fail safe

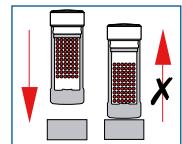
Handle is additionally secured by split pin



### 247 H

#### COMBINATION HAMMER KOMBI-PLUS R

- Reduced expense due to versatile use as an engineer's and recoilless hammer
- Universal use for service and assembly work
- With all advantages of a recoilless hammer with higher striking effect
- Less energy necessary, easier working
- With exchangeable insert in break and wear-resistant modified polyamide (E 247), 75 Shore D
- With hickory handle
- Spare handle E 247 H
- DBGM (German utility patent)



Code	No.	l mm	Ø mm	g	kg
1603299	<b>247 H-30</b>	305	30	460	6
1885979	<b>247 H-30-200</b>	200	30	480	6
1603396	<b>247 H-35</b>	310	35	690	6
1687883	<b>247 H-40</b>	330	40	840	6
1605313	<b>E 247 H-30</b>	270		100	1
1630709	<b>E 247 H-35</b>	270		120	1
1688014	<b>E 247 H-40</b>	290		126	1
1605305	<b>E 247-30</b>		30	21	1
1605380	<b>E 247-35</b>		35	34	1
1688022	<b>E 247-40</b>		40	40	1

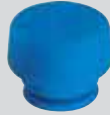


## SAFETY HAMMER SOFT-PLUS

### SOFT-PLUS heads

✔ **Blue (B) = soft, 20 Shore D**

- Material: Elastomer
- For sensitive work pieces, light metal production, furniture industry, assembly works, etc.



✔ **Black (S) = medium soft, 45 Shore D**

- Material: Caoutchouc
- For sturdy applications, pavement craft, etc.



✔ **Yellow (G) = medium hard, 63 Shore D**

- Material: Polyurethane
- For universal applications, tooling and machine industry, automotive workshops, sheet metal work, etc.



✔ **Anthracite (A) = hard, 70 Shore D**

- Material: Polyurethane
- For high striking power, road building, etc.



## 250

### SAFETY HAMMER SOFT-PLUS

- ✔ Safety hammer with malleable cast iron shells
- ✔ With hickory handle and interchangeable heads
- ✔ Slots in the head and grooves in the shells provide an absolute safe connection
- ✔ The screw is guided through the handle and connected with a self-locking nut. This provides highest safety



Code	No.	h mm	l mm	Ø mm	W mm	W mm
1446010	250 AB-30	87	290	30	321	6
1446029	250 AB-40	110	325	40	660	6
1446037	250 AB-50	131	360	50	1100	6
1445936	250 AG-30	87	290	30	335	6
1445960	250 AG-40	110	325	40	656	6
1445979	250 AG-50	131	360	50	1140	6
1446088	250 AS-30	87	290	30	386	6
1446118	250 AS-40	110	325	40	690	6
1446134	250 AS-50	131	360	50	1135	6
1445898	250 BG-30	87	290	30	328	6
1445901	250 BG-40	110	325	40	646	6
1445928	250 BG-50	131	360	50	1102	6
1446045	250 BS-30	87	290	30	328	6
1446053	250 BS-40	110	325	40	658	6
1446061	250 BS-50	131	360	50	1110	6
1445987	250 GS-30	87	290	30	335	6
1445995	250 GS-40	110	325	40	671	6
1446002	250 GS-50	131	360	50	1130	6

## E 250

### SPARE HEAD SOFT-PLUS

- ✔ For safety hammer 250
- ✔ Splinter-proof, shatter-proof, wear-resistant
- ✔ Colour fast
- ✔ Cadmium free



Code	No.	Ø mm	h mm	W mm
1445200	E 250 A-30	30	27	1
1445219	E 250 A-40	40	58	1
1445227	E 250 A-50	50	116	1
1445111	E 250 B-30	30	20	1
1445154	E 250 B-40	40	45	1
1445162	E 250 B-50	50	85	1
1445170	E 250 G-30	30	26	1
1445189	E 250 G-40	40	60	1
1445197	E 250 G-50	50	116	1
1445235	E 250 S-30	30	30	1
1445243	E 250 S-40	40	70	1
1445251	E 250 S-50	50	115	1

## E 250 H

### SPARE HANDLE SOFT-PLUS

- ✔ For safety hammer no. 250
- ✔ Made from hickory



Code	No.	h mm	W mm	W mm
1445715	E 250 H-30	275	90	10
1445723	E 250 H-40	300	132	10
1445758	E 250 H-50	330	176	10

## E 250 T

### MALLEABLE CAST IRON SHELLS SOFT-PLUS

- ✔ For safety hammer no. 250, 1 pair
- ✔ Made from high-quality malleable cast iron
- ✔ Safety connection included
- ✔ Extremely resistant



Code	No.	Ø mm	h mm	W mm
1445073	E 250 T-30	30	160	1
1445081	E 250 T-40	40	365	1
1445103	E 250 T-50	50	710	1



## SAFETY HAMMERS

### 224 E

#### PLASTIC HAMMER

- With exchangeable heads made from yellow shatter-proof cellulose acetate
- With ash handle
- 65 Shore D



Code	No.	l mm	Ø mm	W mm	W mm
8821270	<b>224 E-22</b>	250	22	157	6
8821350	<b>224 E-27</b>	270	27	242	6
8821430	<b>224 E-32</b>	280	32	365	6
8821510	<b>224 E-35</b>	290	35	445	6
8821780	<b>224 E-40</b>	320	40	600	6
8821860	<b>224 E-50</b>	340	50	913	6
8821940	<b>224 E-60</b>	380	60	1392	6

Code	Spare head No.	Ø mm	W mm	W mm
8822590	<b>E 224-22</b>	22	5	1
8822670	<b>E 224-27</b>	27	15	1
8822750	<b>E 224-32</b>	32	25	1
8822830	<b>E 224-35</b>	35	30	1
8822910	<b>E 224-40</b>	40	40	1
8823050	<b>E 224-50</b>	50	70	1
8823130	<b>E 224-60</b>	60	110	1

### 225 E

#### NYLON HAMMER

- With exchangeable heads made from impact-resistant nylon
- With ash handle
- 60 Shore D



Code	No.	l mm	Ø mm	W mm	W mm
8805310	<b>225 E-22</b>	250	22	160	6
8805580	<b>225 E-27</b>	270	27	250	6
8805660	<b>225 E-32</b>	280	32	350	6
8805740	<b>225 E-35</b>	290	35	420	6
8805820	<b>225 E-40</b>	320	40	580	6
8805900	<b>225 E-50</b>	340	50	900	6
8806040	<b>225 E-60</b>	380	60	1340	6

Code	Spare head No.	Ø mm	W mm	W mm
8814220	<b>E 225-22</b>	22	5	1
8814300	<b>E 225-27</b>	27	10	1
8814490	<b>E 225-32</b>	32	15	1
8814570	<b>E 225-35</b>	35	25	1
8814650	<b>E 225-40</b>	40	30	1
8814730	<b>E 225-50</b>	50	55	1
8814810	<b>E 225-60</b>	60	85	1

### E 224 E

#### SPARE HANDLE for no. 224+225

Code	No.	l mm	W mm	W mm
8823210	<b>E 224 E-22</b>	250	60	10
8823480	<b>E 224 E-27</b>	270	60	10
8823560	<b>E 224 E-32</b>	280	80	10
8823640	<b>E 224 E-35</b>	290	60	10
8823720	<b>E 224 E-40</b>	320	100	10
8824290	<b>E 224 E-50</b>	340	100	10
8824370	<b>E 224 E-60</b>	380	115	10

### 226 E

#### RUBBER MALLET hard

- DIN 5128-90, 90 Shore A
- With two flat surfaces
- 2 A** with one curved and one flat surface
- With ash handle



Code	No.	l mm	l mm	Ø mm	W mm	W mm
8825500	<b>226 E-0</b>	80	260	40	210	6
8825690	<b>226 E-1</b>	90	320	55	370	6
8825770	<b>226 E-2</b>	115	340	65	630	6
8825850	<b>226 E-2 A</b>	115	340	65	578	6
8825930	<b>226 E-3</b>	130	380	75	990	6
8826070	<b>226 E-4</b>	140	380	90	1460	6

### 227 E

#### RUBBER MALLET soft

- DIN 5128-60, 60 Shore A
- With two flat surfaces
- 2 A** with one curved and one flat surface
- With ash handle



Code	No.	l mm	l mm	Ø mm	W mm	W mm
8826660	<b>227 E-0</b>	80	260	40	150	6
8826740	<b>227 E-1</b>	90	320	55	320	6
8826820	<b>227 E-2</b>	115	340	65	540	6
8826900	<b>227 E-2 A</b>	115	340	65	430	6
8827040	<b>227 E-3</b>	130	380	75	770	6
8827120	<b>227 E-4</b>	140	380	90	1050	6

### E 226 E

#### SPARE HANDLE ASH for no. 226+227

Code	No.	l mm	W mm	W mm
8826230	<b>E 226 E-0</b>	260	43	10
8826310	<b>E 226 E-1</b>	320	45	10
8826580	<b>E 226 E-2</b>	340	100	10
8827200	<b>E 226 E-3</b>	380	130	10
8827390	<b>E 226 E-4</b>	380	170	10

### 216 K

#### PLASTIC HAMMER

- Colour leaves no stains, smears or other marks on the working materials or components
- White side PVC = soft, approx. 70 Shore
- Blue side PP = hard, approx. 95 Shore
- With plastic handle



Code	No.	l mm	Ø mm	l mm	W mm	W mm
1468286	<b>216 K-1</b>	85	55	320	260	6
1468294	<b>216 K-2</b>	110	60	340	403	6





**WOODEN / COPPER / LEAD HAMMERS**

**228**

**WOODEN MALLET**

- ✔ Made from white beech wood
- ✔ Acc. to DIN 7462 A



Code	No.	↳ mm ↳	Ø mm	↳ mm ↳	↳ mm ↳
8828010	<b>228-60</b>	300	60	350	6
8828280	<b>228-70</b>	340	70	470	6

**229**

**WOODEN MALLET**

- ✔ Head made from white beech wood with pressed steel holder
- ✔ With oval ash handle
- ✔ Acc. to DIN 7462 B



Code	No.	↳ mm ↳	Ø mm	↳ mm ↳	↳ mm ↳
8601230	<b>229-60</b>	310	60	340	6
8601310	<b>229-70</b>	320	70	610	6
8605060	<b>229-80</b>	350	80	820	6

**21 F**

**LIGHT METAL HAMMER**

- ✔ Cylindrical pattern
- ✔ Nearly unbreakable fibreglass handle with plastic grip



Code	No.	↳ mm ↳	Ø mm	↳ mm ↳	↳ mm ↳
2015110	<b>21 F-250</b>	300	40	250	440
2015129	<b>21 F-500</b>	320	45	500	710
2015137	<b>21 F-1000</b>	360	60	1000	1250
2015145	<b>21 F-1500</b>	400	70	1500	1790

**223 H**

**LEAD HAMMER**

- ✔ Barrel shape, with end-to-end split pin
- ✔ With hickory handle DIN 5111
- ✔ Spare handle E 4 H



Code	No.	↳ mm ↳	↳ mm ↳	↳ mm ↳	↳ mm ↳
8820460	<b>223 H-1000</b>	310	1000	1160	6
8820540	<b>223 H-1500</b>	350	1500	1840	6
8591760	<b>E 4 H-400</b>	310		120	10
8592060	<b>E 4 H-800</b>	350		210	10

**622 H**

**COPPER HAMMER ROTBAND-PLUS**

- ✔ Club shape
- ✔ With hickory handle DIN 5111, with additional long hardened handle protective steel sleeve
- ✔ Spare handle E 600 H
- ✔ The sleeve, tapered collar, fixing plate and wood screw bond the hammer head and wood handle into one unit
- ✔ Patented handle join, high working safety, long service life, best price-performance ratio



Code	No.	↳ mm ↳	↳ mm ↳	↳ mm ↳	↳ mm ↳
8672410	<b>622 H-750</b>	350	750	1120	6
8672680	<b>622 H-1000</b>	360	1000	1468	6
8672760	<b>622 H-1500</b>	380	1500	2075	6
8672840	<b>622 H-2000</b>	400	2000	2300	6
8596640	<b>E 600 H-800</b>	350		296	10
8597880	<b>E 600 H-1000</b>	360		315	10
8597960	<b>E 600 H-1500</b>	380		373	10
8599070	<b>E 600 H-2000</b>	400		442	10

**22 H**

**COPPER HAMMER**

- ✔ Club shape
- ✔ Forged hammer head with accurate chamfer
- ✔ With hickory handle DIN 5111
- ✔ Spare handle E 4 H



Code	No.	↳ mm ↳	↳ mm ↳	↳ mm ↳	↳ mm ↳
1583999	<b>22 H-250</b>	280	250	316	6
1584006	<b>22 H-500</b>	310	500	715	6
8867260	<b>22 H-750</b>	350	750	1050	6
8867340	<b>22 H-1000</b>	360	1000	1333	6
8867420	<b>22 H-1500</b>	380	1500	1933	6
8867500	<b>22 H-2000</b>	400	2000	2341	6
8591410	<b>E 4 H-200</b>	280		85	10
8591760	<b>E 4 H-400</b>	310		120	10
8592060	<b>E 4 H-800</b>	350		210	10
8592140	<b>E 4 H-1000</b>	360		225	10
8592220	<b>E 4 H-1500</b>	380		190	10
8592300	<b>E 4 H-2000</b>	400		280	10

**23 E**

**COPPER HAMMER**

- ✔ Club shape
- ✔ With ash handle DIN 5111
- ✔ Spare handle E 4 E



Code	No.	↳ mm ↳	↳ mm ↳	↳ mm ↳	↳ mm ↳
1599275	<b>23 E-250</b>	300	250	333	6
1599585	<b>23 E-500</b>	320	500	689	6
1599593	<b>23 E-750</b>	350	750	950	6
1599607	<b>23 E-1000</b>	360	1000	1141	6
1599623	<b>23 E-1500</b>	380	1500	1991	6
1599631	<b>23 E-2000</b>	400	2000	2282	6



Code	No.	mm	mm	mm	mm
8588030	<b>E 4 E-300</b>	300		99	10
8588380	<b>E 4 E-500</b>	320		160	10
8588540	<b>E 4 E-800</b>	350		165	10
8588620	<b>E 4 E-1000</b>	360		183	10
8588700	<b>E 4 E-1500</b>	380		196	10
8588890	<b>E 4 E-2000</b>	400		261	10

## FORGING TOOLS

### 37 E

**COLD CHISEL HAMMER**  
 ▸ With ash handle  
 ▸ Spare handle E 37 E



Code	No.	mm	mm	mm	mm
8663850	<b>37 E-1500</b>	600	1500	1810	1
8663930	<b>E 37 E-1500</b>	600		270	1

### 38 E

**HOT CHISEL HAMMER**  
 ▸ With ash handle  
 ▸ Spare handle E 37 E



Code	No.	mm	mm	mm	mm
8664310	<b>38 E-1500</b>	600	1500	1760	1
8663930	<b>E 37 E-1500</b>	600		270	1

### 48 E

**SQUARE FLATTER**  
 ▸ With ash handle  
 ▸ Spare handle E 37 E



Code	No.	mm	mm	mm	mm
8669620	<b>48 E-70</b>	70	600	1600	2240
8663930	<b>E 37 E-1500</b>	600		270	1



Deviant packing units see article description.

### 49 E

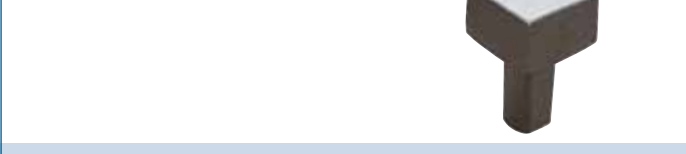
**SET HAMMER**  
 ▸ With ash handle  
 ▸ Spare handle E 37 E



Code	No.	mm	mm	mm	mm
8670120	<b>49 E-50</b>	50	600	1900	2400
8663930	<b>E 37 E-1500</b>	600		270	1

### 50

**BOTTOM ANVIL TOOL**  
 ▸ Pin 25 mm



Code	No.	mm	mm	mm
8670550	<b>50-50</b>	50		1030

### 51 E

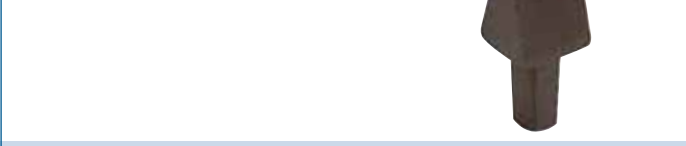
**TOP FULLER**  
 ▸ With ash handle  
 ▸ Spare handle E 37 E



Code	No.	mm	mm	mm	mm
8671520	<b>51 E-15</b>	15	600	900	1310
8671600	<b>51 E-20</b>	20	600	950	1330
8663930	<b>E 37 E-1500</b>	600		270	1

### 53

**BOTTOM FULLER**  
 ▸ Pin 25 mm



Code	No.	mm	mm	mm
8672090	<b>53-15</b>	15		1140
8672170	<b>53-20</b>	20		1132

### 920 • 921 • 922



487






**54 E**

**TOP SWAGE**

- ✔ With ash handle
- ✔ Spare handle E 37 E





Code	No.	■ mm	↳ mm ↵			
8676830	<b>54 E-10</b>	10	600	1000	1290	1
8676910	<b>54 E-15</b>	15	600	1225	1480	1
8677050	<b>54 E-20</b>	20	600	1695	2050	1
8677130	<b>54 E-25</b>	25	600	1850	2120	1
8663930	<b>E 37 E-1500</b>		600		270	1

**55**

**BOTTOM SWAGE**

- ✔ Pin 25 mm






Code	No.	■ mm		
8677720	<b>55-10</b>	10	1050	1
8677800	<b>55-15</b>	15	1090	1
8677990	<b>55-20</b>	20	1100	1
8678020	<b>55-25</b>	25	1052	1

**56 E**

**PUNCH HAMMER**

- ✔ With ash handle
- ✔ Spare handle E 37 E
- ✔ Can be supplied with rebound-dampened tubular steel handle



Code	No.	∅ mm	↳ mm ↵			
8679500	<b>56 E-10</b>	10	600	850	1010	1
8679690	<b>56 E-15</b>	15	600	1000	1480	1
8679770	<b>56 E-20</b>	20	600	1470	1770	1
8663930	<b>E 37 E-1500</b>		600		270	1

**58**

**HARDY**

- ✔ Pin 25 mm





Code	No.		
8680350	<b>58-100</b>	1190	1

**59**

**ANVIL HORN**

- ✔ Pin 25 mm






Code	No.		
8680780	<b>59-100</b>	1100	1

**60 E - 61 E**

**SCYTHE HAMMER**

- ✔ 60 E = double edge with ash handle
- ✔ 61 E = single edge with ash handle
- ✔ Spare handle E 60 E





Code	No.	↳ mm ↵			
8681160	<b>60 E-500</b>	240	500	630	6
8681400	<b>61 E-500</b>	240	500	610	6
8681590	<b>E 60 E-500</b>	240		120	10

**62 - 63**

**SCYTHE ANVIL**



Code	No.	Execution		
8681830	<b>62-500</b>	tipped	390	1
8682050	<b>63-500</b>	edged	560	1

 **923 · 924**



**487**





## BLACKSMITH'S TONGS

230

### BLACKSMITH'S TONGS

Flat nosed



Code	No.	l-mm	l-mm	l-mm
8842510	<b>230-300</b>	300	500	1
8842780	<b>230-400</b>	400	860	1
8842860	<b>230-500</b>	500	1240	1
8842940	<b>230-600</b>	600	1710	1

231

### BLACKSMITH'S TONGS

Round nosed



Code	No.	l-mm	l-mm	l-mm
8843400	<b>231-300</b>	300	580	1
8843590	<b>231-400</b>	400	870	1
8843670	<b>231-500</b>	500	1220	1
8843750	<b>231-600</b>	600	1610	1

232

### BLACKSMITH'S TONGS

Half-round nosed



Code	No.	l-mm	l-mm	l-mm
8844210	<b>232-300</b>	300	590	1
8844480	<b>232-400</b>	400	796	1
8844560	<b>232-500</b>	500	1230	1
8844640	<b>232-600</b>	600	1630	1

233

### BLACKSMITH'S TONGS

Half-round nosed



Code	No.	l-mm	l-mm	l-mm
8845100	<b>233-300</b>	300	610	1
8845290	<b>233-400</b>	400	930	1
8845370	<b>233-500</b>	500	1320	1
8845450	<b>233-600</b>	600	1790	1

234

### RIVETTING TONGS



Code	No.	l-mm	l-mm	l-mm
8846180	<b>234-400</b>	400	500	1
8846260	<b>234-500</b>	500	850	1



## SCRAPERS



130

### THREE-EDGED BEARING SCRAPER

- Made from special steel
- Working ends polished
- With wooden handle
- Flanged blade



Code	No.	Spoon	l-mm	l-mm	l-mm	l-mm
8777270	<b>130-125</b>	55	125	225	78	10
8777350	<b>130-150</b>	70	150	270	136	10
8777430	<b>130-200</b>	85	200	315	171	10
8777510	<b>130-250</b>	100	250	365	182	10

131

### CURVED BEARING SCRAPER (LONG SCRAPER) American pattern

- Made from special steel
- Working ends polished
- With wooden handle
- Flanged blade



Code	No.	Spoon	l-mm	l-mm	l-mm	l-mm
8778160	<b>131-125</b>	45	125	225	90	10
8778240	<b>131-150</b>	65	150	270	124	10
8778320	<b>131-200</b>	85	200	315	100	10
8778400	<b>131-250</b>	105	250	365	217	10







**132**

**THREE-EDGED HOLLOW GROUND SCRAPER**

- ▶ Acc. to DIN 8350 Form C
- ▶ Made from special steel
- ▶ Working ends polished
- ▶ With wooden handle
- ▶ Flanged blade







Code	No.				
8778910	<b>132-100</b>	100	200	77	10
8779050	<b>132-125</b>	125	225	880	10
8779130	<b>132-150</b>	150	270	100	10
8779210	<b>132-175</b>	175	295	151	10
8779480	<b>132-200</b>	200	315	163	10
8779560	<b>132-250</b>	250	365	185	10
8779640	<b>132-300</b>	300	415	210	10

**133 F**

**FLAT SCRAPER**

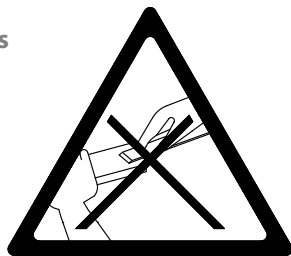
- ▶ Acc. to DIN 8350 Form A
- ▶ Made from special steel
- ▶ Working ends polished
- ▶ With wooden handle
- ▶ Flanged blade



Code	No.				
8780220	<b>133 F-100</b>	100	200	107	10
8780300	<b>133 F-125</b>	125	225	108	10
8780490	<b>133 F-150</b>	150	270	190	10
8780570	<b>133 F-175</b>	175	295	208	10
8780650	<b>133 F-200</b>	200	315	234	10
8780730	<b>133 F-250</b>	250	365	390	10
8780810	<b>133 F-300</b>	300	415	420	10

**Safety instruction for scrapers**

Do not touch the sharp working edges.









**133 H**

**HARD METAL TIP FLAT SCRAPER**

- ▶ Soldered hard metal tip
- ▶ Wooden handle







Code	No.						
4523000	<b>133 H</b>	30	5	250	365	350	3

**133 D**

**GASKET SCRAPER**

- ▶ Made from special steel
- ▶ With wooden handle
- ▶ Flanged blade

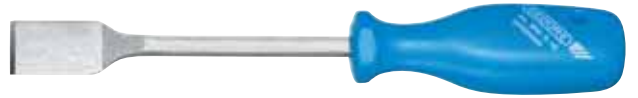







Code	No.				
1395262	<b>133 D-150</b>	150	270	120	10

**133 K**

**GASKET SCRAPER**

- ▶ With plastic handle







Code	No.					
6535190	<b>133 K</b>	10	240	22.5	154	5

**134**

**THREE-EDGED FLAT GROUND SCRAPER**

- ▶ Acc. to DIN 8350 Form B
- ▶ Made from special steel
- ▶ Working ends polished
- ▶ With wooden handle
- ▶ Flanged blade








Code	No.				
8781620	<b>134-100</b>	100	200	72	10
8781700	<b>134-125</b>	125	225	81	10
8781890	<b>134-150</b>	150	270	139	10
8781970	<b>134-175</b>	175	295	118	10
8782000	<b>134-200</b>	200	315	168	10
8782190	<b>134-250</b>	250	365	190	10
8782270	<b>134-300</b>	300	415	220	10

**134 K**

**THREE-SQUARE SCRAPER**

- ▶ With ground edges
- ▶ Shaft PVC coated
- ▶ Black plastic handle

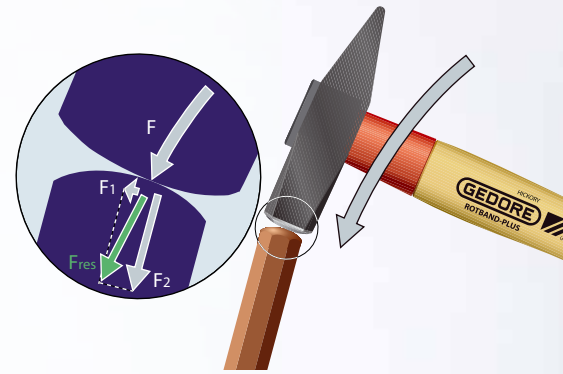


Code	No.					
4646860	<b>134 K</b>	6	80	170	60	5



# STRIKING TOOLS ++

## WHAT IS SO SPECIAL ABOUT GEDORE STRIKING TOOLS?



- ▶ The striking thing about GEDORE striking tools is the 45CrMoV7 material used - one which has a 30% higher strength (under the same hardness) than the usual DIN 59CrV4 material. This very much distinguishes GEDORE striking tools from the products of its competitors.
- ▶ This is very true indeed for nail lifters.
- ▶ The material (45CrMoV7) used by GEDORE is a pure air-hardening steel which hardens at a temperature of about 850°C in still air. This material features both a high level of stability and enormous toughness. Tools cannot break even under the hardest of working conditions.
- ▶ GEDORE striking tools are hot forged.

- ▶ Pin punches, drift punches and centre punches are also hot forged and thus provided with a very homogeneous structure.
- ▶ GEDORE pin punches always have a minus tolerance. This rules out any jamming in the drill hole.
- ▶ All tools are fully hardened over their entire length. Tools cannot break even under the hardest of working conditions.
- ▶ The hammer heads of our tools are electro-inductively and hence homogeneously tempered. In this way, maximum stability is achieved and splintering avoided.
- ▶ The head shape of the GEDORE striking tools is optimally adapted to the radius of the hammer face.



## SAFETY NOTES FOR STRIKING TOOLS



### CHISELS

- ▶ Wear safety glasses and safety gloves!
- ▶ Before starting work, check that the chisel blade is sharp and the striking end is burr-free! The blades must be properly wet-sharpened!
- ▶ Select the appropriate type and size of chisel for the work to be carried out!
- ▶ Hold the chisel with a firm grip!
- ▶ When working, keep your eyes on the chisel tip!
- ▶ Wherever possible, use a chisel with hand guard.
- ▶ Never use chisels on workpieces harder than 40 HRC!
- ▶ Set safety guards in place to prevent splinters and chips posing a hazard for other people!

### CENTRE PUNCHES, DRIFTS AND MORTISE CHISELS

- ▶ These tools are subject to the same safety rules as chisels.



➔ 922 • 923

487



**CHISELS**

**108 UNI**

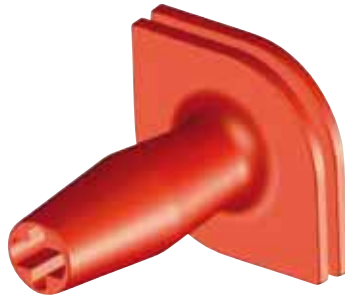
**PROTECTIVE HAND GUARD**

- ▶ Made from PVC
- ▶ Improved protective plate offers highest safety for the hand against impacts
- ▶ Ergonomic design
- ▶ Avoids injuries of the hand
- ▶ No rolling away (elliptical-shaped)
- ▶ Jarring blows do not move into the hand
- ▶ No fatigue of the hand - optimum hold
- ▶ All chisels from 250 mm length can be supplied with universal protective hand guard (HS)
- ▶ DBGM (German utility patent)



product design award

2008

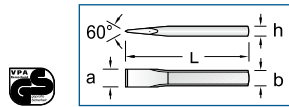


Code	No.	oval	octagonal	↕	☰
8658500	<b>108 UNI</b>	20 x 12 23 x 13 26 x 13 26 x 7	14 16 18 20	182	1

**95**

**FLAT COLD CHISEL flat oval**

- ▶ Acc. to DIN 6453
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ \* not standardised

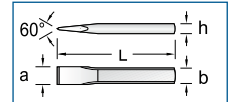
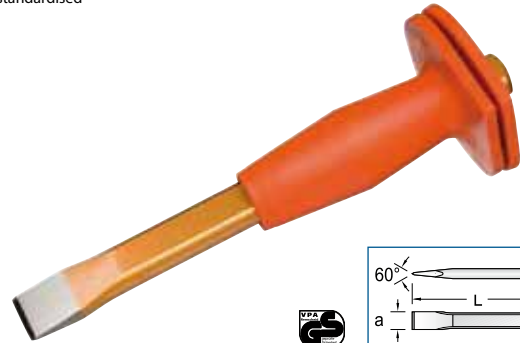


Code	No.	*	L	a	b	h	↕	☰
8698560	<b>95-100</b>		100	15	14	9	75	10
8698640	<b>95-125</b>		125	15	14	9	100	10
8698720	<b>95-150</b>		150	18	17	11	190	10
8698800	<b>95-175</b>		175	21	20	12	280	10
8698990	<b>95-200</b>		200	24	23	13	390	10
8699610	<b>95-225</b>	*	225	24	23	13	460	10
8699020	<b>95-253</b>		250	25	23	13	500	10
8699100	<b>95-250</b>	*	250	28	26	13	570	10
8699290	<b>95-303</b>		300	26	23	13	604	10
8699370	<b>95-300</b>	*	300	30	26	13	710	10
8699450	<b>95-400</b>	*	400	30	26	13	950	10
8699530	<b>95-500</b>	*	500	30	26	13	1160	1

**95 HS**

**FLAT COLD CHISEL flat oval**

- ▶ Acc. to DIN 6453
- ▶ With protective hand guard 108 UNI
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ \* not standardised

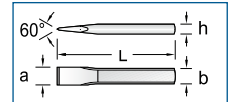


Code	No.	*	L	a	b	h	↕	☰
8699880	<b>95 HS-253</b>		250	25	23	13	630	1
8699960	<b>95 HS-250</b>	*	250	28	26	13	700	1
8700560	<b>95 HS-303</b>		300	25	23	13	730	1
8700640	<b>95 HS-300</b>	*	300	30	26	13	822	1
8700720	<b>95 HS-400</b>	*	400	30	26	13	1070	1
8700800	<b>95 HS-500</b>	*	500	30	26	13	1290	1

**95 N**

**FLAT COLD CHISEL flat oval, extra slim pattern**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished

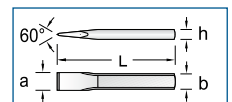


Code	No.	L	a	b	h	↕	☰
8700050	<b>95 N-200</b>	200	26	23	13	370	10
8700130	<b>95 N-250</b>	250	30	26	13	530	10
8700210	<b>95 N-300</b>	300	30	26	13	650	10
8700480	<b>95 N-400</b>	400	30	26	13	890	10

**95 NHS**

**FLAT COLD CHISEL flat oval, extra slim pattern**

- ▶ With protective hand guard 108 UNI
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished



Code	No.	L	a	b	h	↕	☰
8701530	<b>95 NHS-250</b>	250	30	26	13	660	1
8701610	<b>95 NHS-300</b>	300	30	26	13	790	1
8701880	<b>95 NHS-400</b>	400	30	26	13	1010	1

**920 • 921 • 922**



487

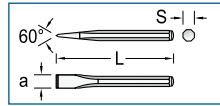




97

**FLAT COLD CHISEL octagonal**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished

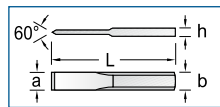
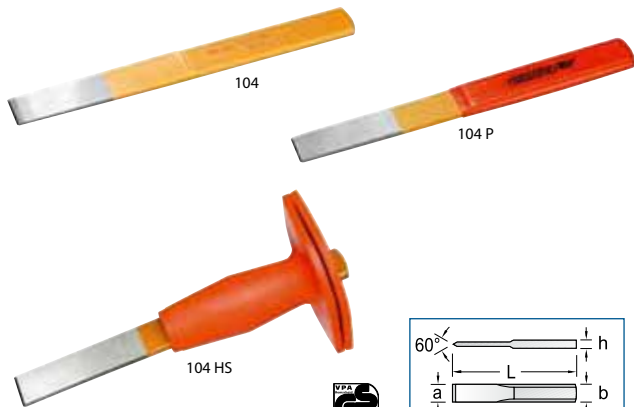


Code	No.	L	a	s	⚡	📦
8703820	<b>97-125</b>	125	12	10	69	10
8703900	<b>97-150</b>	150	16	12	130	10
8704040	<b>97-175</b>	175	20	16	270	10
8704120	<b>97-200</b>	200	22	18	380	10
2004666	<b>97-250</b>	250	24	20	406	10

104

**SPLITTING CHISEL flat**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Forged
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ 104 HS with protective hand guard 108 UNI
- ▶ 104 P with plastic grip

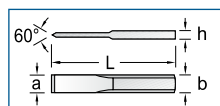
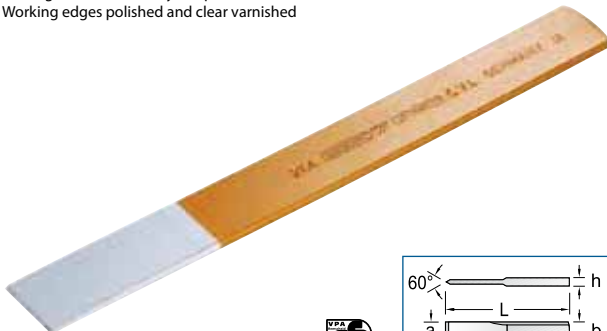


Code	No.	L	a	b	h	⚡	📦
8723850	<b>104</b>	240	26	26	7	260	1
8724230	<b>104 P</b>	240	26	26	7	290	1
8723930	<b>104 HS</b>	240	26	26	7	400	1

2104

**SPLITTING CHISEL extra flat**

- ▶ Chrome-vanadium steel
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edges polished and clear varnished

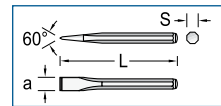


Code	No.	L	a	b	h	⚡	📦
8911420	<b>2104</b>	240	26	26	4	198	10

105

**SPLITTING CHISEL octagonal**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ 105 HS with protective hand guard 108 UNI

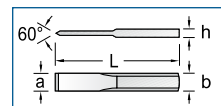
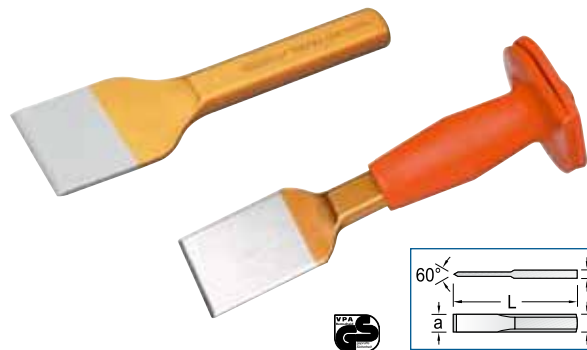


Code	No.	L	a	s	⚡	📦
8724660	<b>105-240</b>	240	30	18	380	10
8856730	<b>105-300</b>	300	30	18	470	10
8724740	<b>105 HS-240</b>	240	30	18	545	1
8875280	<b>105 HS-300</b>	300	30	18	610	1

103

**BRICK CUTTING CHISEL flat oval**

- ▶ With broad blade to chisel joints into walls, plaster, tiles, etc.
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ 103 HS with protective hand guard 108 UNI



Code	No.	L	a	b	h	⚡	📦
8723420	<b>103-50</b>	250	50	26	13	532	5
8723500	<b>103-60</b>	250	60	26	13	557	5
8723690	<b>103-80</b>	250	80	26	13	558	5
8746710	<b>103 HS-50</b>	250	50	26	13	650	1
8912310	<b>103 HS-60</b>	250	60	26	13	670	1
8721800	<b>103 HS-80</b>	250	80	26	13	675	1

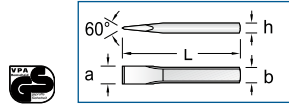
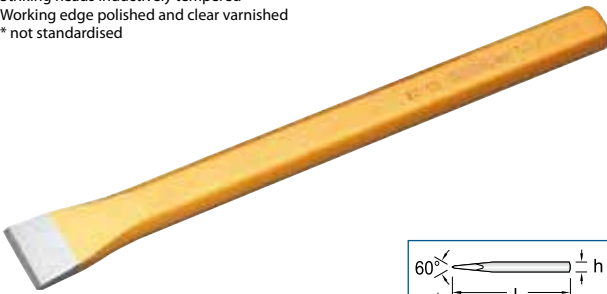




**109**

**BRICKLAYER'S CHISEL flat oval**

- ▶ Acc. to DIN 7254 Form A
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ \* not standardised

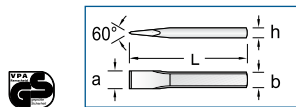
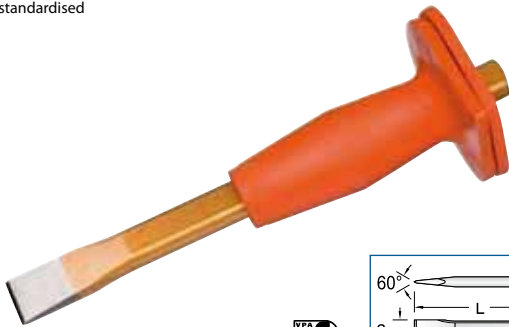


Code	No.	*	L	a	b	h	↕	☰
8728650	<b>109-200</b>		200	26	20	12	320	10
8728730	<b>109-250</b>		250	26	20	12	400	10
8728810	<b>109-300</b>		300	29	23	13	610	10
8729030	<b>109-350</b>		350	29	23	13	710	10
8729110	<b>109-400</b>		400	29	23	13	830	10
8729380	<b>109-500</b>		500	32	26	13	1180	1
8729460	<b>109-600</b>	*	600	32	26	13	1410	1
8729540	<b>109-800</b>	*	800	32	26	13	1880	1
8861140	<b>109-1000</b>	*	1000	32	26	13	2360	1

**109 HS**

**BRICKLAYER'S CHISEL flat oval**

- ▶ Acc. to DIN 7254 Form A
- ▶ With protective hand guard 108 UNI
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ \* not standardised

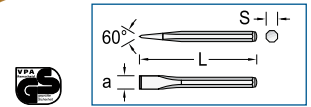


Code	No.	*	L	a	b	h	↕	☰
8729620	<b>109 HS-250</b>		250	26	20	12	530	1
8729700	<b>109 HS-300</b>		300	29	23	13	730	1
8730550	<b>109 HS-350</b>		350	29	23	13	830	1
8730630	<b>109 HS-400</b>		400	29	23	13	1068	1
8730710	<b>109 HS-500</b>		500	32	26	13	1230	1
8730980	<b>109 HS-600</b>	*	600	32	26	13	1520	1
8732410	<b>109 HS-800</b>	*	800	32	26	13	2010	1
8911930	<b>109 HS-1000</b>	*	1000	32	26	13	2710	1

**110**

**BRICKLAYER'S CHISEL octagonal**

- ▶ Acc. to DIN 7254 Form B
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ \* not standardised

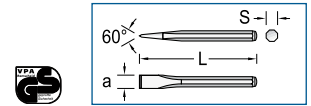


Code	No.	*	L	a	s	↕	☰
8731280	<b>110-216</b>		200	23	16	300	10
8731440	<b>110-256</b>		250	23	16	390	10
8731600	<b>110-316</b>	*	300	23	16	460	10
8731790	<b>110-318</b>		300	26	18	600	10
8731870	<b>110-358</b>		350	26	18	700	10
8731950	<b>110-418</b>	*	400	26	18	810	10
8732090	<b>110-420</b>		400	30	20	990	10
8732170	<b>110-520</b>		500	30	20	1240	1
8732250	<b>110-622</b>	*	600	32	22	1810	1

**110 HS**

**BRICKLAYER'S CHISEL octagonal**

- ▶ Acc. to DIN 7254 Form B
- ▶ With protective hand guard 108 UNI
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ \* not standardised

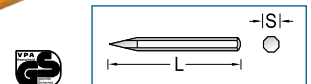


Code	No.	*	L	a	s	↕	☰
8732680	<b>110 HS-256</b>		250	23	16	510	1
8732840	<b>110 HS-316</b>	*	300	23	16	600	1
8733140	<b>110 HS-318</b>		300	26	18	720	1
8732920	<b>110 HS-358</b>		350	26	18	816	1
8733060	<b>110 HS-418</b>	*	400	26	18	930	1
8733220	<b>110 HS-420</b>		400	30	20	1110	1
8733300	<b>110 HS-520</b>		500	30	20	1380	1

**111**

**POINT CHISEL octagonal**

- ▶ Acc. to DIN 7256
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished, free of burrs



Code	No.	L	s	↕	☰
8741080	<b>111-216</b>	200	16	290	10
8741240	<b>111-256</b>	250	16	370	10
8741400	<b>111-316</b>	300	16	444	10
8741590	<b>111-318</b>	300	18	576	10
8741670	<b>111-358</b>	350	18	670	10
8741750	<b>111-418</b>	400	18	775	10
8741830	<b>111-420</b>	400	20	955	10
8741910	<b>111-520</b>	500	20	1215	1
8742050	<b>111-622</b>	600	22	1780	1

**620 H**



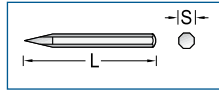
**432**



### 111 HS

#### POINT CHISEL octagonal

- Acc. to DIN 7256
- With protective hand guard 108 UNI
- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished

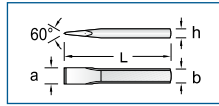
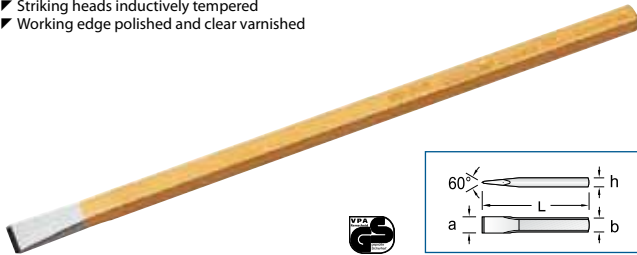


Code	No.	L	s	↕	☒
8742210	<b>111 HS-256</b>	250	16	500	1
8742560	<b>111 HS-316</b>	300	16	570	1
8742800	<b>111 HS-318</b>	300	18	695	1
8742640	<b>111 HS-358</b>	350	18	800	1
8742720	<b>111 HS-418</b>	400	18	910	1
8742990	<b>111 HS-420</b>	400	20	1130	1
8743020	<b>111 HS-520</b>	500	20	1335	1

### 112

#### ELECTRICIANS' CHISEL square

- Chrome-vanadium steel
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished

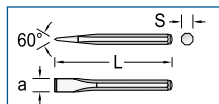


Code	No.	L	a	s	↕	☒
8744500	<b>112-2006</b>	200	6	6	54	10
8744690	<b>112-2008</b>	200	8	6	54	10
8744770	<b>112-2100</b>	200	10	7	73	10
8744930	<b>112-2508</b>	250	8	6	68	10
8745070	<b>112-2510</b>	250	10	7	91	10
8745150	<b>112-2512</b>	250	12	8	119	10
8745230	<b>112-2515</b>	250	15	10	188	10
8745310	<b>112-3000</b>	300	15	10	227	10

### 112 A

#### ELECTRICIANS' CHISEL octagonal

- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished



Code	No.	L	a	s	↕	☒
8745820	<b>112 A-200</b>	200	10	10	118	10
8745900	<b>112 A-250</b>	250	12	10	152	10
8746040	<b>112 A-300</b>	300	15	12	264	10

### 112 S

#### ELECTRICIANS' SPLITTING CHISEL

- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished

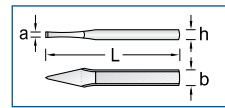


Code	No.	L	↕	☒
8746550	<b>112 S</b>	200	228	10

### 96

#### CROSS-CUT CHISEL flat oval

- Acc. to DIN 6451
- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished
- 96 HS with protective hand guard 108 UNI

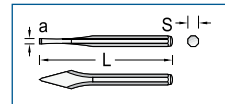


Code	No.	L	a	b	h	↕	☒
8702180	<b>96-125</b>	125	5	14	9	98	10
8702260	<b>96-150</b>	150	6	17	11	170	10
8702340	<b>96-175</b>	175	7	17	11	210	10
8702420	<b>96-200</b>	200	8	20	12	290	10
8702500	<b>96-250</b>	250	9	23	13	530	10
8702690	<b>96-300</b>	300	10	23	13	610	10
8702770	<b>96 HS-250</b>	250	9	23	13	600	1
8702850	<b>96 HS-300</b>	300	10	23	13	700	1

### 98

#### CROSS-CUT CHISEL octagonal

- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished



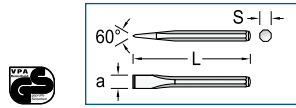
Code	No.	L	a	s	↕	☒
8704630	<b>98-125</b>	125	5	10	66	10
8704710	<b>98-150</b>	150	7	12	140	10
8704980	<b>98-175</b>	175	9	16	260	10
8705010	<b>98-200</b>	200	10	18	350	10



**202**

**TILE CHISEL flat**

- ▶ Chrome-vanadium steel 59CrV4
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished

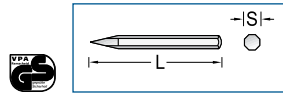


Code	No.	L	a	s	⚡	📦
8879270	<b>202-80</b>	80	6	6	21	10
8879350	<b>202-90</b>	90	8	6	24	10
8879430	<b>202-100</b>	100	10	7	33	10

**203**

**TILE CHISEL pointed**

- ▶ Chrome-vanadium steel 59CrV4
- ▶ Driving point polished and clear varnished



Code	No.	L	s	⚡	📦
8880010	<b>203-80</b>	80	6	21	10
8880280	<b>203-100</b>	100	7	32	10

**207**

**CARBIDE TILE CHISEL**

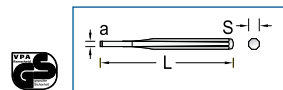


Code	No.	⊖ mm ⊕	■ mm	⚡	📦
8881090	<b>207-85</b>	90	8	50	10

**128**

**PARING CHISEL octagonal**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished

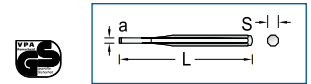


Code	No.	L	a	s	⚡	📦
8775650	<b>128-2</b>	120	2	10	70	10
8775730	<b>128-3</b>	120	3	10	67	10

**129**

**GROOVING CHISEL octagonal**

- ▶ Acc. to DIN 6455
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished



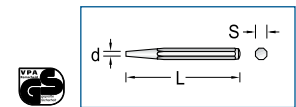
Code	No.	L	a	s	⚡	📦
8776380	<b>129-2</b>	150	2	10	68	10
8776460	<b>129-3</b>	150	3	10	70	10
8776540	<b>129-4</b>	150	4	10	74	10
8776620	<b>129-5</b>	150	5	10	80	10
8776700	<b>129-6</b>	150	6	10	84	10

**DRIFT / CENTRE / PIN PUNCHES**

**99**

**DRIFT PUNCH**

- ▶ Acc. to DIN 6458
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ Special types or sizes on request
- ▶ \* not standardised



Code	No.	*	L	s	d	⚡	📦
8708700	<b>99 10-1</b>		120	10	1	60	10
8708970	<b>99 10-2</b>		120	10	2	61	10
8709190	<b>99 10-3</b>		120	10	3	63	10
8709350	<b>99 10-4</b>		120	10	4	65	10
8709510	<b>99 10-5</b>		120	10	5	63	10
8709780	<b>99 10-6</b>		120	10	6	67	10
8710520	<b>99 12-1</b>		120	12	1	84	10
8710790	<b>99 12-2</b>		120	12	2	85	10
8710950	<b>99 12-3</b>		120	12	3	88	10
8711170	<b>99 12-4</b>		120	12	4	86	10
8711330	<b>99 12-5</b>		120	12	5	91	10
8711410	<b>99 12-6</b>		120	12	6	94	10
8711680	<b>99 12-7</b>		120	12	7	96	10
8711760	<b>99 12-8</b>		120	12	8	99	10
8711840	<b>99 12-9</b>	*	120	12	9	105	10
8711920	<b>99 12-10</b>	*	120	12	10	103	10
8713890	<b>99 15-9</b>		150	12	9	132	10
8713970	<b>99 15-10</b>		150	12	10	136	10
8714430	<b>99 15-12</b>	*	150	14	12	181	10
8714940	<b>99 15-14</b>	*	150	16	14	238	10

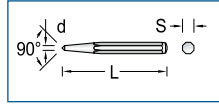




### 100

#### CENTRE PUNCH

- Acc. to DIN 7250
- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished
- \* not standardised



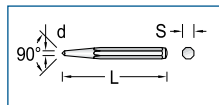
Code	No.	*	L	s	d	±	⊖
8721050	<b>100-10</b>		120	10	4	63	10
8721130	<b>100-12</b>		120	12	5	91	10
8721210	<b>100-15</b>		150	12	5	119	10
8721480	<b>100-16</b>	*	150	16	8	216	10



### 100 A

#### CENTRE PUNCH with carbide tip

- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7



Code	No.	L	s	d	±	⊖
8721720	<b>100 A-10</b>	120	10	4	63	10
1568396	<b>100 A-12</b>	130	12	4	89	10

### 101

#### AUTOMATIC CENTRE PUNCH with tip

- For one hand operation
- With spring mechanism
- Impact power can be set by a screw thread
- With hand protection for comfortable and safe working
- Spare tip E 101

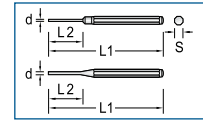
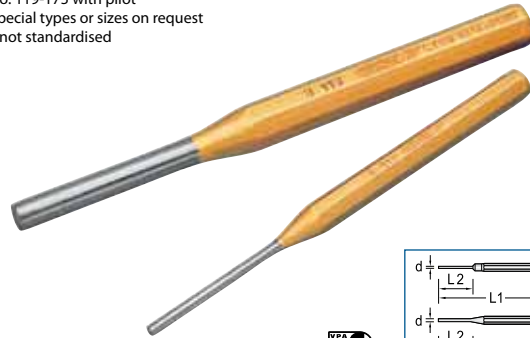


Code	No.	L	s	d	±	⊖
8722880	<b>101</b>	145	16	4	145	1
8870800	<b>E 101</b>			4	10	1

### 119

#### PIN PUNCH

- Acc. to DIN 6450
- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length
- Striking heads inductively tempered
- Working edge polished and clear varnished
- No. 119-175 with pilot
- Special types or sizes on request
- \* not standardised



Code	No.	*	L <sub>1</sub>	L <sub>2</sub>	d	s	±	⊖
2004658	<b>119-1,5</b>	*	150	30	1.5	8	61	10
8758640	<b>119-2</b>		150	30	2.0	10	70	10
8758720	<b>119-2,5</b>	*	150	30	2.5	10	69	10
8758800	<b>119-3</b>		150	40	3.0	10	71	10
8758990	<b>119-3,5</b>	*	150	40	3.5	10	72	10
8759020	<b>119-4</b>		150	50	4.0	10	61	10
8759290	<b>119-5</b>		150	50	5.0	10	68	10
8759370	<b>119-6</b>		150	50	6.0	10	73	10
8759450	<b>119-7</b>	*	150	50	7.0	12	103	10
8759530	<b>119-8</b>		150	50	8.0	12	109	10
8759610	<b>119-9</b>	*	150	50	9.0	12	115	10
8759880	<b>119-10</b>	*	150	50	10.0	12	123	10
8759960	<b>119-12</b>	*	150	50	12.0	14	170	10
8761350	<b>119-175</b>		175	85	6.0	10	70	10



### 114

#### PIN PUNCH with guide sleeve

- Driving point made from material 115CrV3, hardened 55-59 HRC
- Shank knurled
- Fine grinded and polished



Code	No.	L	d	±	⊖
8755460	<b>114-09</b>	80	0.9	6	10
8755540	<b>114-14</b>	85	1.4	12	10
8755620	<b>114-18</b>	88	1.8	12	10
8755700	<b>114-24</b>	92	2.4	18	10
8755890	<b>114-28</b>	96	2.8	20	10
8755970	<b>114-34</b>	96	3.4	26	10
8756000	<b>114-39</b>	100	3.9	26	10
8756190	<b>114-59</b>	100	5.9	32	10

### 115

#### PIN PUNCH SET 8 pieces

- In metal case with lid
- With guide sleeve
- Driving point made from material 115CrV3, hardened 55-59 HRC
- Shank knurled
- Fine grinded and polished



Code	No.	Contents	±	⊖
8756780	<b>115</b>	<b>114-09 -14 -18 -24 -28 -34 -39 -59</b>	350	1



**SETS**

**116 A - 116 L - 119 L**

**PIN PUNCH SET 6 pieces**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ 116 L / 119 L = long pattern



116 D



116



116 A



116 L



119 L



Code	No.	Execution	Contents	Weight	Units
8757240	<b>116</b>	wooden stand	<b>119</b> -3 -4 -5 -6 -7 -8	714	1
8758050	<b>116 D</b>	metal case with lid	<b>119</b> -3 -4 -5 -6 -7 -8	820	1
8757670	<b>116 A</b>	PVC holder	<b>119</b> -3 -4 -5 -6 -7 -8	530	1
8839990	<b>116 L</b>	PVC holder	<b>119</b> -2 -3 -5 -175 -175-4 -175-6	475	1
8866290	<b>119 L</b>	PVC holder	<b>119</b> -175-4 175-5 175-6 175-7 175-8 175-10	580	1

**113 - 113 D**

**DRIFT PUNCH SET 6 pieces**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished



Code	No.	Execution	Contents	Weight	Units
8753680	<b>113</b>	PVC holder	<b>99</b> 10-1 2 3 <b>99</b> 12-4 5 <b>100</b> -10	460	1
8754060	<b>113 D</b>	metal case with lid	<b>99</b> 10-1 2 3 <b>99</b> 12-4 5 <b>100</b> -10	755	1

**106 - 106 D**

**CHISEL AND PUNCH SET 6 pieces**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished



Code	No.	Execution	Contents	Weight	Units
8725200	<b>106</b>	PVC holder	<b>97</b> -125 150 <b>98</b> -125 <b>99</b> 12-3 <b>100</b> -10 <b>119</b> -4	525	1
8725710	<b>106 D</b>	Metal case with lid	<b>97</b> -125 150 <b>98</b> -125 <b>99</b> 12-3 <b>100</b> -10 <b>119</b> -4	805	1

**102**

**CHISEL AND PUNCH SET 6 pieces**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ In wooden stand

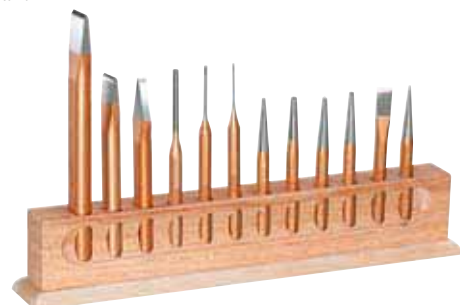


Code	No.	Contents	Weight	Units
8723340	<b>102</b>	<b>97</b> -125 150 <b>98</b> -125 <b>99</b> 12-3 <b>100</b> -10 <b>119</b> -4	695	1

**107**

**CHISEL AND PUNCH SET 12 pieces**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished
- ▶ In wooden stand



Code	No.	Contents	Weight	Units
8726440	<b>107</b>	<b>95</b> -150 200 <b>96</b> -150 <b>97</b> -125 <b>99</b> 10-2 3 4 5 <b>100</b> -10 <b>119</b> -2 3 5	2075	1

**MERCHANDISER****1130****MERCHANDISER FOR STRIKING TOOLS 130 pieces**

- Tools made from chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Merchandiser made from sheet metal



Code	No.	Contents		
8901970	<b>1130</b>	10 pieces each 119-2 3 4 5 6 7 8 99 10-2 3 4 5 100-10 12	13.3	1

**1190****CHISEL MERCHANDISER 90 pieces**

- Chisels made from chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Working edge polished and clear varnished
- Merchandiser made from sheet metal, blue-grey varnished



Code	No.	Contents		
8913040	<b>1190</b>	10 pieces each 95-200 -250 103-60 104 109-300 110-316 111-316 112 A-250 112-2508	40.2	1

**1132****CHISEL MERCHANDISER 132 pieces**

- Merchandiser for counter and wall display
- Assortment of best selling articles
- Made from acrylic sheeting, colour printed
- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Working edge polished and clear varnished



Code	No.	Contents		
8779800	<b>1132</b>	6 pieces each 95-150 200 250 300 96-150 200 99 10-2 3 4 5 99 12-6 8 100-10 12 119-2 3 4 5 6 7 8 104	24.0	1

**3200****CHISEL MERCHANDISER 320 pieces**

- Particularly suitable on a display wall
- Assortment of best selling articles
- Chisels made from chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Working edge polished and clear varnished
- Merchandiser made from sheet metal



Code	No.	Contents		
8604840	<b>3200</b>	10 pieces each 95-150 175 200 250 96-175 99 10-2 3 4 100-12 15 104 109-250 300 350 400 110-256 316 418 111-256 316 418 112-2006 2508 2512 112 A-300 119-2 3 4 5 202-100 203-100 5 pieces each 103-60 80	99.0	1





**VARIOUS**

**206**

**TILER'S SETTING TOOL**

- ▶ Chrome-vanadium steel 59CrV4
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ Working edge polished and clear varnished



Code	No.	l=mm=	mm		
8880600	<b>206-150</b>	150	8	70	10

**90 HS**

**RIVET SETTER octagonal**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7, zinc-plated
- ▶ Carefully hardened and tempered along the full length
- ▶ Striking heads inductively tempered
- ▶ With black protective hand guard for safe comfortable working
- ▶ DBGM (= German Utility Patent)

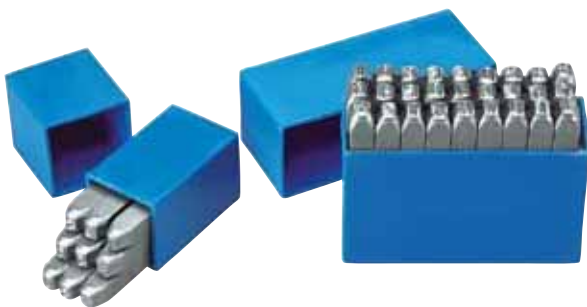


Code	No.	L	s		
8885830	<b>90 HS-4</b>	160	18	488	1
8886130	<b>90 HS-6</b>	160	18	488	1

**2200 - 2201**

**LETTER AND NUMBER PUNCHES**

- ▶ To label finished parts such as signs, tools, etc.
- ▶ Made from hardened steel with hardened handle and tempered striking head
- ▶ In blue plastic box
- ▶ No. 2200 = 9 numbers, 6 mm printing height
- ▶ No. 2201 = 27 letters, 6 mm printing height



Code	No.	l=mm=	mm		
8605140	<b>2200-6</b>	70	9	415	1
8605220	<b>2201-6</b>	70	9	1240	1

**208**

**CARBIDE SCRIBER hexagonal**



Code	No.	l=mm=	mm		
8881680	<b>208-150</b>	150	6	40	10

**126**

**RIVETTING SETTER**

- ▶ Acc. to DIN 6434
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Working edge polished and clear varnished

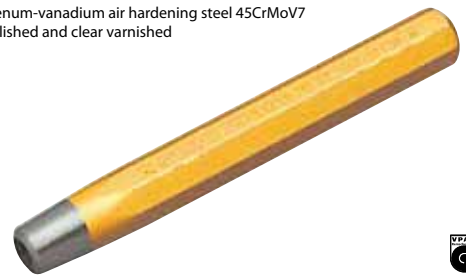


		for rivet shaft						
Code	No.	Ø mm	internal Ø	L	s			
8774090	<b>126-2</b>	2	2.5	100	10	63	10	
8774170	<b>126-3</b>	3	3.5	100	10	61	10	
8774250	<b>126-4</b>	4	4.5	100	12	81	10	
8774330	<b>126-5</b>	5	6.0	110	12	132	10	
8774410	<b>126-6</b>	6	7.0	110	14	130	10	
8774680	<b>126-8</b>	8	9.0	120	16	185	10	

**127**

**RIVETTING SNAP DIE**

- ▶ Acc. to DIN 6435
- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Working edge polished and clear varnished



		for rivet shaft						
Code	No.	Ø mm	internal Ø	L	s			
8775060	<b>127-2</b>	2	3.5	100	10	62	10	
8775140	<b>127-3</b>	3	5.2	100	10	63	10	
8775220	<b>127-4</b>	4	7.0	100	12	90	10	
8775300	<b>127-5</b>	5	8.8	110	14	133	10	
8775490	<b>127-6</b>	6	10.5	110	16	173	10	
8775570	<b>127-8</b>	8	14.0	120	20	326	10	

**125 B**

**SET OF RIVETTING SETTERS AND SNAP DIES 6 pieces**

- ▶ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ▶ Hardened in accordance with the technical specifications for striking tools to DIN 7255
- ▶ Working edge polished and clear varnished
- ▶ In PVC holder



Code	No.	Contents		
8773600	<b>125 B</b>	<b>126-2 3 4</b> <b>127-2 3 4</b>	470	1



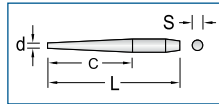


## BENDING BARS / PRYBARS

135

### SETTING PUNCH

- Chrome-vanadium steel 59CrV4
- Hardened and tempered along the full length
- Special sizes available on request

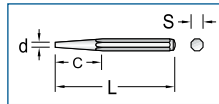


Code	No.	L	c	d	s	mm	mm
8782350	<b>135-5</b>	180	110	5	12	110	1
8782430	<b>135-6</b>	200	120	6	13	150	1
8782510	<b>135-8</b>	200	130	8	16	225	1
8782780	<b>135-9</b>	200	130	9	20	340	1
8782860	<b>135-10</b>	230	140	10	22	490	1
8782940	<b>135-11</b>	250	155	11	25	620	1
8783080	<b>135-12</b>	280	170	12	27	890	1
8783160	<b>135-14</b>	315	190	14	30	1250	1
8783240	<b>135-15</b>	340	200	15	32	1570	1
8783320	<b>135-16</b>	380	220	16	36	2190	1

136

### TAPER PUNCH octagonal

- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length

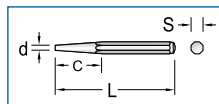
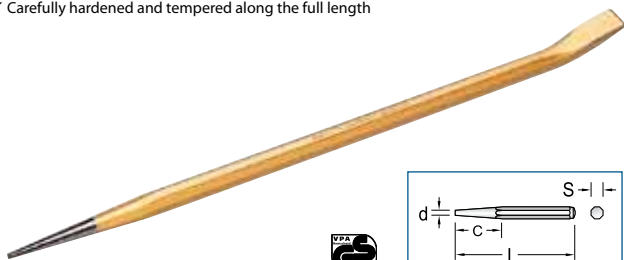


Code	No.	L	c	d	s	mm	mm
8783400	<b>136-500</b>	500	170	5	20	1050	1

137

### BENDING BAR

- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- Carefully hardened and tempered along the full length



Code	No.	L	c	d	s	mm	mm
8783590	<b>137-600</b>	600	120	5	20	1305	1

138

### BENDING TOOL

- Chrome-vanadium air hardening steel 59CrV4, nickel-plated
- Carefully hardened and tempered along the full length



Code	No.	mm	mm	mm
1396609	<b>138-400</b>	400	645	1

139

### PRYBAR

- Chrome-vanadium steel 31CrV3, nickel-plated



Code	No.	mm	mm	mm
1396595	<b>139-400</b>	400	480	1

140

### UNIVERSAL PRYBAR

- Made from special steel, hardened
- Cutting edge polished
- With three nail pullers



Code	No.	mm	mm	mm
8894310	<b>140-380</b>	380	650	1

141

### PRYBAR

- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7, chromated
- Hardened along the full length
- With plastic handle
- Very robust and resilient



Code	No.	mm	mm	mm	mm	mm
1471945	<b>141-300</b>	300	11	10	230	1
1471937	<b>141-390</b>	390	13	12	390	1
1471929	<b>141-600</b>	600	20	14	785	1

S 141-3

### PRYBAR SET 3 pieces

- Chrome-molybdenum-vanadium air hardening steel 45CrMoV7, chromated
- Hardened along the full length
- With plastic handle
- Very robust and resilient
- Packed in cardboard box



Code	No.	Contents	mm	mm
1525476	<b>S 141-3</b>	<b>141-300 390 600</b>	1474	1

142

### ALUMINIUM PRYBAR

- Forged of high-class aluminium
- Extremely light and very robust
- For universal use - with pry and tip
- Sensitive parts can be levered gently



Code	No.	mm	mm	mm
1859188	<b>142-430</b>	430	405	1

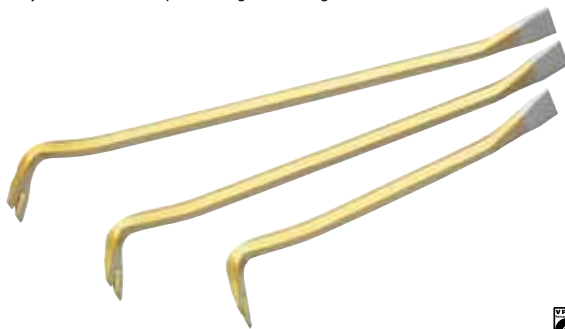


**NAIL LIFTER / CROWBARS**

**120**

**WRECKING BAR octagonal**

- ✔ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ✔ Carefully hardened and tempered along the full length



Code	No.	l-mm	octagonal	mm	kg
8769330	<b>120-350</b>	350	18	840	1
8769410	<b>120-500</b>	500	18	1150	1
8769680	<b>120-600</b>	600	18	1355	1
8769760	<b>120-700</b>	700	18	1550	1
8769840	<b>120-800</b>	800	18	1770	1
8769920	<b>120-1000</b>	1000	18	2175	1

**121**

**NAIL LIFTER octagonal**

- ✔ For lifting very long nails
- ✔ No underlay aids are necessary because of the ratchet function
- ✔ Chrome-molybdenum-vanadium air hardening steel 45CrMoV7
- ✔ Carefully hardened and tempered along the full length



Code	No.	l-mm	octagonal	mm	kg
8577930	<b>121-600</b>	600	18	1665	1

**122**

**CROWBAR**

- ✔ With straight cutting edge and point



Code	No.	l-mm	Ø	mm	kg
8770500	<b>122-1000</b>	1000	30	5.3	1
8770690	<b>122-1250</b>	1250	30	6.9	1
8770770	<b>122-1500</b>	1500	30	8.3	1
8852580	<b>122-2000</b>	2000	30	11.0	1

**123**

**CROWBAR**

- ✔ With curved cutting edge and point



Code	No.	l-mm	Ø	mm	kg
8771230	<b>123-1000</b>	1000	30	5.3	1
8771310	<b>123-1250</b>	1250	30	6.9	1
8771580	<b>123-1500</b>	1500	30	8.3	1
8852660	<b>123-2000</b>	2000	30	11.0	1

**124**

**CROWBAR**

- ✔ With claw and point



Code	No.	l-mm	Ø	mm	kg
8772040	<b>124-1000</b>	1000	30	5.2	1
8772120	<b>124-1250</b>	1250	30	6.9	1
8772200	<b>124-1500</b>	1500	30	8.3	1
8852740	<b>124-2000</b>	2000	30	11.0	1

**150**

**CROWBAR**

- ✔ Heavy-duty model, edged
- ✔ With curved cutting edge and point



Code	No.	l-mm	mm	kg
8823990	<b>150-1000</b>	1000	4.6	1
8824020	<b>150-1250</b>	1250	6.7	1
8824100	<b>150-1500</b>	1500	8.1	1
8824450	<b>150-2000</b>	2000	13.6	1

**151**

**CROWBAR**

- ✔ Heavy-duty model
- ✔ With round head and cutting edge



Code	No.	l-mm	Ø	mm	kg
8824530	<b>151-1000</b>	1000	30	5.7	1
8824610	<b>151-1250</b>	1250	30	7.1	1
8824880	<b>151-1500</b>	1500	30	8.4	1

**152**

**CROWBAR**

- ✔ Heavy-duty model
- ✔ With round head and point



Code	No.	l-mm	Ø	mm	kg
8824960	<b>152-1000</b>	1000	30	5.8	1
8825180	<b>152-1250</b>	1250	30	7.1	1
8825260	<b>152-1500</b>	1500	30	8.4	1





# FORESTRY AND CARPENTER'S TOOLS

Out of the forge ...  
... and into the forest



1 The forged blanks are sawn off from rolled C60 tempering steel.



2 The red-hot blank is shaped on a forging press and the hole is made for the eye. Excess burring is removed.



3 The glowing blade is beaten out on the forging roll.



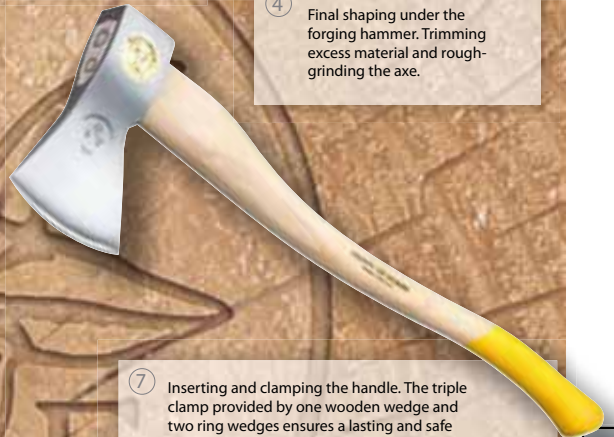
4 Final shaping under the forging hammer. Trimming excess material and rough-grinding the axe.



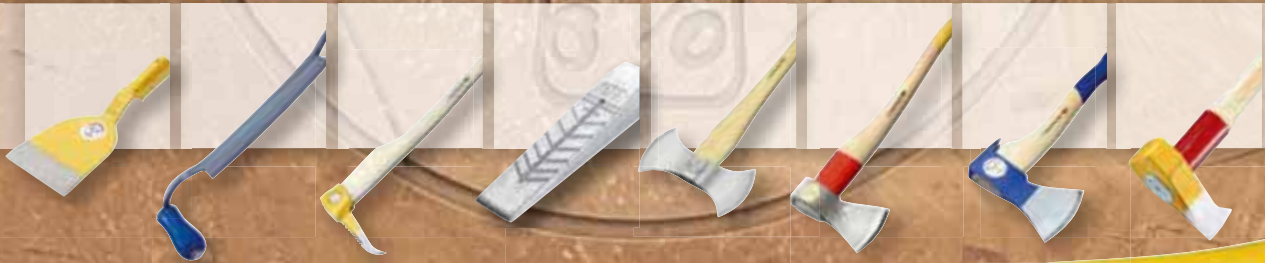
5 Permanent marking by means of a stamp bearing the manufacturer's symbol. Tempering (hardening and tempering) the cutting edge ensures hardness and toughness.



6 Sand-blasting the surface. Fine-grinding the cutting edge. A crowned cut increases stability. Transparent varnish protects the axe head from corrosion.



7 Inserting and clamping the handle. The triple clamp provided by one wooden wedge and two ring wedges ensures a lasting and safe connection.



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