# 54000 - 54002

# Machinist's hammer DIN 1041

54000 201-209

Design

ATORI

With nylon handle protection sleeve.

Double curved hickory handle, ring wedged.

### Design

Smoothed on all sides, painted black, plain work surfaces.

### Note:

For protective covers, see art. no. 54016.

## 54000 102-110 **{ }**

Desian

Double curved hickory handle.

		Hickory handle	Hic	kory handle		Ash handle	
Weight without handle g	Handle length approx. mm	54000		54000		54002	
200	280		102		201		102
300	300		103		202		103
400	310				203		
500	320		105		204		105
600	330				205		
800	350		107		206		107
1000	360		108		207		108
1500	380		109		208		109
2000	400		110		209		110

# 54008

ATOR/

therefore gentle on the joints

- Ergonomic, indestructible, vibration-free:

- High-safety handle, patented, fixed in place

approx. mm

300

320

360

Weight Handle length

- Hammer head with forged collar, patented model,

made of high-grade steel in accordance with the

54008

Design

**DIN** standards

mechanically

w/o handle g

# Machinist's hammer DIN 1041

101

102

103

### - Three-component composition:

- 1) Wedge made of steel for mechanical locking 2) Aluminium alloy core with outstanding mechanical
- criteria 3) Polyamide component also resistant to oil and solvents
- 4) Handle and protective sleeve made of thermoplastic, non-slip rubber for a secure grip

### Note:

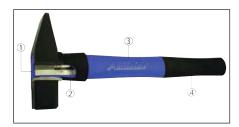
For protective covers, see art. no. 54016.

Weight w/o handle g	Handle length approx. mm	54008	
1500	360		104
2000	400		105









# 54003 - 54007

300

500

1000

# 

### Design

Hammer head in accordance with DIN 1041. Die forged, precisely smoothed, carefully hardened and properly tempered, peen and face finely smoothed. Double curved hickory handle. Quality

Handle length

approx. mm 260

280

300

310

320

330

350

360

370

400

54003

101

102

103

104

105

106

107

108

109

110

Steel C 45 in accordance with DIN 17200.

### Note:

For protective covers, see art. no. 54016.

# 54003

Weight without

handle g

100 200

300

400

500

600

800

1000

1500

2000

Design Without shock protection sleeve.

### 54005

Machinist's hammer DIN 1041

### Desian

With nickel-plated shock protection sleeve firmly pressed into the hammer head.

### 54007 Model INDU

Shock protection sleeve

54005

### Design

With impact head lock through electro-inductively tempered edge zone of the hammer face and peen, non-slip hickory handle and nickel-plated shock protection sleeve.

103

105

107

108

109

110

INDU

54007

103

105

107

108

109

110



54.1

# 54009 - 54015 Machinist's hammer DIN 1041

# 

**Design** Smoothed on all sides, painted black, plain work surfaces.

# 54009

Design

With unbreakable **ULTRAMID** plastic handle, safety wedging and permanently fixed handle fit.

force transfer to the workpiece. Effortless work that's

gentle on the joints due to low vibrations on impact. Handle protection sleeve with rubber coating to absorb mishits. Die-forged hammer head made of

special high-quality steel with bare smoothed peen

### 54015 Design

With **ULTRATEC** 3-component fibreglass handle, unbreakable fibreglass core. Handle inseparably connected with the hammer body. Non-slip elastomer grip layer. Polypropylene base layer.

### Note:

For protective covers, see art. no. 54016.



		ULTRAMID		ULTRATEC	
Weight without handle	Handle length	54009		54015	
g	approx. mm				
200	280		101		101
300	300		102		102
500	320		103		103
800	350		104		104
1000	360		105		105

# 54020

# 

MAXXCRAFT

Design Noticeable recoil dampening and thus full impact

Machinist's hammer DIN 1041

and face as well as proper chamfering. Hammer face and peen carefully hardened and tempered. The special connection between the hammer head and handle sleeve creates an inseparable, low-vibration unit.

Ergonomically shaped hickory handle.

### Note:

For protective covers, see art. no. 54016.

Weight without handle g	Length mm	54020	
300	300		101
500	320		102
800	350		103
1000	360		104





### 54016

### Protective covers

### Design

54071

Design

Made of polyurethane.

### Applications

For use as a soft-face hammer for machinist's hammers in accordance with **DIN 1041** (art. no. 54000-54020).

For hammer weight	54016	
g		
300		101
500		102
800		103
1000		104



54071

54071 - 54073

Ash, straight, premium quality, DIN 5111.

# Replacement handles for machinist's hammers

### 54073 Design

Hickory, double curved, premium quality, DIN 5111.







**H** M

# 54075 - 54077 Replacement handles for machinist's hammers

# PEDDINGHAUS

54075 Design Hickory, double curved, premium quality. Complete with tapered sleeve. Applications For hammers with shock protection sleeve (art. no. 54005–54007).

### 54077 Design

High-quality **plastic ULTRAMID** with safety wedging for permanent, fixed fit, complete with wedge and pin. **Applications** 

For all hammers according to DIN 1041.



			Hickory	ULTRAMID
For hammer weight	Handle length	Handle end	54075	54077
g	approx. mm	mm		
200	280	19/11		
300	300	21/12		
400/500	320	26/15	104	
800	350	29/17	106	
1000	360	31/18	107	
1500	380	33/20	108	
2000	400	37/22	109	

# 54048 - 54055 Mallets

Design Painted black, plain work surfaces.

54048 ###

Design DIN 6475. With curved ash handle,

secure ring wedge.

### 54053 Ombodies Design

With **ULTRATEC** 3-component fibreglass handle, unbreakable fibreglass core. Non-slip elastomer grip layer. Polypropylene base layer. 54053 101-104 Design DIN 6475. Handle inseparably connected with the hammer body.

### 54053 105-107 Design

Secure hold due to conical force fit.

54055 ©mab

Design DIN 6475. With steel tube handle and plastic grip, painted black.





54053 105-107

		<b>H M</b>		Ömeb		Omeb	
Weight without handle kg	Handle length approx. mm	54048		54053		54055	
1.00	250		101		101		101
1.25	260		102		102		102
1.50	270		103		103		
2.00	280		104		104		
3.00	900				105		
5.00	900				107		



### 54087 - 54089

54087 Design Ash, curved, premium quality, DIN 5135.

Replaceme	nt handles	for n	nallet	ts	
	54089				
	Design				
DINIEKOE					

Design Hickory, curved, premium quality, DIN 5135.

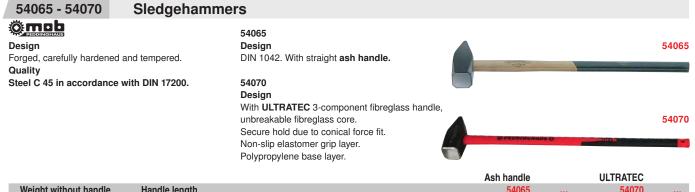
			Ash		Hickory	
For mallet weight kg	Handle length approx.mm	Handle end mm	54087		54089	
1-1.25	260	31/18		101		101
1.50	280	33/20		102		102
2.00	300	37/22		103		103

54087

54089

54.3

| HEM



Weight without handle	Handle length	54065	54070
kg	approx. mm		
3	600	102	
4	600	103	
5	800	104	
6	800	105	
8	900	106	
10	900	107	
3	900		102
4	900		103
5	900		104

54081 - 54083	Replacement handles for sledgehammers
54081	54083

5408154083DesignDesignAsh, straight, premium quality, DIN 5112.Hickory, straight, premium quality, DIN 5112.		5408					
Note: Art. no. 54081 101, curve	ed.				1000		54083
For hammer weight	Handle length	Handle end		Ash 54081		Hickory 54083	
kg	approx. mm	mm					
3 - 4	600	42/24			101		101
5 - 6	800	48/48			102		102
8 - 10	900	52/32			103		103

### 54095

# Safety handle wedges (S-FIX claw wedges)

Design

Inseparable connection between the tool and the handle. Anchorage through locking into wood.

### Increased expansion effect thanks to innovative clip bars. Drive the wedge diagonally into the handle without pre-sawing.

Size	Width mm	For hammer weight approx. g		54095	
00	13	100-200	10 pieces		201
0	16	250-400	10 pieces		202
1	20	500-800	10 pieces		203
2	23	1000-1500	10 pieces		204
3	26	1750-2000	10 pieces		205
4	29	3000-5000	10 pieces		206
5	32	Axes, hatchets	10 pieces		207
5.1/2	40	Axes, hatchets	10 pieces		208
6	50	Axes, hatchets	10 pieces		209



54095

HIN

#### 54104 Light metal hammer

### Design

Cylindrical, with double curved hickory handle and cross-pin as an additional handle safety device.

### Applications

For beating and dent-removal work and for straightening workpieces.



Striking surface Ø mm	Head length approx. mm	Weight approx. g	54104	
40	75	250		201
40	105	350		202
50	92	500		203
60	98	750		204
60	128	1000		205

### 54118 - 54120 Copper hammers made of E-Cu

### Design

- Similar to DIN 5130

54120 Design

- Fully smoothed

- Double curved hickory handle
- Made of drawn rod material - Square
- Ground **Brinell hardness** 54118 54120 Weight approx. g 80 - 110 200 250 500 80 - 110 201 750 80 - 110 202 1000 80 - 110 203 1500 80 - 110 204 2000 80 - 110 205 2500 60 - 80 206 3000 60 - 80 207 4000 60 - 80 208 5000 60 - 80 209



# Copper hammers with three-component safety handle

## Design

- Copper hammer with three-component safety handle and handle protection sleeve
- Gripping surface with rubber edging for a secure
- hold and to minimise the risk of injury
- Three-component safety handle with aluminium core, polyamide and rubber components, especially vibration-free and easy on the joints

Weight without handle	Handle length	54121	
g	mm		
500	300		101
750	320		102
1000	320		103
1500	360		104
2000	360		105

NEW

54130

# Wooden mallets DIN 7462/B

### Design

Hornbeam, with pressed-on metal sheath and oval ash handle.

Head Ø x head length mm	Weight approx. g	54130	
50 x 100	220		101
60 x 120	370		102
70 x 140	560		103
80 x 160	810		104
90 x 180	1100		105



54118 - 54120

54121



| HEM

# Soft-face hammers

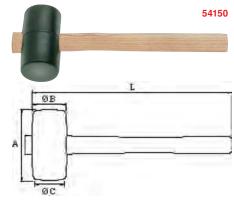
#### 54150 Rubber composition hammers DIN 5128-90

Design

With two flat faces and ash handle, Shore hardness approximately 95, with a powerful impact and little recoil.

ØВ	ØC	Α	L	Weight with handle	54150	
mm	mm	mm	mm	g		
40	35	75	280	250		101
50	50	90	300	350		102
60	60	110	330	550		103
70	70	120	380	750		104
90	90	130	380	1120		105

**Bumping hammers** 



Hand tools

# HAZET

Design With permanently plastic filler for gentle strokes.

54152 101

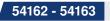
Desian Handle adjustable by 90°.

54152





Rubber body mm	Total length mm	54152	
70 x 70	260		100
70 x 140	280		101



ergonomic rubber grip

rebound-free work Applications

54162

Design

steel tube

**TT** ( ) ; ; }

- Hammer heads made from medium-hard polyuret-

hane, colourfast and wear-resistant, blue

- Housing made of powder-coated precision

- Hammer bodies filled with cast iron shot for

- Handle: welded, powder-coated steel tube with

Controlled position impacts, e.g. on workpieces in

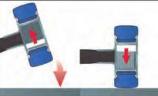
# **Recoil-free soft-face hammers**

### 54163

# Replacement hammer insert

# Design

- Medium-hard polyurethane
- Colourfast and wear-resistant
- Colour: blue





machine vices or during assembly tasks. Hammer Insert 54162 Head Ø 54163 mm 30 101 101 40 102 102 50 103 103

# 54161 <u>omob</u>

# **Recoil-free soft-face hammers**

Applications

Design Hammer body made of metal filled with steel balls, full plastic coating, particularly resistant to notching and impact-resistant thanks to the special plastic mixture. Temperature resistant from -20°C to +90°C.

Head Ø	Weight
mm	approx. g
30	270
35	385
45	620
50	860
60	1340

O resentative O	
	54161

For gentle treatment of materials.

54.6 HW www.hhw.de Fax order hotline: 0800 0 915910

= The specified prices are unit prices. Only sold in the specified P packing units. Always specify number of units in order information.

54161

# 54153 - 54158

# **Recoil-free soft-face hammers**

### 

### SUPERCRAFT Design

# The SUPERCRAFT principle:

The head tube of SUPERCRAFT hammers is filled with steel shot. This ensures that when the striking surface hits the workpiece, the shot filling follows with a delay. The reduced recoil means that the impact energy is utilised optimally. This allows for very powerful impacts. In addition, working with SUPERCRAFT hammers is significantly easier on the joints and quieter than with conventional steel hammers.

### Applications

Positioning and joining of workpieces in a vice, sheet metal machining, assembly of sharp-edged workpieces, assembly/repair work in the car/commercial vehicle sector, scaffolding, straightening, housing assembly, plant construction, maintenance work, service work

# 54153

## Design

Soft-face hammer with vibration-damping, ergonomically shaped and painted hickory handle.

### 54154

### Design

Soft-face hammer with unbreakable steel tube handle and ergonomically shaped, non-slip grip.

### 54155 Design

Soft-face hammer with ergonomically shaped, nonslip and shatter-proof three-component handle.

# 54156

Hammer inserts made of special nylon Design

#### - Interchangeable

- Very wear-resistant
- No splintering
- Low noise
- For very high impact force

# 54158

### Hickory handle Design

- Ergonomically shaped
- Painted
- Very solid





54156

HICKNY

54158

N.	12		
1			
1.			
Contraction Charter		STD A	



				Hi	ckory handle	Stee	el tube handle		3C handle	I	Nylon head	Re	placement ha	ndle
Head Ø x length mm	Total length mm	Weight 54153	approx. g 54154	art. no. 54155	54153		54154		54155		54156		54158	
20 x -	-	-	-	-								100		
25 x 105	305	325	385	-		101		101				101		101
30 x 110	330	460	585	-		102		102				102		102
35 x 110	335	560	690	-		103		103				103		102
40 x 115	360	715	805	790		104		104		204		104		103
50 x 120	370	990	1150	1040		105		105		205		105		103
60 x 145	370	1705	1750	1625		106		106		206		106		104
80 x 200	880	4410	-	-		107						107		105
100 x 210	1000	7050	-	-		108						108		106

# 54165

## 

SECURAL

### Design

The specialist for corners and edges:

Due to its rectangular hammer inserts, SECURAL is the hammer specialist for working with corners and edges.

### Maximum recoil dampening:

Soft-face hammer

Replacement inserts (pair)

The ratio of the hammer head mass to the shot mass in conjunction with the springing properties of the striking surfaces is optimally aligned. The low overall weight of the hammer enables work that is particularly easy on the joints at extremely high impact force.

### Robust:

The housing, which is welded longitudinally, ensures an absolutely shatter-proof connection between the hammer and the handle.

Size

mm

40

30 x 40

Weight

700

approx. g

### Hammer insert made from polyurethane

- Interchangeable
- Rectangular

Recoil-free soft-face hammer

- Low noise
- Dampening - Robust

# Applications

Sheet metal machining, positioning and joining of workpieces, repair work. For versatile application possibilities with high safety requirements.

54165

101

102



54165 102



54.7

HIM

Weight

360

510

940

approx. g 215



Hammer

54169

101

102

103

104

**Replacement heads** 

54169

29	
0	
_	
3	
-	

#### **Plastic/nylon hammers** 54172 - 54173

**Total length** 

approx. mm

270

280

325

340

### Design

- Polished ash handle - Interchangeable hammer heads

Head Ø x

25 x 86

30 x 95

40 x 107

50 x 115

Head length mm

- Impact-resistant

## Applications

For gentle assembly work and sheet metal deformation.

54172 200-206 Design

- Hammer heads made of transparent cellulose acetate (red)

### 54172 207

Design - Hammer heads made of nylon

54173 **Replacement heads** - Pairs



201

202

203

204

Replacement handles

54169

301

301

302

302



54173 200-206



				Hammer	Replac	ement heads (pair)	
Heads made of	Head Ø mm	Length mm	Weight g	54172		54173	
plastic	22	250	144		200		200
plastic	27	270	227		201		201
plastic	32	280	310		202		202
plastic	35	290	410		203		203
plastic	40	320	544		204		204
plastic	50	340	800		205		205
plastic	60	370	1400		206		206
nvlon	50	340	800		207		207



# **Plastic hammers**

# **BAHCO**

### Design

54175

Design Inserts, blue.

Applications

For normal use.

Centre piece made of malleable iron, with impact-resistant, interchangeable inserts (curved faces), handles made from hardwood. Resistant to almost all mineral oils, greases and solvents.

# 54177

54176

jump).

Design

Applications

Loose inserts Blue, 2 curved faces, in pairs.

### 54179 Loose inserts

Yellow, 2 curved faces, in pairs.





			Blue	Yellow	Blue insert	s Yellow ii	nserts
Head Ø x Head length mm	Total length approx. mm	Weight approx. g	54175	54176	5417	7	54179
22 x 80	260	160	101		101	101	101
27 x 90	280	230	102		102	102	102
32 x 100	300	325	103		103	103	103
35 x 106	320	415	104		104	104	104
40 x 112	340	570	105		105	105	105
50 x 120	360	920	106		106	106	106
60 x 125	380	1280	107		107	107	107

HIN

# 54180 - 54188

# Soft-face hammers

54183

Design

54184

Desian

grease

54186

Design

54188

Desian

- Two parts

- With clamping screw

- High-quality wooden handle

Applications

Applications

Soft-face hammer, complete

- High-quality wooden handle

Soft-face hammer, complete

- High-quality wooden handle

Two-part housing made of steel casting

hard, dampening, odour-neutral, low wear

of tents, gardening/landscaping, paving work, setting kerbstones, setting masonry/stairs, fencing,

construction of prefabricated houses, carpentry.

- Plastic hammer insert: Tough, resistant to oil and

Universal use, assembly/repair/maintenance work,

sheet metal machining, construction of prefabricated

houses, carpentry, scaffolding, construction of tents.

- Two-part housing made of steel casting

- Rubber composition hammer insert: Medium-

Maintenance/repair work, scaffolding, construction

# 

### SIMPLEX Desian

- 5 sizes and 6 hammer inserts with different degrees of hardness (see art. no. 54190-54195) make the Simplex soft-face hammer suitable for universal use
- Clamp with a screw!
- No wedging!
- All inserts within a size can be combined as
- required - All parts subject to wear can be easily retrofitted at any time
- Interchangeable hammer inserts with different degrees of hardness allow individual adjustment to the workpiece

### 54180

### Soft-face hammer, complete Design

- Two-part housing made of steel casting
- High-quality wooden handle
- 2 different hammer inserts
- Rubber composition hammer insert: Mediumhard, dampening, odour-neutral, low wear
- Nylon hammer insert: Hard, very resistant to wear, no splintering, resistant to oil and grease

### Applications

Assembly of sharp-edged workpieces, housing assembly, plant construction, construction of commercial and industrial buildings, steel construction, trade fair construction, repair/maintenance work.

### 54181

### Soft-face hammer, complete Design

- Two-part housing made of steel casting
- High-quality wooden handle
- 2 different hammer inserts
- Rubber composition hammer insert: Mediumhard, dampening, odour-neutral, low wear
- Plastic hammer insert: Tough, resistant to oil and grease

### Applications

Assembly/repair work, dent-removal work, maintenance work, scaffolding, construction of tents, construction of prefabricated houses.

### 54182

### Soft-face hammer, complete Desian

- Two-part housing made of steel casting
- High-quality wooden handle
- 2 different hammer inserts
- Nylon hammer insert: Hard, very resistant to
- wear, no splintering, resistant to oil and grease
- Soft-metal hammer insert: Tough, heat-resistant Applications

eng/P

Mould making, plant construction, assembly/repair

WORK.				Rubber/nylon	Rul	ober/plastic	Nyl	on/soft meta	I	Rubber		Plastic	
Hammer insert Ø	Head	Hammer	Weight	54180		54181		54182		54183		54184	
mm	length mm	length mm	approx. g										
30	90	300	360		101		101		101		101		101
40	110	330	680		102		102		102		102		102
50	135	350	1265		103		103		103		103		103
60	145	405	1730		104		104		104		104		104
80	175	490	3480		105				105		105		

	Housing	Repla	cement handle		
For hammer insert Ø	54186		54188		
mm					-
30		301		101	
40		302		102	
50		303		103	
60		304		104	
80		305		105	









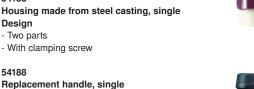




() = Items with prices in brackets partly available from stock

54.9

HW





				Hammer		Hammer insert		Housing	Repl	lacement handle	
Hammer insert Ø	Head length	Hammer length	Weight	54189		54189		54189		54189	
mm	mm	mm	approx. g								
30	90	300	590		101		201		301		401
40	110	330	1195		102		202		302		402

#### Hammer inserts for SIMPLEX soft-face hammers 54190 - 54195

# 

54190

Design - TPE-soft: Blue, soft, abrasion-free

### Applications

For very sensitive materials, gardening/landscaping, laying tiles/panels, setting natural stones, furniture construction, dry walling, window/door construction, carpentry.

#### 54191 Design

- Rubber composition: Black, medium-hard, dampening, odour-neutral, low wear

### Applications

Gardening/landscaping, paving work, setting kerbstones, setting masonry/stairs, fencing, scaffolding, construction of tents, construction of prefabricated houses, carpentry, maintenance/repair work.

# 54192

Design

- Plastic: Red, tough, resistant to oil and grease Applications

For universal use, in assembly/repair work in the car/commercial vehicle sector, maintenance work, sheet metal machining, construction of prefabricated houses, carpentry, scaffolding, construction of tents.

### 54193

### Desian

- Super plastic: White, medium-hard, very resistant, wear-resistant

### Applications

Gardening/landscaping, paving work, setting kerbstones, fencing, driving in splitting wedges, scaffolding, construction of tents, sheet metal machining, construction of prefabricated houses, joinery, carpentry, furniture construction.

### 54194

### Desian

- Nylon: White, hard, very resistant to wear, no splintering, resistant to oil and grease

### Applications

Joining of workpieces, assembly of sharp-edged workpieces, housing assembly, mould making, plant construction, construction of commercial and industrial buildings, steel construction, trade fair construction, sheet metal machining, repair/maintenance work.

#### 54195

Design

- Soft metal: Silver, hard, heat-resistant

### Applications

For high impact force, straightening, mould making, plant construction, assembly/repair/maintenance work.

	TPE-soft	R	ubber	Plastic	Sup	per plastic		Nylon		Soft metal	
Insert Ø	54190		54191	54192		54193		54194		54195	
mm											
30		101	101		101		101		101		101
40		102	102		102		102		102		102
50		103	103		103		103		103		103
60		104	104		104		104		104		104
80			105				105		105		105



HW

www.hhw.de Fax order hotline: 0800 0 915910

Hand

tool

# 54197

# 

# FERROPLEX

# Design

- Machinist's hammers and soft-face hammers in one

- With steel tube handle

Head Ø x head length

54198

- Ergonomically shaped rubber grip
- Hammer head made of high-quality heat-treated steel, inductively hardened on one side, opposite side with interchangeable, very wear-resistant and low-noise nylon hammer insert

mm 30 x 104 Total length

approx. mm

290

### Applications

54198 101-107

Beaters

Design

Note:

- Recoil-free

Applications

General assembly work in industry, trade and automotive sector, servicing and maintenance work.

Joining of workpieces, housing assembly, assem-

repair/maintenance work, for limited accessibility.

For replacement nylon heads, see art. no. 54156.

bly/repair work in the car/commercial vehicle sector,

54197

101

### Note:

Soft-face hammer 2 in 1

Weight

600

approx. g

**Drifts and beaters** 

For replacement nylon heads, see art. no. 54156 102.





### 54198 201-203

54198 101-107

# 

### Design

- Nylon hammer inserts: Hard, very resistant to wear, no splintering, resistant to oil and grease Applications

The little helpers for particularly gentle straightening and assembly work with precisely controlled impact effect.

54198 201-203 Drifts

Design - Not recoil-free

Applications

Assembly/repair work in the car/commercial vehicle

sector, repair/maintenance work, for limited accessibility.

Туре	Head Ø	Total length	Weight	54198
	mm	mm	g	
Drift	10	168	90	201
Drift	12	170	130	202
Drift	15	175	200	203
Beater	20	150	215	101
Beater	30	155	470	103
Beater	40	160	785	105
Beater	50	165	1250	107

Roofer's hammer with magnet



54200

# PEDDINGHAUS XSTRIKER

# Design

- Professional model: - TÜV/GS head-securing device
- Magnetic nail holder
- Reinforced steel ring
- Special plastic handle
- XSTRIKER design

# 54200 202 Design

54200 201

Design

Polished hammer head.

Part-polished hammer head.

The balanced weight distribution and the special ergonomics of the handle ensure excellent handling.









54.11

HIM

# **Centre punch**

#### 54295 Centre punch and drift set **K N** Quality 54295 Design Chrome-vanadium air-hardening steel. Octagonal, painted shafts, safety zone thanks to electro-inductive special hardening Set contents: 1 centre punch DIN 7250, 120 x 10 x 4 mm 5 drifts DIN 6458, 120 x 10 x 2-6 mm Dimensions = total length x shaft Ø x tip Ø 54295 Set contents Design 6 pieces in sheet-metal box 101 54297 Striking tool assortment 3 FACOM Applications Design For work on all axis types, shafts, pins, bearings. 54297 Coated, low-vibration and shock-absorbing comfort Ideal for cardan shaft, gears. handle with replaceable inserts made of three For removal, refitting and securing of materials: Brass, polyamide, aluminium. The plug-in workpieces: system enables a targeted selection of the degree of Brass inserts: Hardness HV.155 (430-500 N/mm<sup>2</sup>) hardness to exclude damage to the workpieces. Assembly with screw thread M10. Polyamide inserts: The impacts are dampened by the insert collar, Shore hardness 85D Aluminium inserts: the thread is protected. 370 N/mm<sup>2</sup> Set contents: Ømm Effective length mm 1 **Comfort handle Brass inserts** 12/16/20 40 3 3 **Polyamide inserts** 12/16/20 40 5 Aluminium inserts 10/12/14/16/18 60 100 1 Extension Brass inserts for extension 3 12/16/18 20 Polyamide inserts for extension 12/16/18 20 3 54297 Set contents Design 19 pieces In plastic case 101 54300 Mechanic's centre punch **# N** Quality 54300 Design Steel, hardened. Knurled shaft. Shaft Ø **Total length** 54300 mm mm 101 100 8 54303 Centre punch with a cemented carbide tip **K N** 54303 Design Hexagonal, with cemented carbide tip, can be sharpened. U PORTER FALLE Shaft Ø Total length 54303 mm mm 101 12 120 Centre punch DIN 7250 54305 - 54306 54306 BAHCO 54305 54305 H N Design Design Octagonal, forged, tempered hammer head, Octagonal, bright nickel-plated, painted shaft, safety zone thanks to electrowith plastic hand protection. 54306 inductive special hardening. Quality Vanadium extra steel. Quality Chrome-vanadium air-hardening steel. BAHCO # W Tip Ø Shaft Ø **Total length** 54305 54306 mm mm mm 100 101 3 8 120 4 10 201 102 5 12 120 202

54.12

HIM

150

12

103

eng/P

# Centre punch with hand protection DIN 7250

# **H H**

### Design

With ergonomically shaped handle and extensive hand protection. Octagonal, forged, tempered

Shaft Ø

mm

10

10

hammer head, painted shaft, safety zone thanks to electro-inductive special hardening. Quality

54308

### Chrome-vanadium air-hardening steel.



# 54309

30 FACOM

Tip Ø

mm

4

5

54308

# 150 Centre punch with handle

mm

120

Total length

Gripping comfort and shock-absorbing properties result in high precision and more strength.

Design Dampening handle, very easy to grip and ergonomic, with finger protection, resistant to temperature

fluctuations. The head is hardened to 43 HRc to prevent splintering. The tip is hardened to 58 HRc.

Tip Ø	Shaft Ø	Total length	54309	
mm	mm	mm		
2.5	10	185		
4.0	10	185		
6.0	10	185		
8.0	12	185		
10.0	14	185		

### 54314 - 54315

### Design

## Automatic centre punches

# - Automatic

- Precision design
- Interchangeable hardened tip
- Adjustable impact force
- End no. 202-204, with 2-component hand protection Applications For single-hand operation.

### Quality

## Nickel-plated steel.

### Note:

The impact force increases with the size of the centre punch. We therefore recommend selecting the length according to the given application.

54014 202	
Applications	
Longth 05 mm	- fo

5/31/ 202

Length 95 mm = for fine marks on steel, non-ferrous metals and plastic.

54314 203 Applications Length 125 mm = for highly visible grain on steel and non-ferrous metals.

# 54314 204+201

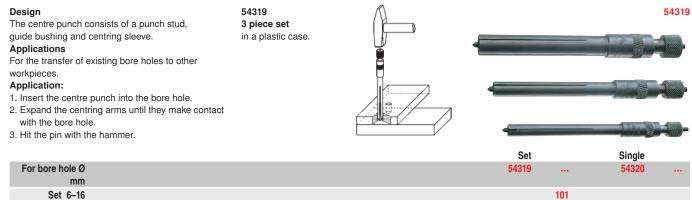
Applications Length 130 mm = for strong marks on tool steels and structural steels.

54315 Replacement tip

			rieplacement	. up		Centre punch	1	Replacement tip	
Tip Ø	Shaft Ø	Total length	Adjustable impact force	2-component	Weight	54314		54315	
mm	mm	mm	min./max. N	hand protection	g				
3.5	11	95	20/50	Х	55		202		
4.0	14	125	60/130	Х	95		203		
6.0	17	130	180/250	Х	140	:	204		
6.0	17	130	180/250	-	105		201		
6.0	-	-	-/-	-	-				201

# 54319 - 54320

# Adjustable centre punches



54308

54309



54315

54.13

101

102

103

6-8

8-11

11-16

# HIM

# Drifts | Pin punches

# 54321

# Drifts DIN 6458

# **H** N

### **Design** Octagonal, forged, tempered hammer head, painted shaft. Safety zone thanks to electroinductive special hardening.

Applications

For driving out rivets, bolts, etc.

Tip Ø mm	Shaft Ø mm	Total length mm	54321	Tip Ø mm	Shaft Ø mm	Total length mm	54321	
1	10	120	201	6	12	120		206
2	10	120	202	7	12	120		207
3	10	120	203	8	12	120		208
4	10	120	204	10	14	150		209
5	12	120	205	12	14	150		210

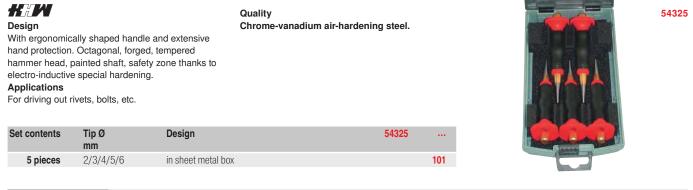
Chrome-vanadium air-hardening steel.

54325

# Drifts with hand protection DIN 6458 B

Quality

Quality



# 54327 Drifts DIN 6458

# BAHCO

Design

Octagonal, with plastic hand protection. Applications

For driving out rivets, bolts, etc.

Tip Ø	Shaft Ø	Total length	54327	Tip Ø	Shaft Ø	Total length	54327
mm	mm	mm		mm	mm	mm	
2	10	120	101	5	10	165	105
3	10	125	102	6	10	180	106
4	10	130	103	8	12	200	107

Vanadium-extra steel, nickel-plated.

54349

# Pin punch set DIN 6450 C

# **H**Design

Octagonal, tempered hammer head, shaft painted gold.

Quality Chromium-vanadium air-hardening steel, forged.





54321

54327

ena/P

www.hhw.de Fax order hotline: 0800 0 915910

HW

# Pin punch set

# **H** H

54347

Design Polished with coloured powder coating. Splinter-proof, robust and non-slip surface protection.

# Quality

Fully tempered, high alloy tool steel with increased hardness of more than 59 HRC.



Set contents	Tip Ø	Shaft Ø	Length	Design	54347	
	mm	mm	mm			
6 pieces	3/4/5/6/8/10	10	150	In plastic case		101

# Pin punch set

Quality Chrome-vanadium, air-hardened.

# HAZET Design

Octagonal, matt black.

54350

Set contents	Tip Ø mm	Length mm	Design	54350	
6 pieces	2/3/4/5/6/8	150	In plastic stand		101

# 54353

# Pin punch with hand protection DIN 6450

# H H

Desian With ergonomically shaped handle and extensive hand protection. Octagonal, tempered hammer head, shaft painted gold.

Quality Chromium-vanadium air-hardening steel, forged.

Set contents	Tip Ø mm	Design	54353	
5 pieces	2/3/4/5/6	In plastic case		101
5 pieces	8/10/12/14/16	In cardboard box		102

Tip Ø	Shaft Ø	Total length	54353	
mm	mm	mm		
2	10	150		201
3	10	150		202
4	10	150		203
5	10	150		204
6	10	150		205
8	10	150		206
8	14	225		207
10	14	240		208
12	14	260		209
14	18	275		210
16	18	290		211





# 54351 - 54352

# Pin punch with handle

# 30 FACOM

Set contents

7 pieces

### Design

Dampening handle, very easy to grip and ergonomic, with finger protection, resistant to temperature fluctuations. The head is hardened to 43 HRc to prevent splintering.

The tip is hardened to 58 HRc.

Gripping comfort and shock-absorbing properties result in high precision and more strength.

Tip Ø

mm

	54351
	Þ
	8
54351	

1.9/2.9/3.9/4.9/5.9/7.9/9.8

Tip Ø mm	Shaft Ø mm	Total length mm	54352	Tip Ø mm	Shaft Ø mm	Total length mm	54352
1.95	8	140	101	5.90	12	210	105
2.95	8	150	102	7.90	12	216	106
3.95	10	190	103	9.80	14	230	107
4.95	10	200	104				

54350

54.15

HIN

102

# Pin punches | Chisels

# Pin punch with guide sleeve in a set

# **H H**

54359

### Design

With knurled, nickel-plated guide sleeves. Applications

Attach the tip with the guide sleeve pushed completely forward. When the pin is driven in, the guide sleeve pushes back to provide continuous support for the tip.

### Quality Chromium-vanadium steel, high-gloss polished.

**Note:** Tips Ø 5.9 mm **without** guide sleeve.



Set conte	nts Tip Ø mm		Design	54359	
	11111				
8 pie	ces 0.9/1.4/1.8/	2.4/2.8/3.4/3.9/5.9	In sheet metal box		101

In sheet metal box

# Pin punch with guide sleeve in a set

# Desig

**BAHCO** 

(Chiling

**Design** Finely smoothed and polished drive points, with knurled, nickel-plated **guide sleeves.** 

54364

Applications Attach the tips with the guide sleeve pushed completely forward. When the pin is driven in, the guide sleeve pushes back to provide continuous support for the tip. Quality Vanadium-extra steel, nickel-plated and chrome-plated. Note:

Tips Ø 6.0 mm without guide sleeve.



Set contents	Tip Ø mm	Design	54364	
8 pieces	0.9/1.4/1.8/2.4/2.8/3.4/3.9/6.0	In plastic stand		101

54380

# Pin punch DIN 6450 C

# **K N**

Quality Chromium-vanadium air-hardening steel, forged.

Junu Soon Chi & Lutharter

Design	
Octagonal, tempered hammer head,	
shaft painted gold.	
<b>o</b> , 1	

Tip Ø	Shaft Ø	Total length	54380	Tip Ø	Shaft Ø	Total length	54380
mm	mm	mm		mm	mm	mm	
2	10	150	101	7	12	150	106
3	10	150	102	8	12	150	107
4	10	150	103	10	12	150	108
5	10	150	104	12	14	150	109
6	10	150	105				

54382

# Mechanic's pin punch

# **H X**

Design

Knurled shaft. Zinc-chromated.

Tip Ø mm	Shaft Ø mm	Total length mm	54382	Tip Ø mm	Shaft Ø mm	Total length mm	54382
2	6	105	102	6	10	125	106
3	8	110	103	7	10	130	107
4	8	115	104	8	12	135	108
5	8	120	105	9	12	140	109

# 54383

# Pin punch DIN 6450 D

BAHCO		
Design		

Quality Vanadium-extra steel, nickel-plated.



Octagonal, finely smoothed and polished drive points, with plastic hand protection.

Tip Ø	Shaft Ø	Total length	54383	Tip Ø	Shaft Ø	Total length	54383
mm	mm	mm		mm	mm	mm	
2	8	115	101	5	10	165	104
3	8	125	102	6	12	180	105
4	10	150	103	8	12	200	106



HW

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

54364

54359

54380

54382

#### 54385 - 54390 **Pin punch**

### Design

With knurled, nickel-plated guide sleeve.

Applications

Attach the tip with the guide sleeve pushed completely forward. When the pin is driven in, the guide sleeve pushes back to provide continuous support for the tip.

### Note:

Tip Ø 5.9 and 6.0 mm without guide sleeve.

54385
H M
Quality

Chromium-vanadium steel, zinc-chromated.

54385

54390

54592

54390 BAHCO Quality

Vanadium-extra steel, nickel-plated and chrome-	
plated.	

		<b>HFM</b>	BAHCO			<b>H:W</b>	ВАНСО	
Tip Ø	Total length	54385	54390	Tip Ø	Total length	54385	54390 .	
mm	approx. mm			mm	approx. mm			
0.9	75	101	101	3.4	95	106	10	<b>J</b> 6
1.4	85	102	102	3.9	100	107	10	<b>)7</b>
1.8	85	103	103	5.9	100	108		
2.4	90	104	104	6.0	100		10	08
2.8	95	105	105					

**Tool set** 

### H H

54592

Design

Safety zone thanks to electro-inductive special hardening. Tempered hammer head. Quality

Chromium-vanadium air-hardening steel, forged.

2 flat chisels 125/150 mm 1 cross-cut chisel 125 mm 1 centre punch 120 mm 2 drifts 2/3 mm



Set contents	Design 54592	
6 pieces	in sheet-metal box	101

#### 54601 Flat chisel DIN 6453

## K M Design

Quality

Set contents

Chrome-vanadium air-hardening steel.

54601

Flat-oval, forged, painted shaft, blade can be fully sharpened, tempered hammer head. Safety zone thanks to electro-inductive special hardening. Smoothed and painted blade.

Blade width	Shaft size	Total length	54601	Blade width	Shaft size	Total length	54601
mm	mm	mm		mm	mm	mm	
15	14 x 9	100	101	24	23 x 13	200	105
18	14 x 9	125	102	25	23 x 13	250	106
18	17 x 11	150	103	26	23 x 13	300	107
21	20 x 12	175	104				

54605 H H

# **Cross-cut chisel DIN 6451**

### Quality

Quality

Chrome-vanadium air-hardening steel.



Design Flat-oval, forged, painted shaft, blade can be fully sharpened, tempered hammer head. Safety zone thanks to electro-inductive special hardening. Smoothed and painted blade.

Blade width	Shaft size	Total length	54605	Blade width	Shaft size	Total length	54605	
mm	mm	mm		mm	mm	mm		
5.5	14 x 9	125	102	8.0	20 x 12	200		105
6.0	17 x 11	150	103	9.0	23 x 13	250		106
7.0	17 x 11	175	104	9.0	23 x 13	300		107

# 54620

# **Grooving chisel DIN 6455**

K N Design

Chrome-vanadium air-hardening steel

Octagonal, painted shaft, tempered hammer head.

on one-vanadian an-naraering steel.	ST COMPANY
	A STATE OF A

	54620
Sil Land and	H T
ISLOW III	- 4x150 Germany CrV

Blade width mm	Shaft Ø mm	Total length mm	54620	Blade width mm	Shaft Ø mm	Total length mm	54620	
3	10	150	102	5	10	150		104
4	10	150	103					

54.17

| H:M

54622	Paring	chisel (	parting chise	el)						
			Quality							546
Design	und algorange angle		Chrome-vanadiun	n air-hardening	steel.				Tradition Barrowskill Pro-	VINE
wo blades with all-rou Octagonal, painted sha	-		Note:					1 million	CALED MARKING ST	1.8
pplications	•		The shape of the tw			ation				
or removing webs be	ween bore holes.		or compressions or	n the workpiece						
Blade width	Shaft Ø	Total length			Blade widt			tal length	54622	
mm 2	<b>mm</b> 10	<b>mm</b> 125		101	m	m 4	<b>mm</b> 12	<b>mm</b> 150		103
3	10	125		102		5	12	150		103
54623	Slitting	g chisel v	with curved	working	end					
			Applications	•						546
Design			For mortising, parti	ng and slitting.						540
Vorking end curved			Quality						WILLS.	
afely because your ha Optimum cutting geom			Chromium-vanadi according to DIN		tempered	steel				
or slitting and partin	g. Inductively finish	ned	0							
ammer head. Blades Vorking end painted. S	•							Real Property in		
Shaft size	Total length				54623			No. of Concession, Name		~
mm	mm				54025			1/	AL.	
26 x 7	240					101	- 2	-		10
54624	Slitting	g chisel								
			Applications							546
Design			For metal work and	stone work.			0			
orged, tempered ham		ainted	Quality Chrome-vanadiun	n air-hardening	ı steel.		191			
Blade width	Shaft size	Total longth			54624					
mm	mm	Total length mm			54024					
26	26 x 7	240				102				
54625	Electri	cian's sl	itting chisel							
H H			C C							
Design			<ul> <li>Scope of delivery</li> <li>Incl. hand protection</li> </ul>							546
blades, forged,			Quality							
empered hammer hea lade smoothed and p			Chrome-vanadiun	n air-hardening	j steel.					
Blade width	Shaft size	Total length			54625					
mm	mm	mm			34023					
34	23 x 13	250				202				V
54650	Point o	hisel DI	N 7256							
										540
Design			Quality Chrome-vanadiun	n air-hardening	steel.					546
Octagonal, forged, terr	pered hammer hea	ad,							St. Will Barrante Maller	
haft painted gold, lade smoothed and p	ainted.									
Shaft Ø	Total length		54650		Shaft	ø	Total length		54650	
	mm		0.000		m		mm		0.000	
mm	200			101		20	400			104
mm 16	250			102	2	20	500			105
mm 16 16				103						
mm 16	300									
mm 16 16 18	300	chisel D	IN 7254 B							
mm 16 16	300	chisel D	IN 7254 B Quality							546

Blade width	Shaft Ø	Total length	54656		Blade width	Shaft Ø	Total length	54656	
mm	mm	mm			mm	mm	mm		
23	16	200		101	30	20	400		104
23	16	250		102	30	20	500		105
26	18	300		103					

= The specified prices are unit prices. Only sold in the specified packing units. Always specify number of units in order information.

# Electrician's stone chisel

# **K N**

54665

# Design

# Quality

Chrome-vanadium air-hardening steel.

blade smoothed and painted.									
Blade width	Shaft Ø	Total length	54665		Blade width	Shaft Ø	Total length	54665	
mm	mm	mm			mm	mm	mm		
10	8	200		201	12	10	250		204
10	8	250		203	14	12	300		205
12	10	200		202					

# **Chisel hand guard**

### 54680 101 # W

# 54680 102

# Applications

- For universal use

54680

- For flat-oval chisel 20x12 mm to 26x13 mm

Forged, tempered hammer head, shaft painted gold,

- For octagonal chisel 16-18 mm

WERKZEUGE FO	RS LEBEN	
Des	ign	

- Made of PVC - Thanks to a larger and double guard plate, maximum safety for the hand in the event of mishits
- Ergonomic design
- Avoids hand injuries
- Will not roll away thanks to the oval shape
- Rebound impacts are not transferred to the hand - Your hands do not become fatigued - safe and
- secure grip maintained

Total length	Width	Height	54680	
mm	mm	mm		
110	85	85		101
120	85	85		102

#### **Rivet extractor set DIN 6434** 54812

### Design

Octagonal, hammer head secured.

### Quality Chrome-vanadium air-hardening steel.



Design

Octagonal, hammer head secured.

Chrome-vanadium air-hardening steel.

Pliers head can be swivelled by 360°.

Simple and quick adjustment in any desired angle,

can therefore also be used in hard-to-reach places.

Set contents	For rivet shank Ø mm	Design	54814	
5 pieces	2/3/4/5/6	In plastic box		105
54820	Blind	rivet assortment		

# 54820 GESIPA

7	F/4	
	Set contents	
1	Hand rivet tool model NTX (art. no. 54825)	
12	Blind rivet dimensions 3 and 4 mm Ø, made of various materials	
Vers	sion 5482	0
In m	netal case	101

Mechanical hand rivet tools

54823

Design

Applications

# 54821 - 54823

# K N

# Design

With opening spring, 4 mouthpieces size 2.4/3.2/4.0/4.8 mm and installation key.

### 54821

Design With narrow pliers head.

For rivet Ø mm	Length mm	54821	54823
2.4 - 4.8	260	1	01
2.4 - 4.8	300		

### Applications

- Suitable for all chisels with min. length 250 mm

- For oval chisels 20x12, 23x13, 26x13, 26x7 mm
- For octagonal chisels 14, 16, 18, 20 mm
  - 54680 101 54680 102

54665







101

54.19

HW