

CONSTRUCTION/GARDENING/LANDSCAPING

→ Floor tiling, paving (sensitive material)

3113 SIMPLEX soft-face mallet · TPE-soft/TPE-mid · Ø 30-60 mm

Curbstone setting, paving, formwork construction

3027 SIMPLEX soft-face mallet · rubber comp./superplastic · Ø 30-80 mm

Curbstone setting, bracket stone setting

SIMPLEX soft-face mallet · rubber comp./superplastic · Ø 80-100 mm

masonry-/stairs setting Natural stone setting

3013 SIMPLEX soft-face mallet · TPE-soft/TPE-mid · Ø 30-60 mm

3366 SUPERCRAFT sledge hammer, non-rebound · Ø 80-100 mm Concrete formwork

MAINTIENANGE/RIEPAIR

→ Mild to moderate work

3968 BASEPLEX soft-face mallet · cellulose acetate/nylon · Ø 25-50 mm

3026 SIMPLEX soft-face mallet · rubber comp./plastic · Ø 30-60 mm

→ Powerful work

3366 SUPERCRAFT soft-face mallet, non-rebound · Hickory handle · Ø 20-80 mm

SUPERCRAFT soft-face mallet, non-rebound · 3-comp.-handle · Ø 40-60 mm 3389

3666 MAXXCRAFT locksmith's hammer · 300-1,000 g

→ Automotive and truck sector

SIMPLEX soft-face mallet · rubber comp./soft metal · Ø 30-80 mm 3029 SIMPLEX soft-face mallet · copper/soft metal · Ø 30-40 mm

3749

SUPERCRAFT soft-face mallet, non-rebound · 3-comp.-handle · Ø 40-60 mm 3389

→ Changing stucked tires

3408 Punch · Ø 10-15 mm

3379 BLACKCRAFT soft-face mallet, non-rebound · Ø 40-60 mm

JOINIERY/GARDENTIRY

Setting light/sensitive workpieces, veneering, furniture assembly 3117 SIMPLEX soft-face mallet · TPE-soft/superplastic · 50:40 · Ø 50 mm

3380 SECURAL soft-face mallet, non-rebound · 30x40 mm · 35x45 mm

→ Window and door construction

→ Pin driving

3666 MAXXCRAFT locksmith's hammer · 300-1.000 g

→ Roof setting

3366 SUPERCRAFT sledge hammer, non-rebound · Ø 80-100 mm

INTERIOR WORK

→ Parquet and laminate flooring

3380 SECURAL soft-face mallet, non-rebound · 30x40 mm · 35x45 mm

3666 MAXXCRAFT locksmith's hammer · 300-1.000 g

→ Floor tiling

3113 SIMPLEX soft-face mallet · TPE-soft/TPE-mid · Ø 30-60 mm

→ Drywall construction

3013 SIMPLEX soft-face mallet · TPE-soft/TPE-mid · Ø 30-60 mm

→ Install ceiling moldings

3408 Drop-mallet, non-rebound · Ø 20-50 mm

Sheft Metal Forming

→ Folding and bending work

3366 SUPERCRAFT soft-face mallet, non-rebound · Hickory handle · Ø 20-80 mm

3380 SECURAL soft-face mallet, non-rebound · 30x40 mm · 35x45 mm

3968 BASEPLEX soft-face mallet · cellulose acetate/nylon · Ø 25-50 mm

→ Installation work

3380 SECURAL soft-face mallet, non-rebound · 30x40 mm · 35x45 mm

3906 BASEPLEX soft-face mallet · cellulose acetate · Ø 25-50 mm

3677 FERROPLEX combi hammer · Ø 30-35 mm

METALWORKING INDUSTRY

3366 SUPERCRAFT soft-face mallet, non-rebound · Hickory handle · Ø 20-80 mm → Positioning and adjusting of workpieces

SECURAL soft-face mallet, non-rebound · 30x40 mm · 35x45 mm 3380

3377 SUPERCRAFT soft-face mallet, non-rebound · Steel tube handle · Ø 25-70 mm

3028 SIMPLEX soft-face mallet · nylon/rubber comp. · Ø 30-80 mm 3408 Drop-mallet, non-rebound · Ø 20-50 mm

→ Straightening work, plant construction

3748 SIMPLEX soft-face mallet · copper/nylon · Ø 30-40 mm

3666 MAXXCRAFT locksmith's hammer · 300-1.000 g

3089 SIMPLEX soft-face mallet · nylon/soft metal · Ø 30-80 mm → Housing assembly, mould construction

AGRICULTURE/FORESTRY

3007 SIMPLEX sledge hammer · superplastic · Ø 80-140 mm → Fence construction

3366 SUPERCRAFT sledge hammer, non-rebound · Ø 80-100 mm

→ Splitting 1-metre logs, wedge work

→ Splitting of coniferous wood, wedge work 3007 SIMPLEX splitting maul · 4.100 g

3007 SIMPLEX splitting axe · 2.700 g

Splitting of hardwood, wedge work

3007 SIMPLEX splitting axe with wedge bars · 2.840 g

3556 Halder twisted splitting wedge → Splitting 1-metre logs

→ Splitting of smaller logs/kindling

3555 Halder hand axe · forged



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When Swabian inventor and engineer Erwin Halder began production of the SIMPLEX soft-face mallets in his small workshop in 1938, he couldn't have imagined that his company would one day employ more than 200 people, operating worldwide in four product areas. Alongside soft-face mallets and forestry tools, Halder also produces and markets highprecision standard parts, workholding systems, and aviation products. What hasn't changed is its location in Achstetten-Bronnen in southern

Germany. The small workshop has grown into an impressive company setting, with office and production buildings that are subject to continued expansion and modernisation. The company remains family-owned and is run by third-generation Stefan Halder. And the aspiration of the company founder – to provide customers in industry, trade and commerce with products and service of the highest quality and reliability - applies as always.







COMPANY FOUNDED

by Erwin Halder, production of the first SIMPLEX softface mallet

CONSTRUCTION

of the first factory buildings

Tool and fixture fabrication begins

EXPANSION

of the company headquarters in Bronnen

Production of the standard parts range begins

Early stages of forming a national and international sales force

PRODUCTION

of the first non-rebound mallets under the SUPERCRAFT name

Expansion of the dealer network and first participation in international trade shows

WERNER HALDER

takes over management

Development and distribution of the Halder modular fixture system

1940 1950 1960 1970



FIRST COMPUTER SYSTEM

to support office operations

Establishment of a branch factory in neighboring city, Laupheim

Introduction of computer-aided design (CAD) including CAM

CONSOLIDATION

at the main site in Bronnen with the construction of a new building for production and logistics

Foundation of subsidiaries in Slovenia and Korea

STEFAN

takes over management

Founding of subsidiary in the USA.

TAKEOVER

of the hammer manufacturer Joh. Hermann Picard GmbH & Co. KG in Wuppertal and transformation into the newly established Picard GmbH

CONSTRUCTION

of the logistics center

Founding of further subsidiaries in Japan and France

1980 1990 2000 2010 :: BLACK CRAFT

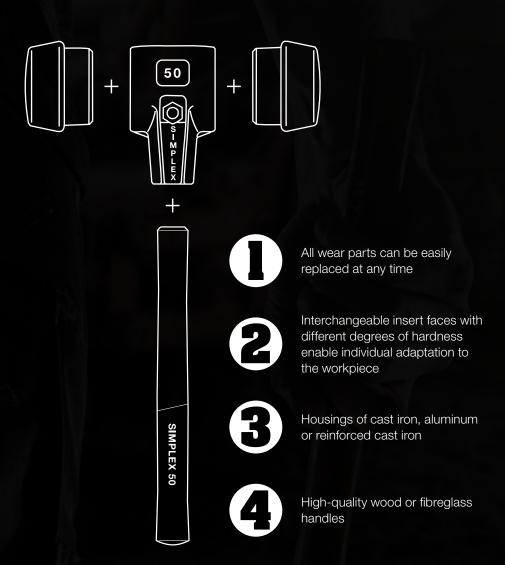
If all else fails, a good bang on the backside might just do the trick. This is where BLACKCRAFT comes in handy. For instance, when you need to hit the rim of a wedged wheel without damaging it. This soft-face mallet by Halder allows for

FULL FORCE AND FULL CONTROL

 \rightarrow



SIMPLY SMART: THE SIMPLEX PRINCIPLE



ASSEMBLY INSTRUCTIONS FOR SIMPLEX SOFT-FACE MALLETS, SLEDGE HAMMERS AND FORESTRY TOOLS

POSSIB COMBIN	LE NATIONS	NS INSERTS						FORE TO	STRY DLS			
		TPE-soft Hardness ●○○○○	Rubber Hardness ●●○○○	TPE-mid Hardness ●●○○○	Superplastic Hardness ●●●○○	Plastic Hardness ●●●○	Nylon Hardness ●●●○	Soft metal Hardness ••••	Copper Hardness	Splitting insert	Axe blade	Spanner opening Hexagon socket screw
	Size		Tightening Torque [Nm] (In case of differing values the higher one is to be used)									SO
	30	15	15	15	15	15	15	17	_	_	_	5
	40	25	25	25	25	25	25	40	-	-		6
<u>. </u>	50	30	30	30	30	30	30	50	_	_		8
CAST IRON HOUSING WITH WOODEN HANDLE	60	40	40	40	40	40	40	75	_	-		8
ODEN	80	_	50		50		50	100	-	_		10
SAST IF	100	-	175		175		-	-	-	-		14
~	125	_	-		175		_	-	-	_		14
	160 Splitting Maul	-	-		160		-	-	-	160		14
	750/751 Splitting Axe	_	_	_	65	_	_	_	_	_	65	8
NDLE	30	15	15	15	15	15	15	_	_	_	_	5
ALUMINIUM HOUSING WITH WOODEN HANDLE	40	25	25	25	25	25	25	-	-	_		6
MINIUN	50	30	30	30	30	30	30	-	_	-		8
ALU	60	40	40	40	40	40	40	-	_	-	-	8
DLE	30	40	40	40	40	40	40	40	40	_	_	6
ED SUSING SS HAN	40	60	60	60	60	60	60	60	60	-	-	8
NFORG 30N HG E-GLAS	50	60	60	60	60	60	60	70	_	_	_	8
REINFORCED CAST IRON HOUSING WITH FIBRE-GLASS HANDLI	60	60	60	60	60	60	60	80	-	-	-	10
MITIM	80	-	90	_	90	-	90	160	_	_		14

If there is no tightening torque indicated, assembly is not possible in these combinations.

Please observe the tightening torques after fitting replacement parts.

Please only use original Halder replacement parts for all SIMPLEX soft-face mallets due to safety reasons.

Insert:

TPE-SOFT

blue / soft / non-marring hardness ● O O O

Application:

For very delicate material (non damaging), floor tiling, natural stone setting, furniture assembly, drywall construction, window and door construction, joiner's work

EH 3001.

with cast iron housing		Ø	 •‡	\rightrightarrows	Ĭ
and high-quality wooden handle	Art. No.	[mm]	[mm]	[mm]	[g]
	3001.030	30	90	295	350
	3001.040	40	115	325	610
	3001.050	50	135	370	1.070
	3001.060	60	150	405	1.460
H & INFE EHALDER	SIMPLEX SO				

EH 3101.

vith aluminium housing		Ø	 i	≔i	Ĭ
and high-quality wooden handle	Art. No.	[mm]	[mm]	[mm]	[g]
	3101.030	30	90	295	200
	3101.040	40	115	325	360
	3101.050	50	135	370	655
	3101.060	60	150	405	825

EH 3701.



Application:

Gardening and landscaping, paving, curbstone setting, masonry and stairs setting, fence construction, scaffold construction, tent construction, prefabricated house construction, carpenter's work, roof framework, maintenance and repair work black / medium hard / impact cushioning odorless / low-wear hardness ● ● ○ ○ ○

EH 3002.



EH 3102.

Art. No.	Ø [mm]	—_i ↑ [mm]	— [mm]	[9]	with aluminium housing and high-quality wooden handle
3102.030	30	90	295	210	
3102.040	40	115	325	405	
3102.050	50	135	370	740	
3102.060	60	150	405	980	(1000)



EH 3702.

with reinforced cast iron housing	I	\rightrightarrows	i i	Ø	
and fibre-glass handle	[g]	[mm]	[mm]	[mm]	Art. No.
	460	300	90	30	3702.030
	890	330	115	40	3702.040
	1.250	330	135	50	3702.050
	1.830	410	150	60	3702.060
5-7425	3.420	490	175	80	3702.080

Insert:

TPE-MID

grey / medium hard / non-marring hardness ● ○ ○ ○

Application:

For delicate materials, natural stone setting, drywall construction, furniture assembly, floor tiling, paving, masonry and stairs setting, window and door construction, joiner's work

EH 3003.

with cast iron housing and high-quality wooden handle	Art. No.	Ø [mm]	i ĵ [mm]	—i [mm]	[g]
	3003.030	30	90	295	335
	3003.040	40	115	325	600
-	3003.050	50	135	370	1.070
	3003.060	60	150	405	1.420
H & LUNE CHALDER	SIMPLEX SO				

EH 3103.

	Ø	 •	≔ i	Ĭ
Art. No.	[mm]	[mm]	[mm]	[g]
3103.030	30	90	295	205
3103.040	40	115	325	360
3103.050	50	135	370	635
3103.060	60	150	405	825
SIMPLEX SO				
	3103.030 3103.040 3103.050 3103.060	Art. No. [mm] 3103.030 30 3103.040 40 3103.050 50 3103.060 60	Art. No. [mm] [mm] 3103.030 30 90 3103.040 40 115 3103.050 50 135 3103.060 60 150	Art. No. [mm] [mm] [mm] 3103.030 30 90 295 3103.040 40 115 325 3103.050 50 135 370 3103.060 60 150 405

EH 3703.

with reinforced cast iron housing and fibre-glass handle	Art. No.	Ø [mm]	——i [[mm]	——i [mm]	I [9]
	3703.030	30	90	300	450
	3703.040	40	115	330	850
	3703.050	50	135	330	1.170
	3703.060	60	150	410	1.710

Insert: **SUPERPLASTIC**

Application:

Gardening and landscaping, paving, curbstone setting, fence construction, driving steel wedges, scaffold construction, tent construction, sheet-metal working, prefabricated house construction, joiner's work, carpenter's work, roof framework, assembly of sharp-edged workpieces white / medium hard / very durable wear-resistant hardness ● ● ● ○ ○

EH 3007.

	Ø	— •‡	\rightrightarrows	Ĭ
Art. No.	[mm]	[mm]	[mm]	[g]
3007.030	30	90	295	320
3007.040	40	115	325	610
3007.050	50	135	370	1.040
3007.060	60	150	405	1.440
3007.080	80	175	490	2.660



EH 3107.

Art. No.	Ø [mm]	—_i ‡ [mm]	──i [mm]	[g]	with aluminium hou and high-quality wooden ha
3107.030	30	90	295	215	
3107.040	40	115	325	360	
3107.050	50	135	370	675	
3107.060	60	150	405	855	



EH 3707.

	Ø	— i:	\rightrightarrows	Ĭ	with reinforced cast iron housin
Art. No.	[mm]	[mm]	[mm]	[g]	and fibre-glass handl
3707.030	30	90	300	450	
3707.040	40	115	330	860	
3707.050	50	135	330	1.200	
3707.060	60	150	410	1.750	
3707.080	80	175	490	3.240	



Insert:

PLASTIC

red / hard / oil and grease resistant hardness $\,\bullet\,\,\bullet\,\,\bullet\,\,\circ$

Application:

Versatile use material, maintenance, repair, overhaul, sheet-metal working, prefabricated house construction, carpenter's work, roof framework, scaffold construction, tent construction

EH 3006.

with cast iron housing		Ø	— i;	ightharpoons	Ĭ
and high-quality wooden handle	Art. No.	[mm]	[mm]	[mm]	[g]
	3006.030	30	90	295	345
	3006.040	40	115	325	635
	3006.050	50	135	370	1.120
	3006.060	60	150	405	1.520
H & INITE EHALDER	SIMPLEX 50				

EH 3106.

with aluminium housing		Ø	— ••	=	i
and high-quality wooden handle	Art. No.	[mm]	[mm]	[mm]	[g]
	3106.030	30	90	295	205
	3106.040	40	115	325	390
	3106.050	50	135	370	720
	3106.060	60	150	405	920
O D-HANDE HI & LUIF I III SHALD	SIMPLEX SO				

EH 3706.

with reinforced cast iron housing and fibre-glass handle	Art. No.	Ø [mm]	—— i ↓ [mm]	i [mm]	f [g]
	3706.030	30	90	300	450
	3706.040	40	115	330	870
	3706.050	50	135	330	1.230
	3706.060	60	150	410	1.800

Insert: NYLON

Application:

Joining of workpieces, assembly of sharp-edged workpieces, housing assembly, mould construction, plant construction, hall construction, steel construction, exhibition stand construction, sheet-metal working, maintenance and repair work

white / hard / very wear-resistant no chipping (even at temperatures below zero) oil and grease resistant / noise-dampening

very high impact hardness ● ● ● ○

EH 3008.

	Ø	— i	\rightrightarrows	i
Art. No.	[mm]	[mm]	[mm]	[g]
3008.030	30	90	295	340
3008.040	40	115	325	650
3008.050	50	135	370	1.130
3008.060	60	150	405	1.500
3008.080	80	175	490	2.880



EH 3108.

3108.040 40 115 325 395 3108.050 50 135 370 720	Art. No.	Ø [mm]	——i ↑ [mm]	— [mm]	[9]	with aluminium hou: and high-quality wooden hai
3108.050 50 135 370 720	3108.030	30	90	295	215	
	3108.040	40	115	325	395	
3108.060 60 150 405 930	3108.050	50	135	370	720	
	3108.060	60	150	405	930	



EH 3708.

with reinforced cast iron housi	Ĭ	\rightrightarrows	— ••	Ø	
and fibre-glass hand	[g]	[mm]	[mm]	[mm]	Art. No.
	460	300	90	30	3708.030
	880	330	115	40	3708.040
	1.240	330	135	50	3708.050
	1.820	410	150	60	3708.060
	3.390	490	175	80	3708.080

Insert:

SOFT METAL

silver / hard / heat-resistant hardness ● ● ● ●

Application: High impact, straightening work, mould construction, plant construction, maintenance, repair, overhaul

EH 3009.

with cast iron housing		Ø		\rightrightarrows	i
and high-quality wooden handle	Art. No.	[mm]	[mm]	[mm]	[g]
	3009.030	30	90	295	400
	3009.040	40	115	325	750
	3009.050	50	135	370	1.380
COMM	3009.060	60	150	405	1.950
21002.00	3009.080	80	175	490	3.860
ON-TARRE H & JUNE SHALDER	SIMPLE 50				
XIEME					

EH 3709.

with reinforced cast iron housing and fibre-glass handle	Art. No.	Ø [mm]	—— i ‡ [mm]	[mm]	. [g]
	3709.030	30	90	300	520
	3709.040	40	115	330	1.000
	3709.050	50	135	330	1.490
	3709.060	60	150	410	2.240
SIMPLEX	3709.080	80	175	490	4.290

Application:

Very high impact, straightening work, plant construction, sheet-metal working, maintenance, repair, overhaul

Copper with plastic socket / hard hardness ● ● ● ●

EH 3704.

Art. No.	Ø [mm]	—— [[mm]	── [mm]	[9]
3704.030	30	90	300	690
3704.040	40	115	330	1.410

with reinforced cast iron housing and fibre-glass handle



APPLICATION



GET A GRIP -



APPLICATIONS





STRIKE A BLOW







with cast iron housing and high-quality wooden handle

EH 3012.

Insert combination:		Ø	— •:	=	Ĭ
Rubber	Art. No.	[mm]	[mm]	[mm]	[9]
TPE-soft	3012.030	30	90	295	340
	3012.040	40	115	325	640
	3012.050	50	135	370	1.095
MICC.	3012.060	60	150	405	1.480
H & ARIEL SHALDER	SIMPLEX DO		Gardeni	ng and landscapin	Application: g, paving, floor tiling

EH 3013.

Insert combination:		Ø	— i‡	\rightrightarrows	Ĭ
TPE-mid	Art. No.	[mm]	[mm]	[mm]	[g]
TPE-soft	3013.030	30	90	295	340
	3013.040	40	115	325	620
	3013.050	50	135	370	1.060
	3013.060	60	150	405	1.420
	2000000				Application

EH 3017.

sert combination:		Ø	— ii	\exists	Ĭ.
Superplastic TPE-soft	Art. No.	[mm]	[mm]	[mm]	 [g]
	3017.030	30	90	295	340
	3017.040	40	115	325	615
	3017.050	50	135	370	1.055
	3017.060	60	150	405	1.445

Application:

Joiner's work, furniture assembly, window and door construction

Natural stone setting, drywall construction, furniture assembly, window and door construction, joiner's work, floor tiling

with cast iron housing and high-quality wooden handle

EH 3023.

A.I. N.	Ø	 ‡	\rightrightarrows	Ĭ
Art. No.	[mm]	[mm]	[mm]	[9]
3023.030	30	90	295	340
3023.040	40	115	325	630
3023.050	50	135	370	1.140
3023.060	60	150	405	1.540

Application:

Gardening and landscaping, paving, masonry and stairs setting, natural stone setting



EH 3026.

	Ø	— i †	\rightleftharpoons	I
Art. No.	[mm]	[mm]	[mm]	[g]
3026.030	30	90	295	345
3026.040	40	115	325	640
3026.050	50	135	370	1.130
3026.060	60	150	405	1.500

Application:

Assembly and repair work in the automotive and truck sector, dent removal, maintenance work, scaffold construction, tent construction, prefabricated house construction, carpenter's work



EH 3027.

	Ø	—	ij	ĭ
Art. No.	[mm]	[mm]	[mm]	[g]
3027.030	30	90	295	335
3027.040	40	115	325	635
3027.050	50	135	370	1.105
3027.060	60	150	405	1.510
3027.080	80	175	490	2.770

Application:

Gardening and landscaping, paving, curbstone setting, scaffold construction, tent construction, carpenter's work, roof framework, fence construction



with cast iron housing and high-quality wooden handle

EH 3028.

Insert combination:		Ø	—— []	\rightrightarrows	
Nylon Rubber	Art. No.	[mm]	[mm]	[mm]	
	3028.030	30	90	295	
	3028.040	40	115	325	
	3028.050	50	135	370	
	3028.060	60	150	405	
	3028.080	80	175	490	
B 0 100 100 1 000	LOER SIMPLEX SO			edged workpieces, n, hall construction,	

Application:

I [g] 355 650 1.140 1.520 2.890

housing assembly, steel construction, exhibition stand construction, maintenance and repair work

EH 3029.

Insert combination:		Ø	— ‡	\rightrightarrows	Ĭ
Soft metal	Art. No.	[mm]	[mm]	[mm]	[g]
Rubber	3029.030	30	90	295	375
SIMPL W	3029.040	40	115	325	700
	3029.050	50	135	370	1.200
	3029.060	60	150	405	1.800
	3029.080	80	175	490	3.500
	SHALDER SIMPLEX 50		Mith the geft m	atal insert very hard	Application

With the soft metal insert very hard strikes are possible but without damaging the workpiece. Plant construction, Mould construction, Assembly and repair work in the automotive and truck sector

EH 3089.

Insert combination:		Ø	— i	ij	Ĭ
Soft metal Nylon	Art. No.	[mm]	[mm]	[mm]	[9]
	3089.030	30	90	295	360
	3089.040	40	115	325	680
	3089.050	50	135	370	1.265
SIMPLIA HALD	3089.060	60	150	405	1.730
	3089.080	80	175	490	3.460
	SHALDER . SIMPLE SO		1	Mould construction	Application:

assembly and repair work in the automotive and truck sector

with aluminium housing and high-quality wooden handle

EH 3113.

Art. No.	Ø [mm]	— _ [↑ [mm]	─i [mm]	[9]
3113.030	30	90	295	185
3113.040	40	115	325	345
3113.050	50	135	370	635
3113.060	60	150	405	850

Application:

Positioning and adjusting of light/delicate workpieces without marring, joiner's work, furniture assembly, floor tiling



EH 3117.

3117.030 30 90 295 185 3117.040 40 115 325 350 3117.050 50 135 370 645		Ø	—	Ħ	Ĭ
3117.040 40 115 325 350 3117.050 50 135 370 645	Art. No.	[mm]	[mm]	[mm]	[g]
3117.050 50 135 370 645	3117.030	30	90	295	185
	3117.040	40	115	325	350
3117.060 60 150 405 875	3117.050	50	135	370	645
	3117.060	60	150	405	875

Application:

Positioning and adjusting of light/delicate workpieces, without marring, joiner's work, prototyping, door construction, furniture assembly



EH 3127.

Application

Positioning and adjusting of light/delicate workpieces, joiner's work



with reinforced cast iron housing and fibre-glass handle

EH 3728.

Insert combination:		Ø		≔i	Ĭ
Nylon	Art. No.	[mm]	[mm]	[mm]	[g]
Rubber	3728.030	30	90	300	445
	3728.040	40	115	330	880
	3728.050	50	135	330	1.260
	3728.060	60	150	410	1.820
	3728.080	80	175	490	3.450

Application:

Assembly of sharp-edged workpieces, housing assembly, plant construction, hall construction, steel construction

EH 3748.

Insert combination: Nylon	Art. No.	Ø [mm]	—_ [; [mm]	─i [mm]	[g]
Copper	3748.030	30	90	300	560
	3748.040	40	115	330	1.150

Application:

Plant construction, sheet-metal working, assembly and repair work in the automotive and truck sector

EH 3749.

I Ø **---**i: Insert combination: Soft metal Art. No. [mm] [mm] [mm] [g] Copper 3749.030 30 300 590 3749.040 40 115 330 1.195

Application:

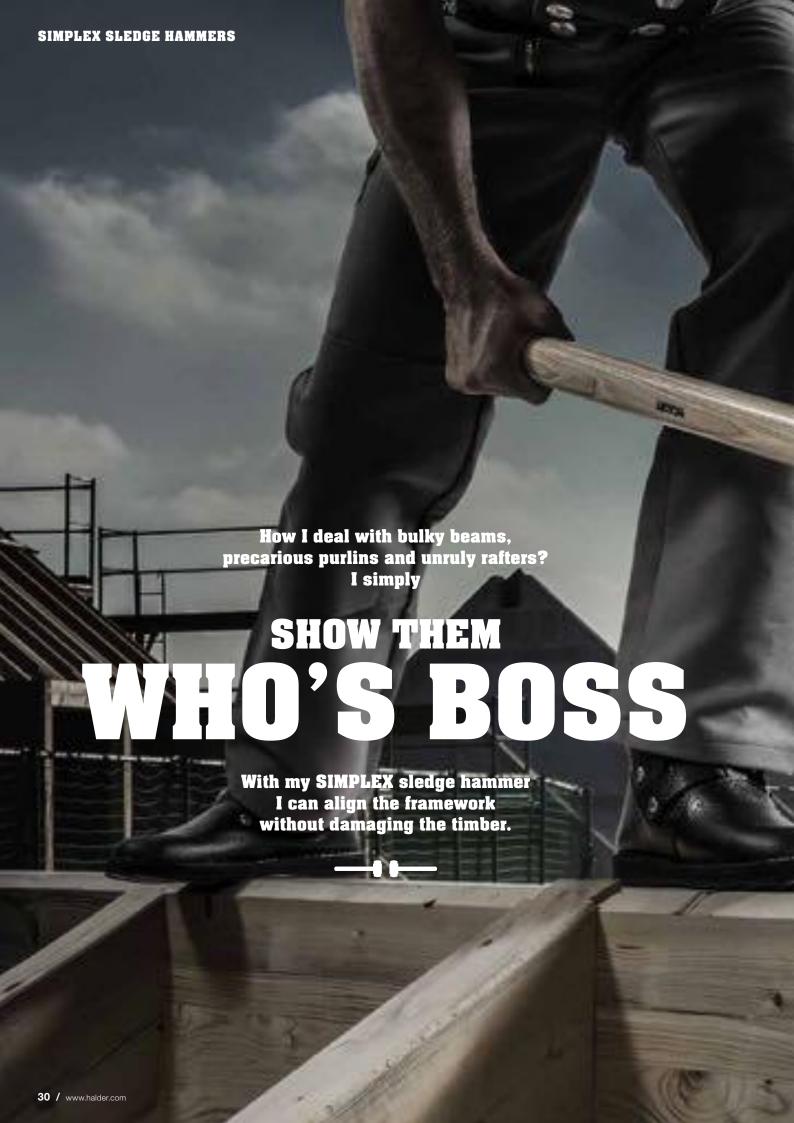
Straightening work, plant construction, sheet-metal working, assembly and repair work in the automotive and truck sector

SINGLE PIECE



→ CAST IRON HOUSING

High resistance to breakage as the handleprotection sleeve is integrated into the cast iron housing make this mallet a robust, all-purpose weapon while reducing both noise and vibration.





SIMPLEX SLEDGE HAMMERS

Insert:

RUBBER COMPOSITION

black / medium hard / impact cushioning odorless / low-wear hardness ● ● ○ ○ ○

EH 3002.

with cast iron housing and hickory handle

	Ø	 •□	i i	Ĭ
Art. No.	[mm]	[mm]	[mm]	[9]
3002.081	80	175	800	3.270
3002.100	100	200	1.000	5.500

Application:

Gardening and landscaping, curbstone setting, masonry and stairs setting, fence construction, scaffold construction, tent construction, prefabricated house construction



Insert:

SUPERPLASTIC

white / medium hard / very durable wear-resistant hardness ••••

EH 3007.

with cast iron housing and hickory handle

	Ø	 •i	—Í	Ĭ
Art. No.	[mm]	[mm]	[mm]	[g]
3007.081	80	175	800	3.090
3007.100	100	200	1.000	5.200
3007.125	125	215	1.040	7.700
3007.141	140	215	1.045	7.900

KWF-certificated

Application:

Gardening and landscaping, curbstone setting, fence construction, driving steel wedges, scaffold construction, tent construction, carpenter's work, roof framework



Insert: NYLON

white / hard / very wear-resistant no chipping / oil and grease resistant hardness ● ● ● ● O

EH 3008.

Application:

Joining of workpieces, assembly of sharp-edged workpieces, housing assembly, mould construction, plant construction, hall construction, steel construction, exhibition stand construction, sheet-metal working, maintenance and repair work



EH 3708.

Art. No.	Ø [mm]	—— i ‡ [mm]	— [mm]	[g]	
3708.081	80	175	800	3.640	_

with reinforced cast iron housing and fibre-glass handle

Application:

Very high impact, joining of workpieces, assembly of sharp-edged workpieces, housing assembly, mould construction, hall construction, plant construction, steel construction, exhibition stand construction, sheet-metal working, maintenance and repair work



Insert:

SOFT METAL

silver / hard / heat-resistant hardness ● ● ● ●

EH 3009.

with cast iron housing and hickory handle	Art. No.	Ø [mm]	—— i ṭ [mm]	─ ─ i [mm]	[9]
	3009.081	80	175	800	4.250

Application: High impact, straightening work, mould construction, plant construction, assembly, repair and maintenance work

EH 3709.

with reinforced cast iron housing and fibre-glass handle	Art. No.	Ø [mm]	——i ‡ [mm]	— [mm]	[g]
	3709.081	80	175	800	4.650



with cast iron housing and hickory handle

EH 3027.

	Ø	— i:	\rightrightarrows	Ĭ
Art. No.	[mm]	[mm]	[mm]	[g]
3027.081	80	175	800	3.170
3027.100	100	200	1.000	5.350

Insert combination:
Rubber
Superplastic

Application:

Gardening and landscaping, curbstone setting, masonry and stairs setting, fence construction, driving steel wedges, scaffold construction, tent construction, carpenter's work, roof framework, prefabricated house construction



EH 3089.

Art. No.	Ø [mm]	—— i ‡ [mm]	──i [mm]	[9]
3089.081	80	175	800	3.660

Insert combination: Nylon Soft metal

Application:

Joining of workpieces, assembly of sharp-edged workpieces, straightening work, mould construction, plant construction, assembly, repair and maintenance work



EH 3028.

Insert combination: Rubber Nylon	Ĭ.	=	— <u>i</u> i	Ø []	And Ma
	[9]	[mm]	[mm]	[mm]	Art. No.
	3.470	800	175	80	3028.081

Application:

Assembly of sharp-edged workpieces, housing assembly, plant construction, hall construction, steel construction, exhibition stand construction, repair and maintenance work



COMMITMENT

From soft-soft to devastatingly hard – eight inserts made of high-quality materials provide the right degree of hardness for every task.



→ TPE-SOFT soft / non-marring hardness OOOO



→ RUBBER COMPOSITION medium hard / impact cushioning odorless / low-wear hardness ••• 0 0 0



→ TPE-MID medium hard / non-marring hardness ••• O O O



→ SUPERPLASTIC medium-hard / very durable wear-resistant hardness ••• O O



→ PLASTIC hard / oil and grease resistant hardness ••• O



→ NYLON white / hard / very wear-resistant no chipping (even at temperatures below zero) oil and grease resistant / noise-dampening very high impact hardness ••••



→ SOFT METAL hard / heat-proof hardness •••••



→ COPPER with plastic socket / hard hardness ••••

TPE-SOFT

A.I.N.	Ø	Ĭ.
Art. No.	[mm]	[g]
3201.030	30	23
3201.040	40	47
3201.050	50	90
3201.060	60	135

blue / soft / non-marring hardness • 0 0 0 0



Application:

For very delicate material (non damaging), gardening and landscaping, floor tiling, natural stone setting, furniture assembly, drywall construction, window and door construction, joiner's work

RUBBER COMPOSITION

Art. No.	Ø [mm]	i [g]
3202.030	30	30
3202.040	40	65
3202.050	50	125
3202.060	60	205
3202.080	80	430
3202.100	100	600

black / medium hard / impact cushioning odorless / low-wear hardness ●●○○○



Application:

Gardening and landscaping, paving, curbstone setting, masonry and stairs setting, fence construction, scaffold construction, tent construction, prefabricated house construction, carpenter's work

TPE-MID

Art. No.	Ø [mm]	. [g]
3203.030	30	22
3203.040	40	45
3203.050	50	85
3203.060	60	140

grey / medium hard / non-marring hardness •• 0 0 0



For delicate material, gardening and landscaping, natural stone setting, drywall construction, furniture assembly, floor tiling, paving, masonry and stairs setting, window and door construction, joiner's work

INSERTS

SUPERPLASTIC

white / medium-hard / very durable wear-resistant hardness lacktriangle lacktriangle lacktriangle lacktriangle lacktriangle lacktriangle lacktriangle



	Ø	Ĭ
Art. No.	[mm]	[g]
3207.030	30	22
3207.040	40	50
3207.050	50	100
3207.060	60	160
3207.080	80	325
3207.100	100	450
3207.125	125	735
3207.141	140	860

Application:

Gardening and landscaping, paving, curbstone setting, fence construction, driving steel wedges, scaffold construction, tent construction, sheet-metal working, prefabricated house construction, joiner's work, carpenter's work, roof framework, furniture assembly

PLASTIC

red / hard / oil and grease resistant hardness lacktriangled lacktriangled lacktriangled lacktriangled lacktriangled



	Ø	Ĭ
Art. No.	[mm]	[g]
3206.030	30	25
3206.040	40	60
3206.050	50	115
3206.060	60	190

Application:

Versatile use material, assembly and repair work in the automotive and truck sector, maintenance work, sheet-metal working, prefabricated house construction, carpenter's work, scaffold construction, tent construction

NYLON

white / hard / very wear-resistant
no chipping (even at temperatures below zero)
oil and grease resistant / noise-dampening
very high impact
hardness ●●● ○



	Ø	Ĭ
Art. No.	[mm]	[g]
3208.030	30	26
3208.040	40	65
3208.050	50	120
3208.060	60	195
3208.080	80	405

Application:

Joining of workpieces, assembly of sharp-edged workpieces, housing assembly, mould construction, plant construction, hall construction, steel construction, exhibition stand construction, sheet-metal working, repair and maintenance work

SOFT METAL

	Ø	Ĭ
Art. No.	[mm]	[g]
3209.030	30	55
3209.040	40	120
3209.050	50	250
3209.060	60	405
3209.080	80	855

silver / hard / heat-resistant hardness $\bullet \bullet \bullet \bullet$



Soft metal inserts are not allowed to be mounted into an aluminium housing!

Application:

High impact, straightening work, mould construction, plant construction, assembly, maintenance, repair, overhaul

COPPER

Art. No.	<i>Ø</i> [mm]	[g]	
3804.030	30	145	
3804.040	40	325	

Copper with plastic socket / hard hardness $\bullet \bullet \bullet \bullet \bullet$



Copper inserts must only be mounted into reinforced cast iron housings!

Application:

Very high impact, straightening work, plant construction, sheet-metal working, assembly, maintenance, repair, overhaul

HOUSINGS

CAST IRON HOUSING

including screw, nut and spring washer



	Ø	Ĭ
Art. No.	[mm]	[g]
3011.030	30	225
3011.040	40	420
3011.050	50	725
3011.060	60	975
3011.080	80	1.785
3011.100	100	3.550
3011.125	125/140	5.370

Noise-dampening, vibration-reducing, high resistance to breakage, integrated handle-protection sleeve, extremely durable, robust, no chipping or cracking, robust powder coating

ALUMINIUM HOUSING

including screw and nut



Art. No.	Ø [mm]	i [9]
3122.030	30	90
3122.040	40	170
3122.050	50	330
3122.060	60	395

Copper and soft metal inserts are not be mounted in the aluminium housing!

Very light weight for precise work on delicate workpieces (the impact power is up to you), noise-dampening, vibration-reducing, high resistance to breakage, integrated handle-protection sleeve, extremely durable, robust, no chipping or cracking, robust powder coating

REINFORCED CAST IRON HOUSING

including screw, nut and spring washer



	Ø	i
Art. No.	[mm]	[9]
3711.030	30	265
3711.040	40	530
3711.050	50	785
3711.060	60	1.025
3711.080	80	2.160

Only fibre-glass handles are allowed to be mounted in the reinforced cast iron housing!

Thicker walls and braces ensure high stability, especially when using SIMPLEX copper inserts, increased weight ensures high impact power (the hammer works for you), noise-dampening, vibration-reducing, high resistance to breakage, integrated handle-protection sleeve, extremely durable, robust, no chipping or cracking, robust powder coating

HIGH-QUALITY WOODEN HANDLE

	Ø	<u> </u>	ĭ
Art. No.	[mm]	[mm]	[g]
3244.030	30	260	65
3244.040	40	275	100
3244.050	50	310	130
3244.060	60	335	150
3244.080	80	395	255

for SIMPLEX soft-face mallets with cast iron housing or aluminium housing

High-quality wooden handle: vibration-reducing, ergonomic, double-varnished handle (insensitive to dirt)



FIBRE-GLASS HANDLE

	Ø	<u> </u>	Ĭ
Art. No.	[mm]	[mm]	[g]
3844.030	30	260	130
3844.040	40/50	267	220
3844.060	60	340	400
3844.080	80	400	435
3844.081	80	700	790

with rubber grip for SIMPLEX soft-face mallets with reinforced cast iron housing

Fibre-glass handles are allowed to be mounted in the reinforced cast iron housing only!

In combination with the reinforced cast iron housing applicable for extremely strong strikes, very robust and durable, high resistance to breakage, ergonomic, anti-slip grip, inorganic (not sensitive to humidity), smooth surface



HICKORY HANDLE

Art. No.	Ø [mm]	<u></u> [mm]	a [9]	
3244.061	60	700	530	NEW
3244.081	80	700	610	
3244.100	100/125/140	900	890	

for SIMPLEX sledge hammers with cast iron housing

Hickory: high density, long-stranded, very robust, varnished, ergonomic





Tired of bending over to reach your hammer? No problem:
The new SIMPLEX with "Stand-Up" always "has your back"

STANDS ON ITS HEAD

→ INSERT WITH A NEW SHAPE
Its ingenious shape allows this new

insert to stand securely on its head and reduces the need to bend over.

with cast iron housing and high-quality wooden handle

INSERTS

	Ø	Ĭ
Art. No.	[mm]	[g]
3202.260	60	200

"Stand-Up" Design Rubber

black / medium hard / impact cushioning odorless / low-wear

hardness ●●○○○



Gardening and landscaping, paving, curbstone setting, masonry and stairs setting, fence construction, scaffold construction, tent construction, prefabricated house construction, carpenter's work, roof framework, maintenance and repair work





EH 3002.

	Ø		= i	ă	Insert:
Art. No.	[mm]	[mm]	[mm]	[g]	"Stand-Up" Design Rubber
3002.260	60	150	405	1.600	

This hammer features special inserts with "Stand-Up" that have been incorporated into the housing.

Application:

Gardening and landscaping, paving, curbstone setting, masonry and stairs setting, fence construction, scaffold construction, tent construction, prefabricated house construction, carpenter's work, roof framework, maintenance and repair work



EH 3022.

Art. No.	Ø	 [──i	T	Insert combination
	[mm]	[mm]	[mm]	[9]	"Stand-Up" Design Rubbe
3022.260	60	150	405	1.580	Rubber, roun

This hammer features a special insert with "Stand-Up" that was incorporated into the housing.

Application:

Gardening and landscaping, paving, curbstone setting, masonry and stairs setting, fence construction, scaffold construction, tent construction, prefabricated house construction, carpenter's work, roof framework, maintenance and repair work



with cast iron housing and high-quality wooden handle



EH 3012.

Insert combination:
"Stand-Up" Design Rubber
TPE-soft, round

Art. No.	Ø	—— i ‡	──!	=
	[mm]	[mm]	[mm]	[9]
3012.260	60	150	405	1.500

This hammer features a special insert with "Stand-Up" that was incorporated into the housing.

ON KEND.

Application:

Gardening and landscaping, paving, floor tiling

EH 3023.

Insert combination:
"Stand-Up" Design Rubber
TPF-mid_round

	Ø	— •‡	\rightrightarrows	Ĭ
Art. No.	[mm]	[mm]	[mm]	[g]
3023.260	60	150	405	1.570



This hammer features a special insert with "Stand-Up" that was incorporated into the housing.

Application:

Gardening and landscaping, paving, masonry and stairs setting, natural stone setting

EH 3026.

Insert combination:
"Stand-Up" Design Rubber
Plastic, round

Art. No.	Ø	—— i ‡	──i	a
	[mm]	[mm]	[mm]	[g]
3026.260	60	150	405	1.530



This hammer features a special insert with "Stand-Up" that was incorporated into the housing.

Application:

Assembly and repair work in the automotive and truck sector, dent removal, maintenance work, scaffold construction, tent construction, prefabricated house construction, carpenter's work

with cast iron housing and high-quality wooden handle

EH 3027.

Art. No.	Ø [mm]	—— i ↑ [mm]	──i [mm]	[a]	"S
3027.260	60	150	405	1.540	

Insert combination: Stand-Up" Design Rubber Superplastic, round

This hammer features a special insert with "Stand-Up" that was incorporated into the housing.

Application:

Gardening and landscaping, paving, curbstone setting, scaffold construction, tent construction, carpenter's work, roof framework, fence construction



EH 3028.

Art. No.	Ø [mm]	—_ [[mm]	─_ [mm]	T [9]	
3028.260	60	150	405	1.550	•

Insert combination: "Stand-Up" Design Rubber Nylon, round

This hammer features a special insert with "Stand-Up" that was incorporated into the housing.

Assembly of sharp-edged workpieces, housing assembly, plant construction, hall construction, steel construction, exhibition stand construction, maintenance and repair work



EH 3029.

Art. No.	Ø [mm]	——i i [mm]	— [mm]	[g]
3029.260	60	150	405	1.830

Insert combination: "Stand-Up" Design Rubber Soft metal, round

This hammer features a special insert with "Stand-Up" that was incorporated into the housing.

Application:

With the soft metal insert very hard strikes are possible but without damaging the workpiece. Plant construction, Mould construction, Assembly and repair work in the automotive and truck sector



with cast iron housing and Hickory handle



EH 3002.

Insert combination:	
---------------------	--

"Stand-Up" Design Rubber

	Ø	 •□	=	Ĭ
Art. No.	[mm]	[mm]	[mm]	[g]
3002.261	60	150	780	2.000

This hammer features special inserts with "Stand-Up" that have been incorporated into the housing.

Application:

Gardening and landscaping, curbstone setting, masonry and stairs setting, fence construction, scaffold construction, tent construction, prefabricated house construction



EH 3022.

Insert combination:

"Stand-Up" Design Rubber Rubber, round

Art. No.	Ø [mm]	—— [↑ [mm]	──i [mm]	[g]
3022.261	60	150	780	1.950

This hammer features a special insert with "Stand-Up" that was incorporated into the housing.

Application:

Gardening and landscaping, curbstone setting, masonry and stairs setting, fence construction, scaffold construction, tent construction, prefabricated house construction





EH 3027.

Insert combination:

"Stand-Up" Design Rubber Superplastic, round

	Ø	 i:	=	Ĭ
Art. No.	[mm]	[mm]	[mm]	[9]
3027.261	60	150	780	1.900

This hammer features a special insert with "Stand-Up" that was incorporated into the housing.

Application:

Gardening and landscaping, curbstone setting, masonry and stairs setting, fence construction, driving steel wedges, scaffold construction, tent construction, carpenter's work, roof framework, prefabricated house construction



with cast iron housing and Hickory handle

EH 3012.

	Ø	— I	Ä	Ĭ	In
Art. No.	[mm]	[mm]	[mm]	[9]	"Stand
3012.261	60	150	780	1.835	

Insert combination: Stand-Up" Design Rubber TPE-soft, round

This hammer features a special insert with "Stand-Up" that was incorporated into the housing.

Application:

Gardening and landscaping, paving, floor tiling



APPLICATIONS







SIMPLEX SOFT-FACE MALLETS 50:40 It is no easy task to do the beauty of this delicate antique cupboard justice. And you won't get anywhere with it, using brute force. What you need is a light and non-marring hammer that allows you to Better use the original: SIMPLEX by Halder. 48 / www.halder.com



PIGS SIZE MODEL

→ 50:40

Oversized striking faces provide maximum protection for the precise treatment of workpieces with sensitive surfaces.

→ 2 DIFFERENT INSERTS With TPE-soft and superplastic, a soft and a hard insert are available in 50:40 dimensions. Both inserts are non-marring.

→ ALUMINIUM HOUSING

For precise work on delicate workpieces and for work on sensitive workpieces.

→ ERGONOMIC WOODEN HANDLE As with all Halder soft-face mallets,

the 50:40 variant fits your hand perfectly.

EH 3117.

Art. No.	Ø	—— [∫	─i	I
	[mm]	[mm]	[mm]	[9]
3117.051	50	110	330	430

with aluminium housing and high-quality wooden handle

Insert combination:

TPE-soft 50:40 Superplastic 50:40

Oversized inserts Ø 50 are mounted into housing Ø 40 for maximum protection of delicate work surfaces.

Application:

Positioning of light / delicate workpieces, prototyping, furniture assembly, veneering, driving of fittings in sensitive environments



EH 3101.

Art. No.	Ø [mm]	—— i ↓ [mm]	──i [mm]	[9]
3101.051	50	110	330	430

with aluminium housing and high-quality wooden handle

Insert:

TPE-soft 50:40

Oversized inserts Ø 50 are mounted into housing Ø 40 for maximum protection of delicate work surfaces.

Application:

Positioning of light / delicate workpieces, prototyping, furniture assembly, veneering



EH 3107.

Art. No.	Ø [mm]	 [[mm]	──i [mm]	[g]
3107.051	50	110	330	430

with aluminium housing and high-quality wooden handle

Insert:

Superplastic 50:40

Oversized inserts Ø 50 are mounted into housing Ø 40 for maximum protection of delicate work surfaces.

Application:

Driving of fittings in sensitive environments, positioning of light workpieces



INSERTS

TPE-SOFT 50:40

blue / soft / non-marring hardness ● ○ ○ ○ ○

C				
Ī	Г	1	I	

	Ø	Ĭ
Art. No.	[mm]	[g]
3201.051	50	80

SUPERPLASTIC 50:40

white / medium hard / very durable wear-resistant hardness ● ● ● ○ ○

Art. No.	Ø [mm]	e [9]
3207.051	50	80



APPLICATION



MALLET BLOCK

EH 3688.

Art. No.	<u></u>	≟	 ,	I
	[mm]	[mm]	[mm]	[g]
3688.001	200	140	40	1.065

durable, heavy-duty special plastic

Packing unit: 10 pcs.

Application:

This mallet block distributes the punctual impact force exerted by a hammer or crowbar head across a level surface. This makes it possible to offset any differences in height as well as any unevenness. The block also allows for the creation of smooth transitions between pavement slabs or lawn and curb stone edges (preventing tripping hazards). Another advantage is the compaction of the substrate, preventing it from sagging later on. Finally, the block keeps stones and slabs perfectly protected from damage





ALL-ROUNDER



CELLULOSE ACETATE

red / hard / oil and grease resistant hardness lacktriangle lacktriangle lacktriangle lacktriangle

EH 3906.

3906.025 25 86 270 215 3906.030 30 95 280 360 3906.040 40 103 330 510 3906.050 50 117 340 940	Art. No.	Ø [mm]	—— i ‡ [mm]	—— [mm]	i [g]
3906.040 40 103 330 510	3906.025	25			
	3906.030	30	95	280	360
3906.050 50 117 340 940	3906.040	40	103	330	510
	3906.050	50	117	340	940

Application:

Versatile use material, for ordinary use



Insert:

white / hard / wear-resistant no chipping / oil and grease resistant hardness \bullet \bullet \bullet \bullet \bullet

EH 3908.

Art. No.	Ø [mm]	—_i ↑ [mm]	─ ─ i [mm]	[g]
3908.025	25	86	270	215
3908.030	30	95	280	360
3908.040	40	103	330	510
3908.050	50	117	340	940

Application:

Versatile use material, applicable for strong strikes

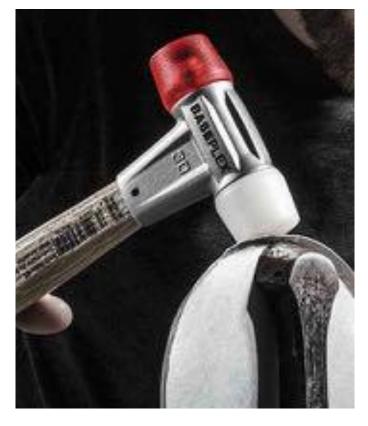


EH 3968.

with zinc die cast housing		Ø	 i:	ij	Ĭ
and wooden handle	Art. No.	[mm]	[mm]	[mm]	[9]
Insert combination:	3968.025	25	86	270	215
Cellulose acetate Nylon	3968.030	30	95	280	360
	3968.040	40	107	325	510
	3968.050	50	115	340	940



APPLICATIONS





BASEPLEX SINGLE COMPONENTS

CELLULOSE ACETATE

	Ø	Ĭ
Art. No.	[mm]	[g]
3966.025	25	13
3966.030	30	21
3966.040	40	44
3966.050	50	77

red / hard / oil and grease resistant hardness ●●●○



NYLON

	Ø	Ĭ.
Art. No.	[mm]	[g]
3988.025	25	12
3988.030	30	18
3988.040	40	40
3988.050	50	70

white / hard / very wear-resistant no chipping (even at temperatures below zero) oil and grease resistant / very high impact hardness ● ● ● ○



WOODEN HANDLE

Art. No.	Ø [mm]	<u></u> [mm]	[9]
3944.025	25/30	255	75
3944.040	40/50	290	110

for BASEPLEX soft-face mallets

Ergonomic, varnished



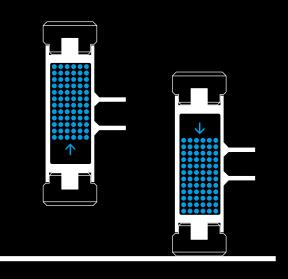
You might not have the glitziest job in the world, but there is a gleam in your eye when you position delicate technical parts with the utmost precision. Then, when you wield your SUPERCRAFT by Halder, you feel that glowing passion for your work with every powerful stroke. So, go ahead,

GET YOUR BIJIST ON

-



PACKED FULL OF POWER: THE SUPERCRAFT PRINCIPLE



Non-rebound work

The head of the SUPERCRAFT mallet is filled with steel shot. This means that when the workpiece is impacted, the energy of the shot is transferred with a slight delay. The reduced rebound allows the impact energy to be absorbed, resulting in extremely powerful impact without vibration which is much easier on your joints. Additionally, an advantage over steel mallets is the reduced noise level.



SUPERCRAFT

EH 3366.

	Ø	—	i i	ĭ
Art. No.	[mm]	[mm]	[mm]	[9]
3366.020	20	105	300	245
3366.025	25	105	305	325
3366.030	30	110	330	460
3366.035	35	110	335	560
3366.040	40	115	355	715
3366.045	45	120	360	830
3366.050	50	120	365	990
3366.060	60	145	360	1.705
3366.070	70	150	370	2.215
3366.080	80	168	380	3.210

with vibration-reducing, ergonomic and varnished hickory handle

Completely robot-welded, handle-protection sleeve, very safe handle-head-connection due to aluminium wedge and safety pin, robust powder coating, maximum solidity of the inserts made from special nylon with excellent impact quality and very high durability, handle and inserts replaceable

Application:

Positioning and joining of workpieces in the vice, sheet-metal working, assembly of sharp-edged workpieces, assembly and repair work in the automotive and truck sector, scaffold construction, straightening work, housing assembly, plant construction, maintenance work



EH 3377.

	Ø	— •‡	ightharpoons	Ĭ
Art. No.	[mm]	[mm]	[mm]	[9]
3377.025	25	110	270	385
3377.030	30	110	295	585
3377.035	35	110	300	690
3377.040	40	115	305	805
3377.045	45	120	310	935
3377.050	50	120	315	1.150
3377.060	60	145	325	1.750
3377.070	70	150	335	2.250

with break-proof steel tube handle and ergonomic, anti-slip grip

Completely robot-welded, robust powder coating, maximum solidity of the inserts made from special nylon with excellent impact quality and very high durability, inserts replaceable

Application

Positioning and joining of workpieces, assembly of sharp-edged workpieces, straightening work, housing assembly, plant construction, maintenance work, assembly and repair work in the automotive and truck sector, sheet-metal working



SUPERCRAFT

EH 3377.

with break-proof steel tube handle and fluorescent yellow powder coating

	Ø	 ••	\rightrightarrows	Ĭ
Art. No.	[mm]	[mm]	[mm]	[9]
3377.130	30	110	295	585
3377.140	40	115	305	805
3377.150	50	120	315	1.150
3377.160	60	145	325	1.750



Completely robot welded, maximum solidity of the inserts made from special nylon with excellent impact quality and very high durability, inserts replaceable

Application

Maintenance work of airplanes, Positioning and joining of workpieces, assembly of sharp-edged workpieces, straightening work, housing assembly, plant construction, maintenance work, assembly and repair work in the automotive and truck sector, sheet-metal working

EH 3389.



Completely robot welded, break-proof, flexible fibre-glass core coated with an ergonomic polypropylene layer and an elastomer layer, robust powder coating, maximum solidity of the inserts made from special nylon with excellent impact quality and very high durability, inserts replaceable

Application:

Assembly and repair work in the automotive and truck sector, positioning and adjusting of workpieces, assembly of sharp-edged workpieces, straightening work, housing assembly, plant construction, maintenance work, sheet-metal working

EH 3366.

----i1 Ø with vibration-reducing, ergonomic and varnished Art. No. [g] [mm] [mm] [mm] hickory handle 80 3366.081 200 880 4.410 7.050 3366.107 100 210 1.000 3366.110 100 265 1.000 9.300

HALDER

Sledge hammers are also completely robot welded, handle-protection sleeve, very safe handle-head-connection due to aluminium wedge and safety pin, robust powder coating, maximum solidity of the inserts made from special nylon with excellent impact quality and very high durability, handle and inserts replaceable

Application:

Hall construction, steel construction, exhibition stand construction, concrete formwork, scaffold construction, tent construction, fence construction, driving metal wedges and stakes, straightening work, maintenance work

INSERTS AND HANDLES

NYLON

white / hard / very wear-resistant no chipping (even at temperatures below zero) oil and grease resistant / noise-dampening very high impact

hardness ●●●○





	Ø	ī
Art. No.	[mm]	[9]
3508.020	20	5
3508.025	25	10
3508.030	30	17
3508.035	35	23
3508.040	40	32
3508.045	45	43
3508.050	50	55
3508.060	60	95
3508.070	70	130
3508.080	80	195
3508.100	100	345

HICKORY HANDLE

for SUPERCRAFT soft-face mallets and sledge hammers

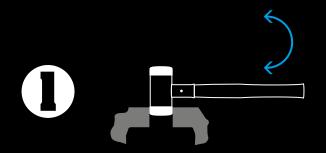
Art. No.	Ø [mm]	<u></u> [mm]	[g]
3566.025	20/25	280	80
3566.030	30/35	300	100
3566.040	40/45/50	315	140
3566.060	60/70/80	300	190
3566.081	80	800	685
3566.100	100	900	1.030

Ergonomic, varnished, very robust

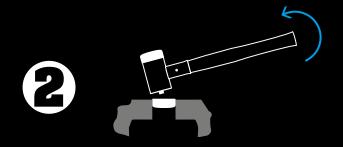




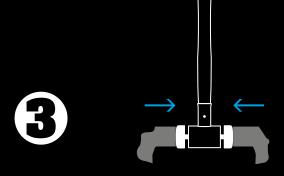
RE-USABLE ENERGY: THE INSERT



Firmly clamp the used insert in a vice and loosen with a lateral twisting movement.



When the insert is loosened, pull the mallet upwards.



In the vice, press the new insert into the housing and insert retaining pins.

BLACKCRAFT

EH 3379.

with ergonom anti-slip and break-pro	[9]	— [mm]	—i ‡ [mm]	Ø [mm]	Art. No.
steel tube han	640	300	110	40	3379.040
	900	310	115	50	3379.050
	1.300	315	120	60	3379.060

Hammer head integrated in a robust fully covering polyurethane coating, completely robot welded, protects the workpiece and prevents scratches as well as sparking in case of failures, high corrosion protection

Application:

Assembly and repair work in the automotive and truck sector, car body work, dent removal, positioning and adjusting of workpieces, straightening work, sheet-metal working, maintenance work, working on components with sensitive surfaces



Have you ever tried to use your mallet to strike into a corner - without leaving behind scratches left and right?

ANGULAR FOR ANGLES: BLATANTLY OBVIOLS

66 / www.halder.com



SPECIALIST FOR CORNERS AND EDGES



EH 3380.

Art. No.	Length x Width [mm]	— i ↑ [mm]	<u>←</u> [mm]	[a]	head and handle made from one piece of steel, rectangular
3380.040	30 x 40	117	300	680	and break-proof inserts
3380.045	35 x 45	140	310	1.000	NEW

Application:

Parquet and laminate flooring, window and door construction, drywall construction, furniture assembly, joiner's work, sheet-metal working, positioning and adjusting of workpieces, repair work



POLYURETHANE

Art. No.	Length x Width [mm]	I	Inserts: rectangular / noise-dampening
	<u> </u>		impact cushioning / wear-resistant
3511.040	30 x 40	35	hardness ••• • O
3511.045	35 x 45	55	NEW Hardhood CCC 3



APPLICATIONS





Changing inserts Page 64 www.halder.com / 69

PUNCHES AND DROP-MALLETS

PUNCHES

Art. No.	Ø [mm]	; [mm]	[g]
3408.010	10	168	90
3408.012	12	170	130
3408.015	15	175	200

nylon inserts exchangeable

Application:

Assembly, repair and maintenance work



DROP-MALLETS

	Ø		ĭ
Art. No.	[mm]	[mm]	[9]
3408.020	20	150	215
3408.025	25	150	340
3408.030	30	155	470
3408.035	35	155	630
3408.040	40	160	785
3408.045	45	160	965
3408.050	50	165	1.250

.. .. .

non-rebound

for particulary gentle assembly work where precisely controlled power of impact is needed, nylon inserts exchangeable

Application:

Also usable as a punch, joining of workpieces, housing assembly, assembly and repair work in the automotive and truck sector, maintenance in an environment of limited accessibility



NYLON

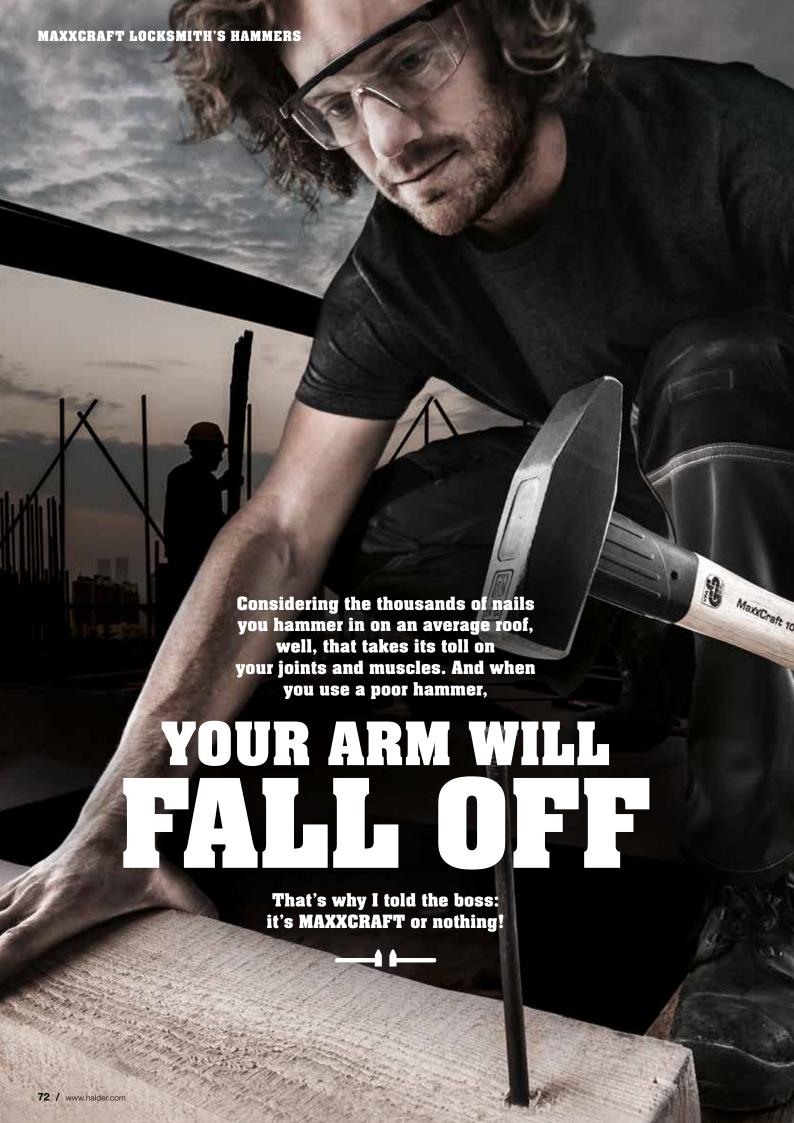
	Ø	i
Art. No.	[mm]	[g]
3508.010	10	1
3508.012	12	2
3508.015	15	4
3508.020	20	5
3508.025	25	10
3508.030	30	17
3508.035	35	23
3508.040	40	32
3508.045	45	43
3508.050	50	55

white / hard / very wear-resistant
no chipping (even at temperatures below zero)
oil and grease resistant / noise-dampening
very high impact

hardness ● ● ● O



Changing inserts Page 64 www.halder.com / 71



EH 3666.

Patented rubber connection between head and handle reduces both rebound and noise noticeably and ensures the full impact onto the workpiece, a fatigue-free working, gentle on the joints due to less vibration and a reduced rebound, extra large protective handle sleeve with rubber coating

Application:

Versatile use in (industrial and crafts); replaces ordinary locksmith's hammers

HICKORY HANDLE

		<u> </u>	Ĭ
Art. No.	Applicable for	[mm]	[g]
3266.003	MAXXCRAFT 300	265	100
3266.005	MAXXCRAFT 500	280	120
3266.008	MAXXCRAFT 800	305	170
3266.010	MAXXCRAFT 1000	310	180

Ergonomic, very robust, several times varnished



NOTICEABLY BETTER



Noticeable reduced rebound and thus full transmission of the power of impact onto the workpiece.



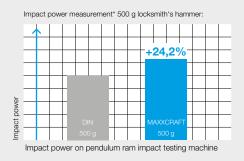
Fatigue-free working gentle on the joints thanks to low vibration on impact.

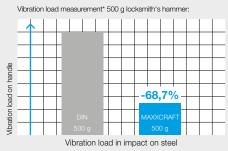


Handle-protection sleeve with patented rubber coating to compensate failures.

MEASURABLY BETTER

The increase of the power of impact with a simultaneous attenuation of the vibration on the handle has been tested and confirmed by ibe - Ingenieurbüro für Ergonomie.





^{*} Schematic portrayal of the measured results for the purpose of clarification. Source: ibe - Ingenieurbüro für Ergonomie.



EH 3677.

Art. No.	Ø [mm]	—— i ‡ [mm]	─	[9]
3677.030	30	104	290	600
3677.035	35	104	295	800

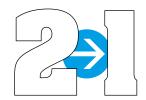
locksmith's hammer and soft-face mallet in one

With steel tube handle and ergonomic rubber grip, hammer head made of heat-treated steel, one-sided induction hardened, opposite side with exchangeable nylon insert

Application:

Mounting work in industry, crafts, motorcar assembly, maintenance and repair work





NYLON

Art. No.	Ø [mm]	[g]	white / hard /
3508.030	30	17	no chipping (even at temper oil and grease resistant
3508.035	35	23	ho

Inserts made from special nylon with excellent impact quality and very high durability, even at temperatures below zero no chipping.

Inserts: / very wear-resistant peratures below zero) nt / noise-dampening very high impact

hardness ••• O



APPLICATIONS





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AXE AND HAMMER

→ INSERT

Due to the special insert, the axe is suitable both for splitting and for use as a soft-face mallet.



SIMPLEX SPLITTING MAUL

EH 3007.

with cast iron housing and hickory handle including leather cutting protection

Art. No.	Ø [mm]	[mm]	── j [mm]	a [9]
3007.160	60	65	900	4.100

Splitting maul and soft-face mallet in one, splitting insert drop-forged and hardened, with turned nose, made from high-grade carbon steel, inserts made of superplastic, solid handle-protection sleeve, KWF-certificated, all parts are replaceable

Application:

Motor manual wood harvesting, safe and material-friendly driving of steel wedges with the superplastic insert, splitting 1-metre logs, splitting felled timber with a wedge, driving of wooden stakes, gardening and landscaping

APPLICATION



SIMPLEX SPLITTING AXES

EH 3007.

Art. No.	Ø [mm]	[mm]	─ [mm]	[a] •	thin shape, with cast iron housing
3007.750	50	100	765	2.700	and hickory handle including leather cutting protection

Splitting axe and soft-face mallet in one, axe blade drop-forged and hardened, ground and polished, solid handle-protection sleeve, insert made of superplastic, KWF-certificated, all parts are replaceable

Application:

Perfect for splitting pinewood/coniferous wood. Motor manual wood harvesting, safe and material-friendly driving of steel wedges with the superplastic insert, splitting 1-metre logs, light wedge work, striking of wedges and wooden stakes, gardening and landscaping



EH 3007.

Art. No.	Ø [mm]	[mm]	<u></u> [mm]	[g]	with wedge ribs, cast iron housing
3007.751	50	100	765	2.840	and hickory handle including leather cutting protection

Splitting axe with wedge ribs and soft-face mallet in one, axe blade drop-forged and hardened, ground and polished, solid handle-protection sleeve, insert made of superplastic, KWF-certificated, all parts are replaceable

Application:

Perfect for splitting hardwood.

Motor manual wood harvesting, safe and material-friendly driving of steel wedges with the superplastic insert, splitting 1-metre logs, light wedge work, striking of wedges and wooden stakes, gardening and landscaping



SIMPLEX SPLITTING MAUL SINGLE COMPONENTS

SPLITTING INSERT

including plastic socket



		Ĭ
Art. No.	[mm]	[g]
3210.160	65	1.340

Splitting insert 3210.160 must only be mounted into cast iron housing 3011.160!

Drop-forged and hardened, patented in-housing-fixation

CAST IRON HOUSING

including screw, nut and spring washer



	Ĭ
Art. No.	[9]
3011.160	1.900

Only SIMPLEX splitting maul replacement parts are allowed to be mounted in cast iron housing 3011.160!

Noise-dampening, vibration-reducing, high resistance to breakage, integrated handle-protection sleeve, extremely durable, robust, no chipping or cracking, robust powder coating

HICKORY HANDLE

for SIMPLEX Splitting Maul

	<u></u>	Ĭ
Art. No.	[mm]	[g]
3244.160	830	750

Hickory handle 3244.160 must only be mounted into cast iron housing 3011.160!

Ergonomic, high density, long-stranded, very robust, several times varnished



SIMPLEX SPLITTING AXE SINGLE COMPONENTS

AXE BLADE

		ĭ
Art. No.	[mm]	[9]
3210.750	100	930

thin shape including plastic socket



Axe blade 3210.750 must only be mounted into cast iron housing 3011.750!

Drop-forged and hardened, ground and polished, patented in-housing-fixation

AXE BLADE

Art. No.	[mm]	i [g]
3210.751	100	1.070

with wedge ribs including plastic socket



Axe blade 3210.751 must only be mounted into cast iron housing 3011.750!

Drop-forged and hardened, ground and polished, patented in-housing-fixation, high splitting effect through wedge ribs

CAST IRON HOUSING

	Ĭ
Art. No.	[g]
3011.750	990

including screw, nut and spring washer



Only Simplex splitting axe replacement parts are allowed to be mounted in cast iron housing 3011.750!

Noise-dampening, vibration-reducing, high resistance to breakage, integrated handle-protection sleeve, extremely durable, robust, no chipping or cracking, robust powder coating

HICKORY HANDLE

Art. No. [mm] [g]
3244.750 685 620

for SIMPLEX Splitting Axe

Hickory handle 3244.750 must only be mounted into cast iron housing 3011.750!

Ergonomic, high density, long-stranded, very robust, several times varnished



HAND AXE AND TWISTED SPLITTING WEDGE

HAND AXE

including high-quality leather belt bag as cutting protection

Art. No.	[mm]	[mm]	. [g]
3555.370	90	370	1.000



Robust all-metal design made from special heat-treated steel, forged in one piece, finely ground and polished on all sides, corrosion-resistant, blade carefully hardened and ground to sharpness, hand-made, anti-slip leather handle, perfectly balanced for optimum handling

Application:

Splitting of smaller logs and kindling, for sharpening wooden stakes, rough carving tasks, useful outdoor tool for campers, hunters, off-roaders, etc.

TWISTED SPLITTING WEDGE

including convenient transport box made of special plastic

		=	i
Art. No.	[mm]	[mm]	[9]
3556.260	50	260	3.100



Optimum twist of 20° gives good splitting effect, optimally usable in combination with the SIMPLEX splitting maul and the SIMPLEX sledge hammers, solid twisted splitting wedge made of forged heat-treated steel, ground strike plate with chamfer, cutting edge is ground blank, with guide groove, forged diagonal grooves and forged recessed grips on sides

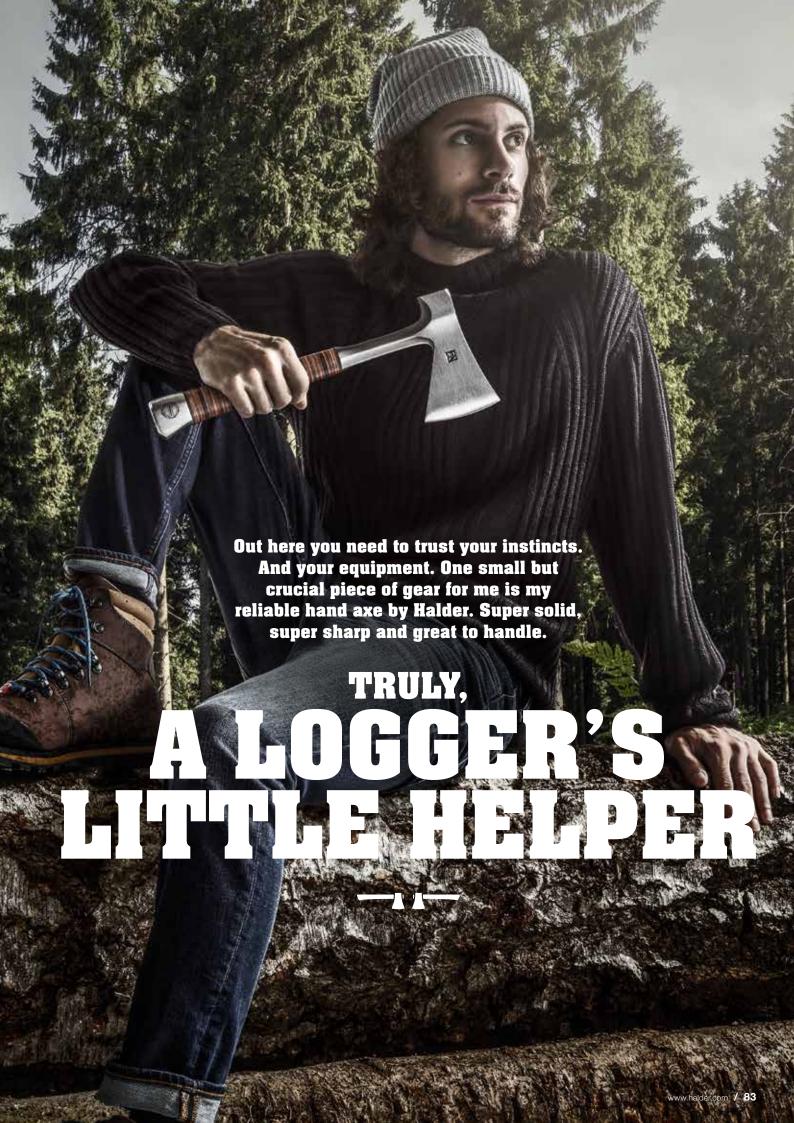
Application:

Efficient and simple splitting 1-metre logs

APPLICATIONS







What a pain in the neck:
Things keep falling down, are nowhere to be found, need to be put down quickly, should be hung up on a hook, and so on and so forth...
Unless you have three or five hands at your disposal:

HALDER

on our ingenious universal holder with magnetic fastening

HH

MAGNETIC HOLDER

EH 3688.

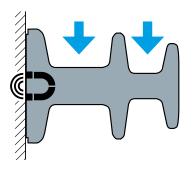
Art. No.	Color	Ø [mm]	[mm]	[9]
3688.002	blue	75	100	250
3688.003	black	75	100	250

Packing unit: 10 pcs.

Rugged plastic design, tremendous holding force thanks to neodymium magnets, the rubberencased magnet prevents scratches and is resistant to oil, the special shape provides for dualuse zones and keeps the attached items from slipping / sliding off inadvertently

Application:

Easy attachment / hanging of compressed air guns, cables, adhesive / barrier tapes, clothing and other implements





Plastic, with six neodymium magnets



APPLICATIONS











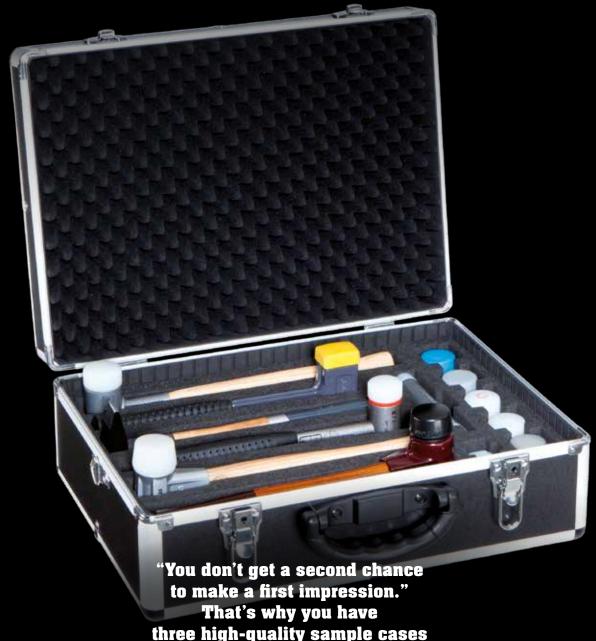
GERMAN HAMMER COMPETENCE

MHALDER HALLDER SIMPLEX 50

The two leading hammer manufacturers HALDER and PICARD operate on the market with a joint strategy and a single owner. The breakthrough product that started it all for both companies is the hammer.

Today, HALDER and PICARD spearhead the markets for soft-face mallets and lath hammers, respectively.

Both companies are family businesses with great tradition. Better yet, the product portfolios of these two premium brands complement each other perfectly. HALDER and PICARD combined offer the most comprehensive range of high-quality striking tools available in the world today.



three high-quality sample cases at your disposal for a neat presentation of the Halder range of tools - useful Sales Tools for a

SMASHING

SAMPLE CASE

UNIVERSAL

Art. No.	[g]	Selection of the most common soft-face mallets from different fields of application
3000.993	10.500	NEW

Fit-out:



INDIVIDUAL

4.4 No	<u>i</u>	Fit-out to customer specifications
Art. No.	[g]	
3000.994	depending on assortment NE	W

PRODUCT PRESENTATION



> POS DISPLAY STAND

Halder offers a flexible in-store display stand system for optimum product promotion and presentation for different groups of customers.



> IMPACT TESTING STATION

Can be used to test the recoilless soft-face mallet and the MAXX-CRAFT locksmith's hammer and compare them to a standard locksmith's hammer. The station consists of an aluminium frame filled with scrap steel and a 2.5 cm thick steel plate for minimum noise. Includes the MAXXCRAFT, SECURAL and SUPERCRAFT soft-face mallet and safety glasses.



COUNTER DISPLAY

For the optimum presentation of Halder soft-face mallets with a diameter between 25 mm and 50 mm on the sales counter.



→ COUNTER DISPLAY

For the perfect presentation of SUPERCRAFTmallets with fluorescing yellow powder coating on the sales counter.

GLOSSARY

Art. No.	Page	Art. No.	Page						
3000.993	89	3023.030	25	3122.030	40	3377.025	61	3703.030	16
3000.994	89	3023.040	25	3122.040	40	3377.030	61	3703.040	16
		3023.050	25	3122.050	40	3377.035	61	3703.050	16
3001.030	14	3023.060	25	3122.060	40	3377.040	61	3703.060	16
3001.040	14	3023.260	44			3377.045	61	0704000	
3001.050	14	3026.030	25	3127.030 3127.040	27 27	3377.050 3377.060	61 61	3704.030 3704.040	21 21
3001.060	14	3026.030	25 25	3127.040	27 27	3377.060	61	3704.040	21
3002.030	15	3026.050	25	3127.060	27			3706.030	18
3002.040	15	3026.060	25			3377.130	62	3706.040	18
3002.050	15	3026.260	44	3201.030	37	3377.140	62	3706.050	18
3002.060	15			3201.040	37	3377.150	62	3706.060	18
3002.080	15	3027.030	25	3201.050	37	3377.160	62		
3002.081	32	3027.040	25	3201.051	52			3707.030	17
3002.100	32	3027.050	25	3201.060	37	3379.040	65	3707.040	17
3002.260	43	3027.060	25			3379.050	65	3707.050	17
3002.261	46	3027.080	25	3202.030	37	3379.060	65	3707.060	17
0000 000	10	3027.081	35	3202.040	37	0000 040	00	3707.080	17
3003.030 3003.040	16 16	3027.100 3027.260	35 45	3202.050 3202.060	37 37	3380.040 3380.045	69 69	3708.030	19
3003.040	16	3027.261	46	3202.080	37	3300.043		3708.040	19
3003.060	16		40	3202.000	37	3389.040	62	3708.050	19
		3028.030	26	3202.100	43	3389.050	62	3708.060	19
3006.030	18	3028.040	26			3389.060	62	3708.080	19
3006.040	18	3028.050	26	3203.030	37			3708.081	33
3006.050	18	3028.060	26	3203.040	37	3408.010	71		
3006.060	18	3028.080	26	3203.050	37	3408.012	71	3709.030	20
		3028.081	35	3203.060	37	3408.015	71	3709.040	20
3007.030	17	3028.260	45			3408.020	71	3709.050	20
3007.040	17			3206.030	38	3408.025	71	3709.060	20
3007.050	17	3029.030	26	3206.040	38	3408.030	71	3709.080	20
3007.060	17	3029.040	26	3206.050	38	3408.035	71	3709.081	34
3007.080	17	3029.050	26	3206.060	38	3408.040	71		
3007.081	32	3029.060	26			3408.045	71	3711.030	40
3007.100	32	3029.080	26	3207.030	38	3408.050	71	3711.040	40
3007.125	32	3029.260	45	3207.040	38			3711.050	40
3007.141	32			3207.050	38	3508.010	71	3711.060	40
3007.160	78	3089.030	26	3207.051	52	3508.012	71	3711.080	40
3007.750	79 70	3089.040	26	3207.060	38	3508.015	71	0700 000	
3007.751	79	3089.050 3089.060	26 26	3207.080 3207.100	38 38	3508.020 3508.025	63/71	3728.030 3728.040	28 28
3008.030	19	3089.080	26 26	3207.100	38	3508.025	63/71 63/71/75	3728.050	28
3008.040	19	3089.081	35	3207.123	38	3508.035	63/71/75	3728.060	28
3008.050	19			5207.141		3508.033	63/71	3728.080	28
3008.060	19	3101.030	14	3208.030	38	3508.045	63/71		
3008.080	19	3101.040	14	3208.040	38	3508.050	63/71	3748.030	28
3008.081	33	3101.050	14	3208.050	38	3508.060	63	3748.040	28
		3101.051	51	3208.060	38	3508.070	63		
3009.030	20	3101.060	14	3208.080	38	3508.080	63	3749.030	28
3009.040	20					3508.100	63	3749.040	28
3009.050	20	3102.030	15	3209.030	39				
3009.060	20	3102.040	15	3209.040	39	3511.040	69	3804.030	39
3009.080	20	3102.050	15	3209.050	39	3511.045	69	3804.040	39
3009.081	34	3102.060	15	3209.060	39				
2011 020	40	2102.020	16	3209.080	39	3555.370	82	3844.030	41
3011.030	40	3103.030	16	2010 160	90	2556 260	00	3844.040 3844.060	41
3011.040 3011.050	40 40	3103.040 3103.050	16 16	3210.160 3210.750	80 81	3556.260	82	3844.080	41 41
3011.060	40	3103.060	16	3210.751	81	3566.025	63	3844.081	41
3011.080	40			0210.701		3566.030	63		
3011.100	40	3106.030	18	3244.030	41	3566.040	63	3906.025	55
3011.125	40	3106.040	18	3244.040	41	3566.060	63	3906.030	55
3011.160	80	3106.050	18	3244.050	41	3566.081	63	3906.040	55
3011.750	81	3106.060	18	3244.060	41	3566.100	63	3906.050	55
				3244.061	41	-			
3012.030	24	3107.030	17	3244.080	41	3666.003	73	3908.025	55
3012.040	24	3107.040	17	3244.081	41	3666.005	73	3908.030	55
3012.050	24	3107.050	17	3244.100	41	3666.008	73	3908.040	55
3012.060	24	3107.051	51	3244.160	80	3666.010	73	3908.050	55
3012.260	44	3107.060	17	3244.750	81	0077.000		0044.005	
3012.261	47	2100 000	10	2000 000	70	3677.030	75 75	3944.025	57 57
3013.030	24	3108.030 3108.040	19 19	3266.003 3266.005	73 73	3677.035	75	3944.040	57
3013.030	24 24	3108.050	19	3266.005	73 73	3688.001	53	3966.025	57
3013.050	24	3108.060	19	3266.010	73	3688.002	85	3966.030	57
3013.060	24					3688.003	85	3966.040	57
		3113.030	27	3366.020	61			3966.050	57
3017.030	24	3113.040	27	3366.025	61	3701.030	14		
3017.040	24	3113.050	27	3366.030	61	3701.040	14	3968.025	56
3017.050	24	3113.060	27	3366.035	61	3701.050	14	3968.030	56
3017.060	24	-		3366.040	61	3701.060	14	3968.040	56
		3117.030	27	3366.045	61			3968.050	56
3022.260	43	3117.040	27	3366.050	61	3702.030	15		
3022.261	46	3117.050	27	3366.060	61	3702.040	15	3988.025	57
		3117.051	51	3366.070	61	3702.050	15	3988.030	57
		3117.060	27	3366.080	61	3702.060	15	3988.040	57
		-		3366.081	62	3702.080	15	3988.050	57
				3366.107	62	-		-	
				3366.110	62			www.halde	r.com / 91



A GOOD INVESTMENT: IN MANUFACTURING QUALITY

For more than 80 years, Erwin Halder KG has been a reliable and competent partner for trade, industry and commerce. This is not only due to our high-quality products made in Germany, but also to the individual support that we give our customers.

Still today, the entire process chain is in the hands of our family business - from development to production and worldwide distribution. Throughout, we attach the greatest importance to sustainability in all areas. Test the original, for

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SAFETY INFORMATION

To reduce the risks for the user and for other people in the same working area, the following safety instructions must be observed when working with our soft-face mallets:

- We recommend that you wear suitable protective clothing (e.g. protective gloves, safety eyewear) when working with soft-face mallets.
- 2 When striking with soft-face mallets, maintain an adequate safety distance to other persons and objects.
- 3 When striking heat-treated workpieces, always use a soft-face mallet with plastic inserts.
- Only use a soft-faced mallet for the purpose for which it is intended. Avoid jarring blows and only use the striking faces of the mallet, never the side of the housing.
- 5 Select the appropriate hammer weight and diameter with regard to the work to be performed.
- 6 Before every use, check that the components of the soft-face mallet are properly aligned and tightened.
- 7 Never use a hammer with chips or burrs on the striking face. Worn replaceable parts (replacement inserts, wooden handles) must be replaced.
- 8 On warranty and safety grounds, only use original Halder replacement parts for Halder soft-face mallets.
- 9 Follow the fitting instructions on page 13 when fitting SIMPLEX replacement parts.
- 10 Never strike one hammer against another.
- Make sure that the soft-face mallet is carefully maintained and properly stored after use.

In addition to the above safety instructions, please observe any country-specific standards and regulations.

AHALDER

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