HALDER

THE ORIGINAL FOR PROFESSIONALS

Soft-face mallets and forestry tools

FIELDS OF APPLICATION

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

3027 SIMPLEX soft-face mallet · rubber comp./superplastic · Ø 80-100 mm

→ Natural stone setting masonry-/stairs setting

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

→ Concrete formwork

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

MAINTENANCE/REPAIR

→ 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

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

3666 MAXXCRAFT locksmith's hammer · 300-1.000 g

→ Automotive and truck sector

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

3749 SIMPLEX soft-face mallet · copper/soft metal · Ø 30-40 mm

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

3408 Punch · Ø 10-15 mm

→ Changing stucked tires

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

JOINERY/CARPENTRY

→ Setting light/sensitive workpieces, veneering, furniture assembly

3117 SIMPLEX soft-face mallet · TPE-soft/superplastic · 50:40 · Ø 50 mm

→ Window and door construction

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

→ 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

SHEET 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

→ Positioning and adjusting of workpieces

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

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

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

→ Housing assembly, mould construction

3089 SIMPLEX soft-face mallet · nylon/soft metal · Ø 30-80 mm

AGRICULTURE/FORESTRY

→ Fence construction

3007 SIMPLEX sledge hammer · superplastic · Ø 80-140 mm

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

→ Splitting 1-metre logs, wedge work

3007 SIMPLEX splitting maul · 4.100 g

→ Splitting of coniferous wood, wedge work

3007 SIMPLEX splitting axe · 2.700 g

→ Splitting of hardwood, wedge work

3007 SIMPLEX splitting axe with wedge bars · 2.840 g

→ Splitting 1-metre logs

3556 Halder twisted splitting wedge

→ Splitting of smaller logs/kindling

3555 Halder hand axe · forged

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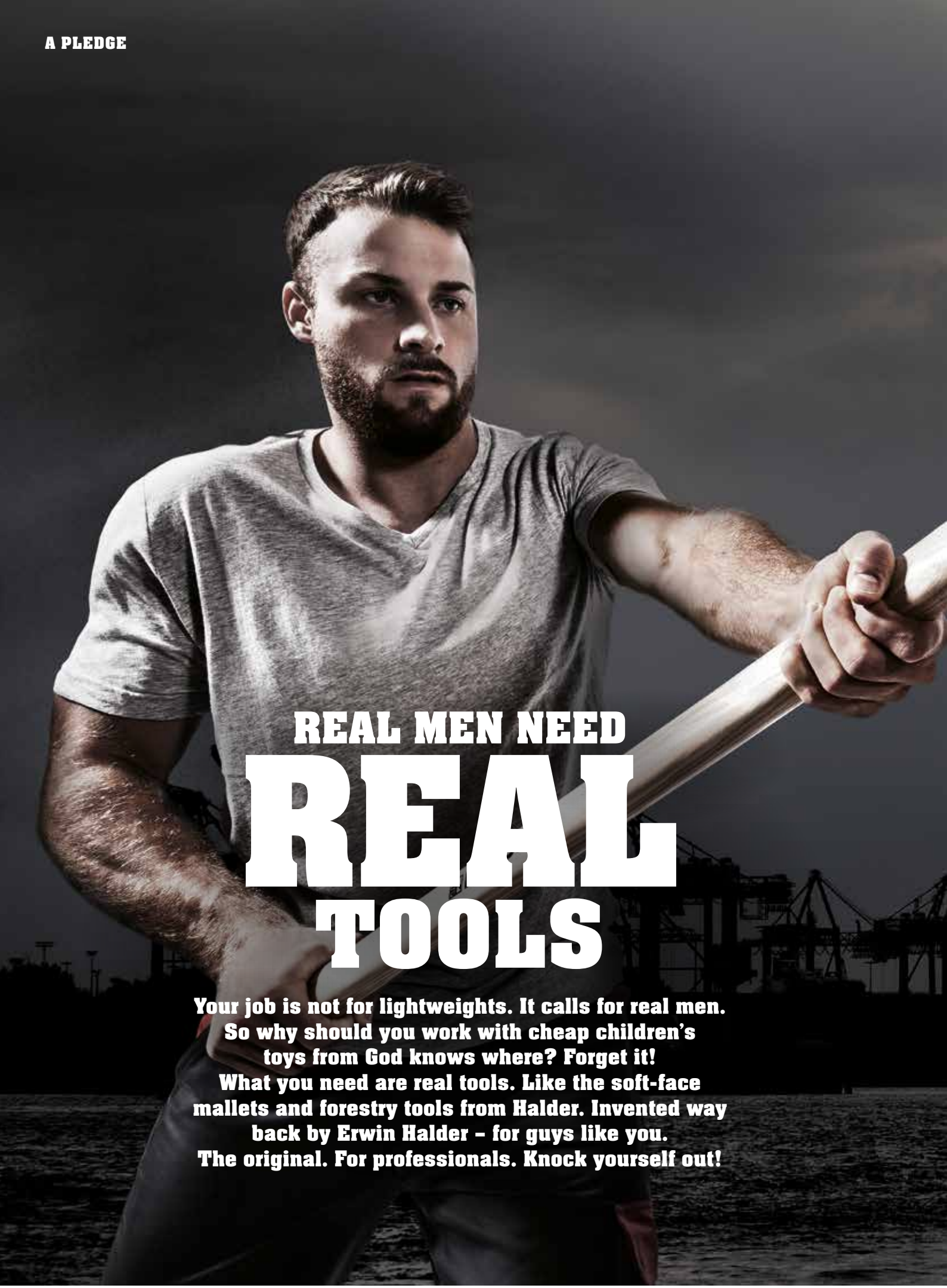


REAL MEN NEED REAL TOOLS

Your job is not for lightweights. It calls for real men. So why should you work with cheap children's toys from God knows where? Forget it! What you need are real tools. Like the soft-face mallets and forestry tools from Halder. Invented way back by Erwin Halder – for guys like you. The original. For professionals. Knock yourself out!

Both as a pro and as a handyman, you need two things to get excellent work results: the ambition to always do a top job, and the tools to support you in this.

For more than 80 years, Halder soft-face mallets and forestry tools have stood for smart solutions and materials of the highest quality, made in Germany.

No wonder that today, our products are considered as indispensible throughout the world – in many different sectors.

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 high-precision 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.

GUARANTEED:
MADE IN GERMANY

HALDER
Besucher
Visitors
Warenverkehr
Deliveries

INGENIOUS: AN INVENTION TAKES THE WORLD BY STORM

"Then I'll just have to make it myself," Erwin Halder may well have said when the company in which he was working in the late 1930s took no interest in his invention. Becoming self-employed was the starting signal for the global triumph of the SIMPLEX soft-face mallets. The principle was and remains as simple as it is clever: Using easily interchangeable inserts of different degrees of hardness, the mallets can be individually adapted to the material on which it is to be used. The advantage is that the workpiece can be treated far more gently and precisely, whilst the strain on the joints of the user is also reduced. The product range has undergone continuous expansion over the years. Alongside numerous versions of the SIMPLEX soft-face mallets, it now includes "SUPERCRAFT" non-rebound mallets as well as tools for forestry, totalling around 350 individual items.

1940

COMPANY FOUNDED
by Erwin Halder, production of the first SIMPLEX soft-face mallet

1950

CONSTRUCTION
of the first factory buildings

Tool and fixture fabrication begins

1960

EXPANSION
of the company head-quarters in Bronnen

Production of the standard parts range begins

Early stages of forming a national and international sales force

1970

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

1980

FIRST COMPUTER SYSTEM
to support office operations

Establishment of a branch factory in neighboring city, Laupheim

Introduction of computer-aided design (CAD) including CAM

1990

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

2000

STEFAN HALDER
takes over management

Founding of subsidiary in the USA.

2010

NEW CONSTRUCTION
of the logistics center

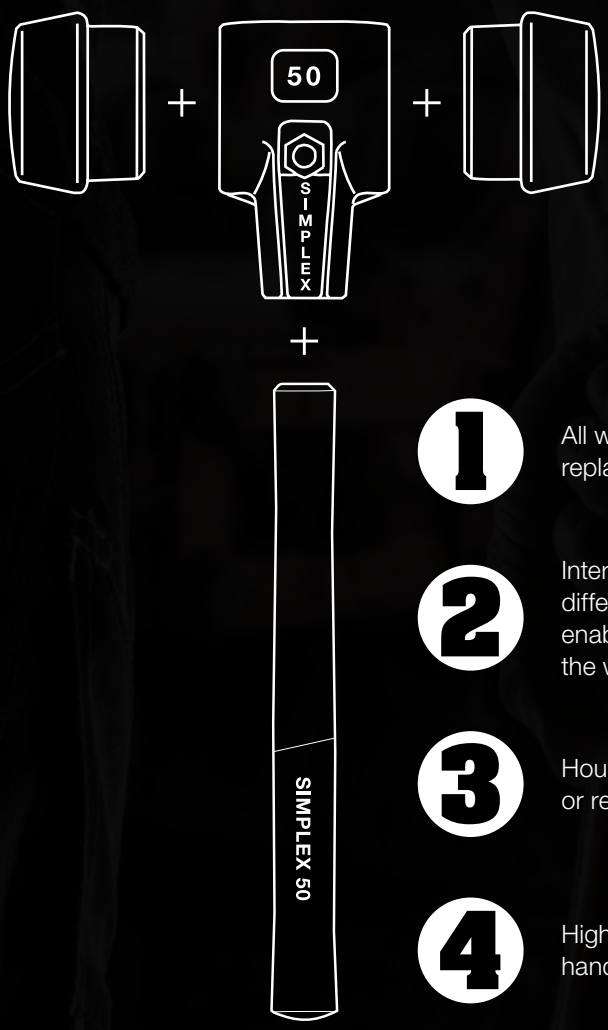
Founding of further subsidiaries in Japan and France

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

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

SIMPLY SMART: THE SIMPLEX PRINCIPLE



1. All wear parts can be easily replaced at any time
2. Interchangeable insert faces with different degrees of hardness enable individual adaptation to the workpiece
3. Housings of cast iron, aluminum or reinforced cast iron
4. High-quality wood or fibreglass handles

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

POSSIBLE COMBINATIONS		INSERTS								FORESTRY TOOLS		
		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
CAST IRON HOUSING WITH WOODEN HANDLE	**30**	15	15	15	15	15	15	17	—	—	—	5
	40	25	25	25	25	25	25	40	—	—	—	6
	50	30	30	30	30	30	30	50	—	—	—	8
	60	40	40	40	40	40	40	75	—	—	—	8
	80	—	50	—	50	—	50	100	—	—	—	10
	100	—	175	—	175	—	—	—	—	—	—	14
	125	—	—	—	175	—	—	—	—	—	—	14
	160 Splitting Maul	—	—	—	160	—	—	—	—	160	—	14
	750/751 Splitting Axe	—	—	—	65	—	—	—	—	—	65	8
ALUMINIUM HOUSING WITH WOODEN HANDLE	**30**	15	15	15	15	15	15	—	—	—	—	5
	40	25	25	25	25	25	25	—	—	—	—	6
	50	30	30	30	30	30	30	—	—	—	—	8
	60	40	40	40	40	40	40	—	—	—	—	8
REINFORCED CAST IRON HOUSING WITH FIBRE-GLASS HANDLE	**30**	40	40	40	40	40	40	40	40	—	—	6
	40	60	60	60	60	60	60	60	60	—	—	8
	50	60	60	60	60	60	60	70	—	—	—	8
	60	60	60	60	60	60	60	80	—	—	—	10
	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 ●○○○○

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 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

EH 3101.

with aluminium housing 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.

with reinforced cast iron housing and fibre-glass handle

Art. No.	∅ [mm]	[mm]	[mm]	[g]
3701.030	30	90	300	450
3701.040	40	115	325	850
3701.050	50	135	370	1.190
3701.060	60	150	410	1.710

Inserts Page 37–39 / Housings Page 40 / Handles Page 41 / Assembly intructions Page 13

Insert:

RUBBER

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, roof framework, maintenance and repair work

EH 3002.

with cast iron housing and high-quality wooden handle

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3002.030	30	90	295	345
3002.040	40	115	325	660
3002.050	50	135	370	1.150
3002.060	60	150	405	1.550
3002.080	80	175	490	2.870

EH 3102.

with aluminium housing and high-quality wooden handle

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3102.030	30	90	295	210
3102.040	40	115	325	405
3102.050	50	135	370	740
3102.060	60	150	405	980

EH 3702.

with reinforced cast iron housing and fibre-glass handle

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3702.030	30	90	300	460
3702.040	40	115	330	890
3702.050	50	135	330	1.250
3702.060	60	150	410	1.830
3702.080	80	175	490	3.420

Inserts Page 37–39 / Housings Page 40 / Handles Page 41 / Assembly instructions Page 13

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.	⌀ [mm]	[mm]	[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

EH 3103.

with aluminium housing and high-quality wooden handle

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

EH 3703.

with reinforced cast iron housing and fibre-glass handle

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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

Inserts Page 37–39 / Housings Page 40 / Handles Page 41 / Assembly intructions Page 13

Insert:

SUPERPLASTIC

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

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

EH 3007.

with cast iron housing and high-quality wooden handle

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.

with aluminium housing and high-quality wooden handle

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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.

with reinforced cast iron housing and fibre-glass handle

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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

Inserts Page 37–39 / Housings Page 40 / Handles Page 41 / Assembly instructions Page 13

Insert:

PLASTIC

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

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 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

EH 3106.

with aluminium housing 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

EH 3706.

with reinforced cast iron housing and fibre-glass handle

Art. No.	⌀ [mm]	[mm]	[mm]	[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

Inserts Page 37–39 / Housings Page 40 / Handles Page 41 / Assembly intructions Page 13

Insert:

NYLON

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

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 3008.

with cast iron housing and high-quality wooden handle

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.

with aluminium housing and high-quality wooden handle

Art. No.	∅ [mm]	[mm]	[mm]	[g]
3108.030	30	90	295	215
3108.040	40	115	325	395
3108.050	50	135	370	720
3108.060	60	150	405	930

EH 3708.

with reinforced cast iron housing and fibre-glass handle

Art. No.	∅ [mm]	[mm]	[mm]	[g]
3708.030	30	90	300	460
3708.040	40	115	330	880
3708.050	50	135	330	1.240
3708.060	60	150	410	1.820
3708.080	80	175	490	3.390

Inserts Page 37–39 / Housings Page 40 / Handles Page 41 / Assembly instructions Page 13

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 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
3009.060	60	150	405	1.950
3009.080	80	175	490	3.860

EH 3709.

with reinforced cast iron housing and fibre-glass handle

Art. No.	∅ [mm]	[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
3709.080	80	175	490	4.290

Inserts Page 37–39 / Housings Page 40 / Handles Page 41 / Assembly intructions Page 13

Insert:

COPPER

Copper with plastic socket / hard hardness ●●●●●

Application:

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

EH 3704.

with reinforced cast iron housing and fibre-glass handle

Art. No.	∅ [mm]	[mm]	[mm]	[g]
3704.030	30	90	300	690
3704.040	40	115	330	1.410

APPLICATION

GET A GRIP –

BLUE / GREY
Our two non-marring TPE-soft and TPE-mid inserts are ideal for use with sensitive materials such as natural stone, window frames or wood.

APPLICATIONS

STRIKE A BLOW

BLACK / WHITE
The combination of rubber composition and superplastic inserts rank among the best-selling pairs. They are perfectly suited for gardening work and landscaping, e.g. for laying and paving curbstones.

BLACK / RED
The combination of rubber composition and plastic is also popular, e.g. for assembly work.

INSERT COMBINATIONS

with cast iron housing and high-quality wooden handle

EH 3012.

Insert combination:
Rubber
TPE-soft

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3012.030	30	90	295	340
3012.040	40	115	325	640
3012.050	50	135	370	1.095
3012.060	60	150	405	1.480

Application:
Gardening and landscaping, paving, floor tiling

EH 3013.

Insert combination:
TPE-mid
TPE-soft

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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

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

EH 3017.

Insert combination:
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

Inserts Page 37–39 / Housings Page 40 / Handles Page 41 / Assembly intructions Page 13

INSERT COMBINATIONS

with cast iron housing and high-quality wooden handle

EH 3023.

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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

Insert combination:
TPE-mid
Rubber

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

EH 3026.

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

Insert combination:
Rubber
Plastic

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.

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

Insert combination:
Rubber
Superplastic

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

INSERT COMBINATIONS

with cast iron housing and high-quality wooden handle

EH 3028.

Insert combination:
Nylon
Rubber

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3028.030	30	90	295	355
3028.040	40	115	325	650
3028.050	50	135	370	1.140
3028.060	60	150	405	1.520
3028.080	80	175	490	2.890

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

EH 3029.

Insert combination:
Soft metal
Rubber

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3029.030	30	90	295	375
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

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:
Soft metal
Nylon

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3089.030	30	90	295	360
3089.040	40	115	325	680
3089.050	50	135	370	1.265
3089.060	60	150	405	1.730
3089.080	80	175	490	3.460

Application:
Mould construction, plant construction, assembly and repair work in the automotive and truck sector

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INSERT COMBINATIONS

with aluminium housing and high-quality wooden handle

EH 3113.

Art. No.	∅ [mm]	[mm]	[mm]	[g]
3113.030	30	90	295	185
3113.040	40	115	325	345
3113.050	50	135	370	635
3113.060	60	150	405	850

Insert combination:
TPE-soft
TPE-mid

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

EH 3117.

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

Insert combination:
TPE-soft
Superplastic

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

EH 3127.

Art. No.	∅ [mm]	[mm]	[mm]	[g]
3127.030	30	90	295	200
3127.040	40	115	325	375
3127.050	50	135	370	680
3127.060	60	150	405	950

Insert combination:
Rubber
Superplastic

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

INSERT COMBINATIONS

with reinforced cast iron housing and fibre-glass handle

EH 3728.

Insert combination:
Nylon
Rubber

Art. No.	∅ [mm]	[mm]	[mm]	[g]
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
Copper

Art. No.	∅ [mm]	[mm]	[mm]	[g]
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.

Insert combination:
Soft metal
Copper

Art. No.	∅ [mm]	[mm]	[mm]	[g]
3749.030	30	90	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

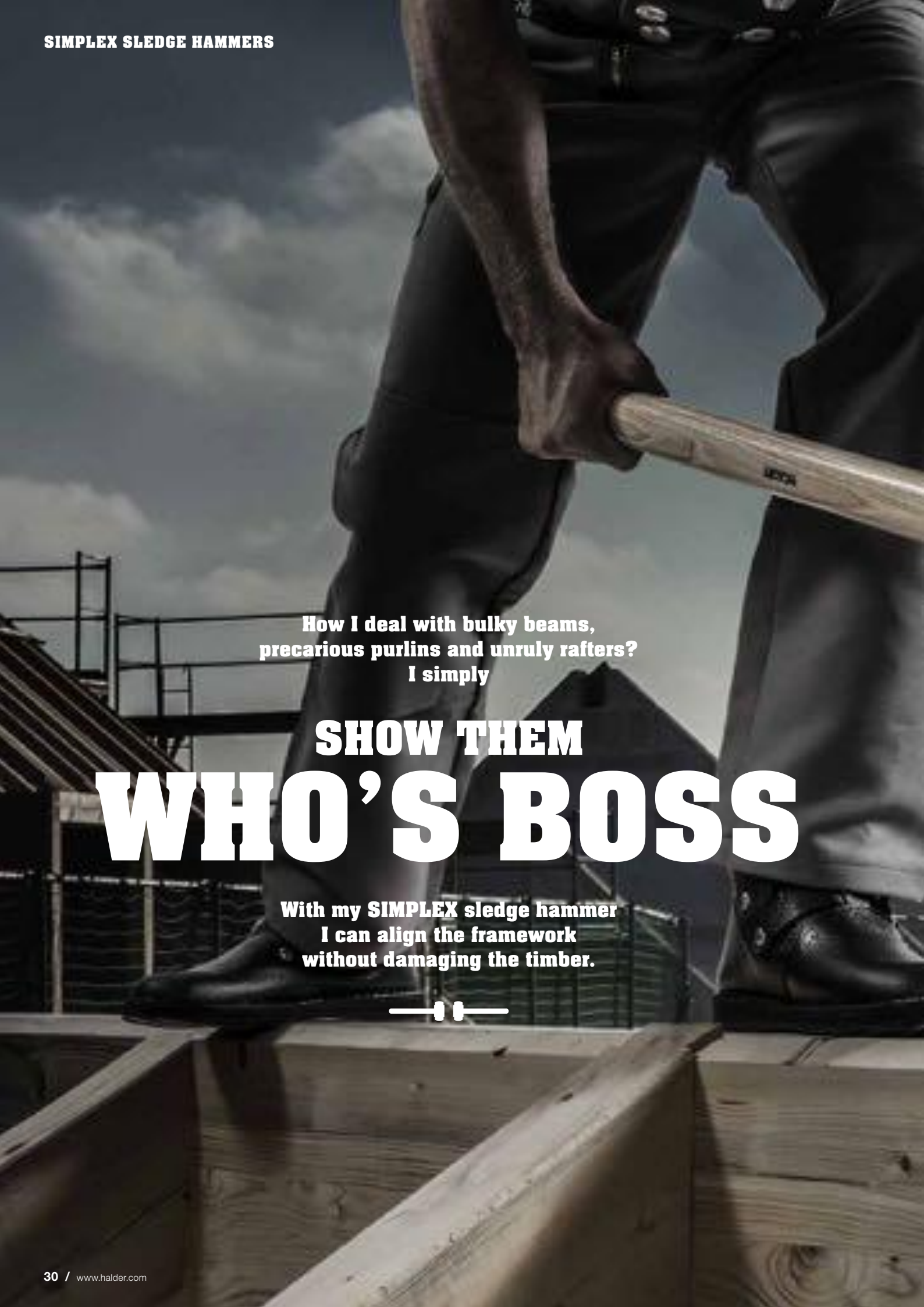
Inserts Page 37–39 / Housings Page 40 / Handles Page 41 / Assembly intructions Page 13

SINGLE PIECE FORGING

REINFORCED CAST IRON HOUSING
Increased wall strength and bracing in this reinforced cast iron housing ensure high stability – especially when using SIMPLEX copper inserts. The additional increase in weight gives the mallet far higher impact.

ALUMINIUM HOUSING
Delivering high precision inserts is possible thanks to an extremely lightweight-housing. Mallets with this housing are precise and well suited for work on sensitive workpieces.

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



How I deal with bulky beams, precarious purlins and unruly rafters? I simply

SHOW THEM WHO'S BOSS

With my SIMPLEX sledge hammer I can align the framework without damaging the timber.

Insert:

RUBBER COMPOSITION

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

EH 3002.

with cast iron housing and hickory handle

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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

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

Inserts Page 37–39 / Housings Page 40 / Handles Page 41 / Assembly intructions Page 13

Insert:

NYLON

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

EH 3008.

with cast iron housing and hickory handle

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3008.081	80	175	800	3.400

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.

with reinforced cast iron housing and fibre-glass handle

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3708.081	80	175	800	3.640

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.	∅ [mm]	[mm]	[mm]	[g]
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.	∅ [mm]	[mm]	[mm]	[g]
3709.081	80	175	800	4.650

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

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INSERT COMBINATIONS

with cast iron housing and hickory handle

EH 3027.

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.	⌀ [mm]	[mm]	[mm]	[g]
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.

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3028.081	80	175	800	3.470

Insert combination:
Rubber
Nylon

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

INSERT
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 ●○○○○

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

TPE-MID
medium hard / non-marring
hardness ●●○○○

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

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

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

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 ●○○○○

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.	∅ [mm]	[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.	∅ [mm]	[g]
3203.030	30	22
3203.040	40	45
3203.050	50	85
3203.060	60	140

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

Application:
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

Housings Page 40 / Handles Page 41 / Assembly instructions Page 13

INSERTS

SUPERPLASTIC

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

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 ●●●●○

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 ●●●●○

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

Housings Page 40 / Handles Page 41 / Assembly intructions Page 13

SOFT METAL

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

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

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

Copper with plastic socket / hard
hardness ●●●●●

Art. No.	∅ [mm]	[g]
3804.030	30	145
3804.040	40	325

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

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HOUSINGS

CAST IRON HOUSING

including screw, nut and spring washer

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.	∅ [mm]	[g]
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

Art. No.	∅ [mm]	[g]
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

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HIGH-QUALITY WOODEN HANDLE

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

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.	⌀ [mm]	↔ [mm]	[g]
3244.061	60	700	530
3244.081	80	700	610
3244.100	100/125/140	900	890

NEW

for SIMPLEX sledge hammers with cast iron housing

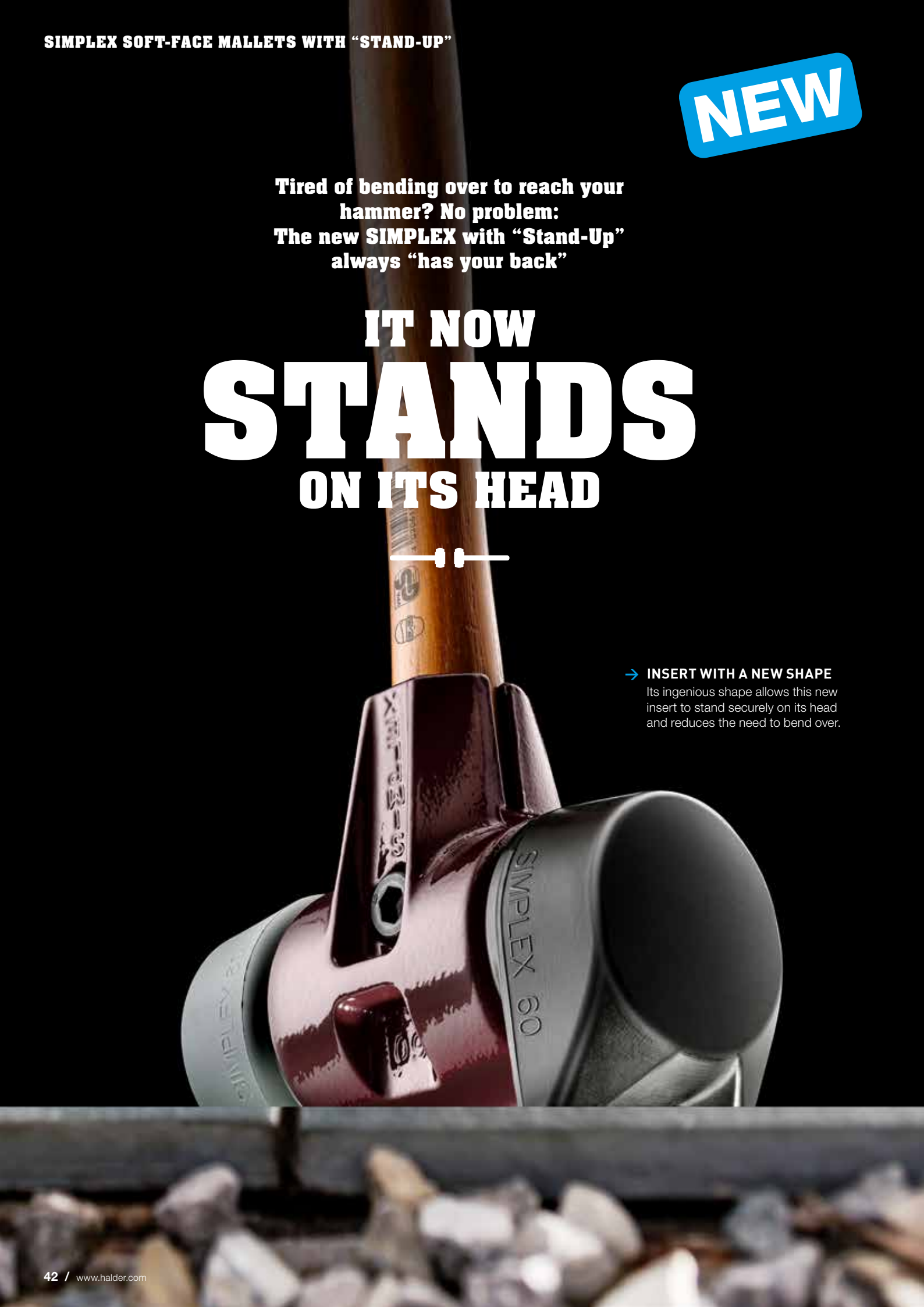
Hickory: high density, long-stranded, very robust, varnished, ergonomic

Inserts Page 37–39 / Housings Page 40 / Assembly instructions Page 13

NEW

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

IT NOW 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.

INSERT COMBINATIONS

with cast iron housing and high-quality wooden handle

INSERTS

Art. No.	⌀ [mm]	[g]
3202.260	60	200

“Stand-Up” Design Rubber

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, roof framework, maintenance and repair work

EH 3002.

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3002.260	60	150	405	1.600

Insert:
“Stand-Up” Design Rubber

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.	⌀ [mm]	[mm]	[mm]	[g]
3022.260	60	150	405	1.580

Insert combination:
“Stand-Up” Design Rubber
Rubber, round

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

NEW

INSERT COMBINATIONS

with cast iron housing and high-quality wooden handle

EH 3012.

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

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3012.260	60	150	405	1.500

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

Application:
Gardening and landscaping, paving, floor tiling

EH 3023.

Insert combination:
“Stand-Up” Design Rubber
TPE-mid, round

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.	⌀ [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

Inserts Page 37–39 and 43 / Housings Page 40 / Handles Page 41 / Assembly instructions Page 13

INSERT COMBINATIONS

with cast iron housing and high-quality wooden handle

EH 3027.

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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.	⌀ [mm]	[mm]	[mm]	[g]
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.

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

EH 3029.

Art. No.	⌀ [mm]	[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

INSERT COMBINATIONS

with cast iron housing and Hickory handle

NEW

EH 3002.

Insert combination:
“Stand-Up” Design Rubber

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.	⌀ [mm]	[mm]	[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

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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

Inserts Page 37–39 and 43 / Housings Page 40 / Handles Page 41 / Assembly instructions Page 13

INSERT COMBINATIONS

with cast iron housing and Hickory handle

EH 3012.

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3023.261	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

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

POUND IT GENTLY

Better use the original: SIMPLEX by Halder.

PLUS 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 work-pieces 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 [mm]	[mm]	[mm]	[g]
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]	[mm]	[mm]	[g]
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]	[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

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INSERTS

TPE-SOFT 50:40

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

Art. No.	⌀ [mm]	[g]
3201.051	50	80

SUPERPLASTIC 50:40

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

Art. No.	⌀ [mm]	[g]
3207.051	50	80

APPLICATION

Housings Page 40 / Handles Page 41 / Assembly instructions Page 13

MALLET BLOCK

EH 3688.

Art. No.	[mm]	[mm]	[mm]	[g]
3688.001	200	140	40	1.065

Packing unit: 10 pcs.

durable, heavy-duty special plastic

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

HIT IT: THAT FITS!

→ **SPECIAL PLASTIC**
durable, heavy-duty
Hardness ●●●○○

ALL-ROUNDER

INSERTS
Thanks to different characteristics, the interchangeable cellulose acetate and nylon inserts enable individual adaptation to the workpiece.

HOUSING
High-quality zinc die cast base body with handle impact protection and a technically exigent slot for the inserts.

WOODEN HANDLE
Ergonomically shaped, varnished wooden shaft for a powerful blow.

Insert:

CELLULOSE ACETATE

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

EH 3906.

with zinc die cast housing and wooden handle

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

Application:
Versatile use material, for ordinary use

Insert:

NYLON

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

EH 3908.

with zinc die cast housing and wooden handle

Art. No.	⌀ [mm]	[mm]	[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

INSERT COMBINATION

EH 3968.

with zinc die cast housing and wooden handle

Insert combination:
Cellulose acetate
Nylon

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3968.025	25	86	270	215
3968.030	30	95	280	360
3968.040	40	107	325	510
3968.050	50	115	340	940

APPLICATIONS

Inserts Page 57 / Handles Page 57 / Changing inserts Page 64

CELLULOSE ACETATE

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

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.	⌀ [mm]	[mm]	[g]
3944.025	25/30	255	75
3944.040	40/50	290	110

for BASEPLEX soft-face mallets

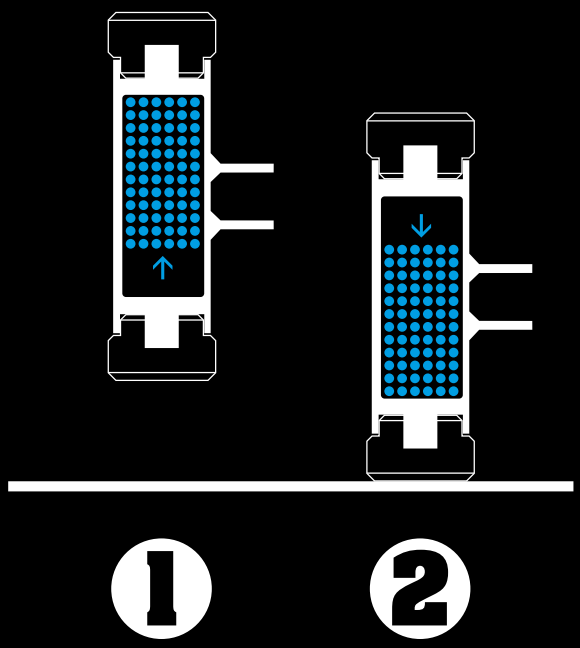
Ergonomic, varnished

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 BLING ON

SUPERCRAFT

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.

with vibration-reducing, ergonomic and varnished hickory handle

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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

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.

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

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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

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

Inserts Page 63 / Handles Page 63 / Changing inserts Page 64

SUPERCRAFT

EH 3377.

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

Art. No.	∅ [mm]	[mm]	[mm]	[g]
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.

with ergonomic, anti-slip and break-proof three-component handle

Art. No.	∅ [mm]	[mm]	[mm]	[g]
3389.040	40	115	370	790
3389.050	50	120	380	1.040
3389.060	60	145	390	1.625

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.

with vibration-reducing, ergonomic and varnished hickory handle

Art. No.	∅ [mm]	[mm]	[mm]	[g]
3366.081	80	200	880	4.410
3366.107	100	210	1.000	7.050
3366.110	100	265	1.000	9.300

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

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INSERTS AND HANDLES

NYLON

Art. No.	∅ [mm]	[g]
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

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

HICKORY HANDLE

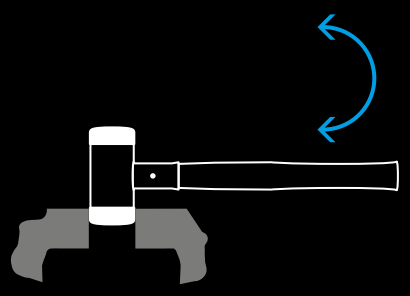
Art. No.	∅ [mm]	[mm]	[g]
3566.025	20/25	280	80
3566.030	30/35	300	100
3566.040	40/45/50	315	140
3566.060	60/70/80	300	190
3566.081	80	800	685
3566.100	100	900	1.030

for SUPERCRAFT soft-face mallets and sledge hammers

Ergonomic, varnished, very robust

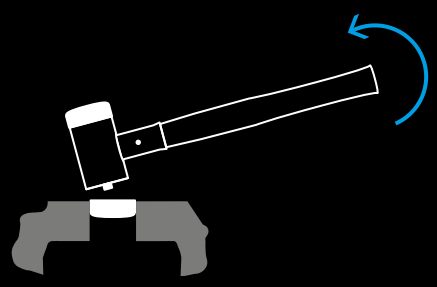
RE-USABLE ENERGY: CHANGING THE INSERT

1



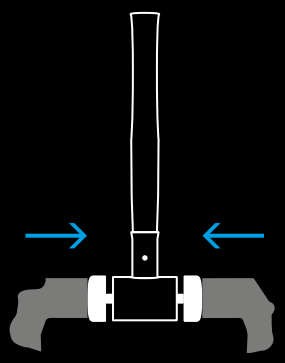
Firmly clamp the used insert in a vice and loosen with a lateral twisting movement.

2



When the insert is loosened, pull the mallet upwards.

3



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

BLACKCRAFT

EH 3379.

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
3379.040	40	110	300	640
3379.050	50	115	310	900
3379.060	60	120	315	1.300

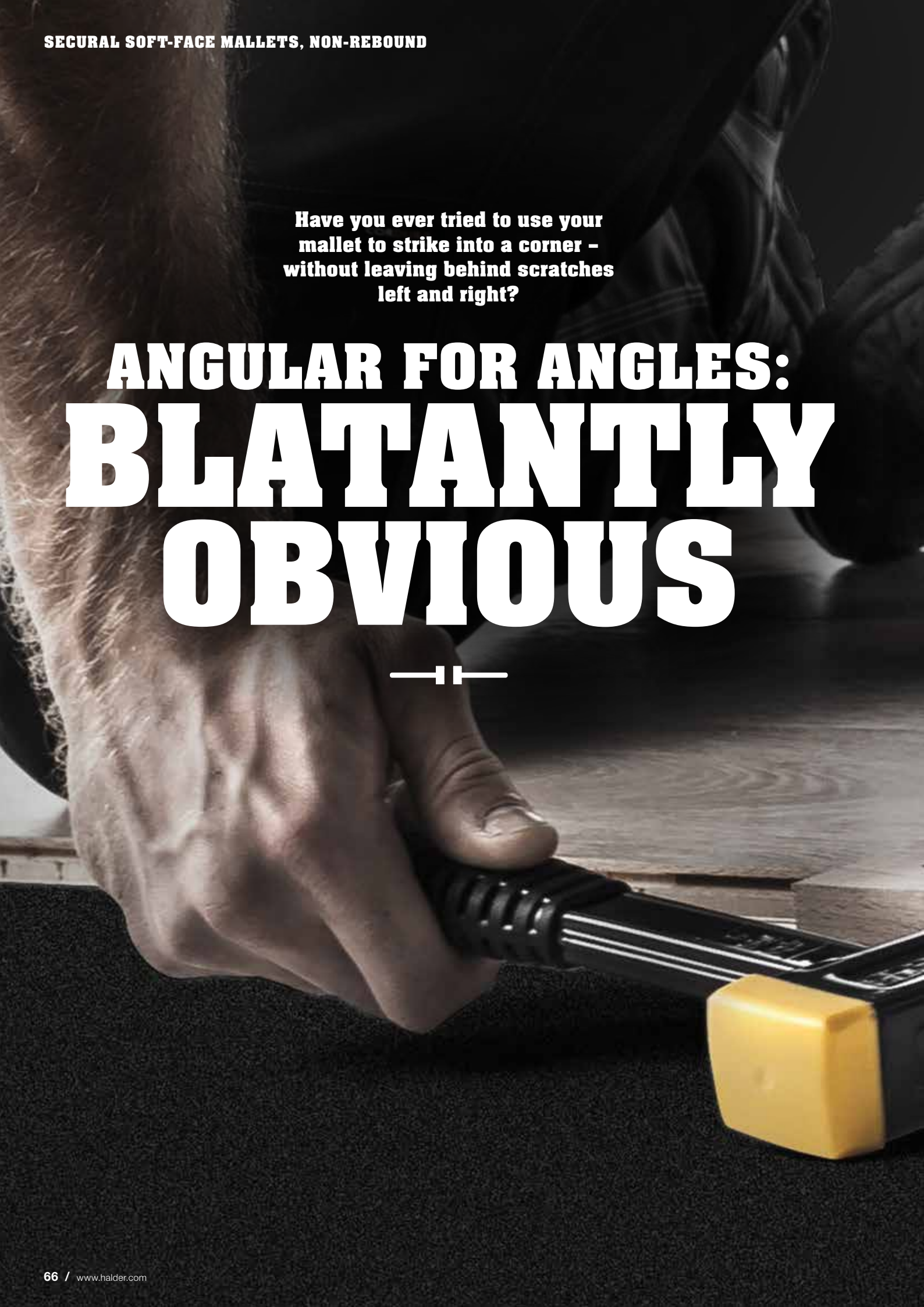
with ergonomic, anti-slip and break-proof steel tube handle

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

PURE STRENGTH

PUR-SHEATHING
The non-rebound BLACKCRAFT soft-face mallet is fully sheathed with polyurethane. This is gentler on the workpieces, protects them against scratches and prevents arcing.



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

ANGULAR FOR ANGLES: BLATANTLY OBVIOUS

THE SPECIALIST FOR CORNERS AND EDGES

RECTANGULAR
Thanks to its rectangular exchangeable inserts, SECURAL is the specialist mallet with benefits when working with corners and edges.

MAXIMUM REBOUND DAMPING
The mass ratio of mallet head to shot is optimally tuned to the spring properties of the striking faces. This together with the low overall weight of the mallet ensures that work is particularly easy on the joints while a very high power of impact is achieved at the same time.

RESILIENT
The longitudinally welded housing ensures an absolutely unbreakable connection between mallet and handle.

EH 3380.

Art. No.	Length x Width [mm]	[mm]	[mm]	[g]
3380.040	30 x 40	117	300	680
3380.045	35 x 45	140	310	1.000

NEW

head and handle made from one piece of steel, rectangular and break-proof inserts

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

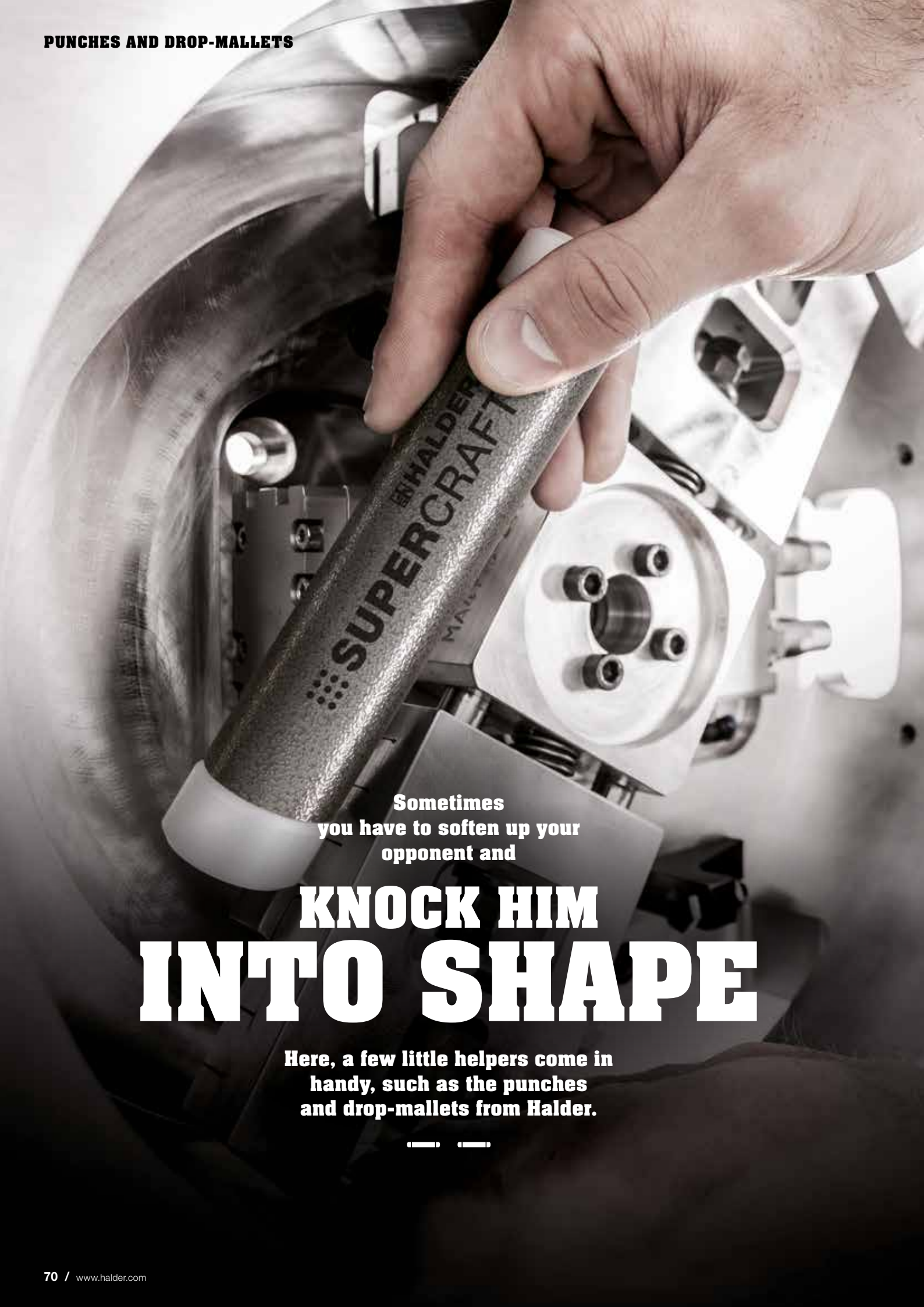
Art. No.	Length x Width [mm]	[g]
3511.040	30 x 40	35
3511.045	35 x 45	55

NEW

Inserts:
rectangular / noise-dampening
impact cushioning / wear-resistant
hardness ●●●○○

APPLICATIONS

Changing inserts Page 64



Sometimes you have to soften up your opponent and

KNOCK HIM INTO SHAPE

Here, a few little helpers come in handy, such as the punches and drop-mallets from Halder.

PUNCHES

Art. No.	∅ [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

Art. No.	∅ [mm]	[mm]	[g]
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

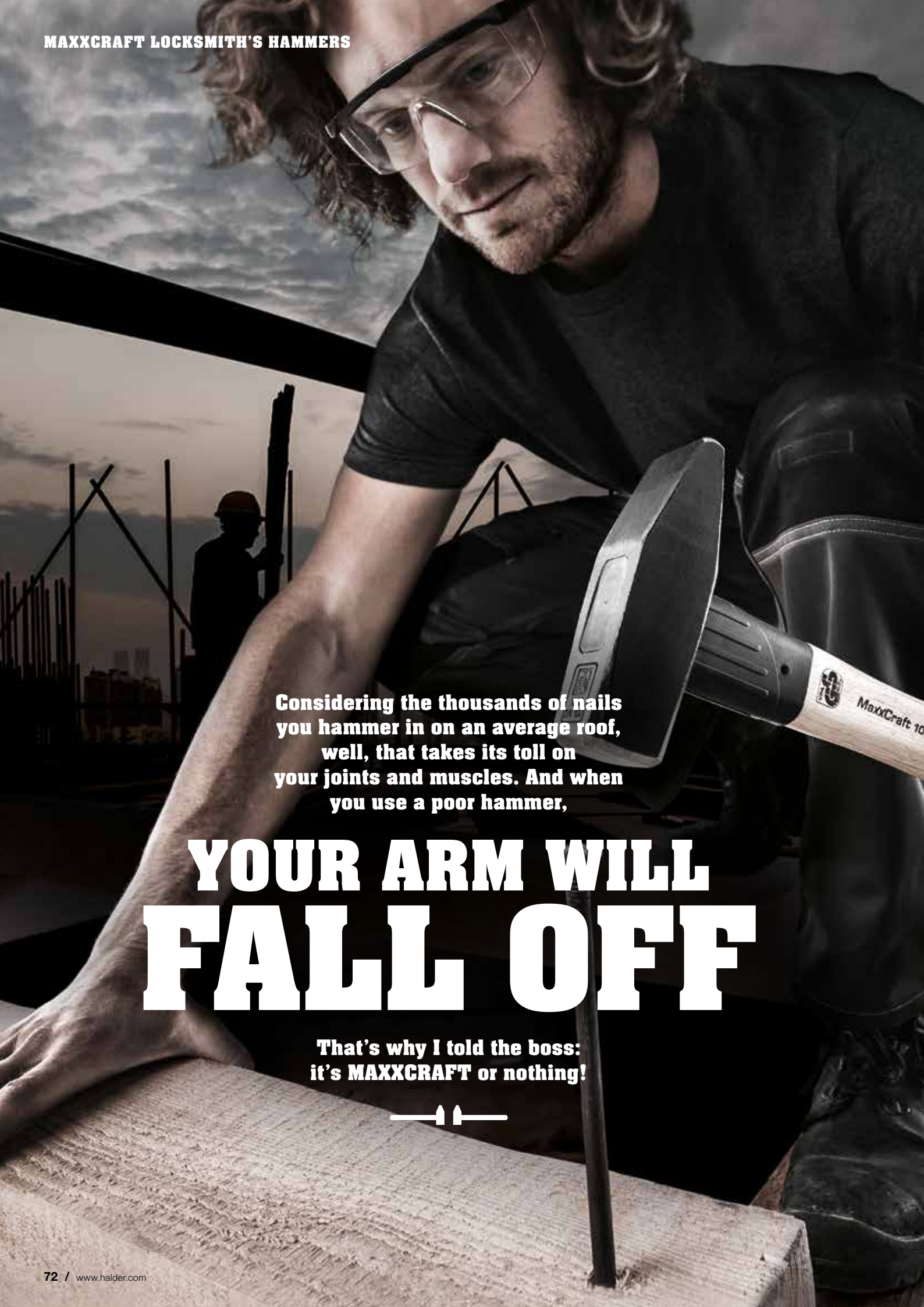
Application:
Also usable as a punch, joining of workpieces, housing assembly, assembly and repair work in the automotive and truck sector, maintenance in an environment of limited accessibility

NYLON

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

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

Changing inserts Page 64



Considering the thousands of nails you hammer in on an average roof, well, that takes its toll on your joints and muscles. And when you use a poor hammer,

YOUR ARM WILL FALL OFF

That's why I told the boss: it's MAXXCRAFT or nothing!

EH 3666.

locksmith's hammer according to DIN 1041

Art. No.	Name	[mm]	[mm]	[g]
3666.003	MAXXCRAFT 300	105	300	300
3666.005	MAXXCRAFT 500	116	320	500
3666.008	MAXXCRAFT 800	131	350	800
3666.010	MAXXCRAFT 1000	135	360	1.000

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

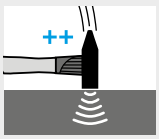
HICKORY HANDLE

for MAXXCRAFT locksmith's hammer

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

1 NOTICEABLY BETTER



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

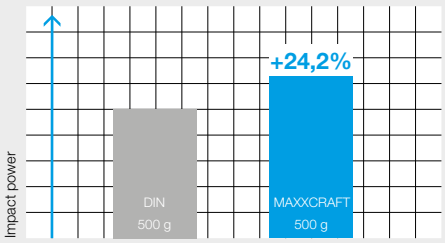
Fatigue-free working gentle on the joints thanks to low vibration on impact.

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

2 MEASURABLY BETTER

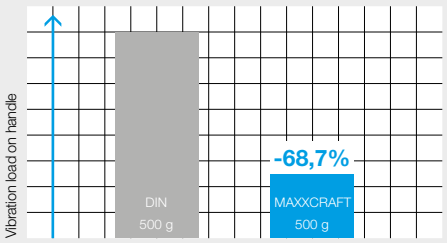
The increase of the power of impact with a simultaneous attenuation of the vibration on the handle has been tested and confirmed by ibe - Ingenieurbüro für Ergonomie.

Impact power measurement* 500 g locksmith's hammer:



Impact power on pendulum ram impact testing machine

Vibration load measurement* 500 g locksmith's hammer:



Vibration load in impact on steel

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

You dare not think about it – how easily

THINGS COULD GO WRONG

If not correctly secured, one mistake and the whole rig collapses onto the stage – then the show is well and truly over. So, always keep your **FERROPLEX** hammer at hand! Otherwise you can forget about the encore.

EH 3677.

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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.	⌀ [mm]	[g]
3508.030	30	17
3508.035	35	23

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

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

APPLICATIONS

Changing inserts Page 64

Got hardwood, lads? Bet you do. Let me show you how to cut it like a pro. My new SIMPLEX splitting axe with its wedge ribs goes through even the toughest logs like a hot knife through butter. Face it: when it comes to splitting,

I HAVE THE WOOD ON YOU

AXE AND HAMMER IN ONE

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

CAST IRON HOUSING
High resistance to breakage and the handle-protection sleeve integrated into the cast iron housing make this axe a durable companion for daily work.

AXE BLADE
The axe blade is die-forged, hardened and tempered, edged and polished – ready for any application.

HICKORY SHAFT
This type of wood has one of the highest densities of any wood and is vibration-damping while retaining its elastic properties. In case of breakage, the long fiber structure ensures maximum safety.

SIMPLEX SPLITTING MAUL

EH 3007.

with cast iron housing
and hickory handle
including leather cutting protection

Art. No.	⌀ [mm]	[mm]	[mm]	[g]
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

Please see page 38 to find the superplastic insert 3207.060 for the SIMPLEX splitting maul / Single components Page 80 / Assembly instructions Page 13

EH 3007.

Art. No.	∅ [mm]	[mm]	[mm]	[g]
3007.750	50	100	765	2.700

thin shape,
with cast iron housing
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.	∅ [mm]	[mm]	[mm]	[g]
3007.751	50	100	765	2.840

with wedge ribs,
cast iron housing
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

Please see page 38 to find the superplastic insert 3207.050 for the SIMPLEX splitting axe / Single components Page 81 / Assembly instructions Page 13

SIMPLEX SPLITTING MAUL SINGLE COMPONENTS

SPLITTING INSERT

including plastic socket

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

Art. No.	[g]
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

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

Please see page 38 to find the superplastic insert 3207.060 for the SIMPLEX splitting maul / Assembly instructions Page 13

SIMPLEX SPLITTING AXE SINGLE COMPONENTS

AXE BLADE

thin shape
including plastic socket

Art. No.	[mm]	[g]
3210.750	100	930

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

with wedge ribs
including plastic socket

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

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

including screw, nut and spring washer

Art. No.	[g]
3011.750	990

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

for SIMPLEX Splitting Axe

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

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

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

Please see page 38 to find the superplastic insert 3207.050 for the SIMPLEX splitting axe / Assembly instructions Page 13

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

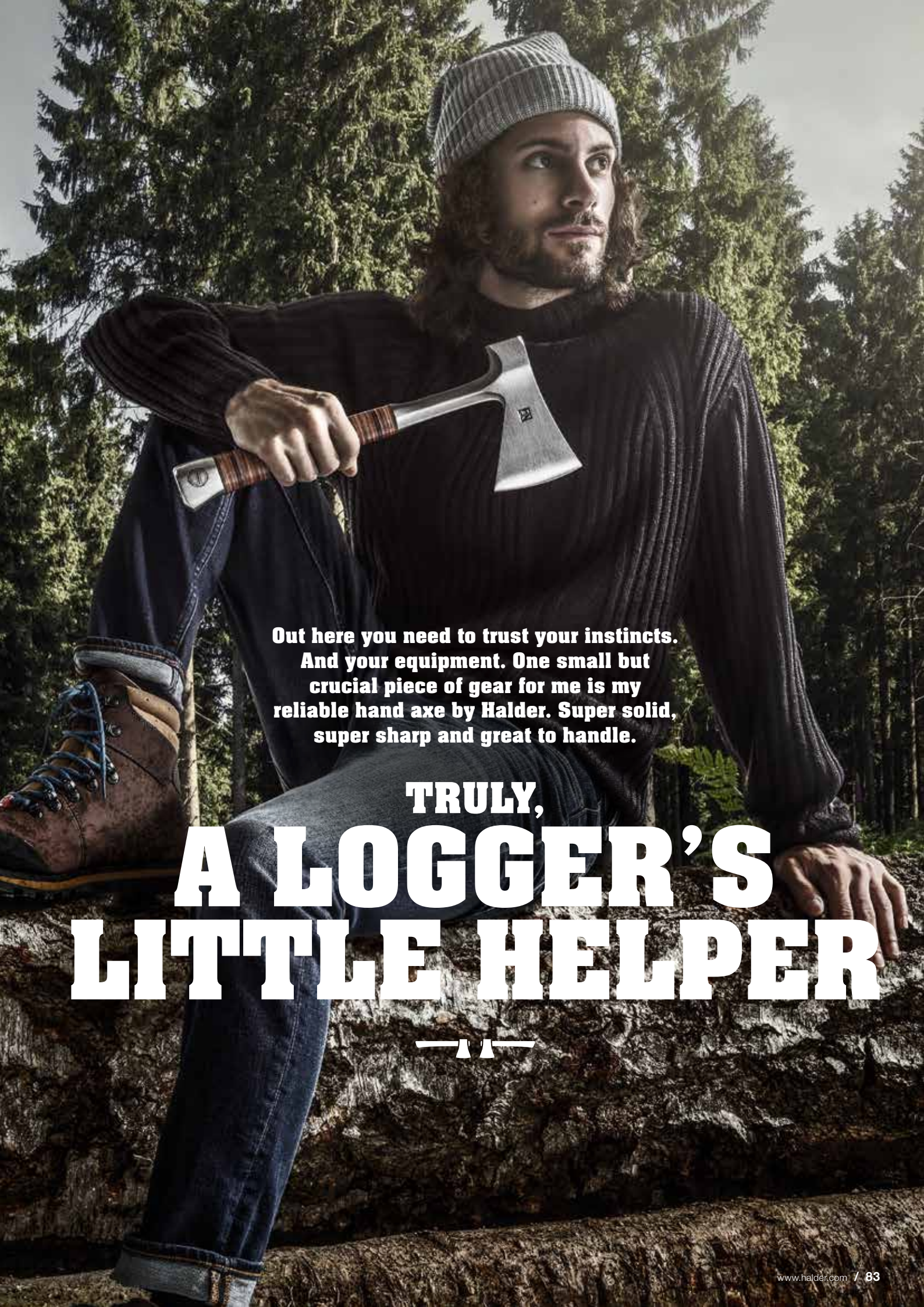
including convenient transport box
made of special plastic

Art. No.	[mm]	[mm]	[g]
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

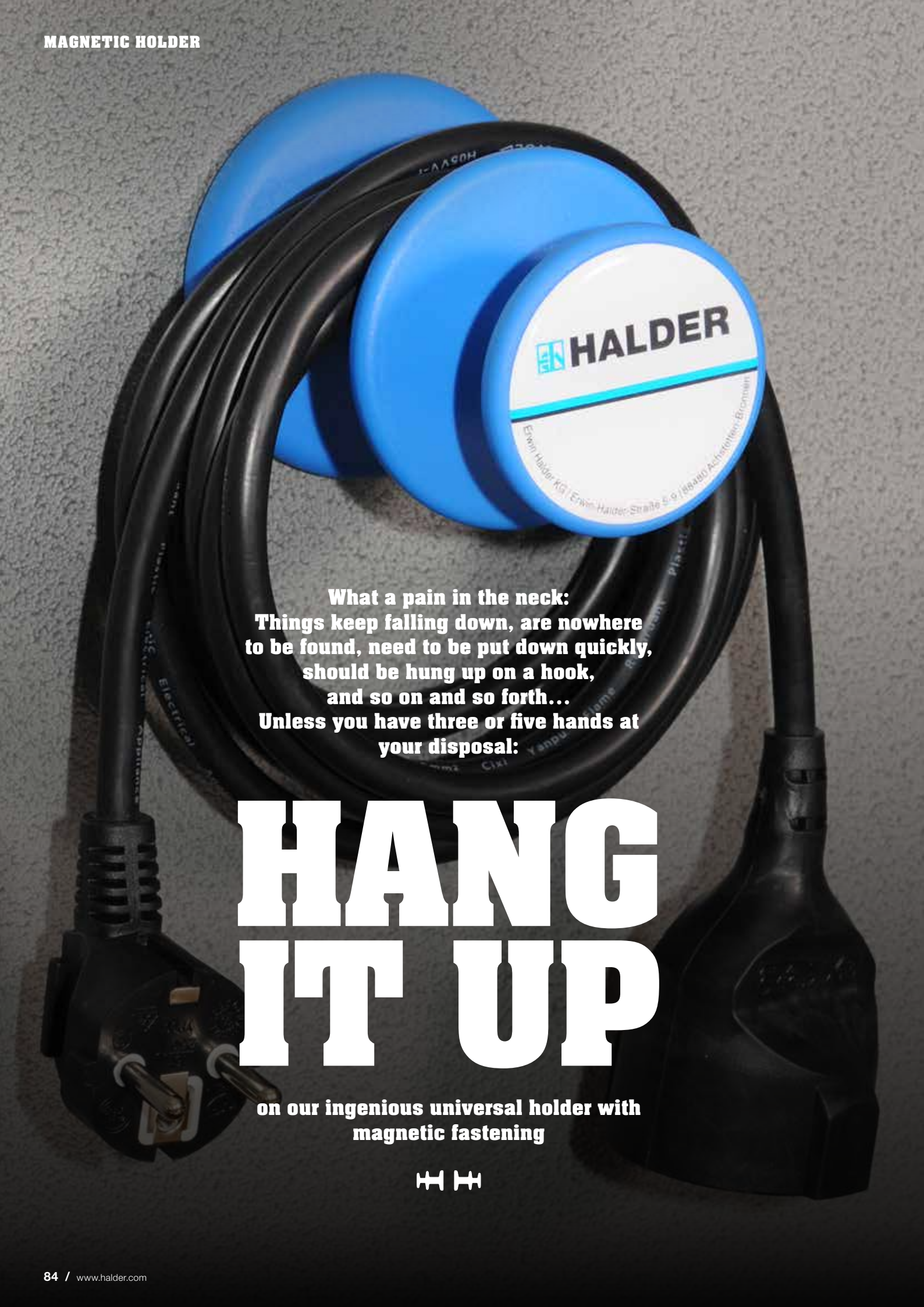
Application:
Efficient and simple splitting 1-metre logs

APPLICATIONS



Out here you need to trust your instincts. And your equipment. One small but crucial piece of gear for me is my reliable hand axe by Halder. Super solid, super sharp and great to handle.

TRULY, A LOGGER'S LITTLE HELPER



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:

HANG IT UP

on our ingenious universal holder with magnetic fastening

EH 3688.

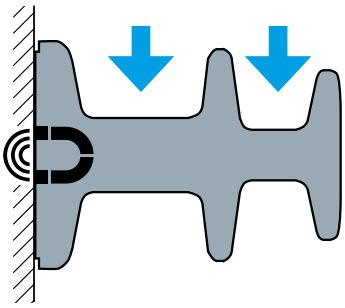
Art. No.	Color	⌀ [mm]	[mm]	[g]
3688.002	blue	75	100	250
3688.003	black	75	100	250

Packing unit: 10 pcs.

Plastic,
with six neodymium magnets

Rugged plastic design, tremendous holding force thanks to neodymium magnets, the rubber-encased magnet prevents scratches and is resistant to oil, the special shape provides for dual-use 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



APPLICATIONS

PICARD

GERMAN HAMMER COMPETENCE

HALDER

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.

"You don't get a second chance to make a first impression." That's why you have three high-quality sample cases at your disposal for a neat presentation of the Halder range of tools – useful Sales Tools for a

SMASHING SUCCESS

UNIVERSAL

Selection of the most common soft-face mallets from different fields of application

Art. No.	[g]	
3000.993	10.500	NEW

Fit-out:

INDIVIDUAL

Fit-out to customer specifications

Art. No.	[g]	
3000.994	depending on assortment	NEW

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 SUPERCRAFT-mallets with fluorescing yellow powder coating on the sales counter.

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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 originals.

CHALLENGE US – WE'LL PROVE OURSELVES.

Reg.-No. 2460 Reg.-No. 2460 Reg.-No. 2460

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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:

1. 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.
4. 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.
11. 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.

HALDER

ERWIN HALDER KG

Erwin-Halder-Straße 5-9
88480 Achstetten-Bronnen
Germany

T +49 7392 7009-0
F +49 7392 7009-160
info@halder.com
www.halder.com

PRODUCT RANGE

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→ Aviation products

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