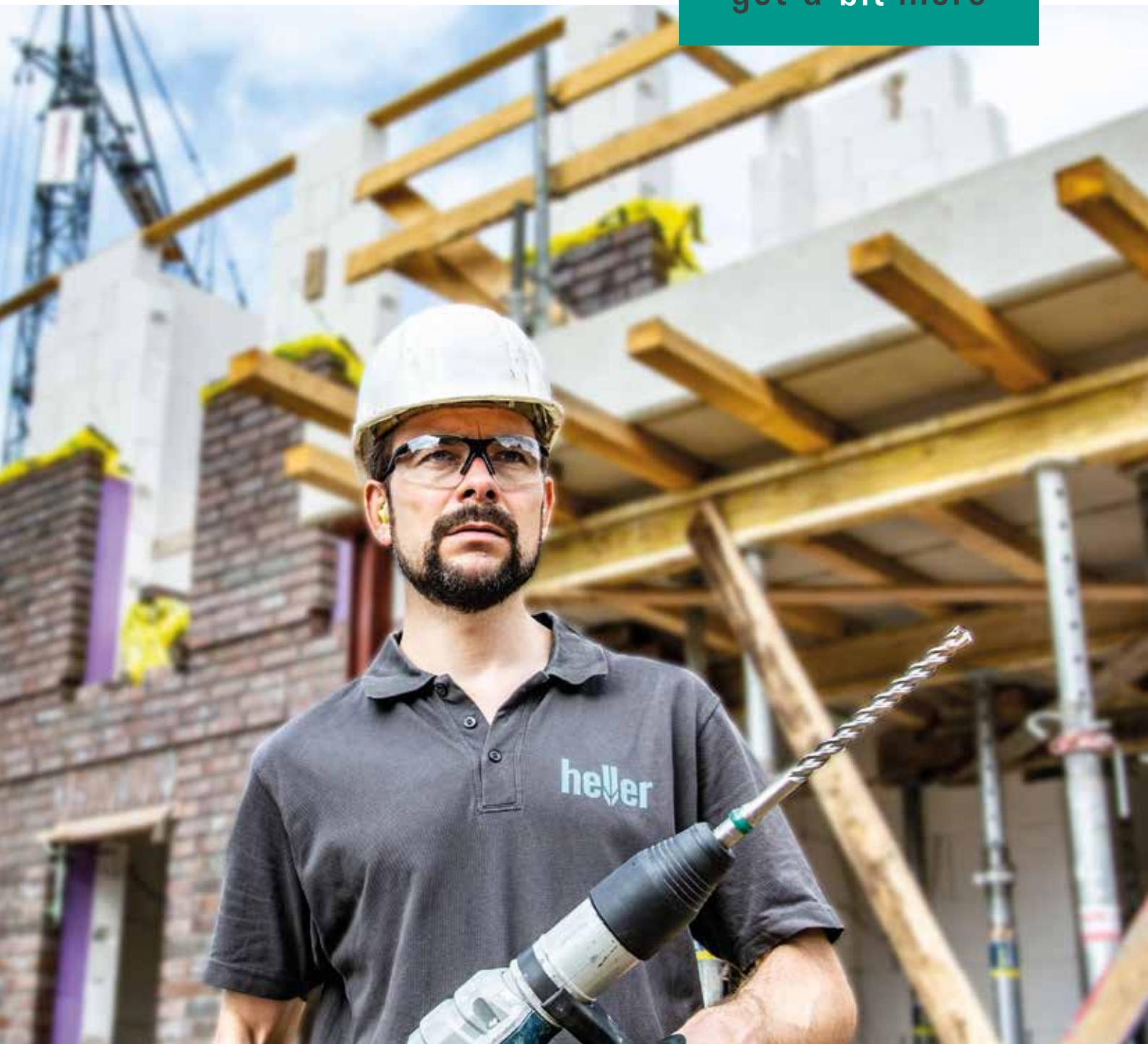


heller
get a bit more



PRODUCT CATALOGUE

Tools for professionals



HELLER – PROFESSIONAL TOOLS FOR POWER TOOLS!

Innovations since 1849.

Dear customers,

Welcome to the new edition of the Heller product catalogue. On 164 pages we are happy to present the whole world of Heller's range of tool accessories - clearly arranged and in detail. "Drilling" is again the focus of this catalogue. In addition, we also offer you great solutions in the chiselling, cutting, screwing and cutting segments. Carbide-tipped circular saw blades are a new addition to the Heller portfolio.

Through targeted expansion of our product range and the continuous improvement of our services, we consistently pursue our mission of offering specialist retailers the solutions they need to operate their own businesses successfully. We are committed to premium quality based on 170 years of experience in tool development "Made in Germany".

Have you visited the new Heller website at www.hellertools.com? Here, too, we consistently pursue our service philosophy for specialist retailers and professional users. In addition to the detailed product area and the extensive knowledge database, innovative tools such as the exclusive "Product Advisor" or the video channel "Heller TV" offer you special added value and help you choose the right products for your business.

We look forward to continuing our good cooperation and wish you success in your operations.

Yours sincerely,

Dr. Robert Untiedt
Managing Director

Jörg Frommeyer
Managing Director

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HELLER DRILL BITS FOR PROFESSIONALS

Heller is a world-renowned specialist for professional drilling. As an expert for the development, production and marketing of drill bits for any application, Heller is the preferred choice of professionals on building sites and throughout the industry. Our priority is to be leaders in technology and quality. We apply the most cutting-edge methods at our research centre

and in production in Dinklage, Germany. Heller's roots go back to 1849 and we are proud of the various world innovations Heller has invented since. Today, we hold numerous patents and operate in more than 80 countries.

THE PRODUCT RANGE

Heller has made absolute top quality a priority. Our customers rely on well-known and reliable products made by Heller. We focus on the demands of professional users and for this reason, we offer a comprehensive range of over 2000 different drill bits for any materials and structures. Our customers have the choice of a highly developed, ample range that covers all important drilling needs.

This includes special solutions for particularly demanding holes, e.g. in reinforced concrete, granite or glass, as well as the innovative "Duster Expert" suction drill, which extracts approx. 98% of the drilling dust that could potentially be inhaled as soon as it is produced. All Heller products have been designed for maximum performance in all conventional drills. Quality, product safety and ergonomics are our general rules for a range of solutions for any drilling application, drill or material.



PRODUCT PROMISES

All Heller products are successful on the market because they resolve users' issues; they are efficient, durable, safe and reliable. Beyond this, all Heller products are also characterised by their and best-in-class price/performance ratio. Heller additionally offers ranges for particularly strict demands, extreme materials and long-term use, even in the most challenging environment. Heller focuses on innovations that are geared towards user demands and have, in many cases, been developed together with users as a result of

new composite materials, critical materials, strong reinforcements in concrete, cutting-edge processes on building sites and changed user demands. For example, our innovative Tri-jet technology which sets new benchmarks in terms of service life and suitability for reinforcements. The new Duster Expert enables fast drilling without dust for particular levels of efficiency and occupational safety – demands that are particularly paramount for today's traders.

QUALITY DOWN TO THE DETAILS - MADE IN GERMANY

Heller uses top-quality materials and manufactures using the latest computer-operated machines with highly motivated employees who often yield more than 30 years of experience, according to the highest quality standards. Certified according to ISO 9001 and ISO 50001 Energy Management, Heller today ranks among the most modern and most efficient drill bit manufacturers in the world. Equipped with a leading quality management team, this means outstanding safety and assurance for retail and trades.



PARTNER TO SPECIALIST RETAILERS

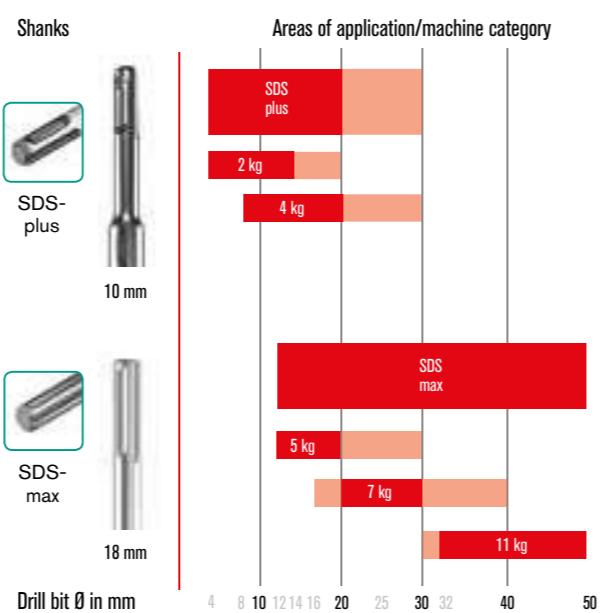
As a reliable partner to retailers, Heller offers much more than just top-grade products: with product presentation systems that boost sales, products that have won the IF Design and Red Dot awards, efficient logistics, training offerings and product advice as well as a service package geared towards demands in retail, Heller is the expert partner for retailers. Our customers repeatedly confirm this in our annual customer surveys. A result that we are proud of.



TECHNICAL DETAILS HAMMER DRILL BITS

SDS SHANK

The SDS quick-release system is the established standard connection for hammer drill bits today. It guarantees best-in-class power transfer from the drilling system while at the same time offering fast, simple and safe clamping of the drill bit in the hammer drill. Depending on the task, there is the most widespread format, SDS-plus with a diameter of approx. 10 mm for hammer drills up to 4 kg and SDS-max for hammer drills \geq 5 kg with a diameter of approx. 18 mm.



QUALITY SEALS

Heller is the specialist for all drilling work on the construction site. For more than 170 years, we have developed and manufactured high-performance drill bits „Made in Germany“. All our hammer drill bits fulfill the highest standards. Inde-

pendently of your individual requirements, our hammer drill bits are always manufactured to the highest quality standards and have various certificates.



Perfect for all power tool brands.



Heller curing technology ensures excellent break safety.



Heller is the first drill bit manufacturer to be awarded with the independently tested hand-arm-vibration certificate according to the EU vibration guideline 2002/44/EC



Heller drill bits are "Made in Germany" under the ISO 9001 quality management certificate ensuring highest quality.



All drill bits by Heller have the independent PGM certificate, assuring safe connection systems.



Engineered and „Made in Germany“

QUALITY FEATURES

Carbide edges

Our innovative, patented Heller carbide metal edges have been optimised for the most challenging applications in concrete and masonry, even for reinforcements in concrete. An aggressive carbide metal profile ensure fast drilling progress. The integrated tip design ensures ideal drilling performance and perfect centring. The precise workmanship of Heller drill bits is evidenced in the precise alignment and soldering of tungsten carbide plates and the low run-out values.



Milling processes

The helix is produced by grinding or milling. The spiral is created from solid material. This guarantees the precision of the spiral progression. The external and internal diameter dimensions of the helical are precisely complied with. The benefits during application include a smoother drilling process and continuous drilling dust removal, thus minimising the deflagration risk.



Helix shapes

Patented helix shapes guarantee optimal removal of drilling dust without risk of deflagration, for example, thanks to alternating narrow and wide backs. Maximum speed with ideal impact energy performance is a result of reduced friction thanks to computer-aided design.



Heller curing technology HST

The special HST curing process ensures an ideal surface texture: Heller hammer drill bits thus only exhibit minimal susceptibility to breakage under the most demanding applications – even including impacting on reinforced concrete. Ideal especially for long bits, the HST curing process at the same time guarantees excellent bending flexibility without the risk of breakage.



Run out check

Each Heller drill bit is subject to a detailed run out test after having completed production. Computer-controlled measuring sensors identify deviations within the micro millimetre range. The advantages for users are more precise holes in terms of diameter and depth as well as lower degrees of vibration during operation.

TIPS AND TRICKS

Check for reinforced concrete

Heller hammer drill bits will also stand up to reinforcements. Despite this, it is still a good idea to check the wall structure with a detector before you start drilling and to drill masonry only wherever possible. Reinforcements are integrated into constructions for reasons of structural strength and shouldn't be cut if this can be avoided. If you cannot avoid this for design reasons, you need to consult a structural engineer before you start.

fittings or sockets. For through hole drilling you should always analyse the structure of the opposite side. Use a special detector for this purpose.

Grease the shank & remove residual materials

We recommend greasing the shaft end of the bit before inserting into the chuck. This will extend the service life of your hammer drill. Before fitting a plug, you should always remove material residues from the drill hole to guarantee the best possible safety for the plug.

Check for piping and cable routing

When you start drilling, it is a good idea to check the area for piping and cable routing. Cables and pipes normally lead vertically up and down to the socket or fitting. For this reason, it is not recommended to drill directly above or below



BIT ADVISOR HAMMER DRILL BITS

Product group	Hammer drill bits						Extraction drill bits	Core drills & cutters		Ratio system			Chisel					
	SDS-plus			SDS-max				SDS- plus/ max	SDS- max	SDS- max	Ratio	SDS- plus/ max	SDS- plus	SDS- max				
Product	Trijet	Y Cutter	4Power	Bionic Pro	Prefix	Enduro Trijet	Enduro Y Cutter	Speed2max	Duster Expert	SuperQuick	Stonebreaker	RebarCutter	Starcutter	Ratio Quick Core Drill	Ratio core cutter	Enduro	Power	Chisel
Page	12	14	15	17	21	24	24	26	28/29	30	31	34	35	36	37	40/43	41	44
Concrete	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★
Reinforced concrete	★★★	★★	★★	★★		★★★	★★★		*		★★	★★★	*		★★			
Sand lime brick	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★		★★★	★★★	★★★	★★★	★★★	★★★
Masonry	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★
Brick	★★★	★★★	★★★	★★★		★★★	★★★	★★	★★★	★★★	★★★		★★★	★★★	★★★	★★★	★★★	★★★
Granite	★★	★★	★★	★★		★★	★★			★★★						★★★	★	★
Natural stone	★★★	★★★	★★★	★★★		★★★	★★★	★★★	★★★	★★★	★★★	★★★				★★★	★★	★★
Marble	★★	★	★★	★★		★★	★★	*	★★	★★						★★★	★	★

Quality Stages

- Professional Plus
- Professional
- Classic

Material suitability

- ★★★ Recommended
- ★★ Well suited
- ★ Suitable



2618 TRIJET SDS-plus HAMMER DRILL BITS

Our best SDS-plus multi-cutter with the longest service life in concrete and reinforcement.



HELLER-TV TUTORIALS
www.hellertools.com/en/heller-tv

- ✓ Premium multi-cutter for concrete and reinforcement
- ✓ Highest service life and extremely resilient to wear
- ✓ Particularly powerful and rugged multi-cutter with patented Trijet tip
- ✓ With recessed carbide tip for extreme resilience in reinforcement steel and powerful drilling progress
- ✓ Lowest costs per hole
- ✓ Highest effectiveness and speed thanks to Trijet tip plus optimised helix design
- ✓ Best possible drill dust transport without risk of inflamation thanks to large-volume, low-vibration triple helix, also in deep holes
- ✓ Lowest vibration thanks to computer-simulated helix reduces the load on the user
- ✓ Particularly easy positioning; avoids spalling even after drilling many holes thanks to double centring tip



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

	★★★	★★★	★★★	★★★	★★	★★★	★★★	★★
SDS-plus	Reinforced concrete	Concrete	Sand lime brick	Brick	Marble	Masonry	Natural stone	Granite



Art.	Ø mm	L mm	D mm	W mm	PC
26740 3	5	50	110	1	
26741 0	5	100	160	1	
26742 7	5.5	50	110	1	
26743 4	5.5	100	160	1	
28465 3	5.5	250	310	1	
26744 1	6	50	110	1	
26745 8	6	100	160	1	
26746 5	6	150	210	1	
26747 2	6	200	260	1	
28466 0	6	250	310	1	
26748 9	6.5	50	110	1	
26749 6	6.5	100	160	1	
26750 2	6.5	150	210	1	
28082 2	6.5	200	260	1	
28083 9	6.5	230	290	1	
28084 6	6.5	300	360	1	
26751 9	7	100	160	1	
26752 6	7	150	210	1	
26753 3	8	50	110	1	
26754 0	8	100	160	1	
26755 7	8	150	210	1	
26756 4	8	200	260	1	
26757 1	8	250	310	1	
26758 8	8	400	460	1	
26759 5	10	50	110	1	
26760 1	10	100	160	1	
26761 8	10	150	210	1	
26762 5	10	200	260	1	
26763 2	10	250	310	1	
26764 9	10	400	460	1	
26765 6	10	550	600	1	
26766 3	12	100	160	1	
26767 0	12	150	210	1	
26768 7	12	200	260	1	
26769 4	12	250	310	1	
26770 0	12	400	450	1	
26771 7	12	550	600	1	
28086 0	13	100	160	1	
28087 7	13	200	250	1	
28088 4	13	250	300	1	
26772 4	14	100	160	1	
26773 1	14	150	200	1	
26774 8	14	200	250	1	
26775 5	14	250	300	1	



Art.	Ø mm	L mm	D mm	W mm	PC
26776 2	14	400	450	1	
26777 9	14	550	600	1	
28089 1	15	100	160	1	
28090 7	15	200	250	1	
28091 4	15	250	300	1	
26778 6	16	150	200	1	
26779 3	16	200	250	1	
26780 9	16	250	300	1	
26781 6	16	400	450	1	
26782 3	16	550	600	1	

SETS



	Ø 5/6/8	3
26812 7	Ø 6/6/8/8/10	5
27465 4	Ø 5/6/6/8/10/12	7
26813 4	Ø 5/5.5/6/6/7/8/10	7
27588 0		



ECO-BOX

Art.	Ø mm	L mm	D mm	W mm	PC
27221 6	5	50	110	10	
27222 3	6	50	110	10	
27223 0	6	100	160	10	
27224 7	8	50	110	10	
27225 4	8	100	160	10	
27226 1	10	100	160	10	
27227 8	12	100	160	10	
27228 5	12	150	210	10	



2518 Y-CUTTER ERGO SDS-plus HAMMER DRILL BITS

Premium SDS-plus hammer drill for concrete and reinforced concrete.

- ✓ **Premium multi-cutter** for concrete and reinforcement
 - ✓ **Highest service life** and extremely resilient to wear
 - ✓ **Particularly powerful and rugged multi-cutter** with patented Y-Cutter technology
 - ✓ **With recessed carbide tip** for extreme resilience in reinforcement steel and powerful drilling progress
 - ✓ **Highest effectiveness and speed** in large diameters thanks to Y-Cutter technology plus optimised helix design
 - ✓ **Best possible drill dust transport** without risk of inflamation thanks to large-volume, low-vibration Twinmax 3D helix, also in deep holes
 - ✓ **Lowest vibration** thanks to computer-simulated helix reduces the load on the user
 - ✓ **Three-dimensional cutting edge profile** makes positioning really easy and avoids spalling even after drilling many holes



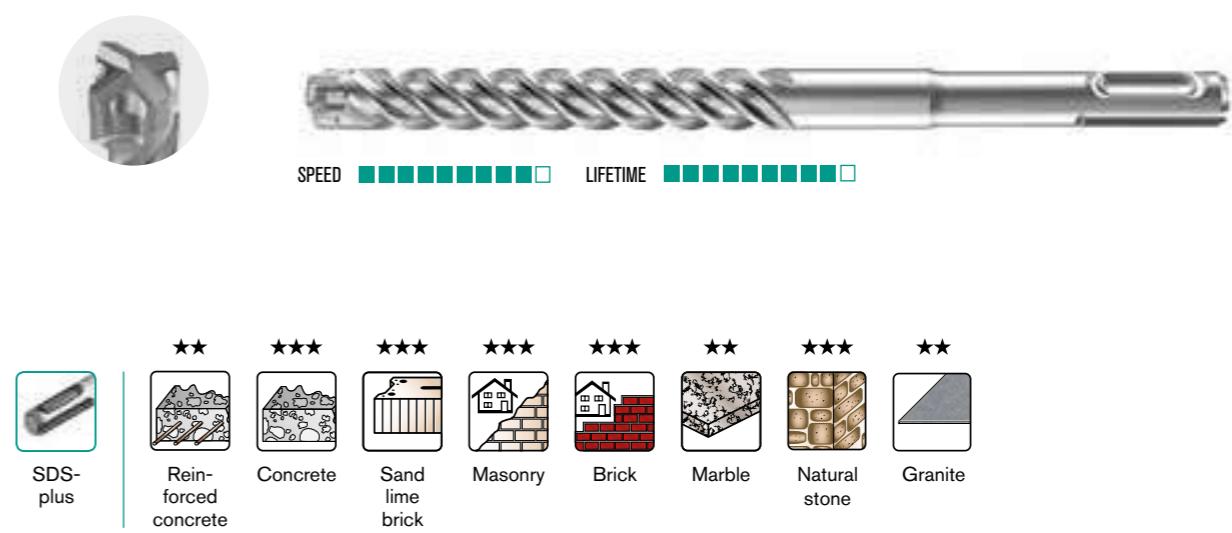
22522	9	16	200	250	1
22523	6	16	400	450	1
22524	3	18	250	300	1
22525	0	18	400	450	1
22526	7	20	250	300	1
22527	4	20	400	450	1
22528	1	22	400	450	1
22529	8	24	200	250	1
22530	4	24	400	450	1
22531	1	25	400	450	1
22532	8	28	200	250	1
22533	5	28	400	450	1
22534	2	30	400	450	1

1418 4POWER SDS-plus HAMMER DRILL BITS

Hammer drill bit with 4 cutting edges combines speed and robustness.



- ✓ **Multi-cutter** for concrete and reinforcement
 - ✓ **Extremely rugged with 4 cutting edges** for a long service life
 - ✓ **With recessed carbide tip** for extreme resilience in reinforcement steel and powerful drilling progress
 - ✓ **Fast drilling progress**
 - ✓ **Optimised tip and helix design** for highly effective drilling dust transport and minimal dust inflagrations even in deep holes
 - ✓ **Lowest vibration** thanks to computer-simulated helix reduces the load on the user
 - ✓ **Easy positioning thanks to centring tip**



1418 4POWER SDS-plus HAMMER DRILL BITS



29116 3	5	50	110	1
29117 0	5	100	160	1
29731 8	5	150	210	1
29732 5	5	250	310	1
29118 7	5.5	50	110	1
29119 4	5.5	100	160	1
29733 2	5.5	150	210	1
29120 0	6	50	110	1
29121 7	6	100	160	1
29122 4	6	150	210	1
29123 1	6	200	260	1
29734 9	6	250	310	1
29735 6	6	400	460	1
29124 8	6.5	50	110	1
29125 5	6.5	100	160	1
29126 2	6.5	150	210	1
29127 9	6.5	200	260	1
29736 3	7	50	110	1
29128 6	7	100	160	1
29129 3	7	150	210	1
29737 0	7	200	260	1
29738 7	7	250	310	1
29130 9	8	50	110	1
29131 6	8	100	160	1
29132 3	8	150	210	1
29133 0	8	200	260	1
29134 7	8	250	310	1
29135 4	8	400	460	1
29739 4	8	550	600	1
29740 0	8	900	950	1
29136 1	10	50	110	1
29137 8	10	100	160	1
29138 5	10	150	210	1
29139 2	10	200	260	1
29140 8	10	250	310	1
29141 5	10	400	460	1
29741 7	10	550	600	1
29742 4	10	950	1000	1
29142 2	12	100	160	1
29143 9	12	150	210	1
29144 6	12	200	260	1
29145 3	12	250	310	1
29146 0	12	400	450	1
29147 7	12	550	600	1



29743 1	12	950	1000	1
29148 4	14	100	160	1
29149 1	14	150	200	1
29150 7	14	200	250	1
29151 4	14	250	300	1
29152 1	14	400	450	1
29153 8	14	550	600	1
29154 5	16	150	200	1
29155 2	16	200	250	1
29156 9	16	250	300	1
29157 6	16	400	450	1
29158 3	16	550	600	1
29744 8	16	950	1000	1



2018 BIONIC PRO SDS-plus HAMMER DRILL BITS

High-speed drill for professional results in concrete and reinforcements

SETS



29202 3	\emptyset 6/6/8/8/10	5
29199 6	\emptyset 5/6/6/8/8/10/12	7



- ✓ **Dual-cutter** for concrete and reinforcement steel
 - ✓ **Extremely robust with long service lives** thanks to the patented drill head
 - ✓ **With recessed carbide tip** for extreme resilience in reinforcement steel and powerful drilling progress
 - ✓ **Best drilling process** thanks to the optimised carbide cutting edge
 - ✓ **Twinmax 3D helix for highly effective drilling dust transport** and minimal dust inflamation even in deep holes
 - ✓ **Low vibration** reduces the load on the user
 - ✓ **Particularly easy positioning** and avoids spalling even after drilling many holes thanks to double centring tip

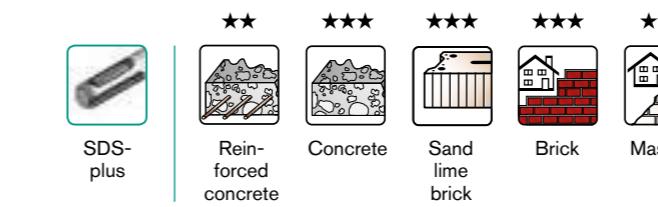
QUADROPACKS



SPEED  LIFETIME 



29195 8	6	100	160	11
29196 5	8	100	160	11
29197 2	10	100	160	11
29198 9	12	100	160	11



2018 BIONIC PRO SDS-plus HAMMER DRILL BITS

16306 4	4	50	110	1	
22016 3	4	100	160	1	
15620 2	5	50	110	1	
17650 7	5	100	160	1	
23642 3	5	150	210	1	
28536 0	5	300	360	1	
28206 2	5	550	600	1	
15965 4	5.5	50	110	1	
17298 1	5.5	100	160	1	
24158 8	5.5	150	210	1	
28537 7	5.5	300	360	1	
15622 6	6	50	110	1	
15623 3	6	100	160	1	
16813 7	6	150	210	1	
15658 5	6	200	260	1	
27787 7	6	250	310	1	
22263 1	6	300	350	1	
28484 4	6	400	460	1	
28485 1	6	550	600	1	
18308 6	6.5	50	110	1	
19350 4	6.5	100	160	1	
16304 0	6.5	150	210	1	
23645 4	6.5	200	260	1	
21798 9	6.5	230	290	1	
28085 3	6.5	300	360	1	
19874 5	7	50	110	1	
15625 7	7	100	160	1	
21687 6	7	150	210	1	
28486 8	7	300	360	1	
15966 1	8	50	110	1	
15626 4	8	100	160	1	
15627 1	8	150	210	1	
15659 2	8	200	260	1	
16934 9	8	250	310	1	
28487 5	8	300	360	1	
15661 5	8	400	460	1	
21989 1	8	550	600	1	
16152 7	9	100	160	1	
16561 7	9	150	210	1	
28481 3	9	200	260	1	
27715 0	9.5	250	310	1	
16465 8	10	50	110	1	
15628 8	10	100	160	1	
15629 5	10	150	210	1	

15630 1	10	200	260	1	
18687 2	10	250	310	1	
16489 4	10	300	350	1	
15967 8	10	400	460	1	
17882 2	10	550	600	1	
19882 0	10	950	1000	1	
28488 2	10	1350	1400	1	
18927 9	11	100	160	1	
18202 7	11	200	260	1	
23650 8	11	250	310	1	
15631 8	12	100	160	1	
15632 5	12	150	210	1	
15633 2	12	200	260	1	
15973 9	12	250	310	1	
15969 2	12	400	450	1	
15970 8	12	550	600	1	
19883 7	12	950	1000	1	
23418 4	12	1350	1400	1	
18309 3	13	100	160	1	
28489 9	13	150	210	1	
18310 9	13	200	250	1	
17299 8	13	250	300	1	
22017 0	13	400	450	1	
28490 5	13	550	600	1	
15636 3	14	100	160	1	
15637 0	14	150	200	1	
15638 7	14	200	250	1	
16316 3	14	250	300	1	
16317 0	14	400	450	1	
15971 5	14	550	600	1	
19884 4	14	950	1000	1	
24163 2	14	1350	1400	1	
17394 0	15	100	160	1	
15639 4	15	150	200	1	
15640 0	15	200	250	1	
16661 4	15	400	450	1	
15641 7	16	100	160	1	
15642 4	16	150	200	1	
16930 1	16	200	250	1	
18688 9	16	250	300	1	
15643 1	16	400	450	1	
15972 2	16	550	600	1	
15899 2	16	750	800	1	
19885 1	16	950	1000	1	

23419 1	16	1350	1400	1	
17927 0	17	150	200	1	
27795 2	17	250	300	1	
15644 8	18	150	200	1	
17656 9	18	200	250	1	
18689 6	18	250	300	1	
16709 3	18	400	450	1	
15974 6	18	550	600	1	
25888 3	18	750	800	1	
19886 8	18	950	1000	1	
15645 5	19	150	200	1	
15646 2	19	400	450	1	
15647 9	20	150	200	1	
28491 2	20	200	250	1	
18690 2	20	250	300	1	
15648 6	20	400	450	1	
15660 8	20	550	600	1	
19887 5	20	950	1000	1	
15649 3	22	200	250	1	
27798 3	22	250	300	1	
15650 9	22	400	450	1	
23647 8	22	550	600	1	
25890 6	22	750	800	1	
23648 5	22	950	1000	1	
15651 6	24	200	250	1	
17247 9	24	400	450	1	
15652 3	25	200	250	1	
22340 9	25	250	300	1	
15653 0	25	400	450	1	
23649 2	25	950	1000	1	
21935 8	26	200	250	1	
15654 7	26	400	450	1	

SETS



22162 7	4	50	110	10
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2018 BIONIC PRO SDS-plus HAMMER DRILL BIT

26008 4	6	150	210	50
23844 1	7	100	160	10
19444 0	8	50	110	10
19445 7	8	100	160	10
19457 0	8	100	160	50
19446 4	8	150	210	10
25169 3	8	150	210	50
19459 4	8	200	260	10
19447 1	10	100	160	10
19458 7	10	100	160	50
19448 8	10	150	210	10
26009 1	10	150	210	50
23346 0	10	200	260	10
19449 5	12	100	160	10
25171 6	12	100	160	50
19450 1	12	150	210	10
26010 7	12	150	210	50
23347 7	12	200	260	10
19451 8	14	100	160	5
19452 5	14	150	200	5
23348 4	14	200	250	5
19453 2	16	150	200	5

ANSI RANGE / IMPERIAL SIZES



28057	5/32"	2"	4 1/4"	1
28058	5/32"	4"	6 1/4"	1
22474	3/16"	2"	4 1/4"	1
22475	3/16"	4"	6 1/4"	1
22481	1/4"	2"	4 1/4"	1
22482	1/4"	4"	6 1/4"	1
22483	1/4"	5 7/8"	8 1/4"	1
17064	3/8"	4"	6 1/4"	1
22490	3/8"	9 3/4"	12 1/4"	1
22494	1/2"	4"	6 1/4"	1
22495	1/2"	7 7/8"	10 1/4"	1
22497	1/2"	15 3/4"	17 3/4"	1
22498	1/2"	21 5/8"	23 5/8"	1
22505	5/8"	15 3/4"	17 3/4"	1
22510	3/4"	9 3/4"	11 3/4"	1
22513	7/8"	9 3/4"	11 3/4"	1
22515	1"	7 7/8"	9 3/4"	1
22517	1 1/8"	7 7/8"	9 3/4"	1

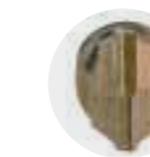


2017 PREFIX SDS-plus HAMMER DRILL BITS

Reliable entry-level hammer drill bit.



- ✓ Dual-cutter for all concrete and stone applications
- ✓ Features proven design and rugged carbide plate
- ✓ Genuinely low entry-level price
- ✓ Effective bore dust removal thanks to aggressive tip and helix design
- ✓ Low vibration reduces the load on the user
- ✓ Easy positioning thanks to centring tip



SPEED ■■■■■□□□□ LIFETIME ■■■■□□□□□



SDS-plus



Masonry



Sand lime brick

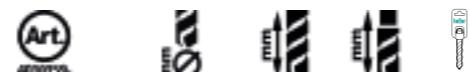


Concrete

2017 PREFIX SDS-plus HAMMER DRILL BIT



26837 0	4	50	110	1	
25300 0	4	100	160	1	
25301 7	5	50	110	1	
25302 4	5	100	160	1	
25303 1	5.5	50	110	1	
25304 8	5.5	100	160	1	
25305 5	5.5	150	210	1	
25306 2	6	50	110	1	
25307 9	6	100	160	1	
25308 6	6	150	210	1	
26838 7	6	200	260	1	
25309 3	6.5	100	160	1	
25310 9	6.5	150	210	1	
25312 3	7	100	160	1	
25313 0	7	150	210	1	
25314 7	8	50	110	1	
25315 4	8	100	160	1	
25316 1	8	150	210	1	
25317 8	8	200	260	1	
25318 5	9	100	160	1	
26839 4	10	50	110	1	
25320 8	10	100	160	1	
25321 5	10	150	210	1	
25322 2	10	200	260	1	
25323 9	10	250	310	1	
26840 0	10	400	450	1	
25324 6	11	250	310	1	
25325 3	12	100	160	1	
25326 0	12	150	210	1	
25327 7	12	200	260	1	
25328 4	12	250	310	1	
26841 7	12	400	450	1	
25329 1	14	100	160	1	
25330 7	14	150	210	1	
25331 4	14	200	250	1	
25332 1	14	250	310	1	
26842 4	14	400	450	1	
25333 8	16	100	160	1	
25334 5	16	150	210	1	
25335 2	16	250	300	1	
26843 1	16	400	450	1	
26844 8	18	200	260	1	
26845 5	18	250	300	1	
26846 2	18	400	450	1	



26847 9	20	250	300	1	
26848 6	20	400	450	1	
26849 3	22	400	450	1	
26850 9	25	400	450	1	



25360 4	10	100	160	10	
25361 1	10	150	210	10	
25362 8	10	200	260	10	
25363 5	10	250	310	10	
25365 9	12	100	160	10	
25366 6	12	150	210	10	
25374 1	16	150	210	10	
25375 8	16	250	300	10	
26862 2	20	400	450	10	

SET



26594 2				7	

QUADROPACKS



25342 0	5	100	160	25	
25343 7	5.5	50	110	25	
25344 4	5.5	100	160	25	
25345 1	5.5	150	210	25	
25346 8	6	50	110	25	
25347 5	6	100	160	25	
25348 2	6	150	210	25	
25351 2	7	50	110	25	
25352 9	7	100	160	25	
25353 6	7	150	210	25	
25355 0	8	100	160	25	
25356 7	8	150	210	25	
25357 4	8	200	260	25	





2725 SPEED2MAX SDS-max HAMMER DRILL BITS

Inexpensive quality drill bits for concrete and stone.



- ✓ **Fast dual-cutter** for all concrete and stone applications
- ✓ **Features proven dual-cutter design and rugged carbide plate**
- ✓ **Genuinely low entry-level price**
- ✓ **High drilling speed** thanks to an optimised tip geometry
- ✓ **Fast drilling dust removal** thanks to wide helix
- ✓ **Low vibration** reduces the load on the user
- ✓ **Easy and precise positioning** thanks to centring tip



27753 2	12	200	340	1
27754 9	12	400	540	1
28234 5	12	600	740	1
28235 2	13	200	340	1
28236 9	13	400	540	1
27755 6	14	200	340	1
27756 3	14	400	540	1
28237 6	15	200	340	1
27757 0	16	200	340	1
27758 7	16	400	540	1
27759 4	18	200	340	1
27760 0	18	400	540	1
27761 7	20	200	320	1
27762 4	20	400	520	1
27763 1	22	200	320	1
27764 8	22	400	520	1
27765 5	24	200	320	1
27766 2	24	400	520	1
27767 9	25	200	320	1
27768 6	25	400	520	1
27769 3	28	200	320	1
27770 9	28	400	520	1
27771 6	30	200	320	1
27772 3	30	400	520	1
27773 0	32	200	320	1
27774 7	32	400	520	1
27776 1	35	400	520	1
27778 5	40	400	520	1



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■□□□





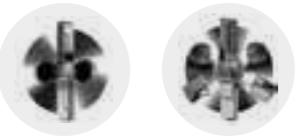
1818/1825/1525 DUSTER EXPERT SDS-max/plus EXTRACTION DRILL BITS

The innovative 2-in-1 drill bit: enhances dust-free drilling.



HELLER-TV TUTORIALS
www.hellertools.com/en/heller-tv

- ✓ The Duster Expert **combines drilling and dust extraction** in a single step for all concrete work
- ✓ **Removes 98% of drilling dust** where it originates at the drill tip
- ✓ **Rugged design** of the drill and shaft for a long service life
- ✓ **Highest productivity on setting chemical anchors** as there is no need to clean the drilled hole
- ✓ **Fast thanks to extra large openings at the tip** and reduced drilling resistance as drilling dust is routed internally
- ✓ **Saves annoying cleaning** of the surroundings
- ✓ **Perfect for use** in interior applications



Bionic
(SDS-max
 $\leq 16 \text{ mm}$)



Y-Cutter
(SDS-max
 $18 - 35 \text{ mm}$)



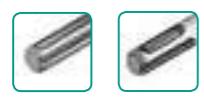
SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■



Bionic
(SDS-plus)



SDS-
max

SDS-
plus



Concrete



Sand
lime
brick



Brick



Masonry



Natural
stone



Granite



Rein-
forced
concrete

1818 DUSTER EXPERT SDS-plus



Bionic	29630 4	6	100	220	1
	29727 1	8	100	220	1
	28970 2	8	150	270	1
	29728 8	10	100	220	1
	28971 9	10	150	270	1
	28783 8	12	200	320	1
	28784 5	14	250	370	1
	28786 9	16	250	370	1
	28787 6	18	250	370	1
	28788 3	20	250	370	1
	28789 0	24	250	370	1

1526 ADAPTER

		SDS-plus 6 - 10 mm	1
		SDS-plus 12 - 24 mm	1
		SDS-max	1

1818 DUSTER EXPERT SET SDS-plus



Bionic	29730 1	6, 8, 10	100	220	5
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1825/1525 DUSTER EXPERT SDS-max



Y-Cutter	29724 0	14	400	600	1
	29419 5	16	400	600	1
	28622 0	18	400	600	1
	28623 7	20	400	600	1
	28624 4	22	400	600	1
	28825 5	24	400	600	1
	28625 1	25	400	600	1
	28626 8	28	400	600	1
	28627 5	30	400	600	1
	28628 2	32	400	600	1
	28629 9	35	400	600	1
	29095 1	40	400	600	1

3604 DUSTER PRO ANTI-DUST ACCESSORIES

Adapters for dust avoidance.

- ✓ Extraction adapter for connecting to a standard vacuum cleaner
- ✓ Prevents ambient dust in the room
- ✓ Dust is extracted directly at the material surface
- ✓ Autonomously adheres to the wall with vacuum power
- ✓ Suitable for diameters of up to 42 mm



		up to Ø 42 mm	1
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2225 SUPER QUICK SDS-max CORE DRILL

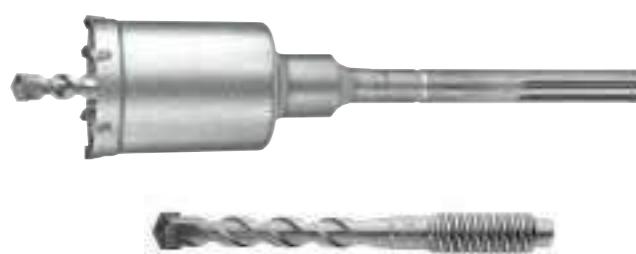
The innovative, high-performance hammer drill bit

- ✓ **Powerful, fast & durable**
 - ✓ **Ideal for placing pipes** through brickwork and concrete
 - ✓ **High drill speed** thanks to breaking down the edge of the drilled hole
 - ✓ **Extremely rugged design** ensures long service life
 - ✓ **Increased drilling dust removal** thanks to patented tooth geometry with changing sequence of flat and pointed teeth
 - ✓ **Effective penetration** also in reinforced concrete
 - ✓ **Exchangeable pilot bit**



24527 2	50	170	290	1
24528 9	50	430	550	1
24529 6	68	170	290	1
24530 2	68	430	550	1
24531 9	80	170	290	1
24532 6	80	430	550	1
24533 3	90	430	550	1
24534 0	100	430	550	1

All drill bits include a pilot bit



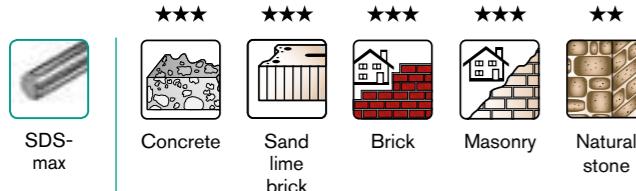
2207 CENTRE DRIL

for SuperQuick core drill



24542 5 12 77 128 1

SPEED LIFETIME



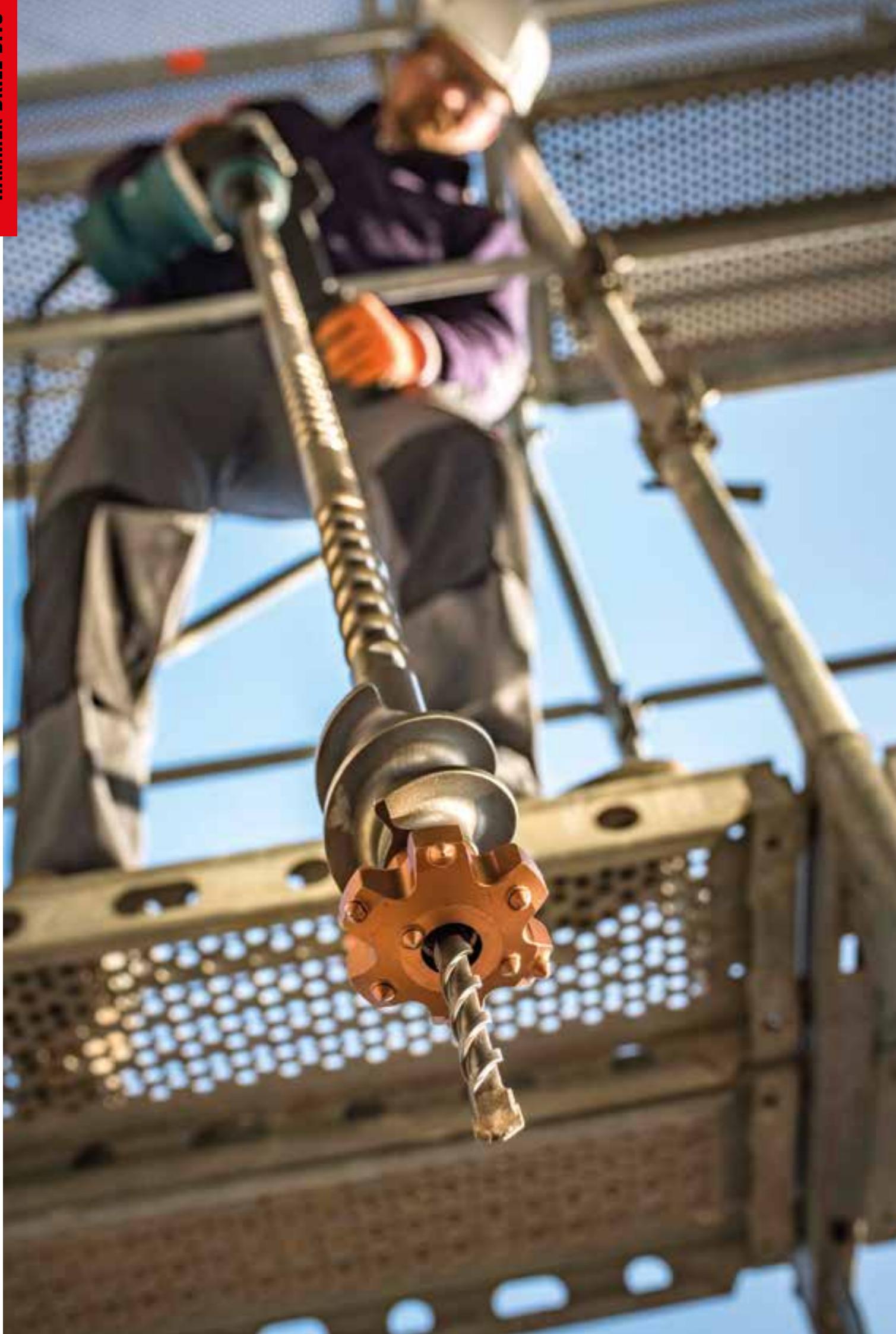
2425 STONEBREAKER SDS-max TUNNEL BITS

Premium - milling cutter for professionals



- ✓ Percussive energy is transferred to the tool without loss
 - ✓ Low weight
 - ✓ Reduced vibration
 - ✓ Long tool life
 - ✓ Exact drill hole geometry





HELLER RATIO SYSTEM - THE MOST RATIONAL TOOL SYSTEM FOR HAMMER DRILL BITS

Perfect equipment for professional drilling.

- ✓ Highest drilling performance and long service life thanks to the use of special carbide
- ✓ Rapid progress even in hard concrete
- ✓ Precise positioning even in difficult corners

The Heller Ratio system is a tool system which lets you individually combine the various components: Ratio rebar cutters and pilot bits with auger bits, extensions and adapters.

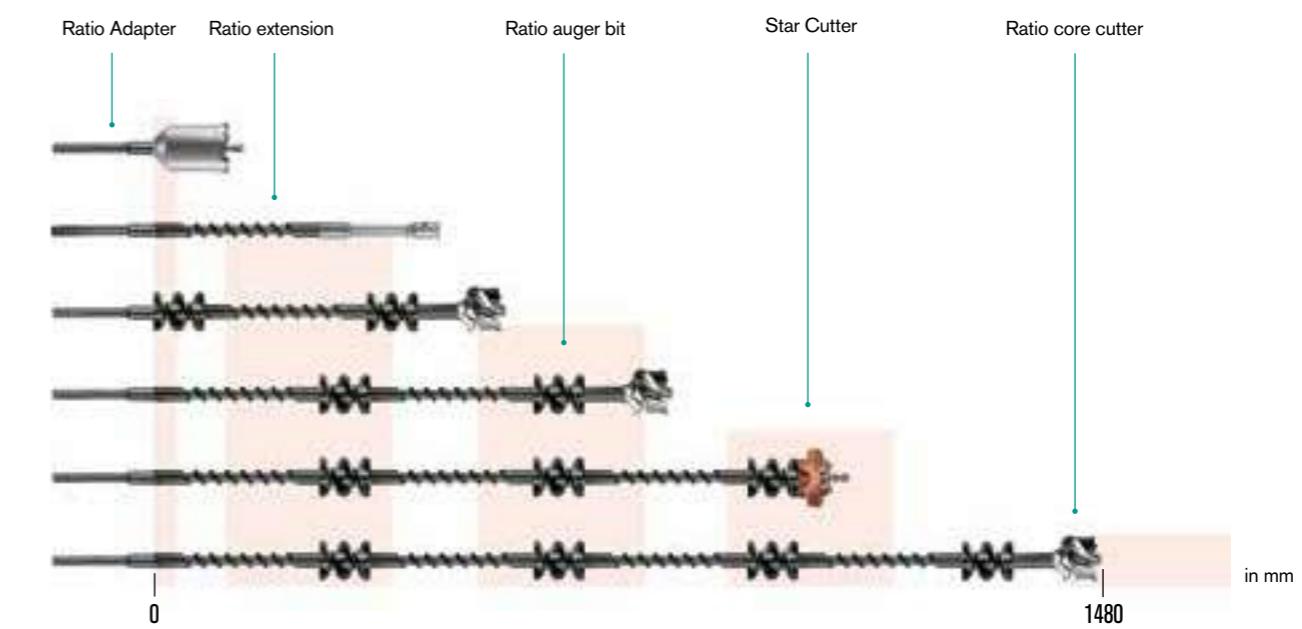
Depending on the diameter and the desired drilling depth, you can compose the perfect tool thanks to the stable screw connections between the individual components. The pre-

cision-made Ratio custom thread safely holds the tool together, but is easy to release again after use.

The Ratio system has been used to create tool lengths of up to 1,480 mm – and with excellent results. The hole diameters are between 12 and 150 mm and underline the wide bandwidth of possible applications for the system. Note: Observe details on the drill bit's areas of application.

Particularly efficient and individually combinable with various connection options in the flexible Ratio System.

Tip: Use our thread grease to minimise wear (Art no.: 19947 6).





2310 RATIO REBAR CUTTER REBAR CUTTERS

An extra-tough response for all reinforcements up to ø 10 mm.

- ✓ Fast and reliable cutting through reinforcements of up to ø 10 mm as commonly used on construction sites
- ✓ Individually combinable with various connection options thanks to the flexible Ratio system
- ✓ Extreme durability thanks to recessed and individually soldered carbide teeth
- ✓ Optimised impact energy throughput using the SDS-plus ratio adapter
- ✓ High drilling speed and longest service life
- ✓ Please note: Cutting of reinforcements is subject to release by a structural engineer

Art. 4699159					
24600 2	12	190	230	1	
24601 9	14	190	230	1	
24602 6	16	190	230	1	
24603 3	18	190	230	1	
24604 0	20	190	230	1	
24605 7	25	190	230	1	
24606 4	28	190	230	1	
24607 1	30	190	230	1	

2260 RATIO ADAPTER FOR HAMMER DRILL BITS

Art. 4699159				
15547 2	SDS-plus	108	1	

CASE

Art. 4699159			
24599 9	14/16/18 x 230 mm	4	



Recessed and individually soldered carbide teeth

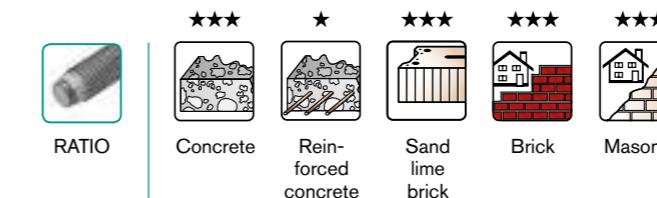
SPEED ■■■■■■■■■■■■ LIFETIME ■■■■■■■■■■■■



- ✓ Highest drilling performance and long lifetime thanks to high-alloy special steel
- ✓ Fast progress even in hard concreten



SPEED ■■■■■■■■■■■■ LIFETIME ■■■■■■■■■■■■



Art. 4699159					
19933 9	35	40			1
19934 6	42	40			1
19935 3	52	40			1
19936 0	65	40			1
19937 7	80	40			1
19970 4	90	40			1
19938 4	100	40			1
19969 8	110	40			1
19939 1	125	40			1
19940 7	150	40			1
22644 8	160	40			1

2208 PILOT BITS

Art. 4699159					
19945 2	18	50	125	1	
19946 9	18	100	175	1	

2260 RATIO ADAPTER FOR HAMMER DRILL BITS

Art. 4699159				
10243 8	SDS-max	185	1	



2211 RATIO QUICK CORE DRILL

The better core drill: fast, reliable and clean.

- ✓ **With fast and rugged teeth** for best-in-class results and efficient drilling dust removal thanks to an alternating sequence of flat and pointed teeth
 - ✓ **Excellent stability and long service life**
 - ✓ **Extremely quick progress** thanks to breaking down of the edge area of the hole
 - ✓ **Effective penetration also in reinforced concrete**
 - ✓ Length and diameter of the tool freely combinable **in the Ratio system**
 - ✓ **New! The Core Breaker also removes jammed cores quickly and easily**



SPEED LIFETIME



2925 RATIO CORE CUTTER

Premium core cutters for professionals

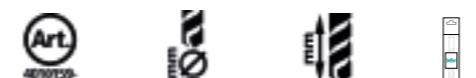
- ✓ **Highest performance and long service life** thanks to special steel
 - ✓ **Fast progress** even in hard concrete
 - ✓ **Precise positioning** even in difficult corners
 - ✓ In the flexible Ratio system **individually combinable** with a variety of connection options



SPEED LIFETIME



2206 PILOT BITS



10230 8 12 155 1

2260 RATIO ADAPTER FOR HAMMER DRILL BITS



10243.8	SDS-max	185	1
15547.2	SDS-plus	108	1

2211 KNOCK-OUT TOOL



28916 0 - - 1

2260/2270 RATIO ADAPTER FOR HAMMER DRILL BITS



10243 8	SDS-max	185	1
29790 5	SDS-max	400	1
29791 2	SDS-max	975	1

2260/2270 RATIO ADAPTER FOR HAMMER DRILL BITS



15547 2	SDS-plus	108	1
10243 8	SDS-max	185	1
29790 5	SDS-max	400	1
29791 2	SDS-max	975	1

2129 RATIO THREADED BOLT



10232 2 - - 63 1



2412 RATIO FLUTE BODY



19941 4	32	80	115	35-50	1
19942 1	47	80	115	52-60	1
19943 8	63	80	115	65-68	1
19944 5	78	80	115	80-160	1

2131 THREAD GREASE



19947 6 - - - 1

2281 RATIO EXTENSION



10231 5	25	280	320	1
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2511/2011 OVERVIEW OF CHISEL RANGE

STRONG AND POWERFUL IN MASONRY AND CONCRETE

- ✓ Always the right chisel for comprehensive demolition work and precision chiselling
- ✓ Long service life thanks to durable tool steel and special hardening processes
- ✓ Stable design suitable for sharpening



Pointed chisel: For routing cables and all chiselling/demolition work as well as through holes.



Flat chisel: For targeted breaking effect as well as all chiselling/demolition work and through-holes.



Spade chisel: For universal removal of large amounts of material.



Ducting chisel: For ducting, chiselling and grooving work.



Grout chisel: For removing and cleaning joints in masonry and grouting.



Grooving chisel: For creating narrow ducts in concrete & masonry.



Toothed chisel: For refurbishing masonry and joints.



Wing chisel: For chiselling, grooving & ducting with depth limit.



Carbide joint chisel: For removing & cleaning joints & masonry and an extra long service life.



Joint chisel: For removing & cleaning joints and masonry.



Tile chisel: For removing tiles.



1218 ENDURO SDS-plus CHISELS

Premium chisels with self-sharpening effect offer the longest service lifes for the maximum efficiency in terms of results. Durable and powerful.

- ✓ Next generation chisels. The best choice for anyone wanting the **utmost** quality. Can be delivered as a pointed, flat or spade chisel
- ✓ Longer service life thanks to innovative chisel blade design and longer blade length
- ✓ Reduced profile wear over the entire service life
- ✓ Reduces work time thanks to ideal tip design
- ✓ Increases comfort by reducing vibrations
- ✓ Maximum ruggedness with wear resistant material quality

Art. 4070125					
28542 1	Pointed chisel	14	250	1	
28543 8	Flat chisel	20	250	1	
28544 5	Spade chisel	44	250	1	

Art. 4070125					
28814 9	SDS-plus set Pointed / flat / spade chisel	250	3		

HELLER-TV TUTORIALS
www.hellertools.com/en/heller-tv



SPEED LIFETIME

	★★★		★★★		★★		★★★		★★★		★★★		★★★	
SDS-plus		Concrete		Sand lime brick		Brick		Masonry		Natural stone		Marble		Granite

2011 SDS-plus POWER CHISELS

Power chisels for all popular applications.

- ✓ The right product for all chisel work
- ✓ Particularly hard materials and an optimised design noticeably increase the power chisel's performance and durability
- ✓ Improved power transmission thanks to the shorter chisel length
- ✓ Ideal chisel effect without notable loss of impact energy
- ✓ Long service life thanks to the use of special steel
- ✓ Rugged design - forged from one piece
- ✓ Available in **pointed, flat and spade versions** with SDS-plus

Art. 4070125					
26279 8	Pointed chisel	-	140	1	
26280 4	Flat chisel	22	140	1	
26281 1	Spade chisel	30	140	1	

MIXED SET DRILL BITS & CHISELS

26288 0	Bionic (\varnothing 6/8 x 100/160 mm) Meißel (140 mm)	
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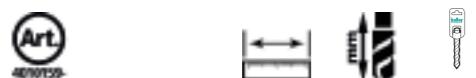


	★★★		★★★		★★★		★★		★★		★		★	
SDS-plus		Concrete		Sand lime brick		Brick		Masonry		Natural stone		Marble		Granite



2011 SDS-plus **CHISELS**

Create through-holes easily, even in difficult areas

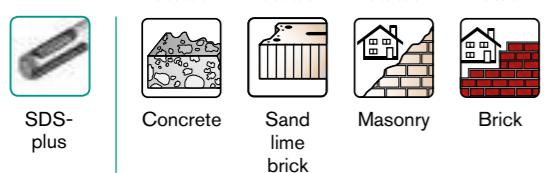


16114 5	Pointed chisel, round	11	250	1
19620 8	Pointed chisel, square	14	250	1
19621 5	Flat chisel	20	250	1
19622 2	Spade chisel	40	250	1
19623 9	Hollow chisel	22	250	1
22833 6	Tiles chisel	40	250	1
16811 3	Tiles chisel	75	165	1
22835 0	Wings chisel	22	250	1
19624 6	Joints chisel	6	250	1
19771 7	HM joints chisel	32	125	1
19772 4	HM joints chisel	32	200	1

SETS

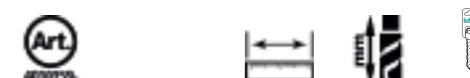


23368 2	Pointed chisel round	11	250	5
22884 8	Pointed chisel square	14	250	5
22885 5	Flat chisel	20	250	5
22886 2	Spade chisel	40	250	5
23372 9	Hollow chisel	22	250	5
23373 6	Joints chisel	6	250	5
23374 3	Tiles chisel	40	250	5



1225 ENDURO SDS-max CHISELS

Premium chisel: long-life. Powerful. Self-sharpening.



28545 2	Pointed chisel	18	350	1
28546 9	Flat chisel	25	350	1
28547 6	Spade chisel	50	350	1

SET



28815 6 Set SDS-max 350 3

Enduro chisel and standard chisel compared:



Before use
Enduro Standard

After 10 hours
Enduro Standard





2511 SDS-max CHISELS

For the toughest tasks.



- ✓ The solution for all large-scale chiselling work
- ✓ Forged from one piece: stable and regrindable for many tasks
- ✓ Extremely powerfull thanks to improved power transmission
- ✓ Available in many variants - the right chisel for any task



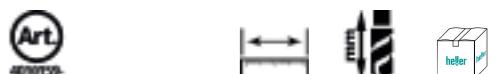
SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

	★★★	★★★	★★★	★★	★★	★	★
SDS-max	Concrete	Sand lime brick	Masonry	Brick	Natural stone	Marble	Granite



21000 3	Pointed chisel	-	280	1
21001 0	Pointed chisel	-	400	1
21002 7	Pointed chisel	-	600	1
21003 4	Flat chisel	25	280	1
21004 1	Flat chisel	25	400	1
21005 8	Flat chisel	25	600	1
21006 5	Spade chisel	50	400	1
21007 2	Spade chisel	75	300	1
25889 0	Spade chisel	100	350	1
21009 6	Duct chisel	32	300	1
21008 9	Hollow chisel	26	300	1
21010 2	Toothed chisel	32	300	1
21011 9	Grout chisel	10	300	1
22832 9	Tiles chisel	50	300	1
22834 3	Wings chisel	35	380	1

SETS



23376 7	Pointed chisel	-	280	5
22879 4	Pointed chisel	-	400	5
22880 0	Pointed chisel	-	600	5
23379 0	Flat chisel	25	280	5
22881 7	Flat chisel	25	400	5
22882 4	Flat chisel	25	600	5
22883 1	Spade chisel	50	400	5
23383 5	Spade chisel	75	300	5
23388 0	Tiles chisel	50	300	5



TECHNICAL DETAILS CONCRETE AND MASONRY DRILL BITS

QUALITY FEATURES

Special **concrete & stone drill bits** are used for drilling in concrete and masonry. It is important to use drill bits from certified manufacturing to ensure correct installation of components. Drilling tolerances may be exceeded if the drill used is not from a monitored production facility. Drills that are too far out of round, or with excessive tolerances in the carbide cutting edge can lead to drill holes that do not give a plug sufficient hold. In extreme cases installed elements will come loose and cause significant damage.

In terms of concrete drill bits, we even recommend using products produced as per the regulations of the Masonry Drill Bit Testing Association (PGM), an independent institute. You can identify these bits by the quality mark or the symbol embossed onto the drill bit.



Speeds
Regardless of the diameter, impact drilling should be carried out at speeds between 2500 – 3000 rpm.

DRILLING PROCEDURE



Impact drilling

Concrete, sand lime brick, natural stone, masonry, brick



Impact-free rotating drilling

Aerated concrete, hard burnt tiles, fibre cement panels, light sand lime brick, wall tiles

TIPS AND TRICKS

Material suitability

Impact drills are designed for processing masonry, stone and also concrete, depending on the type. The soldered-in carbide plate means that concrete drill bits can withstand heavy loads. However, special products are required to cut through reinforcements.

Cleaning the hole

Before fitting a plug, you should always remove material residues from the drill hole to guarantee the best possible hold for the plug.

HELLER QUALITY FOR LONG-TERM OUTSTANDING RESULTS

Heller exclusively uses the best steel and tungsten carbide plates for its concrete and masonry drill bits. At the same time, accurate processing is paramount, for instance as a result of the precise alignment and soldering of carbide plates or a strict concentricity tolerance. Finally, aspects, such as

ergonomics and occupational safety are paramount. In this process, we aim at meeting professional users' demands. After all, all Heller products contribute to faster and more economical working for professionals.



BIT ADVISOR CONCRETE AND MASONRY DRILL BITS/DIAMOND TOOLS

Product group	Concrete & masonry drill bits					Diamond products					Ceramics & tile drill bits		
	Shank	TRI	CYL	CYL	M16	M16	M16	-	-	-	HEX/SDS-plus	CYL	M14/HEX
Product	ProXtreme concrete drill bit	ProConcrete concrete steel bit	ProStone masonry drill bits	Core drill	DiamondWizard	Diamond drill bit for socket outlets	One for all	ExtremeCut	TurboCut Universal	EcoCut Universal	TurboTile Tile and ceramics hole saw	Turbo Tile and ceramics drill bits	Cera Expert Highspeed/Accuspeed
Page	48	50	52	54	57	58	60	61	62	63	65	64	66
Concrete	★★★	★★	★	★★	★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	
Reinforced concrete							★★	★	★	★	★	★	
Aerated and porous concrete	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	
Sand lime brick	★★★	★★★	★★★	★★★	★★★	★★	★★★	★★★	★★★	★★★	★★★	★★★	
Masonry	★★★	★★★	★	★★★	★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	
Brick	★★★	★★	★★	★★★	★★★	★★★	★★	★★★	★★★	★★★	★★★	★★★	
Roofing tiles	★★★							★★★	★★★	★★★	★★★	★★★	★★★
Granite	★★	★	★	★			★★						★★
Hard burnt tiles	★	★★							★★	★★	★★	★★	★★★
Marble	★★★	★	★	★	★	★★		★			★★★	★★★	★★
Wall tiles	★★★	★				★★					★★	★★★	★★
Natural stone	★★★	★★	★★	★★★	★★								
Glass											★★	★★	

Quality stages

- Professional Plus
- Professional
- Classic

Material suitability

- ★★★ Recommended
- ★★ Well suited
- ★ Suitable



3750 PROXTREME CONCRETE & NATURAL STONE DRILL BITS

Our best hammer drill for extreme requirements in concrete and natural stone.



HELLER-TV TUTORIALS
www.hellertools.com/en/heller-tv

- ✓ **Powerful. Durable. Convenient:** The multi-talent for concrete and all natural stone types with superior performance
- ✓ **Longest service life and excellent positioning behaviour**
- ✓ **3-edged "Tri" shank** prevents slipping in the drill chuck
- ✓ **A wide range of applications and perfect centring** thanks to ground carbide plate and high-strength tip soldering
- ✓ **Specially designed for challenging drilling**, e.g., in concrete, granite, marble and vertically perforated bricks
- ✓ **Extremely high speed** thanks to optimal tip geometry and large-volume helix design
- ✓ **Heller curing technology** ensures extreme performance characteristics and break resilience
- ✓ **Can be used for hammer drilling and rotary drilling**



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■□□

	**		★★		★★★		★★★		★★		★★★		★★★
TRI		Aerated & porous concrete		Sand lime brick		Marble		Brick		Masonry		Natural stone	



MIXED SET



28813 2 Cera Expert Ø 6/8 ProXtreme Ø 6/8



4

Art.	Dia.	L	SH	PC
28245 1	4	45	115	1
28247 5	5	50	115	1
28656 5	5	135	200	1
28249 9	6	60	125	1
28250 5	6	110	175	1
28657 2	6	185	250	1
28252 9	7	60	125	1
28253 6	8	80	145	1
28658 9	8	185	250	1
28254 3	9	80	145	1
28255 0	10	80	145	1
28659 6	10	185	250	1
28256 7	12	90	150	1
28257 4	14	90	150	1

PROXTREME CASSETTES



*1	28262 8	Ø 5/6/8	3
*2	28263 5	Ø 5/6/8/10	4
*3	28264 2	Ø 4/5/6/8/10	5



MIXED SET (CASE)



28816 3 Cera Expert Ø 6/8/10 ProXtreme Ø 6/8/10



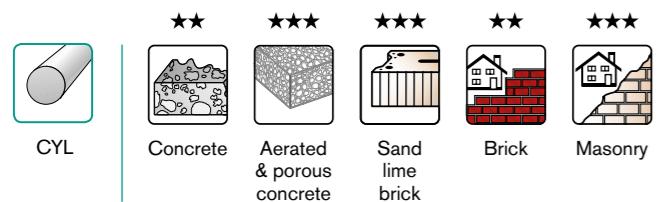
3000 PROCONCRETE CONCRETE/MASONRY DRILL BITS

Quality hammer drill bits for professional drilling solutions.

- ✓ Extremely **robust quality hammer** drill bits with significantly longer service life compared to traditional concrete drill bits
- ✓ **Fast drilling speed** thanks to wide helix
- ✓ **Special Heller curing technology** of the surface guarantees excellent break resilience
- ✓ Developed for **frequent use** in concrete and stone, sand lime brick and masonry
- ✓ Long **service life** thanks to optimised carbide geometry with enlarged point angle



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■□□□



Art. 4070159	mm ∅	mm L	mm D	mm d	pc
10000 7	3	45	85	1	
10001 4	4	45	85	1	
10003 8	5	50	95	1	
10026 7	5	110	150	1	
10005 2	6	60	100	1	
10027 4	6	110	150	1	
10007 6	7	60	100	1	
10008 3	8	80	120	1	
10028 1	8	135	200	1	
18001 6	8	350	400	1	
10010 6	9	80	120	1	
10011 3	10	80	120	1	
10029 8	10	150	200	1	
18002 3	10	350	400	1	
10013 7	12	90	130	1	
10030 4	12	150	200	1	
18004 7	12	350	400	1	
10015 1	14	90	150	1	
16229 6	14	200	260	1	
18006 1	14	350	400	1	
10016 8	16	90	150	1	
18008 5	16	350	400	1	
10017 5	18	100	160	1	
10018 2	20	100	160	1	

SETS

Art. 4070159	mm ∅	mm L	mm D	pc
17751 1	Ø 5/6/8			3
16873 1	Ø 5/6/8/10			4
17755 9	Ø 4/5/6/8/10			5
16884 7	Ø 4/5/6/8/10/12			7



ECO BOX

Art. 4070159	mm ∅	mm L	mm D	pc
19475 4	5	50	95	10
19476 1	6	60	100	10
19477 8	8	80	120	10





3015 PROSTONE MASONRY DRILL BITS

Entry-level impact drilling – fast, good and reliable.



- ✓ Quality drill bits for stone
- ✓ Optimised for masonry
- ✓ Ideal for use in cordless drills
- ✓ Quick dust removal thanks to 4-fluted helix
- ✓ Long service life thanks to stable carbide tip



SPEED ■■■■■■■■■■■■ LIFETIME ■■■■■■■■■■■■



CYL



Concrete



Aerated & porous concrete



Sand lime brick



Masonry



Brick



Natural stone



Marble



Wall Tiles



Granite



Roofing tiles



SETS



*1	17744 3	Ø 5/6/8/10	4
*2	17745 0	Ø 4/5/6/8/10	5
*3	18037 5	Ø 4/5/6/8/10/12	7





3225

CORE BIT/DRILL BIT FOR SOCKET OUTLETS

Core bit for installing socket outlets, recessed lighting, etc.

- ✓ Powerful, fast & durable with exchangeable pilot bit
- ✓ Low-wear carbide teeth for particularly fast and convenient drilling
- ✓ Precise concentricity for precise drilling and convenient work
- ✓ Particularly good durability thanks to the hardened steel body
- ✓ With M16 interior thread for fitting a pilot bit



23295 1	25	50	120	6	1
23296 8	30	50	120	6	1
23297 5	35	50	120	6	1
18944 6	40	50	120	6	1
18945 3	50	50	120	6	1
23298 2	68	50	120	6	1
25892 0	72	50	120	6	1
18947 7	80	50	120	6	1
18948 4	90	50	120	6	1
18949 1	100	50	120	8	1



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

	★★★		★★★		★★★		★★★		★★		★★★
M16		Aerated & porous concrete		Sand lime brick		Natural stone		Concrete		Masonry	

3226 PILOT BITS



Art. 4070159					
18951 4	9	-	120	1	

3270/18 DRIVE ADAPTER SDS-plus



Art. 4070159					
18954 5	-	-	110	1	
18955 2	-	-	300	1	
25092 4	-	-	415	1	

3215/18 SDS-plus CORE BITS, SETS OF DRILL BITS FOR SOCKET OUTLETS



Art. 4070159					
19625 3	40	50	120	3	
19626 0	50	50	120	3	
23342 2	68	50	120	3	
19628 4	80	50	120	3	

3390/09 UNIVERSAL CASSETTE HSS, STONE & WOOD



Art. 4070159					
17741 2	3 x Ø 5/6/8	-	9		

3270 HEXAGONAL DRIVE ADAPTER



Art. 4070159					
18952 1	-	-	100	1	

3090/09 UNIVERSAL CASSETTE HSS & STONE



Art. 4070159					
17742 9	Ø 3/4/4/5/5/6/6/8/8	-	9		



Art. 4070159					
18959 0	50	50	120	3	
23341 5	68	50	120	3	



TECHNICAL DETAILS DIAMOND TOOLS

QUALITY FEATURES

Besides carbide tools, **diamond tools** have established themselves on the market for processing very hard materials. Diamond products are the ideal tool for extremely accurate, fast and low-vibration applications in many materials as well as for cutting and large diameter drilling.

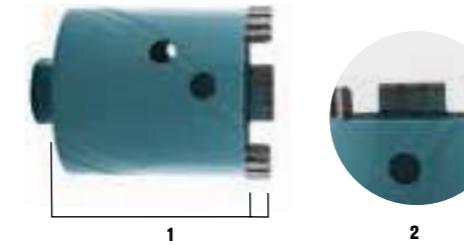
Purchasing diamond tools is a question of trust. From the outside you can barely tell the difference in quality between different drill bits or cutting discs. Consequently, it is all the more important to opt for a product made by a renowned quality man

- manufacturers when selecting tools. Heller can fall back on decades of experience in diamond tool manufacturing.

Heller diamond tools are easy to use and cost-effective – consequently, traders can save time and costs: gain a crucial advantage by drilling and cutting yourself. No more waiting time for external special-purpose providers – and work on the building site will no longer grind to a halt.

DIAMOND TOOL STRUCTURE

All diamond tools consist of at least two parts, a base body and the actual diamond layer **2**. The parts of the diamond tool that work their way into the material you are processing, the diamond segments, are just as crucial for the cutting capability and service life as is the connection between the segments and the base body.



DESIGN AND FUNCTION OF DIAMOND SEGMENTS

Diamond segments are tool-adapted moulds composed of a sinter metal and embedded diamond grains. They are soldered or welded onto the carrier. On account of chip formation, the diamond segments may only be of a limited length in order to allow the worn material particles to be removed from the segment surface via the formed chip grooves. Consequently, the coolant (air or water, depending on the application) must reach the segment surface. A further purpose of

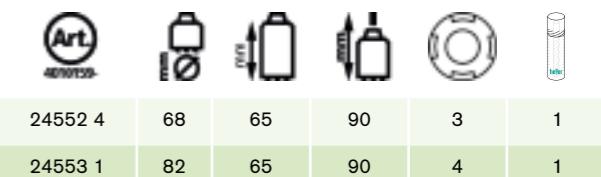
the cavities is to remove the machining dust or slurry. In this case, toothed tools demonstrate crucial advantages. Tools with a closed edge, however, provide a better surface and fewer cracks around the edges of the workpieces – crucial for tiles, for instance.

3285 DIAMONDWIZARD DRILL BIT FOR SOCKET OUTLETS

Perfect for installing socket outlets for plug sockets and junction boxes

- ✓ For professional installation work
 - ✓ Extremely resilient high-end diamond cutters for fast material removal and low wear
 - ✓ Can be used for dry drilling
 - ✓ Ideally suited for use in high-density sand lime brick wet sand lime brick and all types of masonry
 - ✓ Fast drill dust removal and reduced jamming effect thanks to the innovative drilling template with wizard spiral
 - ✓ With anti-vibration feature for fast and optimal centring
 - ✓ Accessories and extras: adapter and pilot bit available separately

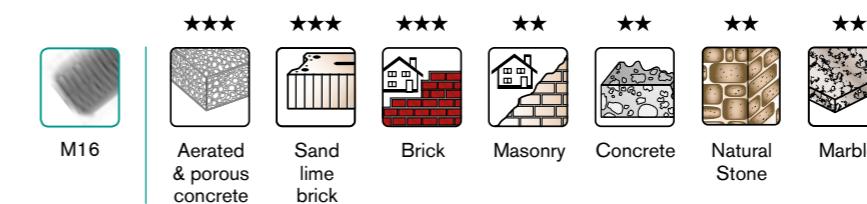
3285 DIAMONDWIZARD



PILOT BITS



3270/18 **DRIVE ADAPTER**





3290

DIAMOND DRILL BIT FOR SOCKET OUTLETS

Entry-level - quality drill bit for socket outlets.

- ✓ Diamond drill bit for socket outlets for installation work
 - ✓ Reliable segment connection
 - ✓ Faster progress
 - ✓ Universally deployable

27217 9	68	65	95	4	1
27219 3	82	65	95	5	1

3270/18 **DRIVE ADAPTER**



SPEED LIFE TIME

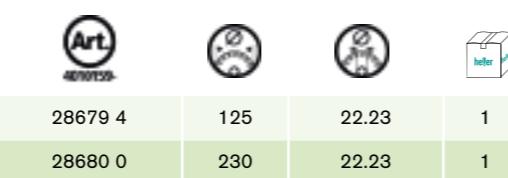




3873 ONE FOR ALL **DIAMOND DISC**

The all-rounder cutting disc. For all building materials.

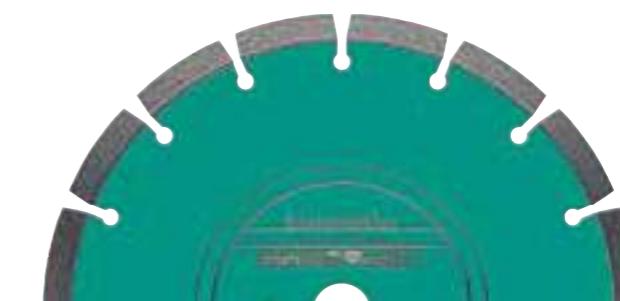
- ✓ **Universal disc** for quickly cutting in concrete, reinforced concrete, brick, natural stone, metal, sheet metal, wood, plastics, composites, etc.
 - ✓ **Suitable for dry use**
 - ✓ **Very long service life**
 - ✓ **Outstanding cutting characteristics**



3870 EXTREME CUT UNIVERSAL

High-performance all-round diamond disc for all dry and wet cuts.

- ✓ **Reliable cutting in all materials, also in extreme situations**
 - ✓ **High-frequency laser-welded design for maximum service life**
 - ✓ **10 mm segment height** for a large number of separating cuts
 - ✓ **Rugged design for a long service life**
 - ✓ **High-performance all-round disk** for dry and wet cutting on the building site





3871 TURBO CUT UNIVERSAL

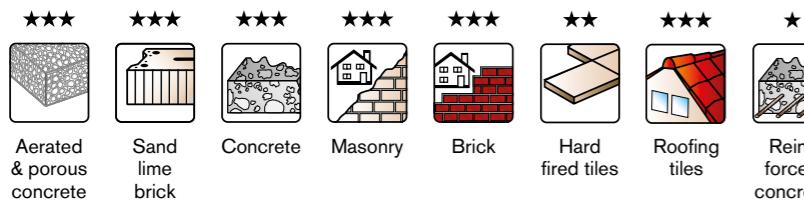
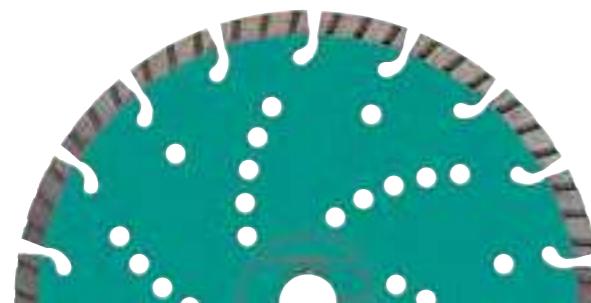
Turbo-fast universal cutting disc for all common cuts

- ✓ The fast diamond cutting disc
 - ✓ Segmented turbo cutting disk with 10 mm segment height
 - ✓ Sinter Hot-press technology for longer service life and excellent cutting results
 - ✓ Perforated master disk for long periods of use without breaks
 - ✓ Effective air cooling rely on a large number of slots in the cutting circle
 - ✓ Ideal for dry cutting with angle grinders



 HELLER-TV TUTORIALS
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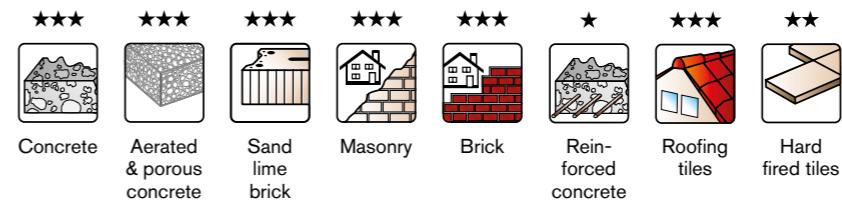
www.hellertools.com/en/heller-tv



3872 ECO CUT UNIVERSAL

Entry-level diamond disc for all cuts with an excellent price-performance ratio.

- ✓ For medium-difficulty cutting tasks on all standard building materials
 - ✓ Excellent price-performance ratio
 - ✓ Segment height 10 mm for extended use
 - ✓ Sinter Hot-press technology for longer service life and excellent cutting results
 - ✓ Ideal for dry cutting with angle grinders





3830 TURBOTILE TILE AND CERAMICS DRILL BITS

High-quality drill bit for tiles and ceramics.

- ✓ Easy drilling for neat holes
- ✓ Drilling with a grinding process prevents the material from cracking or chipping
- ✓ The drill core is easily removed via a side slot
- ✓ Can be used in all popular drills without any problems
- ✓ Liquid cooling recommended for a long service life

Art. 40101529					
26219 4	5	12	55	1	
26220 0	6	12	55	1	
26221 7	7	12	55	1	
26222 4	8	12	55	1	
26223 1	10	12	55	1	
26224 8	12	12	55	1	
26225 5	15	12	55	1	
26226 2	20	12	55	1	
26227 9	25	12	55	1	



SPEED LIFETIME

SETS

Art. 40101529			
26232 3	Ø 6/8/10	3	
26230 9	Ø 5/6/8/10	4	
26231 6	Ø 5/6/7/8	4	



3835 TURBOTILE TILE AND CERAMICS HOLE SAW

Premium hole saw for precise holes in tiles and ceramics.

- ✓ Prevents the material from cracking or breaking off
- ✓ Even drilling at the tile edge is no problem
- ✓ Can be deployed in all popular drilling machines
- ✓ Use with liquid cooling extends the service life
- ✓ Drill core easily removable via side slot



SPEED LIFETIME

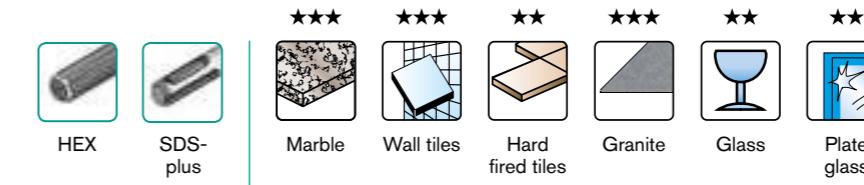
Art. 40101529				
26515 7	35	35	45	1
26516 4	44	35	45	1
26517 1	51	35	45	1
26518 8	60	35	45	1
26520 1	68	35	45	1
26523 2	83	35	45	1

ACCESSORIES

26526 3	Turbo tile hole saw adapters
26528 7	SDS-plus adapters
26530 0	Pilot bit

SETS

Art. 40101529				
26531 7 (26526 3, 26528 7, 26530 0)	Ø 68			3





3820/3821 CERA EXPERT HIGH SPEED/ ACCUSPEED STONEWARE & ROOFING TILE DRILL

Perfect for the toughest challenges.



- ✓ Maximum service life and perfect results in the hardest of tiles, roofing tiles and stoneware
- ✓ Cooling is ensure through integrated paraffin emulsion. Removes the need for additional cooling
- ✓ Suitable for angle grinders with M14 shank at high rotational speeds
- ✓ Heller tip: Work without exerting great pressure for centring and start drilling at one edge

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SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■



CERA EXPERT HIGHSPEED

Art.	mm Ø	mm L	mm	
28660 2	6	-	-	1
28661 9	8	-	-	1
28662 6	10	-	-	1
28663 3	12	-	-	1
28710 4	14	-	-	1
28664 0	20	-	-	1
28665 7	25	-	-	1
28666 4	35	-	-	1
28667 1	40	-	-	1
28668 8	45	-	-	1
28669 5	50	-	-	1
28670 1	60	-	-	1
28671 8	68	-	-	1
28672 5	82	-	-	1

SETS

Art.	mm Ø	mm L	mm	
28816 3	Cera Expert Ø 6/8/10 ProXtreme Ø 6/8/10	-	-	6

CERA EXPERT ACCUSPEED

Art.	mm Ø	mm L	mm	
29616 8	6	35	67	1
29617 5	8	35	67	1
29618 2	10	42	80	1
29620 5	12	42	80	1
29621 2	14	42	80	1
29619 9	6/8/10	42	80	3



You will find our Cera Expert stoneware & roofing tile drill bits on page 131.

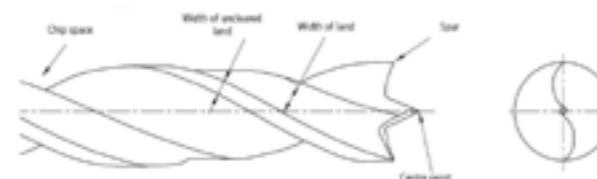
TECHNICAL DETAILS WOOD DRILL BITS

RECOMMENDED APPLICATIONS

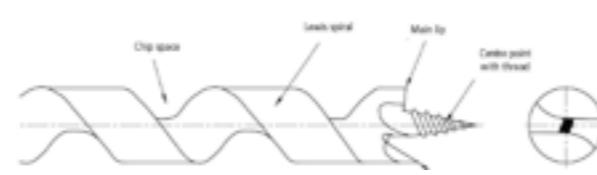
Accurately machined holes are vital when processing construction elements or producing high-quality wood parts. Where visible, they underline the looks of furniture and in the non-visible area holes are paramount for the accuracy of the design. For this reason, special, precisely machined wood drill bits must be used to process wood.

Wood drill bits are equipped with a distinctive centring tip. The hole is precisely determined using the centring tip. Lateral shoulder cuts enable clean-cut fibres around the edge of the bore.

Wood drill bit



Lewis auger drill bits



TIPS & TRICKS

Avoiding break-out

Securely clamp the workpiece onto a base plate (rest) and slightly drill into the base plate when drilling through materials. This prevents cracks on the bottom of the workpiece.

remove chips from the drilling channel. In the event of a lack of ventilation, and hence the removal of chips, the drilling channel clogs up, the drill bit jams in the hole and causes the material to heat up.

Guiding the drill

Drilling with a box column drill creates precise holes and a straight progression of the drilling action. Holes produced with a hand-held drill require precise guiding by hand.

Material suitability

The sharpness of drill bits can be maintained over a prolonged period of time if the drill bits are handled with care. For this purpose, it is important to exclusively use tools in solid wood or wood materials. Metal or masonry will make the drill bit blunt or cause it to fracture.

Removing chips during drilling

Pull the tool back through the bore regularly during drilling to

HELLER QUALITY FOR PERMANENTLY OUTSTANDING RESULTS

Heller exclusively uses the best steel for its quality wood drill bits. At the same time, accurate processing is crucial, a factor that becomes evident by the sharp cutting properties or the low levels of run out values. Finally, aspects, such as ergonomics and occupational safety are paramount.

We orientate our actions on the professional user's requirements. After all, all Heller products contribute to faster and more economical working for professionals.



BIT ADVISOR WOOD DRILL BITS

Product group	Twist drill bits								Countersinking and drilling							
	Shank	CYL	CYL	HEX	SDS-plus	SDS-plus	CYL	1/4 HEX	CYL	CYL	CYL	CYL	CYL	CYL	CYL	
Product	HSS TURBO Wood drill bit	Cv Brad point bits	Lewis Long Life Auger drill bits	Lewis Universal Auger drill bits	Formwork drill bits	Formwork drill bits	QuickBit Spade bits	Forstner HighSpeed	Forstner Universal	Expansion bit	BHinge boring bits	Dowel cutters	Wood countersinks	Countersink Attachment		
Page	70	72	76	77	79	77	74	81	83	89	85	86	87	88		
Coated chipboard	***		*				**	***	***	***	***	***	***	***	***	***
Formwork	***	**	***	***	***	***	***									
Beams	***	***	***	***	**	**	***	***	**	**	**	**	**	**	**	***
Greenwood	***	**	***	**	*	*	*	***	*		*		*			*
Chipboard	***		**				**	***	***	***	***	***	***	***	***	***
Veneer wood	***		***	*			*	***	***	***	***	***	***	***	***	***
Hardwood	***	***	***	***	***	***	*	***	***	***	***	***	***	***	***	***
Softwood	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
Plywood	***	**	***	***	**	**	***	***	***	***	***	**	**	***	***	***

Quality stages

- Professional Plus
- Professional
- Classic

Material suitability

- ★★★ Recommended
- ★★ Well suited
- ★ Suitable



0333 CV BRAD POINT BITS

Proven classic for drilling solutions in any type of wood.



- ✓ Precision centring and neat drill holes thanks to ground centring tips and two shoulder cutters
- ✓ Extra robust thanks to wear-resistant steel
- ✓ Fast progress and chip removal in hardwood and softwood
- ✓ Also suitable for use in **cordless** drills
- ✓ Ideally suited for use in combination with **90° countersink**



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

	★★★		★★		★★★		★★★		★★		★★		★★
CYL	Beams	Plywood	Soft-wood	Hard-wood	Form-work	Green-wood							



13242 8	3	30	60	1	3
11910 8	4	43	75	1	4
11912 2	5	50	85	1	5
11913 9	6	52	90	1	6
23354 5	6	200	250	1	6
11915 3	7	68	110	1	7
11917 7	8	75	120	1	8
23355 2	8	200	250	1	8
11919 1	9	78	125	1	9
11920 7	10	80	130	1	9.5
23356 9	10	200	250	1	9.5
11921 4	11	90	140	1	9.5
11922 1	12	100	150	1	9.5
23357 6	12	200	250	1	9.5
11923 8	13	100	150	1	9.5
11924 5	14	105	160	1	9.5
23358 3	14	200	250	1	9.5
11925 2	15	105	170	1	9.5
11926 9	16	115	180	1	9.5
23359 0	16	200	250	1	9.5
11927 6	18	120	190	1	9.5
23360 6	18	200	250	1	9.5
11928 3	20	130	200	1	9.5
23361 3	20	200	250	1	9.5
23349 1	22	140	210	1	13

SETS



*1	16872 4	4/5/6/8/10	5
*2	18736 7	3/4/5/6/7/8/9/10	8
*3	24646 0	3/4/5/6/7/8/9/10/11/12	10





WOOD DRILL BITS

0330 QUICKBIT SPADE BITS

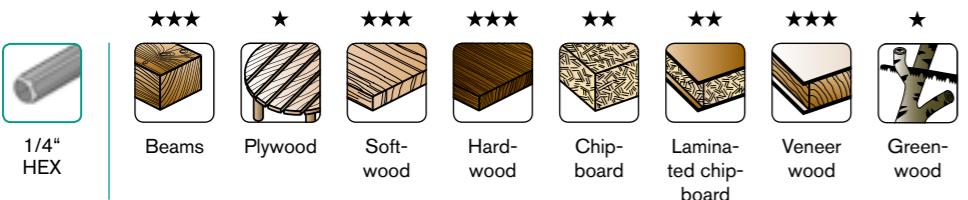
Wood drill bit for blind holes and through holes.



- ✓ For all applications in wood and wooden materials
- ✓ Fast and precise cutting thanks to specially hardened pre-cutters
- ✓ Extremely accurate centring without tear-out at the edge of the hole
- ✓ 1/4" hexagonal shaft prevents the drill bit from slipping into the drill chuck
- ✓ Extra long dimensions and extension available
- ✓ Heller QuickBIT® system: perfectly designed for use with cordless machines
- ✓ Ideal for cordless drills



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■



SETS



19069 5	10/13/16/19/22/25	6
26508 9	10/12/14/16/18/20 22/25/30/35/40	11

0331 EXTENSION



19070 1	HEX *1	300	1
27945 1	Quick release coupling *2	300	1

WOOD DRILL BITS



0386 LEWIS LONG LIFE AUGER DRILL BITS

Corrosion-resistant professional auger bit for permanent fast drilling.

- ✓ Special coating for permanent corrosion protection and fast, low-friction drilling progress
- ✓ Holes of all diameters guaranteed without tear-out
- ✓ Twice the service life compared with standard auger bits
- ✓ Up to 40% lower load on the drill and longer battery life to match
- ✓ Pull-in thread for autonomous drilling progress with minimal force application
- ✓ Can be re-sharpened up to 15 times
- ✓ Suitable for hard- and softwoods, also for moist woods and wet environments



400059



mm



mm



mm



mm

29246 7	12	380	450	1
29247 4	14	380	450	1
29248 1	16	380	450	1
29249 8	18	380	450	1
29250 4	20	380	450	1
29251 1	22	380	450	1
29340 2	Lewis Long Life Set 6tlg. Ø12/14/16/18/20/22 x 450mm			

0398 LEWIS UNIVERSAL AUGER BITS

Self-sinking drill bits for all woods.



- ✓ Self-sinking thread tip for on the spot drilling
- ✓ Excellent drilling progress thanks to extra sharp cutter tip
- ✓ Hardened pre- and main cutter ensures a long service life and maximum stability
- ✓ Lewis helix proven for fastest chip removal
- ✓ Ideal for cordless drills, too



SPEED ■■■■■■■■■■■■■■■■■■ LIFETIME ■■■■■■■■■■■■■■■■■■



SPEED ■■■■■■■■■■■■■■■■■■ LIFETIME ■■■■■■■■■■■■■■■■■■



SPEED ■■■■■■■■■■■■■■■■■■ LIFETIME ■■■■■■■■■■■■■■■■■■



HEX



Beams



Veneer wood



Soft-wood



Hard-wood



Plywood



Form-work



Green-wood



Chip-board



Laminated chip-board



HEX



SDS-
plus



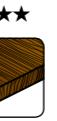
Beams



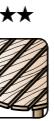
Soft-wood



Hard-wood



Plywood



Form-
work



Veneer
wood



Green-
wood

0398 LEWIS UNIVERSAL AUGER DRILL BITS



19029 9	6	150	235	1	
25722 0	6	255	320	1	
22702 5	8	100	200	1	
19030 5	8	150	235	1	
25723 7	8	255	320	1	
23310 1	8	375	460	1	
19031 2	10	150	235	1	
15484 0	10	255	320	1	
19035 0	10	375	460	1	
19032 9	12	150	235	1	
15485 7	12	255	320	1	
19036 7	12	375	460	1	
23312 5	12	515	600	1	
19033 6	14	150	235	1	
15486 4	14	245	320	1	
19037 4	14	375	460	1	
19034 3	16	150	235	1	
15487 1	16	245	320	1	
19038 1	16	375	460	1	
23314 9	16	515	600	1	
23300 2	18	150	235	1	
15488 8	18	245	320	1	
19039 8	18	370	460	1	
23315 6	18	510	600	1	
23301 9	19	150	235	1	
23302 6	20	150	235	1	
15489 5	20	245	320	1	
19040 4	20	370	460	1	
23316 3	20	510	600	1	
23303 3	22	145	235	1	
15490 1	22	245	320	1	
19041 1	22	365	460	1	
23317 0	22	510	600	1	
23304 0	24	145	235	1	
19042 8	24	365	460	1	
23318 7	24	510	600	1	
23305 7	25	140	235	1	
18733 6	25	365	460	1	
23306 4	26	140	235	1	
19043 5	26	365	460	1	
23319 4	26	505	600	1	
23307 1	28	140	235	1	
19044 2	28	365	400	1	
23320 0	28	505	600	1	



23308 8	30	135	235	1
19045 9	30	360	460	1
23321 7	30	500	600	1
23309 5	32	135	235	1
19046 6	32	360	460	1
23322 4	32	500	600	1



SETS



18981 1	10/12/14/16/18/20	450	6
18980 4	6/8/10/12/14/16	235	6



0398/18 LEWIS UNIVERSAL AUGER DRILL BITS SDS-plus

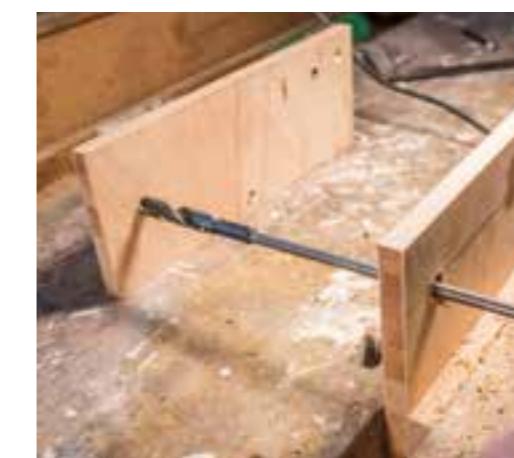
22702 5	8	100	200	1	
22703 2	10	160	235	1	
22704 9	12	160	235	1	
22705 6	16	160	235	1	
22706 3	20	160	235	1	
22707 0	22	160	235	1	
22708 7	25	160	235	1	



SDS-
plus

0337 CV FORMWORK DRILL BITS

Specifically for formwork with specially designed drill bits, also for concrete residues.



- ✓ Long service life even with demanding casings in slabs with concrete residues due to special alloying
- ✓ High strength and resistance to breakage thanks to hard-wearing CV steel
- ✓ Offset shaft with open helix runout prevents the drill bit from jamming
- ✓ Optimum chip removal in deep drill holes, too
- ✓ Excellent concentricity for precise holes
- ✓ Note: only use for rotary drilling!
- ✓ Also available as SDS-plus variant



Round shank

SPEED ■■■■■■■■■□□ LIFETIME ■■■■■■■■■■■□

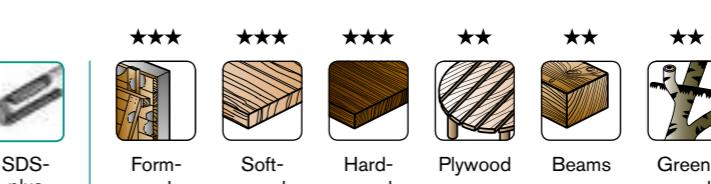


SDS-plus

SPEED ■■■■■■■■■□□ LIFETIME ■■■■■■■■■■■□



CYL
SDS-
plus



0337 CV FORMWORK DRILL BITS

0337 CV FORMWORK DRILL BITS

12091 3	8	350	400	6	1	
12103 3	8	550	600	6	1	
12092 0	10	350	400	8	1	
12104 0	10	550	600	8	1	
12093 7	12	350	400	8	1	
12105 7	12	550	600	8	1	
12094 4	14	350	400	8	1	
12106 4	14	550	600	8	1	
12095 1	16	350	400	10	1	
12107 1	16	550	600	10	1	
12096 8	18	350	400	10	1	
12108 8	18	550	600	10	1	
12097 5	20	350	400	10	1	
12109 5	20	550	600	10	1	
12098 2	22	350	400	10	1	
12110 1	22	550	600	10	1	
12099 9	24	350	400	11	1	
12111 8	24	550	600	11	1	
12112 5	26	550	600	11	1	
12124 8	26	750	800	11	1	
12113 2	28	550	600	11	1	
12125 5	28	750	800	11	1	
12114 9	30	550	600	11	1	

WOOD DRILL BITS

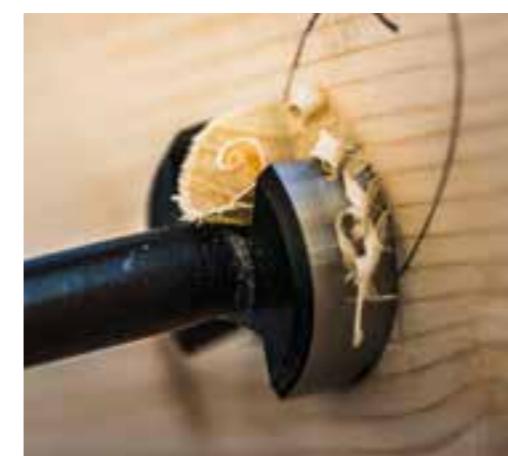
0338 CV SDS-plus FORMWORK DRILL BITS

19047 3	10	350	400	1		
23330 9	10	550	600	1		
19048 0	12	350	400	1		
23331 6	12	550	600	1		
26183 8	12	750	800	1		
19049 7	14	350	400	1		
19050 3	16	350	400	1		
23333 0	16	550	600	1		
19051 0	18	350	400	1		
23334 7	18	550	600	1		
19052 7	20	350	400	1		
23335 4	20	550	600	1		
23325 5	22	350	400	1		
23336 1	22	550	600	1		
23337 8	24	550	600	1		
23338 5	26	550	600	1		
23339 2	28	550	600	1		
23340 8	30	550	600	1		



0394 FORSTNER HIGH SPEED FORSTNER BITS

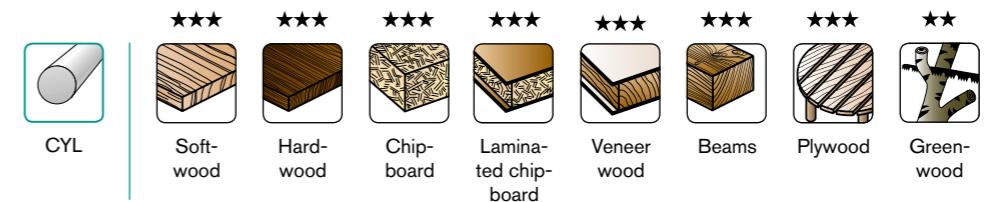
Professional precision Forstner drill bits for high speed drilling in any wood.



- ✓ Extremely fast drilling progress thanks to innovative cutting edges and drill bit geometry
- ✓ Patented serrated edge of main cutters causes lower friction, low wear and precise chip removal for precision drilling
- ✓ More than three times the service life compared with Universal Forstner drill bits
- ✓ Can be re-sharpened up to 30 times
- ✓ Suitable for all types of wood, MDF panels and chipboard



SPEED LIFETIME



WOOD DRILL BITS

0394 FORSTNER HIGH SPEED FORSTNER DRILL BITS



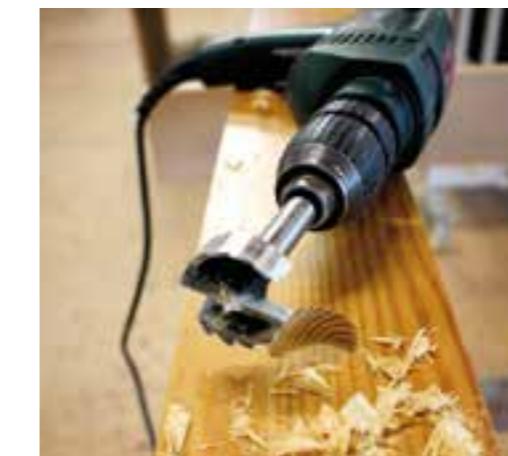
Art. No.	Diameter	Length	Angle	Quantity
29226 9	10	60	90	1
29227 6	12	60	90	1
29228 3	14	60	90	1
29229 0	15	60	90	1
29230 6	16	60	90	1
29231 3	18	60	90	1
29232 0	20	60	90	1
29233 7	22	60	90	1
29234 4	24	60	90	1
29235 1	25	60	90	1
29236 8	26	60	90	1
29237 5	28	60	90	1
29238 2	30	60	90	1
29239 9	32	60	90	1
29240 5	34	60	90	1
29241 2	35	60	90	1
29242 9	38	60	90	1
29243 6	40	60	90	1
29244 3	45	60	90	1
29245 0	50	60	90	1
29339 6	Forstner Highspeed Set 5 pieces (Ø15/20/25/30/35)			

WOOD DRILL BITS

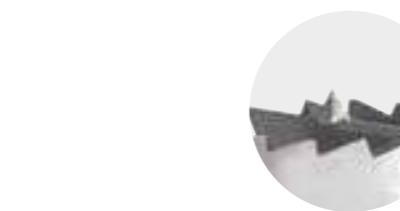


0396 FORSTNER UNIVERSAL FORSTNER BITS

The professional precision Forstner drill bit for precise results in any wood.



- ✓ Ideal for **blind holes** in solid wood and wooden materials
- ✓ Serrated peripheral cutting edges and two main cutting edges ensure precise drill holes even near edges
- ✓ With **precision-ground centring tip** for precise centring



SPEED ■■■■■■■■□□ LIFETIME ■■■■■■■■■□



WOOD DRILL BITS

0396 FORSTNER UNIVERSAL FORSTNER DRILL BITS



12027 2	10	50	90	9.5	1
12028 9	12	50	90	9.5	1
12029 6	14	50	90	9.5	1
12030 2	15	50	90	9.5	1
12031 9	16	50	90	9.5	1
12032 6	18	50	90	9.5	1
12033 3	20	50	90	9.5	1
12034 0	22	50	90	9.5	1
12035 7	24	50	90	9.5	1
12036 4	25	50	90	9.5	1
12037 1	26	50	90	9.5	1
12038 8	28	50	90	9.5	1
12039 5	30	50	90	9.5	1
12040 1	32	50	90	9.5	1
12041 8	34	50	90	9.5	1
12042 5	35	50	90	9.5	1
12043 2	36	50	90	9.5	1
12044 9	38	50	90	9.5	1
12045 6	40	50	90	9.5	1
12046 3	45	50	90	9.5	1
12047 0	50	50	90	9.5	1

WOOD DRILL BITS

SETS



0790 **HINGE HOLE BITS**

Quality drill bit specially for hinges.

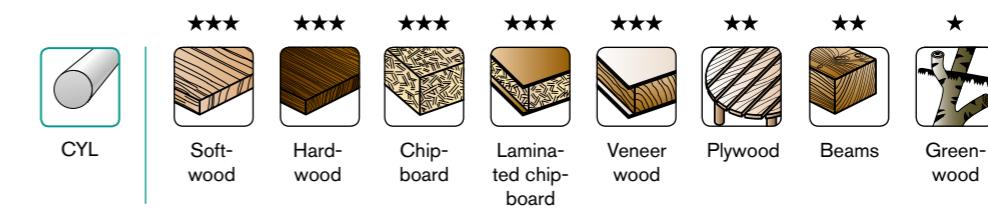
- ✓ The perfect solution for drilling hinge holes in any panel material
 - ✓ Ideal for use in box column machines
 - ✓ Small centring tip protrusion enables drilling of hinge holes in thin panel materials
 - ✓ With HSS centring tip for **maximised service life**
 - ✓ Two carbide precutting edges and two carbide main cutting edges **for long service life and precisely drilled holes**
 - ✓ The Heller tip: Select a speed below 3000 rpm



14920 4	20	30	60	1
10705 1	25	30	60	1
10706 8	26	30	60	1
10707 5	30	30	60	1
10709 9	35	30	60	1



A horizontal bar chart comparing two metrics: SPEED and LIFETIME. The SPEED bar consists of 10 teal-colored segments. The LIFETIME bar consists of 12 teal-colored segments.





0496 DOWEL CUTTERS

Special drill bit for manufacturing pins and knothole dowels.

- ✓ The Heller Plug cutter - perfection in every detail
- ✓ This way, every dowel matches the colour and type of wood for each workpiece
- ✓ Ideal for staircase construction and laying floorboards
- ✓ Design as per DIN 7489



12078 4	10	35	140	13	1
12079 1	12	35	140	13	1
12080 7	15	35	140	13	1
12081 4	20	35	140	13	1
12083 8	30	35	140	13	1



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■



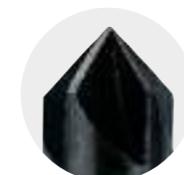
0122 WOOD COUNTERSINKS

Special drill bit for countersinking any screw head.

- ✓ Reliable and precise work in all types of wood
- ✓ Fast chamfering of drilled holes
- ✓ Precise sinking of countersunk head screws and raised countersunk-head screws
- ✓ Five blades ensure precise work



12009 8	13	80	80	8	1
12010 4	16	90	90	8	1
12011 1	20	100	100	8	1



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■





0102

COUNTERSINK ATTACHMENT

Practical drill-mounted countersink: drilling and countersinking in one work step.

- ✓ Universally deployable
- ✓ 5-blade geometries for clean countersinking, also in hard materials
- ✓ 90° countersink angle allows for precise countersinking of screws
- ✓ Can also be used as a depth stop
- ✓ Ideal for cordless drills



11857 6	3	16	25	1
11858 3	3.5	16	25	1
11859 0	4	16	25	1
11861 3	5	16	25	1
11863 7	6	16	25	1



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■□□



0106

EXPANSION BIT

All-round drill bit with adjustable drilling diameter.

- ✓ Universal drill bit: The right tool for every hole thanks to the adjustable blade. An all-round tool for the most common applications
- ✓ Blade length can be adjusted individually for a width of 22-76 mm; simple and flexible
- ✓ Precise, stable design
- ✓ Extra precision thanks to precision-ground three-edge tip and pre-cutter



12086 9	22,0-76,0	125	185	13	1
---------	-----------	-----	-----	----	---



SPEED ■■■■■■■■■□□ LIFETIME ■■■■■■■■■□□



TECHNICAL DETAILS METAL DRILL BITS

QUALITY FEATURES

High-quality tools are crucial to process metals. The exact connection of components requires an accurately produced holes.

Unsmooth or incorrectly produced holes with burrs may cause reworking and the quality is crucially impaired. As a consequence, it is paramount to use drill bits produced in compliance with the applicable DIN standards.



The following DIN standards apply for helical drill bits with a cylinder shaft:

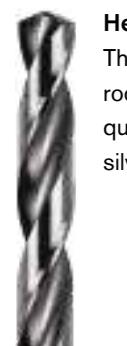
- DIN 338 Helical drill bits with cylinder shaft
- DIN 1897 Extra short helical drill bits with cylinder shaft
- DIN 340 Long helical drill bits with cylinder shaft
- DIN 1869 Extra long helical drill bits with cylinder shaft
- DIN 1414 Technical delivery conditions for helical drill bits made of high-speed steel (HSS)

Materials	HSS-Co	HSS-TiN	HSS-G	HSS-R
Steel (N/mm ²) 900	★★★	★★★	★★★	★★★
Steel (N/mm ²) < 1100	★★★	★★		
Steel (N/mm ²) < 1300	★★	★		
Stainless steels	★★★	★★		
Aluminium	★★★		★★★	
Brass	★★★	★★★	★★★	★★
Bronze	★★	★★	★★	★★
Plastics	★★★	★★★	★★★	
Cast iron	★★★	★★	★★★	★★

★★★ Excellent choice

★★ suitable for occasional use

MANUFACTURING METHOD



Helical grinding

This process involves cutting the helix from a round rod. These bits are extremely precise and used for quality work. A cut bit is normally identifiable by its silver colour.



Roller pressing

More simple bits are manufactured using a (hot) roller-pressing process. A round metal bar is clamped by a mould, thus giving it a helical shape. These bits are perfect for rough work. Roller-pressed bits are often identifiable by their black colour

SPEEDS & FEED SPEED

Material	Cutting speed	Rotational speed per minute for Ø							Cooling lubricant
		3 mm	4 mm	6 mm	10 mm	16 mm	25 mm	40 mm	
Non-alloy construction steel < 700 N/mm ²	30 m/min	3800	2400	1500	1000	600	400	200	Cooling lubricant emulsion
Non-alloy construction steel > 700 N/mm ²	20 m/min	2500	1600	1000	600	400	300	200	Cooling lubricant emulsion
Alloy steel < 1000 N/mm ²	20 m/min	2500	1600	1000	600	400	300	200	Cooling lubricant emulsion
Cast iron	15 m/min	1900	1200	800	500	300	200	100	Dry (compressed air)
CuZn alloys	60 m/min	7600	4800	3000	1900	1200	800	500	Dry (compressed air)
Al alloys	40 m/min	5100	3200	2000	1300	800	500	300	Cooling lubricant emulsion
Thermoplastics	35 m/min	4500	2800	1800	1100	700	400	300	Water, compressed air
Thermoset plastics	25 m/min	3200	2000	1300	800	500	300	200	Dry (compressed air)

Material	Feed speed in mm per revolution for Ø						
	3 mm	4 mm	6 mm	10 mm	16 mm	25 mm	40 mm
Non-alloy construction steel < 700 N/mm ²	0,05	0,08	0,12	0,18	0,25	0,32	0,4
Non-alloy construction steel > 700 N/mm ²	0,05	0,08	0,12	0,18	0,25	0,32	0,4
Alloy steel < 1000 N/mm ²	0,05	0,08	0,12	0,18	0,25	0,32	0,4
Cast iron	0,06	0,1	0,16	0,22	0,3	0,4	0,5
CuZn alloys	0,06	0,1	0,16	0,22	0,3	0,4	0,5
Al alloys	0,08	0,12	0,2	0,28	0,38	0,5	0,63
Thermoplastics	0,08	0,12	0,2	0,28	0,38	0,5	0,63
Thermoset plastics	0,05	0,08	0,12	0,18	0,25	0,32	0,4

TIPS AND TRICKS

Removing chips during drilling

Regularly pulling back (venting) the drill bit prevents chips from depositing in the helical of the drill bit. If the hole is not vented and hence the chips are not removed, the drill bit will jam in the hole and may crack.

Guiding the drill

Drilling with a box column drill creates precise holes and a straight progression of the drilling action. Drills with a handheld drill require very accurate guiding.

Cooling

Drilling into harder material may cause the tools to heat up. The blade wear progresses more severely and the probability of cracks increases. For a longer service life it is important to supply a suitable coolant over the entire drilling time.

Material suitability
The sharpness of the drill bit – and thus the cutting capability in metal and plastic – can be maintained over a prolonged period of time if the drill bits are handled with care. For this purpose, it is important not to use the tools in ceramics, masonry or any other "unsuitable" materials.

HELLER QUALITY FOR PERMANENTLY OUTSTANDING RESULTS

Heller uses selected HSS steels for its metal drill bits. At the same time, we focus on high-quality workmanship, evident for instance in the precision grind of the tip and helix as well as the low run-out values. Heller always focuses on

the demands of professional users. After all, all Heller products contribute to faster and more cost-effective working for traders.



BIT ADVISOR

METAL DRILL BITS

METAL DRILL BITS

Product group	HSS metal drill bits			HSS steel drill bits		HSS special steel drill bits								
Shank	CYL	CYL	CYL	CYL	CYL	CYL	CYL	CYL	MORSE	CYL	CYL	CYL	CYL	CYL HEX
Product	HSS-CO Cobalt	HSS-TIN	HSS-G Turbo	HSS-G Super	HSS-R DIN 338 RN	HSS-G Super DIN 340	HSS steel drill bits with offset shank	HSS Blacksmith	Morse taper shank	HSS Sheet metal cone bit	HSS Step drill bit	Tapering & deburring countersinks	HSS Transverse countersink 90°	HSS-CO Stainless steel hole saw
Page	93	96	98	100	103	105	109	110	111	117	118	115	116	119
Sheet metals	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★★	★★	★★	★★★
Non-ferrous metals	★★★	★★★	★★★	★★	★★	★★	★★	★★	★★	★★★	★★★	★★	★★	★★★
Iron	★★★	★★★	★★★	★★★	★★	★★★	★★	★★	★★			★★★	★★★	
Cast iron	★★★	★★★	★★★	★★★	★★	★★★	★★	★★	★★			★★★	★★★	
Stainless steel	★★★	★★	★	★★		★						★	★	★★★
Steel	★★★	★★	★★★	★★	★	★★	★	★	★					★★★

Quality stages

-  Professional Plus
-  Professional
-  Classic

Material suitability

- ★★★ Recommended
- ★★ Well suited
- ★ Suitable

0990 HSS-CO DIN 338 RN COBALT STAINLESS STEEL DRILL BITS

Premium HSS drill bit for the toughest Jobs in stainless steel and metal.



- ✓ **Unbeatable in high-alloy steel and stainless steel -**
the perfect solution for the most challenging drilling
 - ✓ Made of **special HSS steel with 5% cobalt** for extremely long life
 - ✓ **Pinpoint centring thanks to** split point grinding and 135° point angle
 - ✓ Precision tool as per DIN 338 RN for **outstanding dimensional accuracy** of the hole
 - ✓ Excellent concentricity as per DIN 1414



A horizontal bar chart comparing two metrics across four categories. The first category, labeled 'SPEED', has a bar composed of 10 teal-colored segments. The second category, labeled 'LIFETIME', has a bar composed of 11 teal-colored segments.



CY



Sheet metal



Non-ferrous metals



Steel |



Im



Cast i



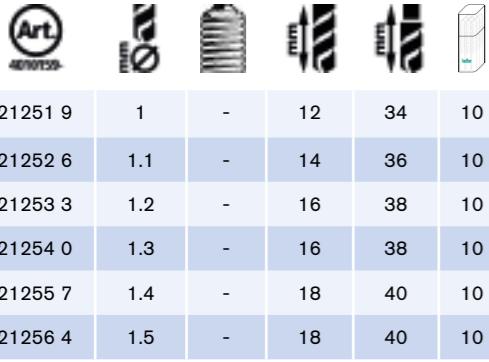
**Stainless
steel**

0990 HSS-CO DIN 338 RN COBALT STAINLESS STEEL DRILL BITS



21221 2	1	-	12	34	1	
21222 9	1.5	-	18	40	1	
21223 6	2	-	24	49	1	
21224 3	2.5	M3	30	57	1	
21225 0	3	-	33	61	1	
21226 7	3.2	-	36	65	1	
21227 4	3.3	M4	36	65	1	
21228 1	3.5	-	39	70	1	
21229 8	4	-	43	75	1	
21230 4	4.2	M5	43	75	1	
21231 1	4.5	-	47	80	1	
21232 8	4.8	-	52	86	1	
21233 5	5	M6	52	86	1	
21234 2	5.5	-	57	93	1	
21235 9	6	M7	57	93	1	
21236 6	6.5	-	63	101	1	
21237 3	7	-	69	109	1	
21238 0	7.5	-	69	109	1	
21239 7	8	-	75	117	1	
21240 3	8.5	M10	75	117	1	
21241 0	9	-	81	125	1	
21242 7	9.5	M11	81	125	1	
21243 4	10	-	87	133	1	
21244 1	10.5	-	87	133	1	
21245 8	11	-	94	142	1	
21246 5	11.5	-	94	142	1	
21247 2	12	M14	101	151	1	
21248 9	12.5	-	101	151	1	
21249 6	13	-	101	151	1	

QUADROPACKS



21251 9	1	-	12	34	10	
21252 6	1.1	-	14	36	10	
21253 3	1.2	-	16	38	10	
21254 0	1.3	-	16	38	10	
21255 7	1.4	-	18	40	10	
21256 4	1.5	-	18	40	10	



21257 1	1.6	M2	20	43	10	
21258 8	1.7	-	20	43	10	
21259 5	1.8	-	22	46	10	
21260 1	1.9	-	22	46	10	
21261 8	2	-	24	49	10	
21262 5	2.1	-	24	49	10	
21263 2	2.2	-	27	53	10	
21264 9	2.3	-	27	53	10	
21265 6	2.4	-	30	57	10	
21266 3	2.5	M3	30	57	10	
21267 0	2.6	-	30	57	10	
21268 7	2.7	-	33	61	10	
21269 4	2.8	-	33	61	10	
21270 0	2.9	-	33	61	10	
21271 7	3	-	33	61	10	
21272 4	3.1	-	36	65	10	
21273 1	3.2	-	36	65	10	
21274 8	3.3	M4	36	65	10	
21275 5	3.4	-	39	70	10	
21276 2	3.5	-	39	70	10	
21277 9	3.6	-	39	70	10	
21278 6	3.7	-	39	70	10	
21279 3	3.8	-	43	75	10	
21280 9	3.9	-	43	75	10	
21281 6	4	-	43	75	10	
21282 3	4.1	-	43	75	10	
21283 0	4.2	M5	43	75	10	
21284 7	4.3	-	47	80	10	
21285 4	4.4	-	47	80	10	
21286 1	4.5	-	47	80	10	
21287 8	4.6	-	47	80	10	
21288 5	4.7	-	47	80	10	
21289 2	4.8	-	52	86	10	
21290 8	4.9	-	52	86	10	
21291 5	5	M6	52	86	10	
21292 2	5.1	-	52	86	10	
21293 9	5.2	-	52	86	10	
21294 6	5.3	-	52	86	10	
21295 3	5.4	-	57	93	10	
21296 0	5.5	-	57	93	10	
21297 7	5.6	-	57	93	10	



21298 4	5.7	-	57	93	10	
21299 1	5.8	-	57	93	10	
21300 4	5.9	-	57	93	10	
21301 1	6	M7	57	93	10	
21302 8	6.1	-	63	101	10	
21303 5	6.2	-	63	101	10	
21304 2	6.3	-	63	101	10	
21305 9	6.4	-	63	101	10	
21306 6	6.5	-	63	101	10	
21307 3	6.6	-	63	101	10	
21308 0	6.7	-	63	101	10	
21309 7	6.8	M8	69	109	10	
21310 3	6.9	-	69	109	10	
21311 0	7	-	69	109	10	
21312 7	7.1	-	69	109	10	
21313 4	7.2	-	69	109	10	
21314 1	7.3	-	69	109	10	
21315 8	7.4	-	69	109	10	
21316 5	7.5	-	69	109	10	
21317 2	7.6	-	75	117	10	
21318 9	7.7	-	75	117	10	
21319 6	7.8	M9	75	117	10	
21320 2	7.9	-	75	117	10	
21321 9	8	-	75	117	10	
21322 6	8.1	-	75	117	10	
21323 3	8.2	-	75	117	10	
21324 0	8.3	-	75	117	10	
21325 7	8.4	-	75	117	10	
21326 4	8.5	M10	75	117	10	
21327 1	8.6	-	81	125	10	
21328 8	8.7	-	81	125	10	
21329 5	8.8	-	81	125	10	
21330 1	8.9	-	81	125	10	
21331 8	9	-	81	125	10	
21332 5	9.1	-	81	125	10	
21333 2	9.2	-	81	125	10	
21334 9	9.3	-	81	125	10	
21335 6	9.4	-	81	125	10	
21336 3	9.5	M11	81	125	10	



0950 HSS TIN DIN 338 STEEL DRILL BITS

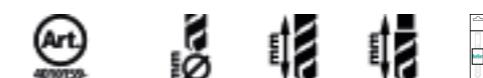
Titanium nitride coated premium steel drill bits.



- ✓ Particularly long service life and great drilling performance thanks to titanium coating
- ✓ In special HSS quality for a long service life
- ✓ Split point grinding and 135° point angle for optimum centring during spot drilling
- ✓ Precision tool as per DIN 338 RN for outstanding dimensional accuracy of the hole
- ✓ Excellent concentricity as per DIN 1414
- ✓ Applications: Steel (alloy and non alloy), iron, castings, sheet metal, non-ferrous metals, plastics, steel and cast steel up to 1400 N/mm² strength



SPEED ■■■■■■■■■■■■ LIFETIME ■■■■■■■■■■■■



29252 8	1	12	34	1
29253 5	1.5	18	40	1
29254 2	2	24	49	1
29255 9	2.5	30	57	1
29256 6	3	33	61	1
29257 3	3.2	36	65	1
29258 0	3.3	36	65	1
29259 7	3.5	39	70	1
29260 3	4	43	75	1
29261 0	4.2	43	75	1
26262 7	4.5	47	80	1
29263 4	4.8	52	86	1
29264 1	5	52	86	1
29265 8	5.5	57	93	1
29266 5	6	57	93	1
29267 2	6.5	63	101	1
29268 9	7	69	109	1
29269 6	7.5	69	109	1
29270 2	8	75	117	1
29271 9	8.5	75	117	1
29272 6	9	81	125	1
29273 3	9.5	81	125	1
29274 0	10	87	133	1
29275 7	10.5	87	133	1
29276 4	11	94	142	1
29277 1	11.5	94	142	1
29278 8	12	101	151	1
29279 5	12.5	101	151	1
29280 1	13	101	151	1



29289 4	4	43	75	10
29290 0	4.2	43	75	10
29291 7	4.5	47	80	10
29292 4	4.8	52	86	10
29293 1	5	52	86	10
29294 8	5.5	57	93	10
29295 5	6	57	93	10
29296 2	6.5	63	101	10
29297 9	7	69	109	10
29298 6	7.5	69	109	10
29299 3	8	75	117	10
29300 6	8.5	75	117	10
29301 3	9	81	125	10
29302 0	9.5	81	125	10
29303 7	10	87	133	10
29304 4	10,5	87	133	5
29305 1	11	94	142	5
29306 8	11.5	94	142	5
29307 5	12	101	151	5
29308 2	12.5	101	151	5
29309 9	13	101	151	5

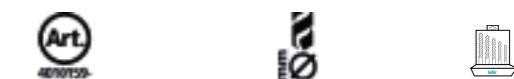
SETS



QUADROPACKS



29281 8	1	12	34	10
29282 5	1.5	18	40	10
29283 2	2	24	49	10
29284 9	2.5	30	57	10
29285 6	3	33	61	10
29286 3	3.2	36	65	10
29287 0	3.3	36	65	10
29288 7	3.5	39	70	10



29350 1	Ø 2/3/4/5/6/8	6
29351 8	Ø 2/2,5/3/3,5/...7/7,5/8	13
29352 5	Ø 1/1,5/2/2,5/...9/9,5/10	19
29353 2	Ø 1/1,5/2/2,5/...12/12,5/13	25

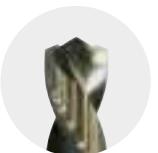


0906 HSS-G TURBO DIN 338 RN METAL DRILL BITS

Ground precision drill bit for challenging drilling in metal and steel.



- ✓ Drilling without centring For extremely precise holes
- ✓ HSS-G quality for a long service life
- ✓ Aggressive, self-centering W tip
- ✓ Fully ground helix design
- ✓ Virtually burr-free, extremely precise and perfectly circular holes
- ✓ Great results, also in thin steel sheets
- ✓ Quick drilling progress
- ✓ Ideal for cordless drills or box column drills



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

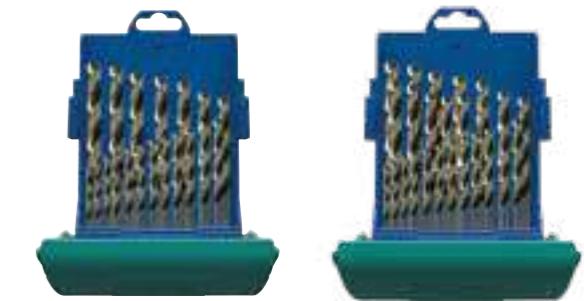
	★★★		★★★		★★★		★★★		★★★		*		★★★
CYL		Sheet metal		Non-ferrous metals		Iron		Cast iron		Stainless steel		Steel	



28630 5	3	33	61	1
28631 2	3.2	36	65	1
28632 9	3.3	36	65	1
28633 6	3.5	39	70	1
28634 3	4	43	75	1
28635 0	4.2	43	75	1
28636 7	4.5	47	80	1
28637 4	4.8	52	86	1
28638 1	5	52	86	1
28639 8	5.5	57	93	1
28640 4	6	57	93	1
28641 1	6.5	63	101	1
28642 8	7	69	109	1
28643 5	7.5	69	109	1
28644 2	8	75	117	1
28645 9	8.5	75	117	1
28646 6	9	81	125	1
28647 3	9.5	81	125	1
28648 0	10	87	133	1
28649 7	10.5	87	133	1
28650 3	11	94	142	1
28651 0	11.5	94	142	1
28652 7	12	101	151	1
28653 4	12.5	101	151	1
28654 1	13	101	151	1

SETS

28706 7	Ø 1-10 mm	19
28707 4	Ø 1-13 mm	25





0900 HSS-G SUPER DIN 338 RN STEEL DRILL BITS

High-quality drill bit for alloyed and unalloyed steels.

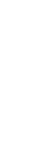
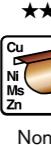


- ✓ Highly-precise and durable with best finish in metal
- ✓ Precision ground as per DIN 338 RN for outstanding dimensional accuracy of the drilled hole
- ✓ Split point grinding and 135° point angle for optimum centring during spot drilling
- ✓ Excellent concentricity as per DIN 1414

METAL DRILL BITS



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■



17760 3	1	12	34	2
17761 0	1.5	18	40	2
17762 7	2	24	49	2
17763 4	2.5	30	57	2
17764 1	3	33	61	2
17765 8	3.2	36	65	2
17766 5	3.3	36	65	2
17767 2	3.5	39	70	2
17768 9	4	43	75	1
17769 6	4.2	43	75	1
17770 2	4.5	47	80	1
17771 9	4.8	52	86	1
17772 6	5	52	86	1
17773 3	5.5	57	93	1
17774 0	6	57	93	1
17775 7	6.5	63	101	1
17776 4	7	69	109	1
17777 1	7.5	69	109	1
17778 8	8	75	117	1
17779 5	8.5	75	117	1
17780 1	9	81	125	1
17781 8	9.5	81	125	1
17782 5	10	87	133	1
17783 2	10.5	87	133	1
17784 9	11	94	142	1
17785 6	11.5	94	142	1
17786 3	12	101	151	1
17787 0	12.5	101	151	1
17788 7	13	101	151	1



21121 5	1	-	12	34	10
21122 2	1.1	-	14	36	10
21123 9	1.2	-	16	38	10
21124 6	1.3	-	16	38	10
21125 3	1.4	-	18	40	10
21126 0	1.5	-	18	40	10
21127 7	1.6	M2	20	47	10
21128 4	1.7	-	20	43	10
21129 1	1.8	-	22	46	10
21130 7	1.9	-	22	46	10
21131 4	2	-	24	49	10
21132 1	2.1	-	24	49	10
21133 8	2.2	-	27	53	10
21134 5	2.3	-	27	53	10
21135 2	2.4	-	30	57	10
21136 9	2.5	M3	30	57	10
21137 6	2.6	-	30	57	10
21138 3	2.7	-	33	61	10
21139 0	2.8	-	33	61	10
21140 6	2.9	-	33	61	10
21141 3	3	-	33	61	10
21142 0	3.1	-	36	65	10
21143 7	3.2	-	36	65	10
21144 4	3.3	M4	36	65	10
21145 1	3.4	-	39	70	10
21146 8	3.5	-	39	70	10
21147 5	3.6	-	39	70	10
21148 2	3.7	-	39	70	10
21149 9	3.8	-	43	75	10
21150 5	3.9	-	43	75	10
21151 2	4	-	43	75	10
21152 9	4.1	-	43	75	10
21153 6	4.2	M5	43	75	10
21154 3	4.3	-	47	80	10
21155 0	4.4	-	47	80	10
21156 7	4.5	-	47	80	10
21157 4	4.6	-	47	80	10
21158 1	4.7	-	47	80	10
21159 8	4.8	-	52	86	10
21160 4	4.9	-	52	86	10
21161 1	5	M6	52	86	10



23022 3	0.2	-	3	19	10
23023 0	0.3	-	3	19	10
23024 7	0.4	-	5	20	10
23025 4	0.5	-	6	22	10
23026 1	0.6	-	7	24	10
23027 8	0.7	-	9	28	10
23028 5	0.8	M1	10	30	10
23029 2	0.9	-	11	32	10

0900 HSS-G SUPER DIN 338 RN STEEL DRILL BITS



21162 8	5.1	-	52	86	10
21163 5	5.2	-	52	86	10
21164 2	5.3	-	52	86	10
21165 9	5.4	-	57	93	10
21166 6	5.5	-	57	93	10
21167 3	5.6	-	57	86	10
21168 0	5.7	-	57	93	10
21169 7	5.8	-	57	93	10
21170 3	5.9	-	57	93	10
21171 0	6	M7	57	93	10
21172 7	6.1	-	63	101	10
21173 4	6.2	-	63	101	10
21174 1	6.3	-	63	101	10
21175 8	6.4	-	63	101	10
21176 5	6.5	-	63	101	10
21177 2	6.6	-	63	101	10
21178 9	6.7	-	63	101	10
21179 6	6.8	M8	69	109	10
21180 2	6.9	-	69	109	10
21181 9	7	-	69	109	10
21182 6	7.1	-	69	109	10
21183 3	7.2	-	69	109	10
21184 0	7.3	-	69	109	10
21185 7	7.4	-	69	109	10
21186 4	7.5	-	69	109	10
21187 1	7.6	-	75	117	10
21188 8	7.7	-	75	117	10
21189 5	7.8	M9	75	117	10
21190 1	7.9	-	75	117	10
21191 8	8	-	75	117	10
21192 5	8.1	-	75	117	10
21193 2	8.2	-	75	117	10
21194 9	8.3	-	75	117	10
21195 6	8.4	-	75	117	10
21196 3	8.5	M10	75	117	10
21197 0	8.6	-	81	125	10
21198 7	8.7	-	81	125	10
21199 4	8.8	-	81	125	10
21200 7	8.9	-	81	125	10
21201 4	9	-	81	125	10



21202 1	9.1	-	81	125	10
21203 8	9.2	-	81	125	10
21204 5	9.3	-	81	125	10
21205 2	9.4	-	81	125	10
21206 9	9.5	M11	81	125	10
21207 6	9.6	-	87	133	10
21208 3	9.7	-	87	133	10
21209 0	9.8	-	87	133	10
21210 6	9.9	-	87	133	10
21211 3	10	-	87	133	10
21212 0	10.2	M12	87	133	5
21213 7	10.5	-	87	133	5
21214 4	11	-	94	142	5
21216 8	11.5	-	94	142	5
21217 5	12	M14	101	151	5
21219 9	12.5	-	101	151	5
21220 5	13	-	101	151	5
25734 3	13.5	-	108	160	5
25736 7	14	M16	108	160	5

METAL DRILL BITS



0901 HSS-R DIN 338 RN **STEEL DRILL BITS**

Proven steel drill bits with Heller quality



- ✓ The classic choice for **daily solutions in metal**. Ideal for unalloyed steels
 - ✓ Reliable, **rolled HSS drill** bit with continuous helix hardness
 - ✓ Wire edge at the outside of the taper removed with a point angle of 118° to enable a **long service life**
 - ✓ Precision tool as per DIN 338 RN

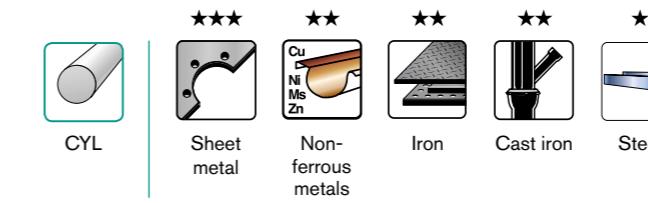
SETS



17731 3	\emptyset 2/3/4/5/6/8	6
17733 7	\emptyset 2/2,5/3/3,5,,,7/7,5/8	13
21961 7	\emptyset 1/1,5/2/2,5,,,9/9,5/10	19
21964 8	\emptyset 1/1,5/2/2,5,,,12/12,5/13	25



A horizontal bar chart comparing two metrics: SPEED and LIFETIME. The SPEED bar consists of 10 teal squares, while the LIFETIME bar consists of 12 teal squares, indicating a higher value for LIFETIME.



0901 HSS-R DIN 338 RN STEEL DRILL BITS



17790 0	1	-	12	34	3
17791 7	1.5	-	18	40	3
17792 4	2	-	24	49	3
17793 1	2.5	M3	30	57	2
17794 8	3	-	33	61	2
17795 5	3.2	-	36	65	2
17796 2	3.3	M4	36	65	2
17797 9	3.5	-	39	70	2
17798 6	4	-	43	75	2
17799 3	4.2	M5	43	75	2
17800 6	4.5	-	47	80	2
17801 3	4.8	-	52	86	2
17802 0	5	M6	52	86	2
17803 7	5.5	-	57	93	2
17804 4	6	M7	57	93	2
17805 1	6.5	-	63	101	1
17806 8	7	M8	69	109	1
17807 5	7.5	-	69	109	1
17808 2	8	-	75	117	1
17809 9	8.5	M10	75	117	1
17810 5	9	-	81	125	1
17811 2	9.5	M11	81	125	1
17812 9	10	-	87	133	1
17813 6	10.5	-	87	133	1
17814 3	11	-	94	142	1
17815 0	11.5	-	94	142	1
17816 7	12	M14	101	151	1
17817 4	12.5	-	101	151	1
17818 1	13	-	101	151	1

METAL DRILL BITS



18458 8	1.8	-	22	46	10
18459 5	1.9	-	22	46	10
18460 1	2	-	24	49	10
18461 8	2.1	-	24	49	10
18462 5	2.2	-	27	53	10
18463 2	2.3	-	27	53	10
18464 9	2.4	-	30	57	10
18465 6	2.5	M3	30	57	10
18466 3	2.6	-	30	57	10
18467 0	2.7	-	33	61	10
18468 7	2.8	-	33	61	10
18469 4	2.9	-	33	61	10
18470 0	3	-	33	61	10
18471 7	3.1	-	36	65	10
18472 4	3.2	-	36	65	10
18473 1	3.3	M4	36	65	10
18474 8	3.4	-	39	70	10
18475 5	3.5	-	39	70	10
18476 2	3.6	-	39	70	10
18477 9	3.7	-	39	70	10
18478 6	3.8	-	43	75	10
18479 3	3.9	-	43	75	10
18480 9	4	-	43	75	10
18481 6	4.1	-	43	75	10
18482 3	4.2	M5	43	75	10
18483 0	4.3	-	47	80	10
18484 7	4.4	-	47	80	10
18485 4	4.5	-	47	80	10
18486 1	4.6	-	47	80	10
18487 8	4.7	-	47	80	10
18488 5	4.8	-	52	86	10
18489 2	4.9	-	52	86	10
18490 8	5	M6	52	86	10
18491 5	5.1	-	52	86	10
18492 2	5.2	-	52	86	10
18493 9	5.3	-	52	86	10
18494 6	5.4	-	57	93	10
18495 3	5.5	-	57	93	10
18496 0	5.6	-	57	93	10
18497 7	5.7	-	57	93	10
18498 4	5.8	-	57	93	10
18499 1	5.9	-	57	93	10
18500 4	6	M7	57	93	10
18501 1	6.1	-	63	101	10

QUADROPACKS



18450 2	1	-	12	34	10
18451 9	1.1	-	14	36	10
18452 6	1.2	-	16	38	10
18453 3	1.3	-	16	38	10
18454 0	1.4	-	18	40	10
18455 7	1.5	-	18	40	10
18456 4	1.6	M2	20	43	10
18457 1	1.7	-	20	43	10



18502 8	6.2	-	63	101	10
18503 5	6.3	-	63	101	10
18504 2	6.4	-	63	101	10
18505 9	6.5	-	63	101	10
18506 6	6.6	-	63	101	10
18507 3	6.7	-	63	101	10
18508 0	6.8	M8	69	109	10
18509 7	6.9	-	69	109	10
18510 3	7	-	69	101	10
18511 0	7.1	-	69	109	10
18512 7	7.2	-	69	109	10
18513 4	7.3	-	69	109	10
18514 1	7.4	-	69	109	10
18515 8	7.5	-	69	109	10
18516 5	7.6	-	75	117	10
18517 2	7.7	-	75	117	10
18518 9	7.8	M9	75	117	10
18519 6	7.9	-	75	117	10
18520 2	8	-	75	117	10
18521 9	8.1	-	75	117	10
18522 6	8.2	-	75	117	10
18523 3	8.3	-	75	117	10
18524 0	8.4	-	75	117	10
18525 7	8.5	M10	75	117	10
18526 4	8.6	-	81	125	10
18527 1	8.7	-	81	125	10
18528 8	8.8	-	81	125	10
18529 5	8.9	-	81	125	10
18530 1	9	-	81	125	10
18531 8	9.1	-	81	125	10
18532 5	9.2	-	81	125	10
18533 2	9.3	-	81	125	10
18534 9	9.4	-	81	125	10
18535 6	9.5	M11	81	125	10
18536 3	9.6	-	87	133	10
18537 0	9.7	-	87	133	10
18538 7	9.8	-	87	133	10
18539 4	9.9	-	87	133	10
18540 0	10	-	87	133	10
18541 7	10.2	M12	87	133	5
18542 4	10.5	-	87	133	5
18544 8	11	-	94	142	5
18546 2	11.5	-	94	142	5
18548 6	12	M14	101	151	5



18550 9	12.5

0901 HSS-R DIN 338 RN STEEL DRILL BITS

901/44 QUADROPACK STEEL DRILL BITS DIMENSIONS IN INCHES



Art.	DIN 338	Length	Outer dia.	Inner dia.	Length
23255 5	1/16"	-	20	43	10
23256 2	5/64"	-	24	49	10
23257 9	3/32"	-	30	57	10
23258 6	7/64"	-	33	61	10
23260 9	9/64"	-	36	70	10
23259 3	1/8"	-	36	65	10
23261 6	5/32"	-	43	75	10
23262 3	11/64"	-	47	80	10
23263 0	3/16"	-	52	86	10
23264 7	13/64"	-	52	86	10
23266 1	15/64"	-	57	93	10
23265 2	7/32"	-	57	93	10
23267 8	1/4"	-	63	101	10
23270 8	19/64"	-	69	109	10
23268 5	17/64"	-	69	109	10
23269 2	9/32"	-	69	109	10
23272 2	21/64"	-	75	117	10
23271 5	5/16"	-	75	117	10
50130 9	23/64"	-	81	125	10
23273 9	11/32"	-	81	125	10
23275 3	3/8"	-	87	133	10
18044 3	13/32"	-	87	133	10
23279 1	7/16"	-	94	142	5
50132 3	27/64"	-	94	142	5
50133 0	29/64"	-	94	142	5
50134 7	31/64"	-	101	151	5
23281 4	15/32"	-	101	151	5
18045 0	1/2"	-	101	151	5



0903 HSS-G SUPER DIN 340 STEEL DRILL BITS LONG

Extra long high-quality drill bit for alloyed and unalloyed steels.



- ✓ Extra-long for large drilling depths, e.g. when drilling through drill bushes
- ✓ Highly-precise and durable with best finish in metal
- ✓ Precision grinding of grooves and diameters for outstanding centring
- ✓ Manufactured as per DIN 340
- ✓ Reinforced core for greater break resistance



SPEED ■■■■■■■■□□ LIFETIME ■■■■■■■■■□

	★★★	★★★	★★★	★★	★	★★
CYL	Sheet metal	Iron	Cast iron	Non-ferrous metals	Stainless steel	Steel



21349 3	2	56	85	1
21351 6	3	66	100	1
21352 3	3.2	69	106	1
21353 0	3.3	69	106	1
21355 4	4	78	119	1
21356 1	4.2	78	119	1
21358 5	4.8	87	132	1
21359 2	5	87	132	1
21362 2	6	91	139	1
21364 6	6.8	102	156	1
21365 3	7	102	156	1
21367 7	8	109	165	1
21368 4	8.5	109	165	1
21369 1	9	115	175	1
21371 4	10	121	184	1
21373 8	11	128	195	1
21375 2	12	134	205	1
21377 6	13	134	205	1

QUADROPACKS



22349 2	1.5	45	70	10
21379 0	2	56	85	10
21380 6	2.5	62	95	10
21381 3	3	66	100	10
21382 0	3.2	69	106	10
21383 7	3.3	69	106	10
22352 2	3.4	73	112	10
21384 4	3.5	73	112	10
22353 9	3.8	78	119	10
21385 1	4	78	119	10
24510 4	4.1	78	119	10
21386 8	4.2	78	119	10
21387 5	4.5	82	126	10
21388 2	4.8	87	132	10
21389 9	5	87	132	10
21390 5	5.1	87	132	10
24511 1	5.2	87	132	10
21391 2	5.5	91	139	10
24513 5	5.7	91	139	10
24514 2	5.8	91	139	10
21392 9	6	91	139	10
21393 6	6.5	97	148	10
21394 3	6.8	102	156	10
21395 0	7	102	156	10
21396 7	7.5	102	156	10
21397 4	8	109	165	10
21398 1	8.5	109	165	10
21399 8	9	115	175	10
21400 1	9.5	115	175	10
21401 8	10	121	184	10
24515 9	10.2	121	184	5
21402 5	10.5	121	184	5
21403 2	11	128	195	5
21404 9	11.5	128	195	5
21405 6	12	134	205	5
21406 3	12.5	134	205	5
21407 0	13	134	205	5



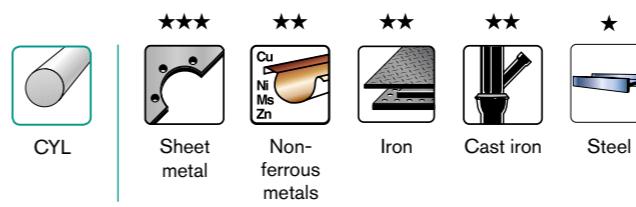
0904 HSS STEEL DRILL BITS WITH REDUCED SHANK

Universal steel drill bits for any chuck.

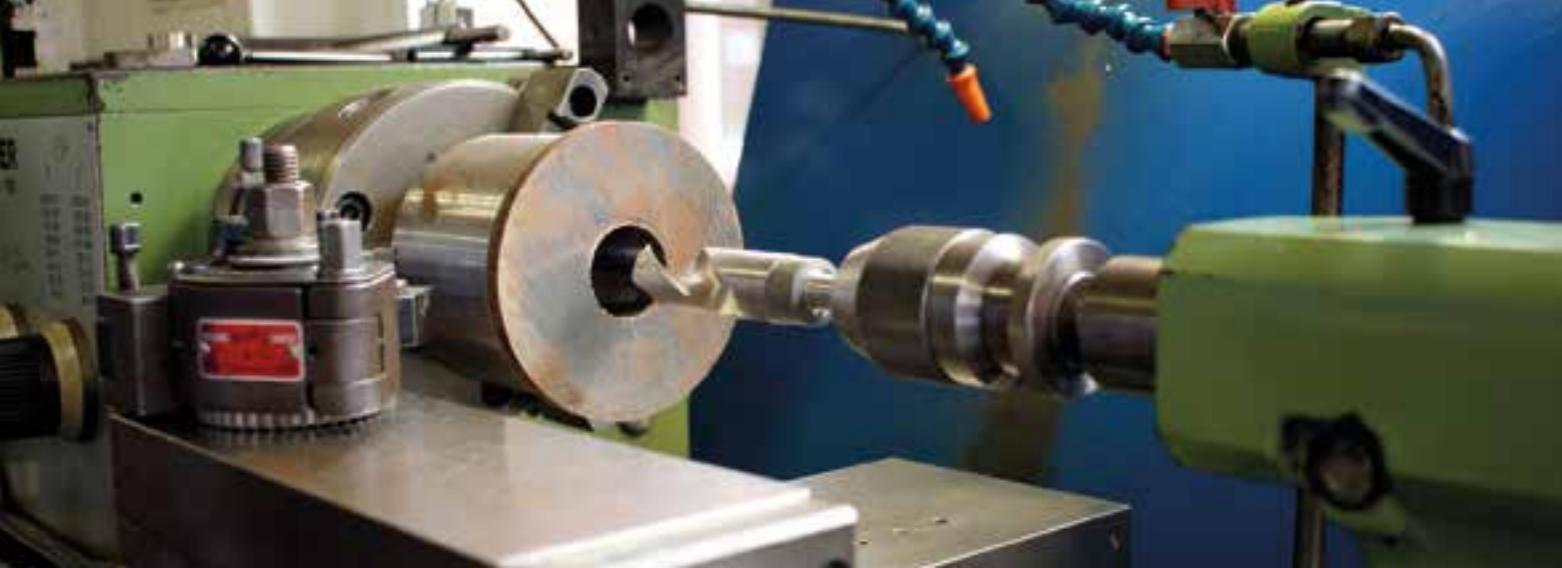
- ✓ Premium steel drill bits with reduced shank support drilling of larger diameters in a small chuck and with hand-held drills
 - ✓ Ground HSS steel drill bit for **highest precision**
 - ✓ Ideal for stationary drilling



A horizontal bar chart comparing two metrics—Speed and Lifetime—across four categories. The Speed category has four bars, with the first three being solid teal and the fourth being yellow. The Lifetime category also has four bars, with the first three being solid teal and the fourth being yellow.



21542 8	10	87	133	8	1
21544 2	11	94	142	8	1
21546 6	12	101	151	8	1
21548 0	13	101	151	8	1
21549 7	13.5	108	160	10	1
21550 3	14	108	160	10	1
21551 0	14.5	114	169	10	1
21552 7	15	114	169	10	1
21553 4	15.5	120	178	10	1
21554 1	16	120	178	10	1
21555 8	16.5	125	184	13	1
21556 5	17	125	184	13	1
21557 2	17.5	130	191	13	1
21558 9	18	130	191	13	1
21559 6	18.5	135	198	13	1
21560 2	19	135	198	13	1
21561 9	19.5	140	205	13	1
21562 6	20	140	205	13	1
23998 1	22	150	219	13	1
23999 8	25	150	246	13	1



0904/44 HSS BLACKSMITH STEEL DRILL BITS

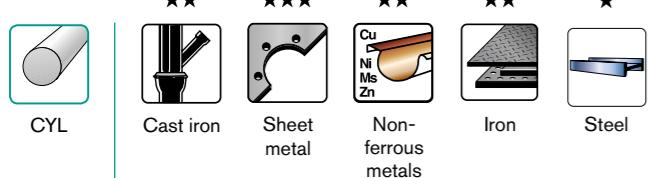
Premium steel drill bits for stationary drilling.

- ✓ Shaft form and tool length optimised for **use in box column drills**
 - ✓ Ground HSS steel drill bits for **highest precision**
 - ✓ Ideal for drilling in **alloyed and unalloyed steels** up to 1100 N/mm²
 - ✓ **Wire edge at the outside of the taper removed** with a point angle of 118° to enable a long service life



A horizontal bar chart comparing two metrics: SPEED and LIFETIME. The SPEED bar consists of 10 teal squares, with the last square being white, indicating a value slightly below 10. The LIFETIME bar consists of 10 teal squares, with the last square being white, indicating a value slightly below 10.

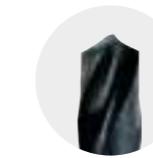
	 4000125					
26036 7	10	76	165	10	1	
26037 4	10.5	76	165	10	1	
26038 1	11	76	165	10	1	
26039 8	11.5	76	165	10	1	
26040 4	12	76	165	10	1	
26041 1	12.5	76	165	10	1	
26042 8	13	76	165	1/2"	1	
26043 5	13.5	76	165	1/2"	1	
26044 2	14	76	165	1/2"	1	
26045 9	14.5	76	165	1/2"	1	
26046 6	15	76	165	1/2"	1	
26047 3	15.5	76	165	1/2"	1	
26048 0	16	76	165	1/2"	1	
26049 7	16.5	76	165	1/2"	1	
26050 3	17	76	165	1/2"	1	
26051 0	17.5	76	165	1/2"	1	
26052 7	18	76	165	1/2"	1	
26053 4	18.5	76	165	1/2"	1	
26054 1	19	76	165	1/2"	1	
26055 8	19.5	76	165	1/2"	1	
26056 5	20	76	165	1/2"	1	
26057 2	22	76	165	1/2"	1	
26058 9	25	76	165	1/2"	1	



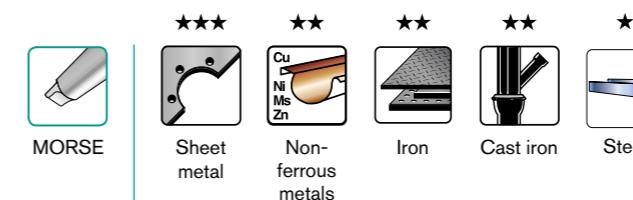
0905 HSS DIN 345 STEEL DRILL BITS MORSE TAPER SHAFT

Steel drill bits with morse taper shaft

- ✓ Wire edge at the outside of the taper removed with a point angle of 118° to maximise service life
 - ✓ Indispensable for **stationary drilling** in steel
 - ✓ Morse taper shank as per DIN 345
 - ✓ Good chip removal and concentricity
 - ✓ Diameter tolerance as per h8



A horizontal bar chart comparing two metrics: SPEED and LIFETIME. The SPEED bar consists of 10 teal segments, with the last two being white. The LIFETIME bar also consists of 10 teal segments.



0905 HSS-G DIN 345 STEEL DRILL BITS MORSE TAPER SHAFT



Art.	Ø	mm	Length	Flute length	Flutes	Box quantity
21480 3	12	101	182	1	1	
21482 7	13	101	182	1	1	
21484 1	14	108	189	1	1	
21486 5	15	114	212	2	1	
21488 9	16	120	218	2	1	
21490 2	17	125	223	2	1	
21492 6	18	130	228	2	1	
21494 0	19	135	233	2	1	
21496 4	20	140	238	2	1	
21498 8	21	145	243	2	1	
21500 8	22	150	248	2	1	
21502 2	23	155	253	2	1	
21504 6	24	160	281	3	1	
21506 0	25	160	281	3	1	
21508 4	26	165	286	3	1	
21510 7	27	170	291	3	1	
21512 1	28	170	291	3	1	
21514 5	29	175	296	3	1	
21516 9	30	175	296	3	1	
21518 3	31	180	301	3	1	
21520 6	32	185	334	4	1	
21526 8	35	190	339	4	1	



0916 HSS-G SUPER DIN 1869 STEEL DRILL BITS EXTRA LONG

Special HSS helical drill bit for extra deep drill holes.

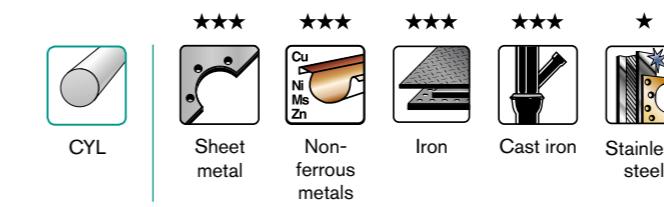
- ✓ Special helical design for the drill bit's concentricity and dimensional stability
- ✓ Rapid chip removal through parabolic helix
- ✓ For a variety of metals up to a strength of 900 N/mm²
- ✓ Heller tip: Regular ventilation accelerates the drilling process and extends the service life



26116 6	3	130	190	1
26117 3	3.2	135	200	1
26118 0	3.3	105	155	1
26119 7	3.5	145	210	1
26120 3	4	150	220	1
26121 0	4.2	150	220	1
26122 7	4.5	160	235	1
26123 4	5	170	245	1
26124 1	5.5	180	260	1
26125 8	6	180	260	1
26126 5	6.5	190	275	1
26127 2	7	200	290	1
26128 9	8	210	305	1
26129 6	8.5	210	305	1
26130 2	9	250	320	1
26131 9	10	235	340	1
26132 6	10.5	185	265	1
26133 3	11	250	365	1
26134 0	12	260	375	1
26135 7	13	260	375	1



SPEED ■■■■■■■■□□ LIFETIME ■■■■■■■■□

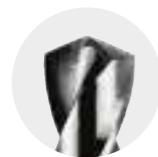




0930 HSS-G SUPER DOUBLE END DRILL BITS

Can be used at both ends - simply twice as good.

- ✓ Sheet metal drill bits for body shells, metalworking and tubular rivet holes
- ✓ Quick change possible due to double end
- ✓ Precision ground groove and diameter for outstanding dimensional accuracy



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

	★★★		★★★		★★★		★★★		★★★
CYL	Sheet metal	Iron	Cast iron	PVC					

MULTIPACKS

Art. 4010159					
21408 7	3	11	46	10	
21409 4	3.1	11	49	10	
21410 0	3.2	11	49	10	
21411 7	3.3	11	49	10	
21412 4	3.5	12	52	10	
21413 1	4	14	55	10	
21414 8	4.1	14	55	10	
21415 5	4.2	14	55	10	
21417 9	4.8	17	62	10	
21418 6	5	17	62	10	
21419 3	5.1	17	62	10	
21420 9	5.2	17	62	10	

0922 HSS TAPER AND DEBURRING COUNTER-SINK 90°

Three-edged precision tool in professional quality.

- ✓ Deburr and countersinks at same time
- ✓ Long service life
- ✓ Extremely precise

Art. 4010159				
22583 0	6.3	-	45	1
22584 7	8.3	-	50	1
22585 4	10.4	-	50	1
22586 1	12.4	-	56	1
22587 8	16.5	-	60	1
22588 5	20.5	-	63	1
22589 2	25	-	67	1

SETS



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

	★★★		★★★		★★★		★★		★★		*
CYL	Sheet metal	Iron	Cast iron	PVC				Cu Ni Ms Zn			

Art. 4010159		
22590 8		



6



0923 HSS TRANSVERSE COUNTERSINK 90°

Countersinking and deburring in a single work step - quick and easy.

- ✓ High performance quality for professional users
- ✓ Innovative chip removal



22591 5	2-5	10	45	6	1
22592 2	5-10	14	48	8	1
22593 9	10-15	21	65	10	1
22594 6	15-20	28	85	12	1

SETS



22596 0 Ø 2-5/5-10/10-15/15-20 4

SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

	★★★		★★★		★★★		★★		★★		*
CYL		Iron		Cast iron		PVC		Non-ferrous metals		Stainless steel	

0924 HSS SHEET METAL CONE BIT

Cuts through sheet metal and plastic quickly and reliably.

- ✓ Diameter scale integrated into drill bit
- ✓ Taper angle of 20° – 30°
- ✓ Highly flexible in terms of drilling diameters
- ✓ Ideal for all sheet metal work and for drilling in switch cabinet construction



22597 7	3-14	34	58	6	1	1
22598 4	5-20	44	71	8	2	1
22599 1	16-30,5	52	76	9	3	1
22600 4	24-40	62	89	10	-	1
22601 1	36-50	68	97	12	-	1
22603 5	5-31	81	103	9	-	1

SETS



22604 2 No. 1/2/3 3

	★★★		★★★	
CYL		Sheet metal		Non-ferrous metals



0925 HSS STEP DRILL BIT

One drill bit a Multitude of drilling diameters.

- ✓ Precision tools for professionals
- ✓ Ideal for drilling in cable ducts and in switch cabinet construction
- ✓ Diameter scale integrated into drill bit
- ✓ Extremely long service life

Art. 4070129	mm	in	mm	in	No.	mm
22605 9	4-12	-	65	6	0,9	1
22606 6	4-20	-	75	8	1	1
22610 3	6-37	-	100	10	9	1
22608 0	6-26,75	-	77	10	4	1
22607 3	4-30	-	100	10	2	1
22609 7	4-39	-	107	10	5	1



SETS



SPEED ■■■■■■■■□□ LIFETIME ■■■■■■■■■■■■

	★★★		★★★		★★★	
CYL	Sheet metal	Non-ferrous metals	PVC			

0937 HSS-CO STAINLESS STEEL HOLE SAW

For premium materials up 1 mm material thickness.

- ✓ Hole saw for recessed sockets, cables and pipe lead-throughs
- ✓ Precise holes thanks to 8% cobalt-alloyed high-quality speed steel toothing in bi-metal quality
- ✓ Very smooth running thanks to Variotooth system
- ✓ Vibration-reduced drilling and fast sawing progress
- ✓ Long service life thanks to **specially integrated tool steel structure** with solid mounting plate
- ✓ Heller tip: Use of cutting oil prolongs the service life
- ✓ Accessories 934, 935, 936 (see page 118) - drive adapter with pilot drill, ejector spring

Art. 4070129	mm	in	mm	in	mm	in
26632 1	16	38	48	1		
26634 5	19	38	48	1		
26635 2	20	38	48	1		
26637 6	22	38	48	1		
26640 6	25	38	48	1		
26641 3	27	38	48	1		
26642 0	29	38	48	1		
26643 7	30	38	48	1		
26644 4	32	38	48	1		
27414 2	35	38	48	1		
26645 1	38	38	48	1		
26646 8	40	38	48	1		
26647 5	44	38	48	1		
26650 5	51	38	48	1		
26652 9	57	38	48	1		
26653 6	60	38	48	1		
26654 3	64	38	48	1		
26656 7	68	38	48	1		
26657 4	70	38	48	1		
27395 4	83	38	48	1		
27396 1	105	38	48	1		



SPEED ■■■■■■■■□□ LIFETIME ■■■■■■■■■■■■

	★★★		★★★		★★★	
CYL	Sheet metal	Non-ferrous metals	PVC	Steel	Stainless steel	



0933 HSS BI-METAL HOLE SAW

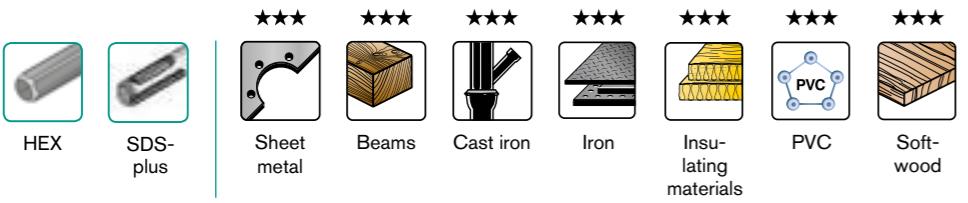
The universal professional for reliable results.



- ✓ Quick drilling progress and no jamming thanks to Vario-Pitch tooth system
- ✓ Neat, circular holes thanks to precision manufacturing
- ✓ Break-proof design thanks to alloyed tool steel and solid mounting plate
- ✓ Accessories: adapter, pilot bit and ejector spring available separately



SPEED ■■■■■■■■□□ LIFETIME ■■■■■■■■□



11903 0	14	32	1/2"-20	1
11904 7	16	32	1/2"-20	1
11905 4	17	32	1/2"-20	1
19071 8	19	32	1/2"-20	1
19072 5	20	32	1/2"-20	1
19073 2	22	32	1/2"-20	1
17907 2	24	32	1/2"-20	1
19074 9	25	32	1/2"-20	1
19908 7	27	32	1/2"-20	1
19909 4	29	32	1/2"-20	1
19075 6	30	32	1/2"-20	1
19076 3	32	32	5/8"-18	1
19910 0	33	32	5/8"-18	1
19077 0	35	32	5/8"-18	1
19078 7	38	32	5/8"-18	1
19079 4	40	32	5/8"-18	1
19912 4	41	32	5/8"-18	1
19913 1	43	32	5/8"-18	1
19080 0	44	32	5/8"-18	1
19914 8	46	32	5/8"-18	1
19915 5	48	32	5/8"-18	1
19081 7	50	32	5/8"-18	1
19916 2	51	32	5/8"-18	1
19917 9	52	32	5/8"-18	1
19082 4	54	32	5/8"-18	1
19083 1	57	32	5/8"-18	1
19084 8	60	32	5/8"-18	1
19085 5	64	32	5/8"-18	1
19918 6	65	32	5/8"-18	1
19919 3	67	32	5/8"-18	1
19086 2	68	32	5/8"-18	1
19087 9	70	32	5/8"-18	1
19920 9	73	32	5/8"-18	1
19088 6	76	32	5/8"-18	1
19921 6	79	32	5/8"-18	1
19089 3	83	32	5/8"-18	1
19922 3	86	32	5/8"-18	1
19090 9	89	32	5/8"-18	1
19923 0	92	32	5/8"-18	1
19924 7	95	32	5/8"-18	1
19925 4	98	32	5/8"-18	1
19091 6	102	32	5/8"-18	1
19926 1	105	32	5/8"-18	1
24536 4	108	32	5/8"-18	1



19927 8	111	32	5/8"-18	1
19928 5	114	32	5/8"-18	1
19929 2	121	32	5/8"-18	1
19930 8	127	32	5/8"-18	1
28801 9	133	32	5/8"-18	1
19931 5	140	32	5/8"-18	1
28802 6	146	32	5/8"-18	1
19932 2	152	32	5/8"-18	1
28803 3	168	32	5/8"-18	1
28804 0	177	32	5/8"-18	1
28805 7	203	32	5/8"-18	1

SETS



19779 3	68 (pilot bits + hexagon)	3
26159 3	68 (pilot bits + SDSplus)	3
19780 9	83 (pilot bits + hexagon)	3
50101 9	16/20/25/32/40/51	9
50102 6	19/22/29/38/44/57	9
23412 2	12/25/38/48/68/83	11
26015 2	35/40/50/60/68/76/83	10

0934 DRIVE ADAPTER AND PILOT BIT



		Shank	Thread	
50103 3	14-30	hex. 9,5	1/2" x 20	1
19092 3	14-30	triang.	1/2" x 20	1
19093 0	14-30	hex. 11	1/2" x 20	1
19094 7	32-152	hex. 11	5/8" x 18	1
10070 0	14-30	SDS-plus	1/2" x 20	1
10071 7	32-152	SDS-plus	5/8" x 18	1

0935 PILOT BITS



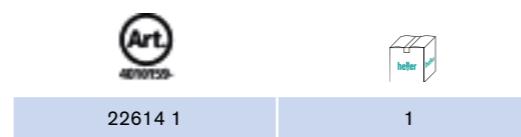
10072 4	6.35	-	80	1
19095 4	6.35	-	110	1

0936 EJECTOR SPRING

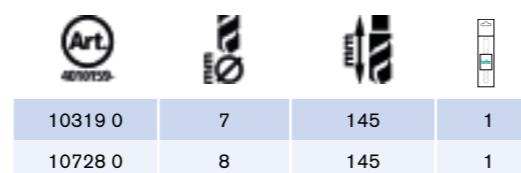


21958 7	1
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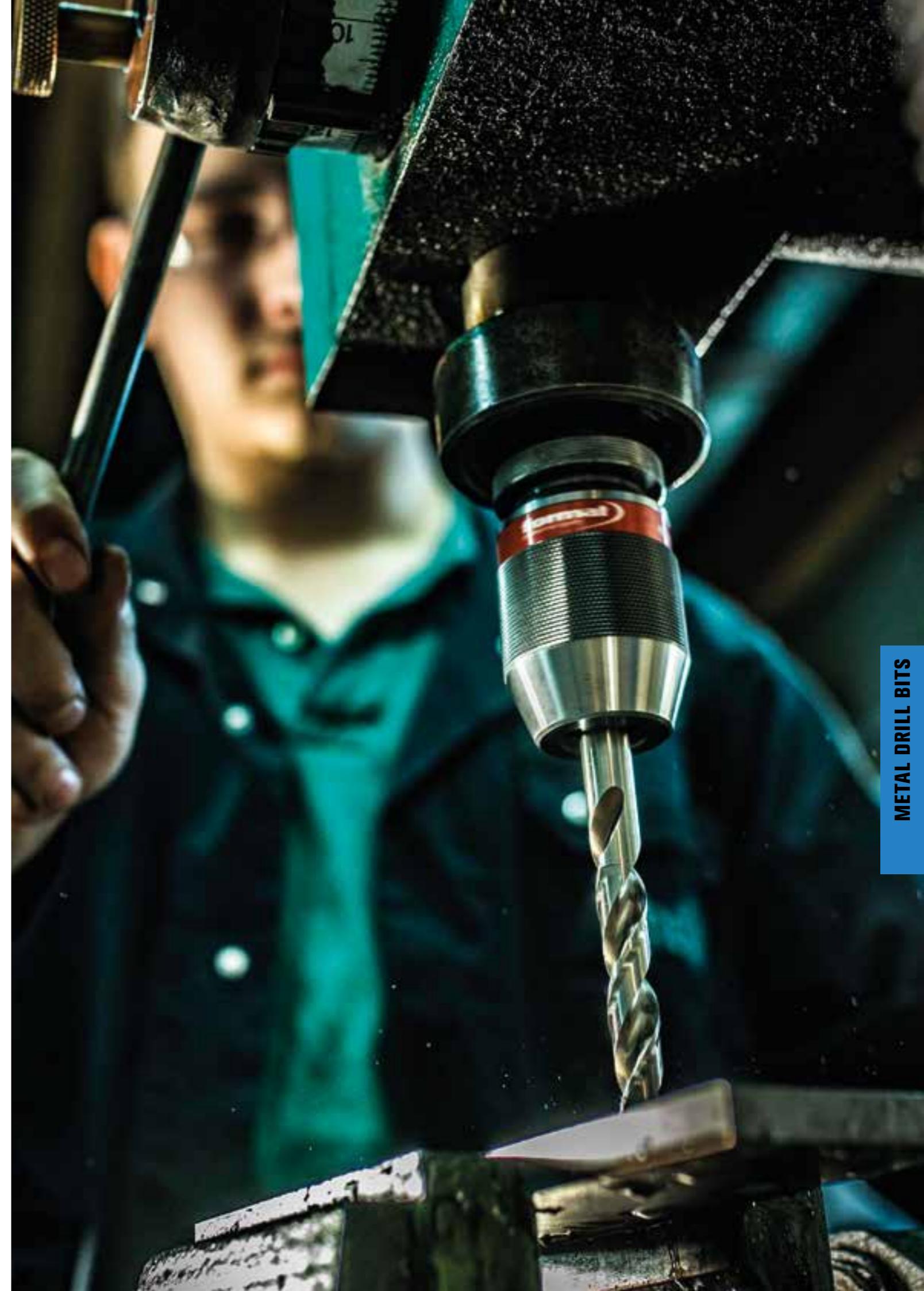
0927 CUTTING PASTE



0941 SCRIBING NEEDLE



10319 0	7	145	1
10728 0	8	145	1



TECHNICAL DETAILS UNIVERSAL & SPECIAL-PURPOSE DRILL BITS

RECOMMENDED APPLICATIONS

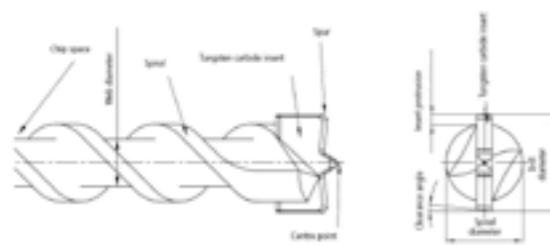
Composite materials as profiles or plates frequently consist of several, combined materials. For this purpose, universal drill bits are ideal to perfectly match the requirements of different materials.

Traders will also save time if they use tools suitable for drilling into several materials without having to change the drill bit. Where components need to be secured in masonry, you can save plenty of time for adjusting and tolerances by drilling through the various materials in a single step. These tools are also suitable for users who only very rarely use drills. They

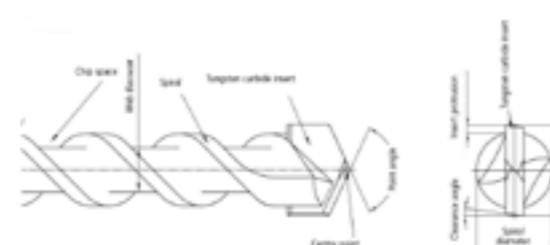
benefit from the matching universal tool suitable for drilling into different materials. These customers must no longer purchase special tools.

Some modern construction materials nowadays demand properties traditional drilling tools can no longer meet. For this reason, Heller offers special solutions designed to process this new type of materials.

All-round



Allmat



UNIVERSAL DRILL BIT SPEEDS

Diameter (D)	Speed (rpm) with Ø 8 mm	Coolant (l/min.)
Wall tiles	700	With

HELLER QUALITY FOR PERMANENTLY OUTSTANDING RESULTS

Heller uses the best steels and tungsten carbide plates for its quality drill bits. At the same time, the focus is on precision workmanship, a factor that becomes evident by the sharp cutter properties or precise concentricity values. Finally, aspects, such as ergonomics and occupational safety are paramount. We orientate our actions on the professional

user's requirements. After all, all Heller products contribute to faster and more cost-effective working for traders.



BIT ADVISOR UNIVERSAL & SPECIAL-PURPOSE

Product group	Universal drill bits				Special drill bits		Universal hole saw	
	Shank	CYL	SDS-plus	1/4 HEX	CYL	1/4 HEX	TRI	SDS-plus/HEX/M16
Product	AllMat	AllMat		Allmat Quickbit	Allround	Quickbit	Ceramic Master	
Page	127	127	129	126	132	133	130	
Insulating materials	★★★	★★★	★★★	★★★				★★★
Sand lime brick	★★★	★★★	★★★					
Granite		★★★					★★	
Roofing tiles						★★★	★★★	
Wall tiles					★★★	★★	★★★	
Hard fired tiles						★★	★★★	
Marble							★★	
Aluminium					★★★			
PVC					★★★			
Hardwood					★★★			
Laminated chipboard					★★★			★★★
Aerated concrete	★★★	★★★	★★★	★★★				★★★
Brick	★★★	★★★	★★★					
Masonry	★★★	★★★	★★★					
Natural stone	★★★			★★★				
Concrete	★★★	★★★	★★★					

Quality stages

- Professional Plus
- Professional
- Classic

Material suitability

- ★★★ Recommended
- ★★ Well suited
- ★ Suitable



3700 ALLROUND UNIVERSAL DRILL BITS

All-round drill bit for various materials.

- ✓ For universal deployment in many materials
- ✓ Also ideal for coated roofing tiles, the hardest wood and sandwich materials
- ✓ On the dot drilling thanks to carbide centring tip
- ✓ Easy centring even on smooth surfaces

22711 7	3	45	85	1
10334 3	4	45	85	1
10335 0	5	50	95	1
10336 7	6	60	100	1
10337 4	8	80	120	1
10338 1	10	80	120	1
10339 8	12	90	150	1



SPEED ■■■■■■■■□□ LIFETIME ■■■■■■■■□□

	★★★		★★★		★★★		★★★		★★★		★★★		★★★		★★★
CYL		Alumin-um		Insul-ating materials		PVC		Hard-wood		Laminated chip-board		Wall tiles		Aerated & porous concrete	

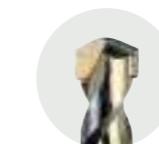


3740/3718 ALLMAT UNIVERSAL DRILL BITS

Reliable universal drill bit.



- ✓ The all-rounder: Ideal for many materials used in construction
- ✓ Time and cost saving due to using a drill bit for various materials and composites
- ✓ Drilling thanks to diamond ground carbide centring cutting edge also possible on smooth and hard surfaces
- ✓ For drilling in brickwork & stone also deployable with light impact
- ✓ Also available with SDS-Plus coupling



SPEED ■■■■■■■■□□ LIFETIME ■■■■■■■■□□

	★★★		★★★		★★★		★★★		★★★		
SDS-plus		Granite		Insul-ating materials		Sand lime brick		Concrete		Brick	



SPEED ■■■■■■■■□□ LIFETIME ■■■■■■■■□□

	★★★		★★★		★★★
Masonry		Natural stone		Concrete	

	★★★		★★★		★★★
Masonry		Sand lime brick		Aerated & porous concrete	

3740 ALLMAT UNIVERSAL DRILL BITS

					
22680 6	3	30	70	1	
21985 3	4	45	85	1	
19414 3	5	50	95	1	
21673 9	5	110	150	1	
19415 0	6	60	100	1	
21674 6	6	110	150	1	
19416 7	8	80	120	1	
21675 3	8	135	200	1	
19417 4	10	80	120	1	
21676 0	10	135	200	1	
19420 4	12	90	150	1	
21677 7	12	150	220	1	
21678 4	14	200	260	1	

				
22697 4		Ø 5/6/8/10		4

3718 ALLMAT SDS-PLUS UNIVERSAL DRILL BITS

					
21679 1	6	100	160	1	
21680 7	8	100	160	1	
21682 1	10	100	160	1	
21684 5	12	100	160	1	



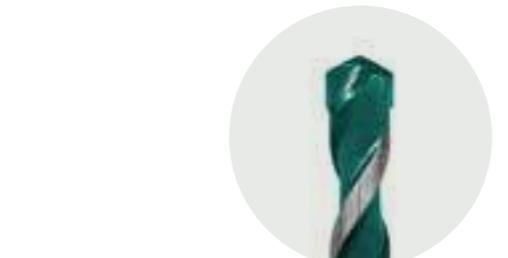
3775 QUICKBIT ALLMAT UNIVERSAL DRILL BITS

Ideal universal drill bit for a large variety of materials.

- ✓ Easy centring even on smooth and hard surfaces thanks to the special edge grinding
- ✓ The Heller QuickBIT® system: perfectly designed for use with cordless machines
- ✓ Fast changing between drills and bits
- ✓ 1/4" hexagonal shaft prevents the drill bit from slipping into the drill chuck

					
26263 7	4	45	85	1	
26264 4	5	50	96	1	
26265 1	6	60	101	1	
26267 5	8	70	120	1	
26268 2	10	70	120	1	

SET



SPEED  LIFETIME 



				
26284 2		Ø 4/5/6/8/10		5

							
1/4" HEX	★★★	★★★	★★★	★★★	★★★	★★★	★★★



3725 ALLMAT GENERAL-PURPOSE HOLE SAW

Hole saw for all installations.



- ✓ Optimal for all trades: sinks sockets & pipes at lightning speed
- ✓ Universally deployable with a variety of materials
- ✓ Long service life thanks to carbide tips that can be re-sharpened
- ✓ Precise positioning during centring ensured by the pilot bit



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

	★★★		★★★		★★★	
M16	Aerated & porous concrete	Laminated chip-board	Insulating materials			



25945 3	25	65	100	1
25946 0	30	65	100	1
25947 7	35	65	100	1
25948 4	40	65	100	1
25987 3	45	65	100	1
25949 1	50	65	100	1
25950 7	60	65	100	1
25988 0	65	65	100	1
25951 4	68	65	100	1
25952 1	76	65	100	1
26071 8	80	65	100	1
25953 8	82	65	100	1
25954 5	105	65	100	1

COUNTERSINKER

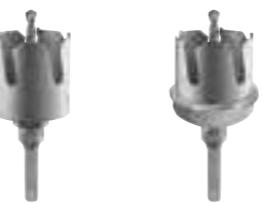


28469 1	68	-	1
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3770 & 3770/18 ACCESSORIES

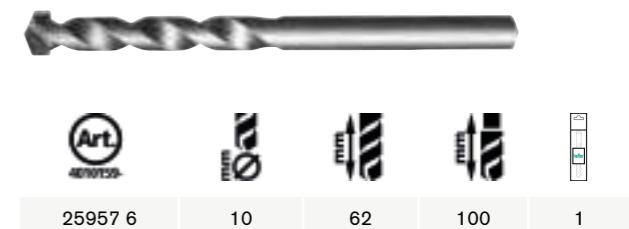


SETS



26029 9	Ø 68, HEX	3
26158 6	Ø 82, SDS-plus	3
26157 9	Ø 68, SDS-plus	3
28535 3	Ø 68, SDS-plus countersink	4
25956 9	Ø 60/68/76/82 HEX	6

PILOT BIT ACCESSORIES



25957 6	10	62	100	1
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3900 QUICKBIT CERAMICMASTER GLASS & TILE DRILL BITS

The expert for critical material - ideal for glass and tiles.

- ✓ For rotary drilling in glass and soft ceramic materials
- ✓ Pointed centring cutting edge which can be sharpened at any time allows for precise drilling
- ✓ Heller QuickBIT® system: perfectly designed for use with cordless machines
- ✓ Fastest switching between drills and bits
- ✓ 1/4" hexagonal shank prevents the drill bit from slipping into the drill chuck
- ✓ Heller tip: Only deploy for rotary drilling at low speeds

Art. 4009129	∅	mm	inch
50091 3	3	75	1
50092 0	4	75	1
50093 7	5	75	1
50094 4	6	75	1
50095 1	6.5	78	1
26209 5	7	85	1
50096 8	8	85	1
50097 5	10	85	1
50098 2	13	100	1
50099 9	14	100	1



SPEED ■■■■■■■■■■■■■■■■ LIFETIME ■■■■■■■■■■■■■■■■



SET

Art. 4009129	∅	mm	inch
24942 3	∅ 4/5/6/8/10	5	
29628 1	Ceramic Master ∅ 6/6/8/8/10	5	



3950 CERA EXPERT STONEWARE & ROOFING TILE DRILL BITS

Ideal for the toughest materials.

- ✓ Perfect results in the hardest of tiles, roofing tiles and stoneware
- ✓ No cooling required – carbide drill bits suitable for dry use
- ✓ With tri-edge shank as a rotation stop
- ✓ Heller tip: Do not apply an excessive amount of pressure for centring. Only continue applying high levels of pressure once the drill has penetrated the material. Change to a concrete drill bit (e.g. ProXtreme) once the tiles have been fully penetrated. Use rotary action, not hammer action

Art. 4009129	∅	mm	inch
28674 9	5	120	1
28675 6	6	120	1
28676 3	8	125	1
28677 0	10	125	1

MIXED SET CERA EXPERT AND PROXTREME



SPEED ■■■■■■■■■■■■■■■■ LIFETIME ■■■■■■■■■■■■■■■■

Art. 4009129	∅	mm	inch
28813 2	Cera Expert Ø 6/8 ProXtreme Ø 6/8	4	



TECHNICAL DETAILS JIGSAW AND SABRE SAW BLADES

RECOMMENDED APPLICATIONS

Wood & metal processors alike appreciate the advantages provided by Heller jigsaw & sabre saw blades: Many cuts on the construction site or in industrial production can be flexibly produced using a jigsaw or sabre saw blade. Be it to disassemble components or accurately cut plates or profiles made of wood, metal or plastic: for this purpose, jigsaw and

sabre saw blades are ideal. Cuts from plates are possible, as is accurate processing for outside edges. Nowadays saw blades are even used for aerated concrete and tiles.

SHANKS

Jigsaw blades suitable for machines by



AEG, Atlas Copco, Bosch, DeWalt, Elu, Festool, Flex, Hitachi, Holz-Her, Kress, Mafell, Makita, Metabo, Protol

Sabre saw blades suitable for machines by



AEG, Atlas Copco, Black & Decker, Bosch, Elu, Fein, Flex, Hitachi, Makita, Metabo, Milwaukee, Porter Cable, Rems, Rockwell, Roller, Skil

MATERIAL QUALITIES



CV/chrome vanadium steel

Alloyed tool steel for saw soft materials, such as wood, chipboard or plastic.



Carbide metal teeth

Alloy tool steel with tungsten carbide steel-coated teeth to process abrasive materials, hardwood, glass fibre reinforced plastic or aerated concrete blocks.



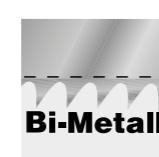
Carbide metal granulate

Alloy tool steel with tungsten carbide metal granulate on the saw blade. Especially for abrasive materials as well as glass, ceramics or glass fibre reinforced plastics.



High-speed steel (HSS)

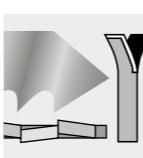
Completely hardened high-performance speed steel to process hard materials, such as metal, aluminium and non-ferrous metals.



Bi-metal

Laser-welded composite of alloy spring steel strip on the rear of the blade and high-performance speed steel in the toothed cutter area. Outstanding cutting properties with twice to ten times the service life and a high resistance to breaking.

TEETH TYPES



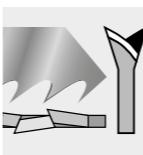
Rip cut teeth

Rough and fast cut to process any types of wood, plastic, non-ferrous metals and aluminium.



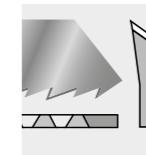
Serrated teeth

Accurate and clean cuts in steel, iron, aluminium and non-ferrous metals.



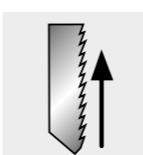
Rip cut, sharpened teeth

Quick and moderately clean cut to process any types of wood and plastic.



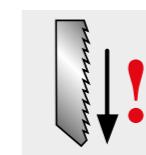
Blade with tapered finish and chamfered teeth

Very clean and accurate cuts in all types of wood and plastics.



Regular teeth (push and pull)

Rough and fast cut to process any types of wood, plastic, non-ferrous metals and aluminium.



Teeth cutting in one direction

For very clean and surface cuts without fragments.



Variable tpi

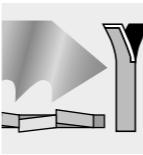
For example 10-14 teeth per inch (tpi). Applicable in wood and metal or wood with metal residue.



"M" teeth

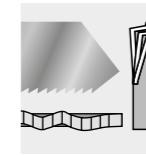
Universally suitable saw blade for almost any material. Quick cuts, up to twice as fast as regular teeth. Up to three times longer service life compared with conventional saw blades.

TIPS & TRICKS



Teeth

We recommend the use of closely positioned teeth in thin materials and the use of large teeth in thick material.



Service life

The targeted use of coolant, such as cutting oil (for steel or metals), turpentine (for aluminium), water (for plastic or Perspex) is necessary to increase the service life and resistance to wear of saw blades.



The correct number of teeth per inch

The tooth geometry and the tpi value, specifying the distance between teeth, determine the development of chips and the sawing progress. 2-3 teeth must be permanently processing the material and this rule of thumb is also used to determine the correct tpi value.

HELLER QUALITY FOR PERMANENTLY OUTSTANDING RESULTS

Heller exclusively uses the best steel grades for tools the company produces. At the same time, the company focuses on accurate processing, evident in properties including the straight guiding of jigsaw and sabre saw blades. After all, all

Heller products contribute to faster and more cost-effective working for traders.



4030 JIGSAW BLADES

Professional jigsaw blades: fast, precise, durable.

- ✓ The right jigsaw blade for any application
- ✓ Available in various materials, tips and cuts for optimal results
- ✓ Matched to all popular machines
- ✓ Superior performance and precise cutting

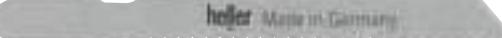
HCS JIGSAW BLADE

For soft wood and insulating material 2-15 mm



- Length of teeth 50 mm; tooth pitch 2.0 mm
- Serrated
- For fast cutting action

Ref. no.: T119B PU: 5 Art. no.: 24011 6



HCS JIGSAW BLADE

Coarse, quick cuts in material 4-50 mm



- Length of teeth 75 mm; tooth pitch 3.0 mm
- Rip cut
- For fast cutting action

Ref. no.: T111C PU: 5 Art. no.: 24012 3



HCS JIGSAW BLADE

For clean cuts in material 3-30 mm



- Length of teeth 75 mm; tooth pitch 2.5 mm
- Tapered blade, chamfered cut
- For clean, quick cutting

Ref. no.: T101B PU: 5 Art. no.: 24013 0



HCS JIGSAW BLADE

Coarse, quick cuts in material 5-50 mm



- Length of teeth 75 mm; tooth pitch 4.0 mm
- Tapered blade, chamfered cut
- For fast cutting action

Ref. no.: T101D PU: 5 Art. no.: 24014 7



HCS JIGSAW BLADE

Coarse, quick cuts in material 5-50 mm



- Length of teeth 75 mm; tooth pitch 4 mm
 - Chamfered blade, rip cut
 - For rough, quick cutting
- Ref. no.: T144D PU: 5 Art. no.: 24015 4



HCS JIGSAW BLADE

For rough cuts in thick material 8-65 mm



- Length of teeth 105 mm; tooth pitch 4.0 mm
 - Chamfered blade, rip cut
 - For rough, quick cutting
- Ref. no.: T344D PU: 5 Art. no.: 25802 9

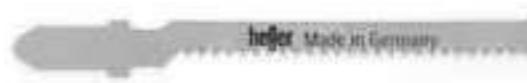


HCS JIGSAW BLADE

Curved saw blade for soft wood and insulating material



- Length of teeth 50 mm; tooth pitch 2.0 mm
 - Serrated
 - For curved cuts
- Ref. no.: T119BO PU: 5 Art. no.: 24016 1



HCS JIGSAW BLADE

Clean cuts, extra long blade for material 8-65 mm



- Length of teeth 105 mm; tooth pitch 3.0 mm
 - Tapered blade, chamfered cut
 - For clean cutting
- Ref. no.: T301CD PU: 5 Art. no.: 25803 6



HCS JIGSAW BLADE

Clean cutting edges in material 3-30 mm



- Length of teeth 75 mm; tooth pitch 2.5 mm
 - Tapered blade, chamfered cut
 - For clean cuts, push/pull teeth
- Ref. no.: T101BR PU: 5 Art. no.: 24017 8



HCS JIGSAW BLADE

Triple ground teeth - very clean and quick in material 5-60 mm



- Length of teeth 91 mm; tooth pitch 2.5 mm
 - Tapered blade, chamfered cut
 - For clean, quick cutting
- Ref. no.: T234X PU: 5 Art. no.: 25804 3



HCS JIGSAW BLADE

Curved saw blade in material 5-50 mm



- Length of teeth 75 mm; tooth pitch 4.0 mm
- Chamfered blade, rip cut
- For quick curved cuts

Ref. no.: T244D PU: 5 Art. no.: 25801 2



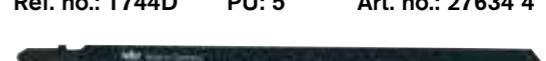
HCS SZ JIGSAW BLADE

Extra long saw blade for wood 5-120 mm



- Length of teeth 155 mm; tooth pitch 4.0 mm
- Extra long, ground, diagonally sharpened
- For rough, quick cutting

Ref. no.: T744D PU: 5 Art. no.: 27634 4



BI-METAL JIGSAW BLADE

Coarse, quick cuts in material 5-50 mm



- Length of teeth 75 mm; tooth pitch 4.0 mm
- Extra long service life
- Chamfered blade, rip cut
- For rough, quick cutting

Ref. no.: T144DF PU: 5 Art. no.: 24019 2



BI-METAL JIGSAW BLADE

Longlife - for clean cuts in material 3-30 mm



- Length of teeth 75 mm; tooth pitch 2.5 mm
- Tapered blade, chamfered cut
- For clean, quick cutting

Ref. no.: T101BF PU: 5 Art. no.: 24018 5

BI-METAL JIGSAW BLADE

Specially suited for laminate 2.5-20 mm



- Length of teeth 60 mm; tooth pitch 1.9 mm
- Chamfered blade
- For clean cuts, push/pull teeth

Ref. no.: T101AIF PU: 5 Art. no.: 25817 3



BI-METAL JIGSAW BLADE

Longlife - flexible blade for steel 1-3 mm



- Length of teeth 105 mm; tooth pitch 1.0 mm
- Serrated
- For fast cutting action

Ref. no.: T318AF PU: 5 Art. no.: 24004 8



BI-METAL JIGSAW BLADE

Longlife - for quick cuts in sandwich material up to 80 mm



- Length of teeth 105 mm; tooth pitch 2.0 mm
- Serrated
- For fast cutting action

Ref. no.: T318BF PU: 5 Art. no.: 24005 5



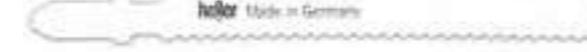
BI-METAL JIGSAW BLADE

Longlife - flexible blade for Plexiglas, polycarbonate and aluminium 2-20 mm



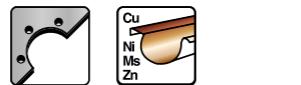
- Length of teeth 75 mm; tooth pitch 2.5 mm
- Tapered blade, chamfered cut
- For fast cutting action

Ref. no.: T101A PU: 5 Art. no.: 24006 2



BI-METAL JIGSAW BLADE

For thin sheet metal manufactured, 1.2-2 mm



- Length of teeth 55 mm; tooth pitch 1.2 mm
- Serrated
- For fast cutting action

Ref. no.: T118AF PU: 5 Art. no.: 24008 6



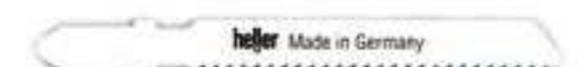
BI-METAL JIGSAW BLADE

Longlife - for stainless steel, aluminium



- Length of teeth 55 mm; tooth pitch 2.0 mm
- Serrated
- For fast cutting action

Ref. no.: T118BF PU: 5 Art. no.: 24009 3



BI-METAL JIGSAW BLADE

Particularly suitable for sandwich material



- Length of teeth 155 mm; tooth pitch 1.0 mm
- Serrated
- For fast cutting action

Ref. no.: T718AF PU: 5 Art. no.: 25816 6



BI-METAL JIGSAW BLADE

Combo teeth for wood with nails and metal



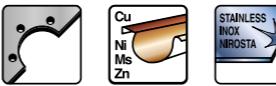
- Length of teeth 75 mm; tooth pitch 1.8-2.5 mm
- Serrated
- For fast cutting action

Ref. no.: T111HF PU: 5 Art. no.: 25818 0



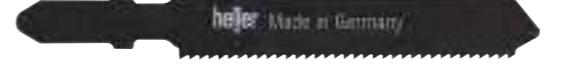
HM JIGSAW BLADE

For non-ferrous metal / stainless steel 2-5 mm



- Length of teeth 50 mm; tooth pitch 1.1 mm
- Carbide teeth
- For fast cutting action

Ref. no.: T118EHM PU: 3 Art. no.: 25805 0



HM JIGSAW BLADE

For coarse cuts in material 5-80 mm



- Length of teeth 105 mm; tooth pitch 4.2 mm
- Carbide powdered
- For rough cutting

Ref. no.: T341HM PU: 3 Art. no.: 25800 5



HSS JIGSAW BLADE

Quick, cleanest surface cuts in material 2-20 mm



- Length of teeth 91 mm; tooth pitch 1.9 mm
- Conically ground
- For extremely quick and clean cuts

Ref. no.: T308B PU: 5 Art. no.: 27633 7



HSS JIGSAW BLADE

For steel, non-ferrous metal and aluminium 2.5-6 mm



- Length of teeth 55 mm; tooth pitch 2.0 mm
- Serrated
- For fast cutting action

Ref. no.: T118B PU: 5 Art. no.: 24002 4



HSS JIGSAW BLADE

For quick cuts in 3-15 mm aluminium and 3-30 mm lime sand brick



- Length of teeth 75 mm; tooth pitch 3.0 mm
- Rip cut
- For fast cutting action

Ref. no.: T127D PU: 5 Art. no.: 24003 1



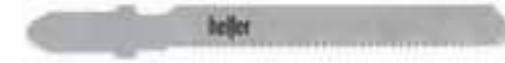
HSS JIGSAW BLADE

For curved cuts in thin sheet metal 1.2 to 2 mm



- Length of teeth 55 mm; tooth pitch 1.2 mm
- Serrated
- For curved cuts

Ref. no.: T218A PU: 5 Art. no.: 24007 9



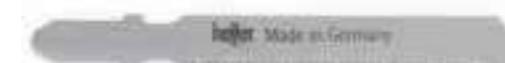
HSS JIGSAW BLADE

For thin sheet metal 1.2-2 mm

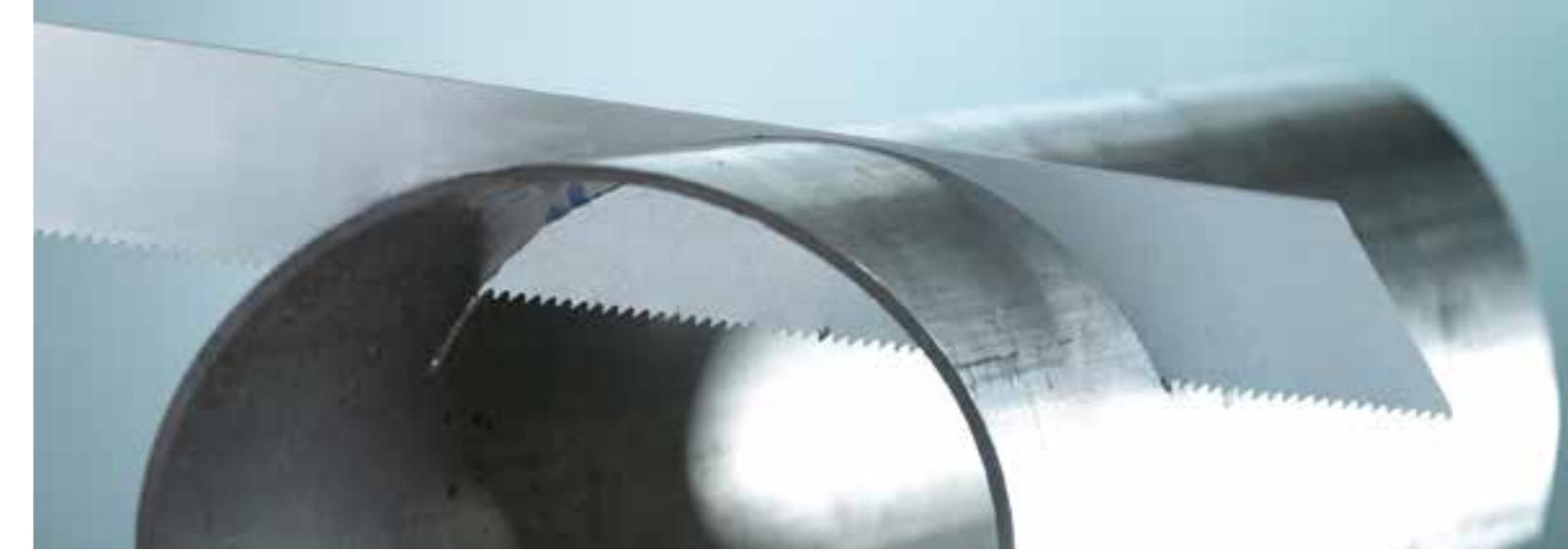


- Length of teeth 55 mm; tooth pitch 1.2 mm
- Serrated
- For fast cutting action

Ref. no.: T118A PU: 5 Art. no.: 24001 7



	Blade type	Ref. no.	Material	mm	mm	
27498 2	HCS jigsaw blade	T111C	Wood	75	3,0	1
	HCS jigsaw blade	T101B	Wood	75	2,5	1
	HCS jigsaw blade	T144D	Wood	75	4,0	1
	HSS jigsaw blade	T118A	Metal	55	1,2	1
	HSS jigsaw blade	T118 B	Metal	55	2,0	1



4040

SABRE SAW BLADES

Professional sabre saw blades: fast, precise, durable.

- ✓ The right sabre saw blade for any application
- ✓ Available in various materials, TPI and cuts for optimal results
- ✓ Matched to all popular machines
- ✓ Superior performance and precise cutting

HCS SZ SABRE SAW BLADE

For wood and green wood > 175 mm



- Length of teeth 130 mm; 3 teeth per inch
- Rip cut
- For fast cutting action

Ref. no.: S617K PU: 5 Art. no.: 24045 1



HCS SZ SABRE SAW BLADE

For wood, plastic, plasterboard 6-100 mm



- Length of teeth 130 mm; 6 teeth per inch
- Rip cut
- For clean parallel cutting

Ref. no.: S644D PU: 5 Art. no.: 24042 0



HCS SZ SABRE SAW BLADE

For wood, plastic, plasterboard 6-100 mm



- Length of teeth 280 mm; 6 teeth per inch
- Rip cut
- For clean parallel cutting

Ref. no.: S1344D PU: 5 Art. no.: 24046 8



HCS SZ SABRE SAW BLADE

For wood and green wood up to 100 mm



- Length of teeth 280 mm; 3 teeth per inch
- Rip cut
- For fast cutting action

Ref. no.: S1617K PU: 5 Art. no.: 24043 7



HCS SZ SABRE SAW BLADE

Curved saw blade for soft wood and insulating material



- Length of teeth 220 mm; 4-5 teeth per inch
- Rip cut
- For fast parallel cutting

Ref. no.: S1531L PU: 5 Art. no.: 24044 4



HCS WZ SERRATED

Serrated blade for insulating material



- 280 mm working length
- Special serrated edge
- Enables reliable cutting of insulating material

Ref. no.: S1213AWP PU: 3 Art. no.: 27635 1



BI-METAL SZ SABRE SAW BLADE

Longlife - for straight cuts in wood and plastic 6-100 mm



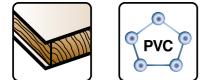
- Length of teeth 130 mm; 6 teeth per inch
- Rip cut
- For clean, quick cutting

Ref. no.: S611DF PU: 5 Art. no.: 25806 7



BI-METAL SZ SABRE SAW BLADE

Longlife - for disassembly and renovation work (>100 / <190 mm)



- Length of teeth 205 mm; 6 teeth per inch
- Rip cut
- For clean, rough cuts

Ref. no.: S1110DF PU: 5 Art. no.: 25810 4



BI-METAL WZ SABRE SAW BLADE

Longlife - for sheet metal and steel >1.2 mm



- Length of teeth 80 mm; 24 teeth per inch
- Serrated
- For clean, rough cuts

Ref. no.: S522AF PU: 5 Art. no.: 24047 5



BI-METAL WZ SABRE SAW BLADE

Fastest cuts and maximum service life thanks to the M-toothing system



- Length of teeth: 130 mm; "M" teeth
- Rip cut
- For clean, rough parallel cutting

PU: 5 Art. no.: 25815 9



BI-METAL WZ SABRE SAW BLADE

Long-life universal blade for steel, stainless steel and non-ferrous metal 1.5-2.5 mm



- Length of teeth 180 mm; 18 teeth per inch
- Serrated
- For clean, rough cuts

Ref. no.: S1122EF PU: 5 Art. no.: 24039 0



BI-METAL WZ SABRE SAW BLADE

Longlife - for sheet metal and steel >1.2 mm



- Length of teeth 130 mm; 24 teeth per inch
- Rip cut
- For clean, rough cuts

Ref. no.: S922AF PU: 5 Art. no.: 24048 2



BI-METAL WZ SABRE SAW BLADE

Long-life universal blade for steel, stainless steel and non-ferrous metal 2.5-3.5 mm



- Length of teeth 130 mm; 14 teeth per inch
- Serrated
- For clean, rough cuts

Ref. no.: S922BF PU: 5 Art. no.: 24036 9



BI-METAL SZ SABRE SAW BLADE

Long-life universal blade for steel, stainless steel and non-ferrous metal 3.5-5 mm



- Length of teeth 260 mm; 10 teeth per inch
- Rip cut
- For clean, rough cuts

Ref. no.: S1211H PU: 5 Art. no.: 24040 6



BI-METAL WZ SABRE SAW BLADE

For disassembly and renovation work in steel >3 mm



- Length of teeth 205 mm; 10 teeth per inch
- Serrated
- For clean, rough cuts

Ref. no.: S1120CF PU: 5 Art. no.: 25809 8



BI-METAL WZ SABRE SAW BLADE

Long-life universal blade for steel and stainless steel 1.5-2.5 mm



- Length of teeth 130 mm; 18 teeth per inch
- Serrated
- For clean, rough cuts

Ref. no.: S922EF PU: 5 Art. no.: 24037 6



BI-METAL SZ SABRE SAW BLADE

Longlife universal blade for steel, stainless steel and non-ferrous metal 3.5-5 mm



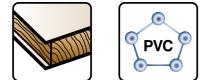
- Length of teeth 130 mm; 10 teeth per inch
- Rip cut
- For clean, rough cuts

Ref. no.: S922HF PU: 5 Art. no.: 24041 3



BI-METAL WZ SABRE SAW BLADE

Fastest cuts and maximum service life thanks to the M-toothing system



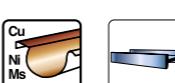
- Length of teeth: 180 mm; "M" teeth
- Rip cut
- For clean, rough parallel cutting

PU: 5 Art. no.: 25814 2



BI-METAL WZ SABRE SAW BLADE

Long-life universal blade for steel, stainless steel and non-ferrous metal 2.5-3.5 mm



- Length of teeth 180 mm; 14 teeth per inch
- Serrated
- For clean, rough cuts

Ref. no.: S1122BF PU: 5 Art. no.: 24038 3



BI-METAL SABRE SAW BLADE

Twincut teeth for enhanced hardness in material 2-10 mm



- Length of teeth 130 mm; 10-14 teeth per inch
- Twincut® toothing, double cut, extra hard
- Excellent service life, good guidance, fast cutting action

PU: 5 Art. no.: 27636 8



BI-METAL SABRE SAW BLADE

Twincut teeth for enhanced hardness in material 2-10 mm



- Length of teeth 205 mm; 10-14 teeth per inch
- Twincut® toothing, double cut, extra hard
- Excellent service life, good guidance, fast cutting action

Ref. no.: S123XF PU: 5 Art. no.: 27637 5



BI-METAL SZ SABRE SAW BLADE

Combo teeth for wood with nails and metal as well as pallets



- Length of teeth 205 mm; 10-14 teeth per inch
- Rip cut
- For fast cutting action

Ref. no.: S1122VF PU: 2 Art. no.: 25808 1



BI-METAL SZ SABRE SAW BLADE

Extra high blade for perfect cutting action in thick materials



- Length of teeth 205 mm; 10-14 teeth per inch
- Height of 25 mm
- High blade for perfect guiding of the cut

Ref. no.: S1136BEF PU: 5 Art. no.: 27640 5



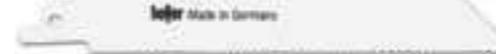
BI-METAL SZ SABRE SAW BLADE

Combo teeth for wood with nails and metal as well as pallets



- Length of teeth 130 mm; 10-14 teeth per inch
- Rip cut
- For fast cutting action

Ref. no.: S922VF PU: 5 Art. no.: 25811 1



BI-METAL SABRE SAW BLADE

Twincut teeth for enhanced hardness in material 2-10 mm



- Length of teeth 260 mm; 10-14 teeth per inch
- Twincut® toothing, double cut, extra hard
- Excellent service life, good guidance, fast cutting action

PU: 5 Art. no.: 28050 1



HM SABRE SAW BLADE

Special blade for stainless steel, glass fibre reinforced plastic, carbon fibre, epoxy, Plexiglas, with carbide teeth



- Length of teeth 95 mm; 18 teeth per inch
- Carbide teeth
- For clean cutting

Ref. no.: S518EHM PU: 2 Art. no.: 25812 8



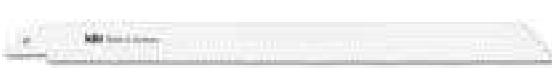
BI-METAL SZ SABRE SAW BLADE

Combo teeth for wood with nails and metal as well as pallets



- Length of teeth 260 mm; 10-14 teeth per inch
- Rip cut
- For fast cutting action

Ref. no.: S1222VF PU: 5 Art. no.: 25807 4



HM SABRE SAW BLADE

Longlife - for cast steel pipes, brick, tiles



- Length of teeth: 210 mm;
- Carbide powdered
- For fast cutting action

Ref. no.: S1130Riff PU: 2 Art. no.: 25813 5



HM SABRE SAW BLADE

Extra high blade for aerated concrete



- Length of teeth 430 mm; 35 teeth
- Teeth set & carbide-tipped
- For fast cutting action

PU: 1 Art. no.: 27638 2



SABRE SAW BLADE SET

Art.	Blade type	Ref. no.	Material	mm		
27499 9	HCS SZ sabre saw blade	S644D	Wood	130	6	1
	HCS SZ sabre saw blade	S1531L	Wood	220	4-5	1
	Bi-metal WZ sabre saw blade	S922BF	Metal	130	14	1
	Bi-metal WZ sabre saw blade	S1122BF	Metal	180	14	1
	Bi-metal SZ Sabre saw blade	S1122V	Universal	205	10-14	1
= 5						

SABRE SAW BLADES MULTIPACK

Art.	Blade type	Ref. no.	Material	mm		
27903 1	Bi-metal sabre saw blade	S922VF	Universal	130	10-14	20





4010/4011/4012/4013/4015 SPEED BLADES PROFESSIONAL CIRCULAR SAW BLADES

Reliable, safe, long lasting, fast – Quality Made in Germany



- ✓ **With precision-ground** for clean rip- and cross-cuts
 - ✓ **Extremely long lasting, safe and fast** due to induction-brazed carbide teeth
 - ✓ **Suitable for most materials**
 - ✓ **Compatible with power saws of all brands**

TYP F = flat tooth TYP TZ = flat tooth chamfered TYP W = alternate top bevel TYP TF = trapeze-/flat tooth



positive



A horizontal bar chart comparing two metrics: SPEED and LIFETIME. Both metrics are represented by a series of teal-colored squares. The SPEED bar consists of 10 squares, while the LIFETIME bar consists of 11 squares, indicating a higher value for LIFETIME.



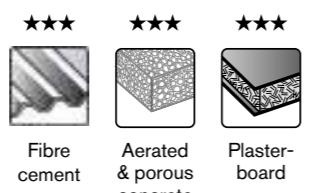
Soft
woo



Hard-
wood



VC



Fibre cement Aerated & porous concrete Plaster-board

	Description				tooth count and shape		Description				tooth count and shape	
29553 6	cordless circular saw	136	1,6	20	18W (g)		29575 8	miter saw	216	2,8	30	48W neg (f)
29554 3	cordless circular saw	136	1,6	20	36W (f)		29576 5	miter saw	216	3	30	60W neg (x)
29555 0	cordless circular saw	160	1,6	20	18W (g)		29577 2	miter saw	250	3,2	30	48W neg (f)
29556 7	cordless circular saw	160	1,6	20	36W (f)		29578 9	miter saw	250	3,2	30	60W neg (x)
29557 4	cordless circular saw	165	1,8	20	18W (g)		29749 3	miter saw	305	3,2	30	60W neg (x)
29558 1	cordless circular saw	165	1,8	20	36W (f)		29579 6	table saw	300	3,2	30	20TZ (b)
29559 8	cordless circular saw	184	1,8	20	18W (g)		29580 2	table saw	315	3,2	30	20TZ (b)
29560 4	cordless circular saw	184	1,8	20	36W (f)		29581 9	table saw	350	3,5	30	24TZ (b)
29561 1	circular saw	160	2,6	20	18W (w)		29582 6	table saw	400	3,8	30	28TZ (b)
29562 8	circular saw	160	2,6	20	36W (f)		29583 3	table saw	450	4	30	32TZ (b)
29563 5	circular saw	160	2,6	20	48W (x)		29584 0	table saw	250	3,2	30	42W (w)
29564 2	circular saw	165	2,6	20	24W (w)		29585 7	table saw	250	3,2	30	60W (f)
29565 9	circular saw	165	2,6	20	36W (f)		29586 4	table saw	250	3,2	30	80W (x)
29745 5	circular saw	165	2,8	20	52TF neg (x)		29587 1	table saw	300	3,2	30	48W (w)
29566 6	circular saw	190	2,6	30	16F (g)		29588 8	table saw	300	3,2	30	72W (f)
29567 3	circular saw	190	2,6	30	30W (f)		29645 8	reducing rings	20		10	
29568 0	circular saw	190	2,8	30	40W (x)		29643 4	reducing rings	20		16	
29746 2	circular saw	190	2,8	30	54TF (x)		29644 1	reducing rings	30		20	
29569 7	circular saw	210	2,8	30	16W (g)		29644 1	reducing rings	30		20	
29570 3	circular saw	210	2,6	30	30W (f)		29646 5	reducing rings	30		25,4	
29571 0	circular saw	210	2,6	30	40W (x)							
29572 7	circular saw	230	3	30	20F (g)							
29573 4	circular saw	230	3	30	36W (f)							
29574 1	circular saw	230	3	30	48W (x)							
29747 9	circular saw	235	3	30	20W (g)							
29748 6	circular saw	235	3	30	36W (f)							

MATERIAL COMPATIBILITY

W-neg	W-neg	DP	W	W	W	W	TZ	TF	W	W	W	F	DP	W	W	Tooth Form
x	f	g	x	f	w	g	b	x	x	f	w	g	g	f	g	Tooth (g = coarse, w = few, f = fine, x = extra fine, b = construction)
.	Solid wood, rip
.	Solid wood, cross
.	Glued laminated timber, rip
.	Glued laminated timber, cross
.	Solid wood plate, rip
.	Solid wood plate, cross
.	Woodwork material (ST)
.	Woodwork material (STAE)
.	Chipboard (FPY), veneerslaminated chipboard (FU)
.	PA, PMMA >10mm, CPL, OSB, Trespa, GFK, CFK
.	MDF, HDF, Multiplex
.	Soft fibre board
.	High Pressure Laminate, Resopal (HPL)
.	Veneers (FU)
.	PE, PA, PU > 10mm
.	PE, PU, PVC, PP, PC <10mm
.	PVC, PP, PC >10mm
.	ABS < 6mm
.	ABS > 6mm
.	Fibre cement, Aerated & porous concrete, Plasterboard, Fermacell



4002 STARLOCK BLADES OSCILLATING TOOLS

Sawing, cutting, scraping with the new Starlock connection -
High-tech tools for professionals

- ✓ **Comprehensive range for diverse materials**
Wood, metal, steel, stone, aluminium, copper, concrete, gypsum as well as plastic, silicon, etc.
- ✓ **Extremely long life** in professional quality
- ✓ **Several varieties and teeth** for diverse tasks
- ✓ **Saws, scrapers and cutters** available for optimal use of multitools
- ✓ **With original Starlock connection**, optimal for Bosch and Fein Starlock Multitools
- ✓ The patented Starlock system guarantees **best power transmission and most convenient locking and unlocking of the tool**

SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

Typical applications:



HCS Wood & Plastic Saw, 50 x 35 mm
Wood, Gypsum and Plastic. High Speed.
Art.-Nr. 29530 7 & 29531 4



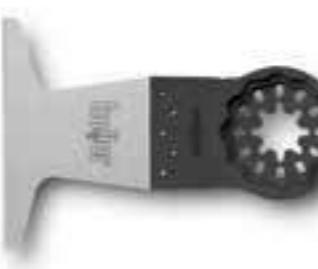
HCS Wood & Plastic Saw curved, 50 x 65 mm
Wood, Gypsum and Plastic. High Speed.
Art.-Nr. 29532 1 & 29533 8



BIM Wood & Nail Saw, 30 x 10 mm
Wood, Gypsum and Plastic. High Speed.
Art.-Nr. 29534 5 & 29535 2



BIM Wood & Nail Saw, 50 x 35 mm
Wood, Gypsum and Plastic. High Speed.
Art.-Nr. 29536 9



BIM Wood & Nail Saw, 50 x 65 mm
Wood, Gypsum and Plastic. High Speed.
Art.-Nr. 29537 6



BIM Wood Precision Saw, 50 x 35 mm
Twin Japan teeth. Wood, Gypsum and Soft Plastic.
Art.-Nr. 29538 3



BIM Wood Precision Saw, 50 x 65 mm
Twin Japan teeth. Wood, Gypsum and Soft Plastic.
Art.-Nr. 29539 0 & 29540 6



BIM Metal & Wood Saw, 50 x 28 mm
Wave universal teeth. Iron sheet, aluminium, Copper,
Wood, Gypsum, Plastic. High Speed.
Art.-Nr. 29541 3 & 29542 0



BIM Metal & Wood Saw, 50 x 44 mm
Wave universal teeth. Iron sheet, aluminium, Copper, Wood, Gypsum, Plastic. High Speed.
Art.-Nr. 29543 7 & 29544 4



BIM Metal Fine Saw, 50 x 30 mm
Fine teeth. Iron sheet, aluminium, Copper, GFK.
Extremely precise and controllable.
Art.-Nr. 29545 1



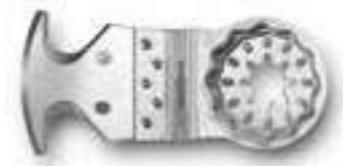
HCS Soft Material Saw, 50 x 65 mm
For all soft material. Segmented, ideal for corners and edges.
Art.-Nr. 29546 8



TC Hard Material Saw, 75 x 2,2 mm
For cutting out tile grout and to face plaster and gas concrete. Segmented, ideal for corners and edges.
Art.-Nr. 29547 5



Diamond saw blade
For cutting marble, epoxy resin and trass joints and cement
Art.-Nr. 29726 4



Multi Blade 3 blades
For carpets, PVC, carton, tar paper, etc.. Three cutting blades.
Art.-Nr. 29548 2



Glue Scraper fixed, 34 x 50 x 0,8 mm
Fixed blade to scrape glue, paint, carpet, covering.
Art.-Nr. 29549 9



Sanding Pad triangle, 95 mm
Art.-Nr. 29550 5

COMPATIBLE WITH MACHINES OF THE FOLLOWING MANUFACTURERS:

- | | | | |
|-------------------------|------------------|---------------|--------------|
| ✓ FEIN MultiTalent* | ✓ Bosch Starlock | ✓ Makita * | ✓ Rockwell * |
| ✓ FEIN MultiMaster* | Plus & Max * | ✓ Metabo * | ✓ Ryobi * |
| ✓ FEIN SuperCut* | ✓ Craftsman * | ✓ Milwaukee * | ✓ Skil * |
| ✓ Bosch OIS + Starlock* | ✓ Hitachi * | ✓ Ridgid * | |

* registered trademark,

RANGE



Art

Product	Size in mm	Material	
29530 7	50 x 35	Wood & Plastic	1
29531 4	50 x 35	Wood & Plastic	3
29532 1	50 x 65	Wood & Plastic	1
29533 8	50 x 65	Wood & Plastic	3
29534 5	30 x 10	Wood & Nails	1
29535 2	30 x 10	Wood & Nails	3
29536 9	50 x 35	Wood & Nails	1
29537 6	50 x 65	Wood & Nails	1
29538 3	50 x 35	Wood Precision	1
29539 0	50 x 65	Wood Precision	1
29540 6	50 x 65	Wood Precision	3
29541 3	50 x 28	Metal & Wood	1
29542 0	50 x 28	Metal & Wood	3
29543 7	50 x 44	Metal & Wood	1
29544 4	50 x 44	Metal & Wood	3
29545 1	50 x 30	Metal Fine	1
29546 8	85	Soft Materials	1
29547 5	75 x 2,2	Gap+Hard materials	1
29726 4	75 x 2,2	Marble, epoxy resin, cement joints	1
29548 2	41 x 41	Carpets, PVC	1
29549 9	34 x 50 x 0,8	Glue	1
29550 5	95	Sanding	1



4000 QUALITY BLADES TOOLS FOR MULTITOOLS

Multitool accessories for oscillating tools to professional quality standards

- ✓ Available for all popular systems and machines: UN and SuperCut
 - ✓ Comprehensive range for wood, metal, stone and concrete as well as plastics and silicone
 - ✓ Very long service life thanks to precision workmanship and premium materials

The chart displays two horizontal bar series. The left series, labeled 'SPEED', consists of 12 teal bars of increasing length from left to right. The right series, labeled 'LIFETIME', also consists of 12 teal bars of increasing length from left to right.

 HELLER-TV TUTORIALS
www.heller-tools.com/en/heller-tv

Compatibility UN connection:

Compatibility SC connection

Brand | Machine

- Bosch Type GOP 250 CE | GOP SCE Prof
GOP 10.8 V-Li | GOP 300
 - Bosch Type PMF 180 | PMF 10.8 Li
PMF 190E | PMF 250 CES
 - Einhell. Type BT-MG 180 v Li-ion | BT-MG 220 E
 - Fein Multimaster Type FMM 250 Q | AFMM 14
 - Ferm Shaper Type OTM 1003 model
 - FOT-180 | OTM 1001
 - Hitachi CV18DBL(W4)-EX
 - Makita Multitool Type BTM40Z, DTM41RMJX3
 - MasterCraft
 - Metabo MT18LTX
 - Milwaukee Multitool. Type C12MT
 - Parkside PMFW 280 A2
 - Ridgid Jobmax
 - Ryobi RMT1801M
 - Skill 1150
 - Würth Multitool

Brand | Machin

- Fein SuperCut Type FSC 2.0 | 400 W
 - Festool OS400 EQ

SAW BLADE

WOOD - UNIVERSAL

HCS blade with alternating teeth for wood, plasterboard and plastics.



Connection		mm	mm	hefle
28927 6	UN04	34	40	1
28928 3	UN04	34	40	3
28929 0	UN04	34	40	11
28930 6	UN08	65	42	1
28931 3	UN08	65	42	3
28932 0	UN08	65	42	11

SAW BLADE

WOOD - SUPERCUT

HCS blade with alternating teeth for wood, plasterboard and plastics.



Art		Connection			
28949	8	SC04	34	40	1
28950	4	SC04	34	40	3
28951	1	SC04	34	40	11
28973	3	SC08	65	42	1
28952	8	SC08	65	42	3
28953	5	SC08	65	42	11

SAW BLADE

WOOD (PRECISION) - UNIVERSAL

HCS blade with alternating teeth for wood, plasterboard and plastics.



 4870159	Connection		mm	
28933 7	UN06	34	40	1
28934 4	UN06	34	40	3
28935 1	UN06	34	40	11

SAW BLADE

WOOD (PRECISION) - SUPERCUT

HCS blade with alternating teeth for wood, plasterboard and plastics.



		Connection				
28974 0	SC06	34	40	1		
28954 2	SC06	34	40	3		
28955 9	SC06	34	40	11		

SAW BLADE

WOOD, METAL - UNIVERSAL

Bi-metal blade for wood, plastics, nails, copper, aluminium and profiles.



	Connection	mm	mm	mm	hefle
28936 8	UN11	45	60	1	
28937 5	UN11	45	60	3	
28938 2	UN11	45	60	11	
28972 6	UN15	28	60	1	
28939 9	UN15	28	40	3	
28940 5	UN15	28	40	11	

SEGMENT SAW BLADE

WOOD, METAL - UNIVERSAL

Bi-metal blade for wood, plastics, nails, copper, aluminium and profiles.



	Connection	mm	mm	mm	hefle
28941 2	UN20	88			1

SAW BLADE

WOOD, METAL - SUPERCUT

Bi-metal blade for wood, plastics, nails, copper, aluminium and profiles.



	Connection	mm	mm	mm	hefle
28956 6	SC11	45	60	1	
28957 3	SC11	45	60	3	
28958 0	SC11	45	60	11	
28959 7	SC15	28	60	1	
28960 3	SC15	28	60	3	
28961 0	SC15	28	60	11	

SEGMENT SAW BLADE

WOOD, METAL

Bi-metal blade for wood, plastics, nails, copper, aluminium and profiles.



	Connection	mm	mm	mm	hefle
28962 7	SC20	88			1

RASP TRIANGULAR SHAPE

CONCRETE, STONE - UNIVERSAL

Carbide file made of bluestone for putty, grout, stone and wood.



Art.	Connection	mm	mm	hefle
28942 9	UN40	80	1	

RASP TRIANGULAR SHAPE

CONCRETE, STONE - SUPERCUT

Carbide file made of bluestone for putty, grout, stone and wood.



Art.	Connection	mm	mm	hefle
28963 4	SC40	80	1	

SEGMENTED BLADE

UNIVERSAL

Diamond tools for fine work, e.g., tiles and masonry.

For removing stubborn paint, glue, carpet, tile adhesive and underbody protection from stainless steel.



Art.	Suitability	Connection	mm	mm	hefle
28943 6	Concrete, Stone	UN35	58	1	
28944 3	Seals	UN70	52	1	

SEGMENTED BLADE

SUPERCUT

Diamond tools for fine work, e.g., tiles and masonry.

For removing stubborn paint, glue, carpet, tile adhesive and underbody protection from stainless steel.



Art.	Suitability	Connection	mm	mm	hefle
28964 1	Concrete, Stone	SC35	58	1	
28965 8	Seals	SC70	52	1	

SEGMENT SAW BLADE SEALS, WOOD, METAL - UNIVERSAL

Particularly good for removing old butylene adhesive from stainless steel.



Art.
4070159

Connection

28945 0 UN73 60 1

GRINDING PADS, TRIANGULAR SHAPE UNIVERSAL

With hook and loop fastener for use with sandpapers.



Art.
4070159

Connection

28946 7 UN52 93 1

SEGMENT SAW BLADE SEALS, WOOD, METAL - SUPERCUT

Particularly good for removing old butylene adhesive from stainless steel.



Art.
4070159

Connection

28966 5 SC73 60 1

SAW BLADE SET WOOD - UNIVERSAL



Art.
4070159

28947 4 UN93 5xUN04-
6xUN06 11

SAW BLADE SET WOOD - SUPERCUT



Art.
4070159

28968 9 SC93 5xSC04-
6xSC06 11

SAW BLADE SET WOOD METAL - UNIVERSAL



Art.
4070159

28948 1 UN92 1xUN04, 1xUN06,
1xUN08, 1xUN11 4

SAW BLADE SET WOOD, METAL - SUPERCUT



Art.
4070159

28969 6 SC92 1xSC04, 1xSC06,
1xSC08, 1xSC11 4

SANDPAPER SUPERCUT/UNIVERSAL



Art.
4070159

28991 7	80	10
28992 4	120	10
28993 1	240	10



4201 TORSION & IMPACT BITS

2 in 1: Torsion and Impact in one bit.

- ✓ Combines Impact and Torsion = 2 in 1 Bit
 - ✓ Usable in impact machines due to holder and bit construction
 - ✓ Torsion core zone absorbs torque peak load and reduces risk of breakage
 - ✓ Find the right bit thanks to colour code
 - ✓ Range of application: Hard and soft materials thanks to Torsion zone (absorbs hard screw joint)
 - ✓ Practical and sturdy mini-box

SPEED LIFETIME

 Article name	Description	
29347 1 Torsion Impact Bit Set	32 tlg.	10
29408 9 Bit Display Universal & Torsion/ Impact	10 sets each (32er Torsion & 24er Universal)	20

EQUIPMENT DETAILS: SET 32



4200 UNIVERSAL BITS

Premium bits for professionals



- ✓ Sets designed for common screw connections
 - ✓ Premium S2 quality
 - ✓ Ultra-precise tip machining to minimise the cam-out effect and for best possible torque transmission
 - ✓ Practical and extremely **handy magnet holder**
 - ✓ Available in a highly attractive and **practical mini-box**

A horizontal bar chart comparing two metrics: SPEED and LIFETIME. The SPEED bar consists of ten solid teal squares. The LIFETIME bar consists of ten squares, with the first and last squares being white and the remaining eight being teal.

MINIBOX EQUIPMENT DETAILS

SET 24

For screw	Size and number of bits
Philips PH	1 x PH1, 1 x PH2, 1 x PH3
Pozidriv PZ	1 x PZ1, 1 x PZ2, 1 x PZ3
Allen hex key	HEX: 4,5,6
Torx Tamper	T10, T15, T20, T25, T30, T40
CrV socket wrench, 6 mm, 7 mm, 8 mm, 10 mm, 11 mm, 13 mm	
1 x 1/4" adapter	
1x 1/4" quick change tool holder, magnetic	
Comfort ratchet	
S2 quality material Length 25 mm 1/4" bits	

SET 32

For screw	Size and number of bits
Philips PH	1 x PH1, 2 x PH2, 1 x PH3
Pozidriv PZ	1 x PZ1, 2 x PZ2, 1 x PZ3
SL slot	3mm, 4mm, 5mm, 6mm
Allen hex key	3,4,5,6
Torx Tamper	T10, T15, T20, T25, T27, T30, T40
Torx TT	TT10, TT15, TT20, TT25, TT27, TT30, TT40
1 x 1/4" adapter	
1 x bit holder	
S2 quality material Length 25 mm 1/4" bits	

MODULES & DISPLAYS TOP SALES SUPPORT

- ✓ Simple sales and self-explanatory presentation thanks to professional Heller shelving systems
- ✓ Best possible orientation thanks to the Heller colour guidance system
- ✓ Individual variants & inventory
- ✓ Optimal product description and use of space
- ✓ Misc. accessories

NEW,
INNOVATIVE &
INDIVIDUAL

Attractive, space-saving presentation wall elements
with modules



Space-optimised shelf system with variable lengths



Price tags



Communication Panels



For more information, please contact your personal Heller service consultant.



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- ✓ Recommended applications, specialist retailer section, video tutorials, tips and tricks and much more



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HELLER-TV TUTORIALS
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Wherever you see this arrow in the catalogue, you will find a tutorial on the product in question on our website, www.hellertools.com/en/heller-tv.

GENERAL TERMS AND CONDITIONS

Excerpt from the terms and conditions of Heller Tools GmbH. The complete terms and conditions are available on our website at: www.hellertools.com.

APPLICABILITY

1. Our shipments and services are provided exclusively under the following conditions.
2. Business terms of the buyer that are not expressly accepted by us shall not apply.

GENERAL PROVISIONS

5. Details and figures of our products that are contained in the brochures and catalogues are subject to changes to the extent that they do not impair the utilisation purpose to an unacceptable extent.

DELIVERY

8. Unless agreed otherwise, the delivery within Germany will take place by parcel service. Outside Germany, the mode of shipment will be governed by the respective individual agreements.

10. The minimum order value per shipment is EUR 100.00 (net, exclusive of value-added tax) for package shipments listed in Section 8. Outside these countries, the respective, individual agreements apply.

13. We will deliver goods of an order value of more than EUR 250.00 (net, exclusive of value-added tax) on a freight prepaid basis. For goods shipments with an order value below EUR 250.00 (net excluding VAT) we charge the following shipping flat rates within Germany: net order value excluding VAT: EUR 150.00 to 249.99 shipping flat rate of EUR 5.90; EUR 100.00 to 149.99 shipping flat rate of EUR 8.90; up to EUR 99.99 shipping flat rate of EUR 9.90. For shipments outside Germany, individual freight charges will be applied.

14. As a matter of principle, all kinds of return shipments must be coordinated and must be delivered by the buyer on a freight prepaid basis. In the case of return shipments on a freight collect basis and uncoordinated return shipments, we reserve the right to reject the return shipment and bill the costs we incur. Return shipments without defects will only be accepted in exceptional cases and by agreement, subject to a processing fee of 10 percent of the net goods value.

TERMS AND CONDITIONS OF PAYMENT

16. All invoices are payable immediately and without deductions upon invoicing, unless otherwise agreed in writing. Withholding of payments or offsetting of any counterclaims of the buyer that are disputed by us is not permitted.

19. Payments shall be made as agreed. If the payment deadline is missed, we may charge default interest in the amount that the bank charges us for overdraw facilities, but at least in the amount of 8 percentage points over the respective base interest rate of the European Central Bank.

21. Our sales representatives are not authorised to collect payments.

RETENTION OF TITLE

22. The goods delivered by us will remain our property until all claims from the business relationship with the buyer are paid.

25. The buyer proactively assigns all claims and rights from the sale or letting (if the buyer is permitted to do so) of goods to which we hold property rights to us as collateral. We hereby accept the assignment.

DEFECTS OF QUALITY

31. Claims for defects in quality expire after 12 months. This shall not apply if longer periods are prescribed by law.

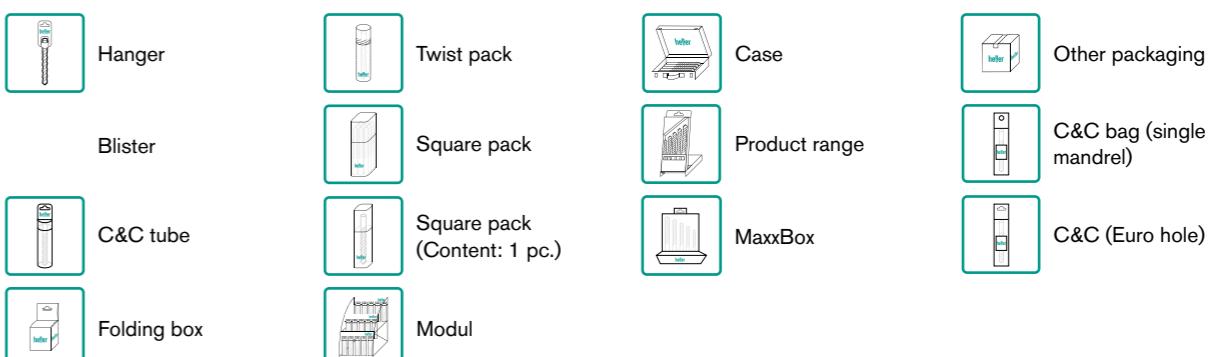
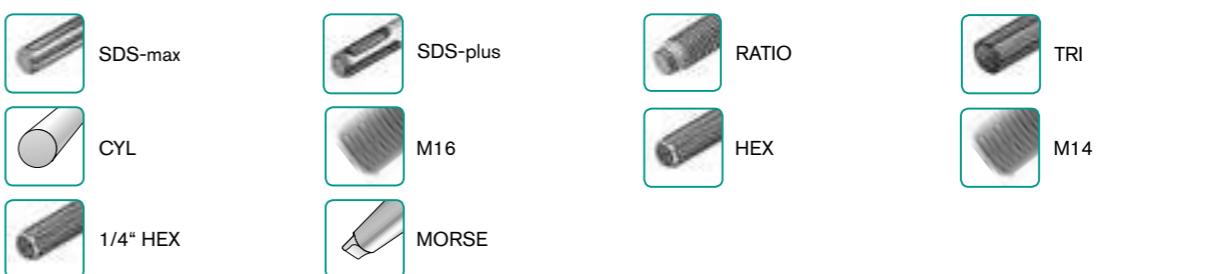
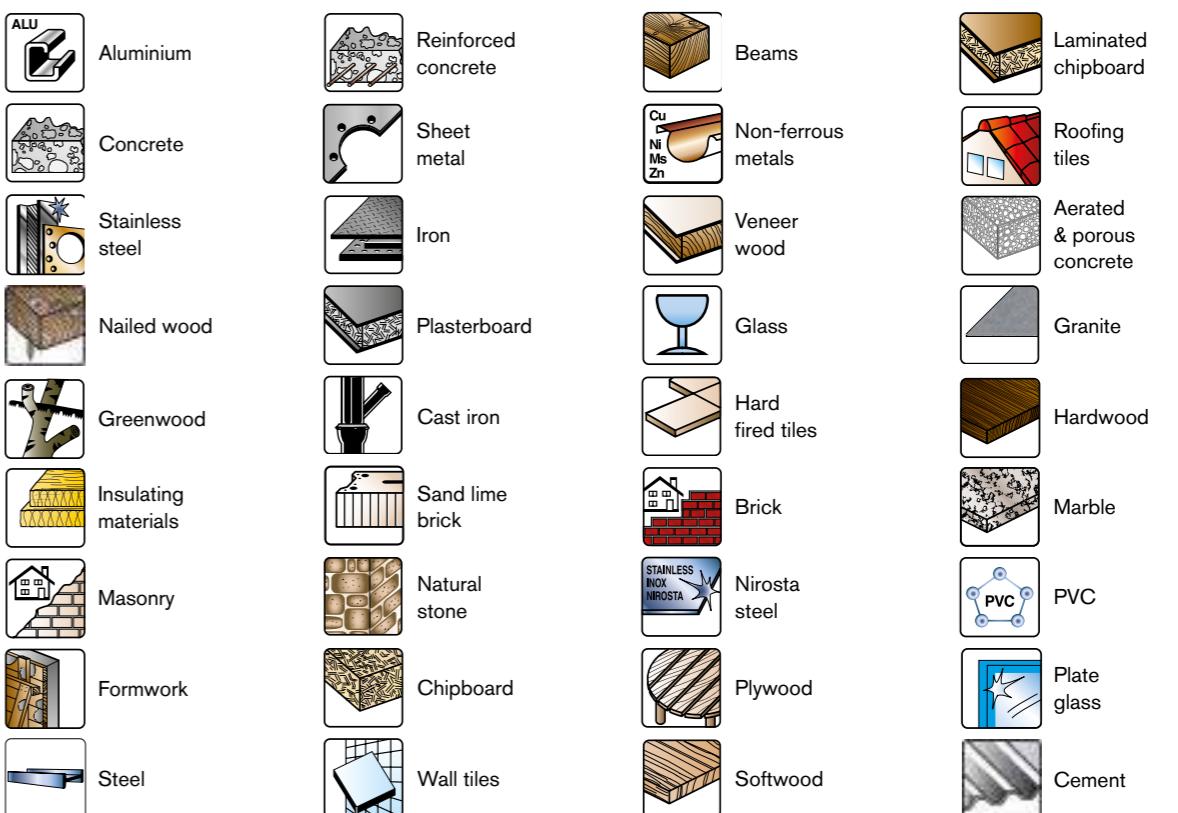
PLACE OF FULFILMENT, JURISDICTION AND APPLICABLE LAW

43. Unless specified otherwise in the order confirmation, the location of our registered office shall be the place of fulfilment.

44. The courts of Vechta, Germany, shall have jurisdiction over all legal disputes, including bill of exchange and cheque proceedings. We may also file charges at the domicile of the buyer.

45. The contractual relationship shall be governed exclusively by the laws of the Federal Republic of Germany. The UN Convention on Contracts for the International Sale of Goods of 11 April 1980 (CISG) shall not apply.

LEGEND



heller
get a bit more



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