

heller

PREMIUM TOOLS



PRODUCTS & SERVICES

www.hellertools.com



HELLER PREMIUM TOOLS

Est. 1849

Dear Customer,

Welcome to the most experienced drill bit manufacturer in the world! Heller offers its customers the expertise from over 170 years of development and production of excellent drilling tools. We are really proud of this! And we are motivated to move forward with the Heller success story. The new Heller brand statement "Premium Tools" underlines our self-image: We place great value on innovative product solutions of professional quality. This standard applies to the drilling sector as well as to all other tool segments of our product range. This enables us to provide you with a wide range of premium tools from a single source.

This catalogue contains our current product range from the segments drilling, chiseling, sawing, cutting, sanding and screwing. Including numerous new products and further

enhancements of existing bestsellers. Detailed product descriptions and meaningful pictures provide you with all the important information you need to sell our range. These and other data are naturally also available in digital form.

To ensure your success with our premium products, we also provide you with a wide range of services that we are constantly developing and adapting to your needs. For example, we have revised the exclusive dealer area on www.heller-tools.de and expanded it with additional sales support applications. Including, for example, the optimised download area and a new product data service. Experience this for yourself.

We look forward to successful cooperation.

With kind regards,

Dr. Robert Untiedt
Managing Director

Jörg Frommeyer
Managing Director

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PREMIUM TOOLS - TOOLS FOR PROFESSIONALS

Heller is committed to absolute top quality. As experts in the development, production and marketing of drills and other Power Tool accessories for all materials, Heller is the preferred choice of professionals on the construction site and in industry. Technology and quality leadership is our claim. We work with the most modern methods in our research centre and production in Dinklage, Germany.

Heller uses the highest quality materials and produces to the highest quality standards using state-of-the-art, computer-controlled machines with highly motivated employees,

many of whom have over 30 years of experience. Certified according to ISO 9001 and ISO 50001 energy management, Heller today is one of the most modern and efficient producers of tooling accessories in the world. Today we hold numerous trademark rights and patents and are present in over 80 countries. Equipped with a leading quality management system, this means outstanding safety and security for the trade and craftsmen.



THE ASSORTMENT

Heller has been manufacturing its drills and other premium tools industrially since 1849.

Today, the Heller Tools product portfolio includes a wide range of high-quality solutions for professional users. The range covers the categories hammer drills, concrete & masonry drills as well as diamond tools, wood drills, metal drills, universal & special drills, saw blades & bits.

UNIQUE SERVICE PACKAGE

Heller is a close and reliable partner of the specialist trade, which we support with an exceptional range of services. Digital topics are playing an increasingly important role in this Roll. The Heller website has developed into a central digital platform that provides valuable information for both the retailer and the user. This includes the application-oriented product consultants, a knowledge database, Heller TV and an exclusive dealer area. The latter comprises numerous services tailored to the needs of retail customers Contents such as the optimized download area and the newly established product data service. We will continue to expand the digital area in the future and thus pursue the service concept consistently and sustainably. The same applies to analog communication: Heller supports retailers at the point of sale with individually configurable product presentation systems, pre-loaded modules as well as attractive secondary placements with high space profitability.

In addition, we offer our customers special training courses at the Heller Training Academy in Dinklage and also on site, where we explain the features and possible applications of our products in detail.



EST. 1849 - PROFESSIONAL TOOLS SINCE 1849

For over 170 years the name Heller has been inseparable from excellent drilling tools "Made in Germany". With the many years of experience since the foundation in 1849, Heller permanently expanded its product range further developed and optimized. The company has proven its innovative strength time and again, for example with the world's first carbide-tipped drill or with the drill that was used for the first time in the 1980s suction drill, which is the basis for the latest Hammer drill generation for dust-free drilling "Duster Expert" was.

Today we offer drills for use in countless materials and use our know-how to improve the existing and develop new product solutions to develop. Beyond the drill division, the product portfolio now also includes the segments chisels and diamond tools, Jig and sabre saw blades, circular saw blades, Bits and oscillating tools. With this wide and deep

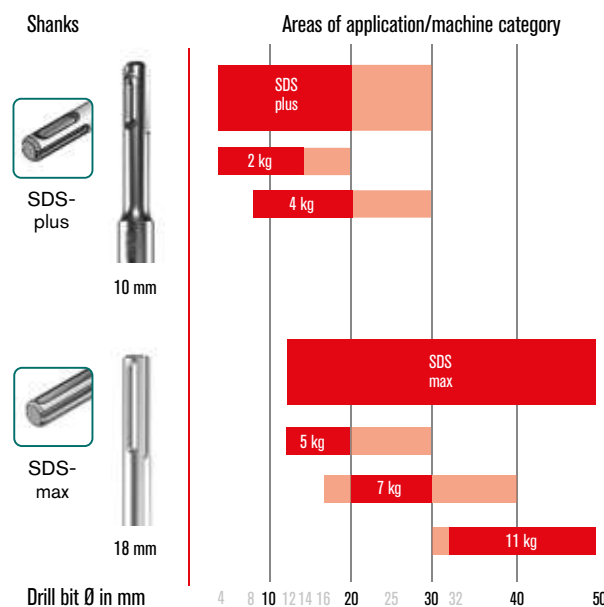
product range enables Heller to offer its customers a large part of the demand for tool accessories for the professional users from a single source.



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 ≥ 5 kg with a diameter of approx. 18 mm.



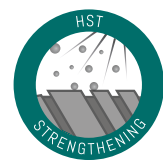
QUALITY SEALS

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.



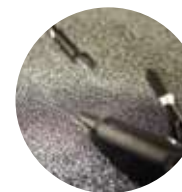
Milling processes

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.

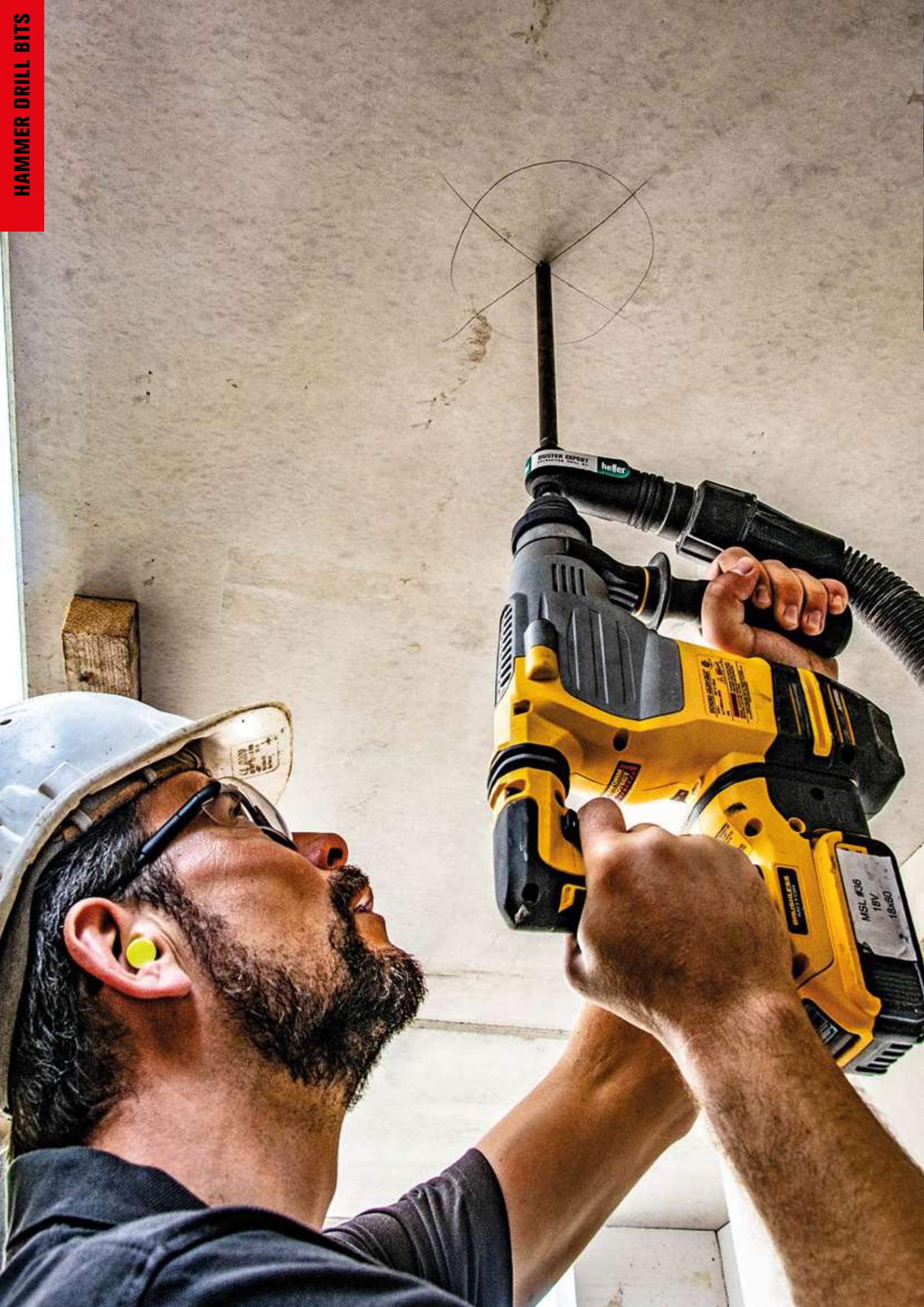
fittings or sockets. For through hole drilling you should always analyse the structure of the opposite side. Use a special detector for this purpose.

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 a 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-plus/max	SDS-plus	SDS-max
Product	Trijet	Y Cutter	4Power	Bionic Pro	Prefix	Rebar Breaker	Enduro Trijet	Enduro Y Cutter	Speed2max	Duster Expert	Duster Expert XC	SuperQuick	Stonebreaker	Starcutter	Ratio Quick Core Drill	Ratio core cutter	Enduro	Power	Chisel
Page	12	14	15	17	21	23	24	24	26	28/29	30	32	31	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.



- ✓ 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 inflagation 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

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SPEED LIFETIME

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

Art. 4010159	mm	mm	mm	mm
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
31005 5	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	210	1
26774 8	14	200	250	1
26775 5	14	250	300	1
26776 2	14	400	450	1
26777 9	14	550	600	1
28089 1	15	100	160	1

Art. 4010159	mm	mm	mm	mm
28090 7	15	200	250	1
28091 4	15	250	300	1
26778 6	16	150	210	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

Art. 4010159	mm	mm	mm
26812 7	5/6/8 x 100/160 mm		3
27465 4	6/8/10 x 100/160, 6/8 x 50/110 mm		5
26813 4	5/6/8 x 50/110, 6/8/10/12 x 100/160 mm		7
28901 6	6/8/10/12/14 mm x 100/160 mm		5
27588 0	5/5,5/6 x 50/110 mm, 6/7/8/10 x 100/160 mm		7

MULTIPACK

Art. 4010159	mm	mm	mm	mm
31007 9	5	50	110	10+1
31008 6	6	50	110	10+1
31009 3	6	100	160	10+1
29848 3	6	150	210	10+1
30574 7	6,5	150	210	10+1
31010 9	8	50	110	10+1
31011 6	8	100	160	10+1
29849 0	8	150	210	10+1
31012 3	10	100	160	10+1
29850 6	10	150	210	10+1
31013 0	12	100	160	10+1
31014 7	12	150	210	10+1
29852 0	14	150	210	10+1
29853 7	16	150	210	10+1



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 in-flagration 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

Art. 4010159	mm	mm	mm	mm
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



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



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 in-flagration even in deep holes
- ✓ Lowest vibration thanks to computer-simulated helix reduces the load on the user
- ✓ Easy positioning thanks to centring tip



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

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1418 **4POWER SDS-plus** HAMMER DRILL BITS

Art. 4010159	mm	mm	mm	
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

Art. 4010159	mm	mm	mm	
29743 1	12	950	1000	1
29148 4	14	100	160	1
29149 1	14	150	210	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	210	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

SETS

Art. 4010159	mm	
29202 3	Ø 6/6/8/8/10	5
29199 6	Ø 5/6/6/8/8/10/12	7

MULTIPACK

Art. 4010159	mm	mm	mm	
29195 8	6	100	160	10+1
29854 4	6	150	210	10+1
31000 0	6.5	100	160	10+1
30573 0	6.5	150	210	10+1
29196 5	8	100	160	10+1
29855 1	8	150	210	10+1
29197 2	10	100	160	10+1
29856 8	10	150	210	10+1
29198 9	12	100	160	10+1
29857 5	12	150	210	10+1
29858 2	14	150	210	10+1
29859 9	16	150	210	10+1

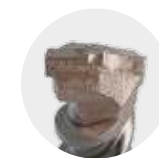


2018 **BIONIC PRO SDS-plus** HAMMER DRILL BITS

High-speed drill for professional results in concrete and reinforcements.



- ✓ **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 in-flagration 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



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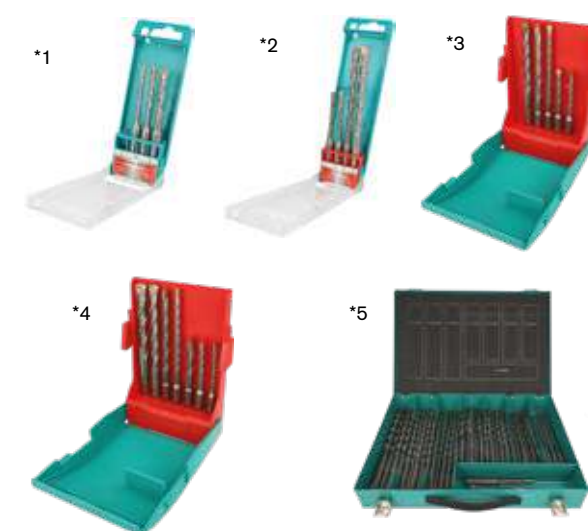
SDS-plus	Reinforced concrete	Concrete	Sand lime brick	Brick	Masonry

Art. 4010159	mm	mm	mm	mm
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

Art. 4010159	mm	mm	mm	mm
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	210	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	210	1
15640 0	15	200	250	1
16661 4	15	400	450	1
15641 7	16	100	160	1
15642 4	16	150	210	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

Art. 4010159	mm	mm	mm	mm
23419 1	16	1350	1400	1
17927 0	17	150	210	1
27795 2	17	250	300	1
15644 8	18	150	210	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	210	1
15646 2	19	400	450	1
15647 9	20	150	210	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



Art. 4010159	mm	mm	mm
*1 17748 1	Ø 5/6/8		3
*2 16490 0	Ø 5/6/8/10		4
*3 16491 7	Ø 5/6/6/8/10		5
28900 9	Ø 6/8/10/12/14		5
*4 16315 6	Ø 5/6/6/8/8/10/12		7
*5 23243 2	Ø 6/6/8/8/10/10/12/12		40

MULTIPACK



Art. 4010159	mm	mm	mm	mm
31015 4	4	50	110	10+1
31016 1	5	50	110	10+1
31017 8	5	100	160	10+1
31018 5	5.5	100	160	10+1
31019 2	6	50	110	10+1
31020 8	6	100	160	10+1
31021 5	6	150	210	10+1
31022 2	7	100	160	10+1
31023 9	8	50	110	10+1

2018 **BIONIC PRO SDS-plus** HAMMER DRILL BIT

Art. 4010159	mm	mm	mm	mm
31024 6	8	100	160	10+1
31025 3	8	150	210	10+1
31026 0	8	200	260	10+1
31027 7	10	100	160	10+1
31028 4	10	150	210	10+1
31029 1	10	200	260	10+1
31030 7	12	100	160	10+1
31031 4	12	150	210	10+1
31032 1	12	200	260	10+1
31033 8	14	150	210	10+1
31034 5	16	150	210	10+1

ANSI RANGE / IMPERIAL SIZES

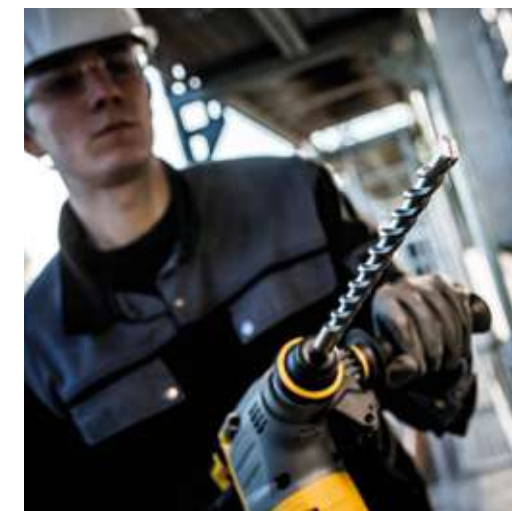
Art. 4010159	mm	mm	mm	mm
28057	5/32"	2"	4 1/4"	1
28058	5/32"	4"	6 1/4"	1
22474	3/16"	2"	4 1/4"	1
22475	3/16"	4"	6 1/4"	1
22481	1/4"	2"	4 1/4"	1
22482	1/4"	4"	6 1/4"	1
22483	1/4"	5 7/8"	8 1/4"	1
17064	3/8"	4"	6 1/4"	1
22490	3/8"	9 3/4"	12 1/4"	1
22494	1/2"	4"	6 1/4"	1
22495	1/2"	7 7/8"	10 1/4"	1
22497	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

Art. 4010159	mm	mm	mm	mm
19455 6	6	50	110	50
19456 3	6	100	160	50
26008 4	6	150	210	50
19457 0	8	100	160	50
25169 3	8	150	210	50
19458 7	10	100	160	50
26009 1	10	150	210	50
25171 6	12	100	160	50
26010 7	12	150	210	50

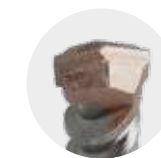


2017 **PREFIX SDS-plus** HAMMER DRILL BITS





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

Art. 4010159	mm	mm	mm	mm
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

Art. 4010159	mm	mm	mm	mm
26847 9	20	250	300	1
26848 6	20	400	450	1
26849 3	22	400	450	1
26850 9	25	400	450	1

SET



Art. 4010159	mm	heller
26594 2	Ø 5/6/6/8/8/10/12	7

MULTIPACK

Art. 4010159	mm	mm	mm	mm
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
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



2318 REBAR BREAKER SDS-plus REINFORCEMENT DRILL BITS

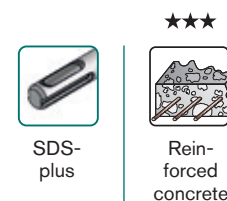
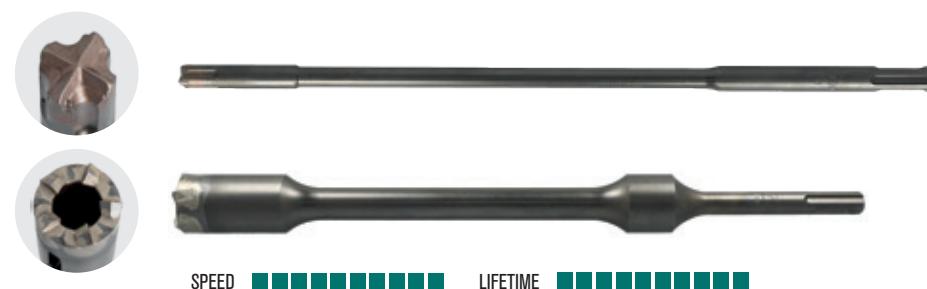
The ultimate opponent for reinforcements - particularly efficient thanks to hammer action.

- ✓ Maximum productivity when drilling in reinforcement steel
- ✓ Up to 6x longer service life
- ✓ Particularly robust with optimised power transfer due to manufacture from a single piece of steel
- ✓ Consistently high cutting speed over the entire service life
- ✓ Extremely long service life thanks to specially developed carbide
- ✓ One-piece carbide up to 14 mm with four cutting edges prevents jamming on reinforcements

Art. 4010159	mm	mm	mm	mm
29902 2*	12	250	300	1
29903 9*	14	250	300	1
29904 6	16	250	300	1
29905 3	18	250	300	1
29906 0	20	250	300	1
29907 7	22	250	300	1
29908 4	25	250	300	1
29909 1	28	250	300	1
29910 7	30	250	300	1
29911 4	32	250	300	1
29912 1	35	250	300	1

* one piece carbide

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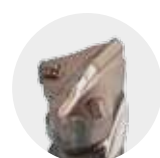


2625/2125 ENDURO SDS-max HAMMER DRILL BITS

Our best SDS-max hammer drill. Powerful, fast & durable. Take the fight to concrete and reinforcements!



- ✓ With recessed carbide tip for **extreme resilience in reinforcement steel and powerful drilling progress**
- ✓ **Maximum effectiveness and speed** thanks to the stable tips plus optimised helix design
- ✓ **Best possible drill dust transport** without risk of infflagration 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** and avoids spalling even after drilling many holes



SDS-max	Reinforced concrete	Concrete	Sand lime brick	Brick	Masonry	Natural stone	Marble

	Art. 4010159	mm	mm	mm	mm
2625 Trijet	28178 2	12	200	340	1
	28179 9	12	400	540	1
	28180 5	12	600	740	1
	28181 2	13	200	340	1
	28182 9	13	400	540	1
	28183 6	14	200	340	1
	28184 3	14	400	540	1
	28185 0	14	600	740	1
	28186 7	15	200	340	1
	28187 4	15	400	540	1
	28188 1	16	200	340	1
	28189 8	16	400	540	1
	28190 4	16	600	740	1
	28191 1	16	800	940	1
	28192 8	16	1200	1340	1
	22363 8	18	200	340	1
	22364 5	18	400	540	1
	28193 5	18	600	740	1
22535 9	18	800	940	1	
23111 4	19	200	320	1	
23112 1	19	400	520	1	
22365 2	20	200	320	1	
22366 9	20	400	520	1	
28194 2	20	600	720	1	
22367 6	20	800	920	1	
22368 3	22	200	320	1	
22369 0	22	400	520	1	
28195 9	22	600	720	1	
22370 6	22	800	920	1	
23399 6	22	1200	1320	1	
22371 3	24	200	320	1	
22372 0	24	400	520	1	
22373 7	25	200	320	1	
22374 4	25	400	520	1	
28196 6	25	600	720	1	
22375 1	25	800	920	1	
22376 8	25	1200	1320	1	
23113 8	26	200	320	1	
23114 5	26	400	520	1	
22377 5	28	200	320	1	
22378 2	28	400	520	1	
22379 9	28	600	720	1	
28197 3	28	800	920	1	

	Art. 4010159	mm	mm	mm	mm
2125 Y-Cutter	22380 5	30	200	320	1
	22381 2	30	400	520	1
	28198 0	30	600	720	1
	22382 9	32	200	320	1
	22383 6	32	400	520	1
	28199 7	32	600	720	1
	22384 3	32	800	920	1
	22385 0	32	1200	1320	1
	22386 7	35	200	320	1
	22387 4	35	400	520	1
	22388 1	35	600	720	1
	22389 8	38	200	320	1
	22390 4	38	400	520	1
	28200 0	38	600	720	1
	22391 1	40	200	320	1
	22392 8	40	400	520	1
	28201 7	40	600	720	1
	22393 5	40	800	920	1
22394 2	40	1200	1320	1	
23343 9	45	400	520	1	
23344 6	50	400	520	1	

SETS



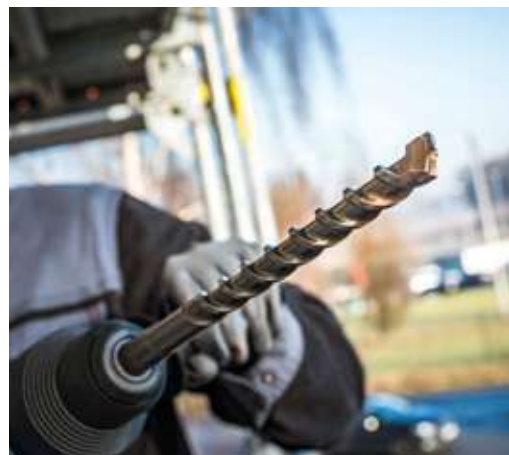
Art. 4010159	mm	mm	mm
2625 Trijet			
28202 4	Ø 12 / 14 / 16		3
2125 Y-Cutter			
28205 5	Ø 20 / 22 / 25		3
27908 6	Ø 20 / 28 / 35		3
22470 3	Ø 25 / 30 / 35		3

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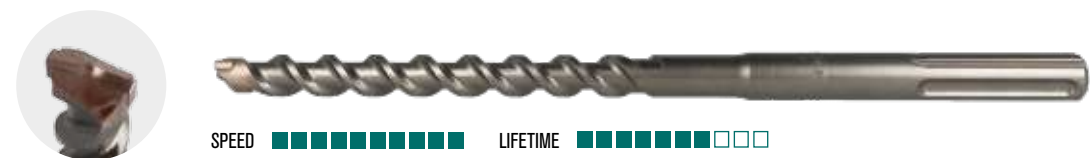
2725 SPEED2MAX SDS-max HAMMER DRILL BITS

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

Art. 4010159	mm	mm	mm	
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



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



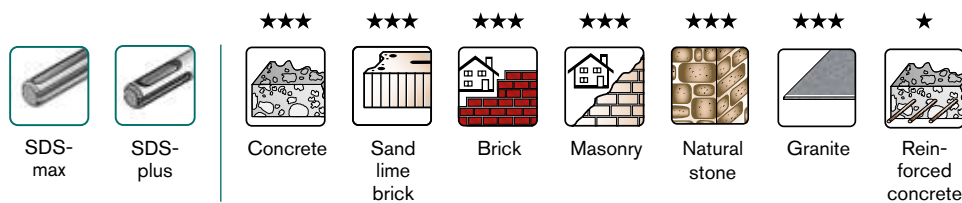
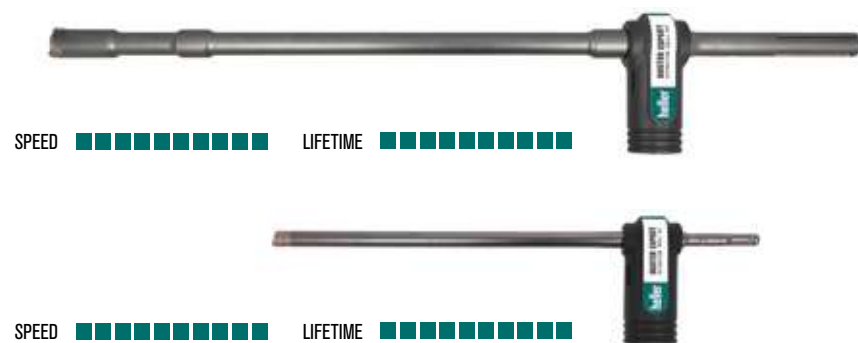
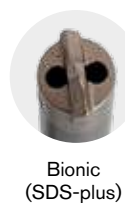
1818/1825/1525 DUSTER EXPERT SDS-max/plus EXTRACTION DRILL BITS

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



- ✓ 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

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1818 DUSTER EXPERT SDS-plus

	Art. 4010159	mm	mm	mm	
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	

1818 DUSTER EXPERT SET SDS-plus




Art. 4010159	mm	mm	mm	
29730 1	6, 8, 10	100	220	4

1825/1525 DUSTER EXPERT SDS-max

	Art. 4010159	mm	mm	mm	
Bionic	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
Y-Cutter	28629 9	35	400	600	1
	29095 1	40	400	600	1

1526 ADAPTER




Art. 4010159		
29725 7	SDS-plus 6 - 10 mm	1
28904 7	SDS-plus 12 - 24 mm	1
28905 4	SDS-max	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



Art. 4010159		
28619 0	up to Ø 42 mm	1



1812 DUSTER EXPERT XC SDS-plus CORE DRILL

The innovative 2-in-1 drill bit with exchangeable attachments.

- ✓ Combines drilling and extraction in a single step
- ✓ Removes 98% of drilling dust where it originates at the drill tip
- ✓ Toolless replacement of the drill tips ensures fast and cost-efficient drilling diameter changes
- ✓ Fast working speeds thanks to internal dust extraction
- ✓ Ideal for chemical anchors and interior work
- ✓ Complies with all dust emission and avoidance standards
- ✓ Saves annoying cleaning of the surroundings
- ✓ Fast, practical and efficient work

Art. 4010159	mm	mm	mm	mm
29884 1	6	100	160	1
29885 8	8	100	160	1
29886 5	10	100	160	1
29887 2	12	100	160	1
29888 9	14	100	160	1
29889 6	16	100	160	1
29890 2*	Adapter		160	1



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SDS-max	★ Reinforced concrete	★★★ Concrete	★★★ Masonry	★★★ Natural stone

2425 STONEBREAKER SDS-max TUNNEL BITS

Premium - milling cutter for professionals.



Art. 4010159	mm	mm	mm	mm
29753 0	45	440	550	1
29754 7	45	1005	1125	1
29755 4	55	440	550	1
29756 1	55	1005	1125	1
29757 8	68	440	550	1
29758 5	68	1005	1125	1
29759 2	80	440	550	1
29760 8	80	1005	1125	1

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

Compatible with 2270 RATIO Adapter SDS-max on page 37.



SDS-max	★★★ Concrete	★★★ Masonry	★★ Natural stone





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

Art. 4010159	mm	mm	mm	mm
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



2207 CENTRE DRILL

for SuperQuick core drill

Art. 4010159	mm	mm	mm	mm
24542 5	12	77	128	1

SPEED LIFETIME

 SDS-max	★★★ Concrete	★★★ Sand lime brick	★★★ Brick	★★★ Masonry	★★ Natural Stone
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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

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

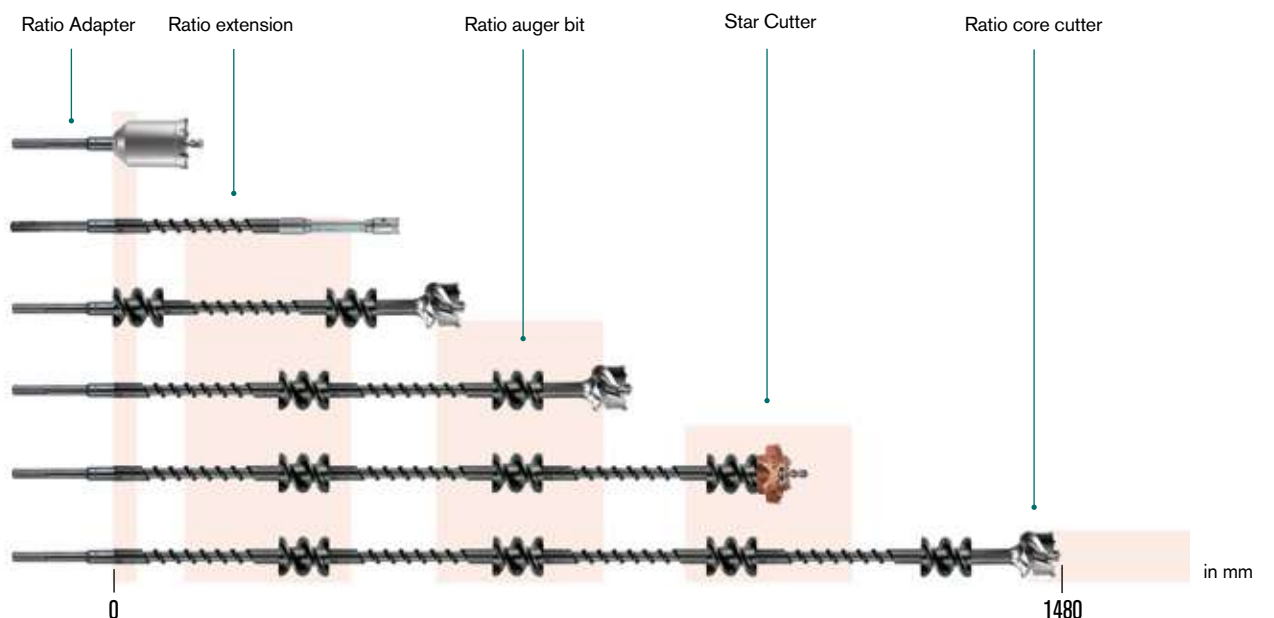
The Ratio system has been used to create tool lengths of up to 1,480 mm – and with excellent results. The hole diameters are between 12 and 150 mm and underline the wide bandwidth of possible applications for the system. Note: Observe details on the drill bit's areas of application.

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.

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

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-

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

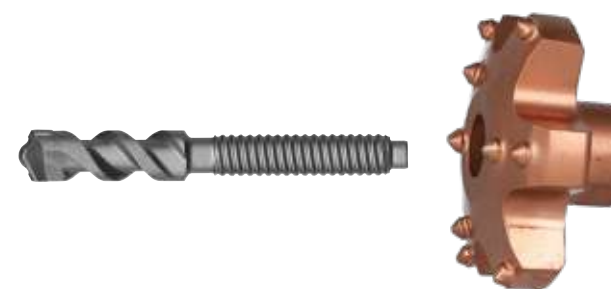





2411 STARCUTTER RATIO DRILL HEAD

Brickwork drilled through quickly - flexible in depth and diameter.

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



SPEED LIFETIME

	***	*	***	***	***
RATIO	Concrete	Reinforced concrete	Sand lime brick	Brick	Masonry

Art. 4010159-	mm	mm	mm	mm
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

2208 PILOT BITS

Art. 4010159-	mm	mm	mm	mm
19945 2	18	50	125	1
19946 9	18	100	175	1

2260 RATIO ADAPTER FOR HAMMER DRILL BITS

Art. 4010159-	mm	mm	mm
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



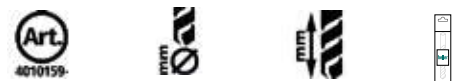
SPEED LIFETIME

	*** 	*** 	*** 	*** 
RATIO	Concrete	Sand lime brick	Brick	Masonry



23390 3	40	80	105	1
23391 0	50	80	105	1
23392 7	65	80	105	1
23393 4	68	80	105	1
23394 1	80	80	105	1
23395 8	90	80	105	1
23396 5	100	80	105	1
23397 2	125	80	105	1
23400 9	150	80	105	1

2206 PILOT BITS



10230 8	12	155	1
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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
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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



28920 7	45	75	150	1
28921 4	50	75	150	1
28922 1	55	75	150	1
28923 8	60	75	150	1
28924 5	68	75	150	1
28925 2	80	75	150	1



SPEED LIFETIME

	*** 	** 	*** 	*** 	*** 
RATIO	Concrete	Reinforced concrete	Sand lime brick	Masonry	Brick

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

2412 RATIO FLUTE BODY



	Ø mm				
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

2281 RATIO EXTENSION



10231 5	25	280	320	1
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2129 RATIO THREADED BOLT



10232 2	-	-	63	1
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2025 SDS-plus COUPLING FOR SDS-max SHANK



21759 0	-	-	-	1
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2131 THREAD GREASE



19947 6	-	-	-	1
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1118/1125

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 lives 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. 4010159	Chisel Type	Width (mm)	Length (mm)	Weight (kg)
28542 1	Pointed chisel	14	250	1
28543 8	Flat chisel	20	250	1
28544 5	Spade chisel	44	250	1

SETS

Art. 4010159	Set Description	Length (mm)	Weight (kg)
28814 9	SDS-plus set Pointed / flat / spade chisel	250	3

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

Enduro chisel and standard chisel compared:

Before use: Enduro Standard

After 10 hours: Enduro Standard

SPEED LIFETIME

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

1118 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

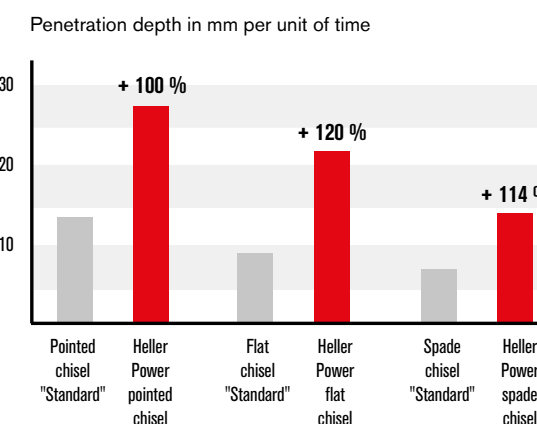
Art. 4010159	Chisel Type	Width (mm)	Length (mm)	Weight (kg)
26279 8	Pointed chisel	-	140	1
26280 4	Flat chisel	22	140	1
26281 1	Spade chisel	30	140	1

MIXED SET DRILL BITS & CHISELS

26288 0	Bionic (Ø 6/8 x 100/160 mm) MeiBel (140 mm)
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SPEED LIFETIME

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



1118 SDS-plus CHISELS

Create through-holes easily, even in difficult areas.

Art. 4010159	Icon	Length	Width	Weight	Count
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

Art. 4010159	Icon	Length	Width	Weight	Count
23772 7	Pointed / Flat / Spade chisel	-	250	3	
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	



SDS-plus
 Concrete
 Sand lime brick
 Masonry
 Brick

1225 ENDURO SDS-max CHISELS

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

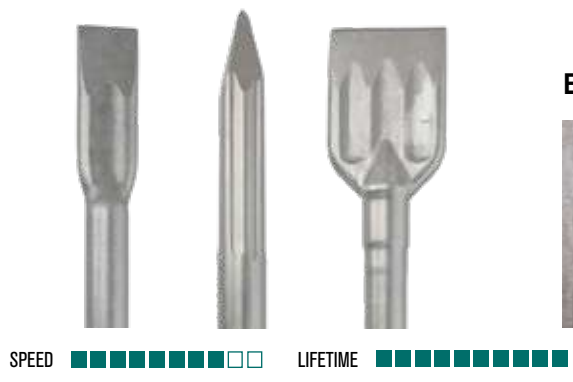
- ✓ Longer service life thanks to innovative chisel blade design and longer blade length
- ✓ Reduced profile wear over the entire service life
- ✓ Reduces work time thanks to ideal tip design
- ✓ Increases comfort by reducing vibrations
- ✓ Maximum ruggedness with wear resistant material quality

Art. 4010159	Icon	Length	Width	Weight	Count
28545 2	Pointed chisel	18	350	1	
28546 9	Flat chisel	25	350	1	
28547 6	Spade chisel	50	350	1	

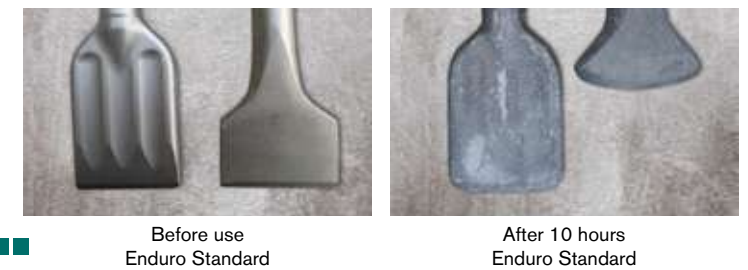
SET

Art. 4010159	Icon	Length	Weight	Count
28815 6	Set SDS-max	350	3	

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



Enduro chisel and standard chisel compared:



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



1125 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 powerful 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

Art. 4010159	Icon	Length	Width	Weight
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

Art. 4010159	Icon	Length	Width	Weight
23765 9	Pointed/Flat/Spade chisel	-	400	3
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.



CONCRETE & MASONRY DRILL BITS / DIAMOND TOOLS

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		
	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	Diamond Blade Ceramic Performance	Diamond Blade Universal Performance	Diamond Blade Universal	One for all	TurboTile Tile and ceramics hole saw	Turbo Tile Tile and ceramics drill bits	Cera Expert Highspeed/Accuspeed
Page	48	50	52	54	57	58	59	60	61	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.



- ✓ **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**

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



SPEED LIFETIME

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

Art. 4010159	mm	mm	mm	mm
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

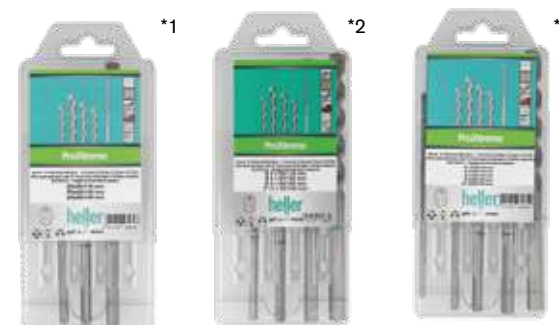
MIXED SET



Art. 4010159	mm	mm	mm	mm
28813 2	Cera Expert Ø 6/8	ProXtreme Ø 6/8		4

PROXTREME CASSETTES

Art. 4010159	mm	mm	mm
*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)



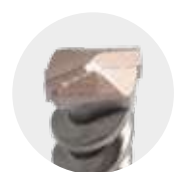
Art. 4010159	mm	mm	mm	mm
28816 3	Cera Expert Highspeed Ø 6/8/10	ProXtreme Ø 6/8/10	-	-
				6









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

					
CYL	Concrete	Aerated & porous concrete	Sand lime brick	Brick	Masonry

Art. 4010159	mm	mm	mm	mm
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. 4010159	mm	heller
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 4/5/6/6/8/10/12	7



MULTIPACK

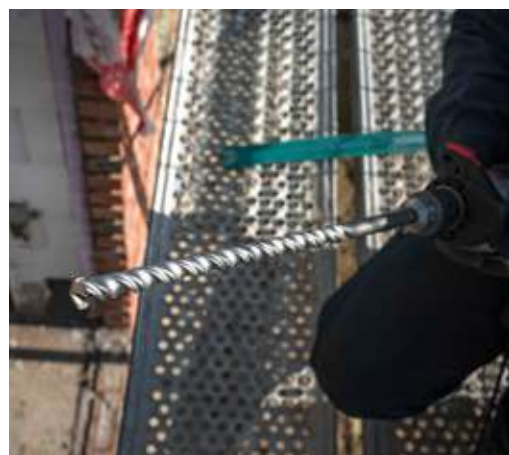
Art. 4010159	mm	mm	mm	heller
19475 4	5	50	95	10
19476 1	6	60	100	10
19477 8	8	80	120	10



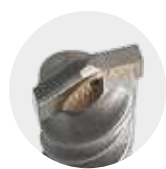


3015 PROSTONE MASONRY DRILL BITS

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

Art. 4010159	mm	mm	mm	mm
18017 7	4	45	75	1
24608 8	4	110	150	1
24609 5	4,5	110	150	1
18018 4	5	45	95	1
18019 1	5	110	150	1
19279 8	5,5	50	95	1
19281 1	5,5	110	150	1
18020 7	6	60	100	1
18021 4	6	110	150	1
18022 1	6,5	60	100	1
18023 8	6,5	110	150	1
18024 5	7	60	100	1
19282 8	7	110	150	1
24611 8	7	275	400	1
18025 2	8	80	120	1
24612 5	8	110	150	1
18026 9	8	135	200	1
24615 6	9	80	120	1
18027 6	10	80	120	1
24616 3	10	110	150	1
18028 3	10	135	200	1
24618 7	10	400	600	1
18029 0	12	90	150	1
18030 6	12	150	220	1
18031 3	13	90	150	1
18032 0	14	90	150	1
24622 4	14	275	400	1
24623 1	14	500	600	1
24624 8	15	90	150	1
18033 7	16	90	150	1
24625 5	16	150	200	1
24626 2	16	275	400	1
24627 9	16	500	600	1
18034 4	18	100	160	1
24628 6	18	275	400	1
24629 3	18	500	600	1
18035 1	20	100	160	1
24631 6	20	500	600	1

SETS

	Art. 4010159	mm	heller
*1	17744 3	Ø 5/6/8/10	4
*2	17745 0	Ø 4/5/6/8/10	5
*3	18037 5	Ø 4/5/6/6/8/10/12	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

Art. 4010159	mm	mm	mm	mm	mm	mm
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. 4010159	mm	mm	mm	mm
18951 4	9	-	120	1

3270/18 DRIVE ADAPTER SDS-plus

Art. 4010159	mm	mm	mm	mm
18954 5	-	-	110	1
18955 2	-	-	300	1
25092 4	-	-	415	1

3270 HEXAGONAL DRIVE ADAPTER

Art. 4010159	mm	mm	mm
18952 1	-	100	1

3215 HEXAGONAL CORE BITS, SETS OF DRILL BITS FOR SOCKET OUTLETS

Art. 4010159	mm	mm	mm	mm
18959 0	50	50	120	3
23341 5	68	50	120	3
18841 8	80	50	120	3

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

Art. 4010159	mm	mm	mm	mm
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. 4010159	mm	mm
17741 2	3 x Ø 5/6/8	9

3090/09 UNIVERSAL CASSETTE HSS & STONE

Art. 4010159	mm	mm
17742 9	Ø 3/4/4/5/5/6/6/8/8	9

TECHNICAL DETAILS DIAMOND TOOLS

QUALITY FEATURES

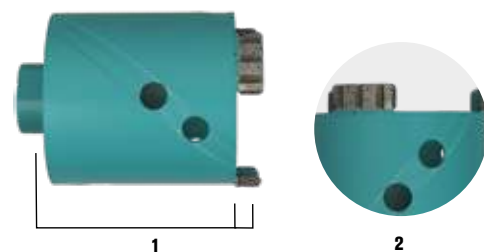
Besides carbide tools, **diamond tools** have established themselves on the market for processing very hard materials. Diamond products are the ideal tool for extremely accurate, fast and low-vibration applications in many materials as well as for cutting and large diameter drilling.

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 manufacturer 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 times 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 1 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

24552 4	68	65	90	3	1
24553 1	82	65	90	4	1

PILOT BITS

28781 4	8	-	130	1

3270/18 DRIVE ADAPTER

18954 5	SDS-plus	-	110	1
18952 1	hexagonal	100		1

SPEED LIFETIME

M16	Aerated & porous concrete	Sand lime brick	Brick	Masonry	Concrete	Natural Stone	Marble



3290 DIAMOND DRILL BIT FOR SOCKET OUTLETS

Entry-level - quality drill bit for socket outlets.

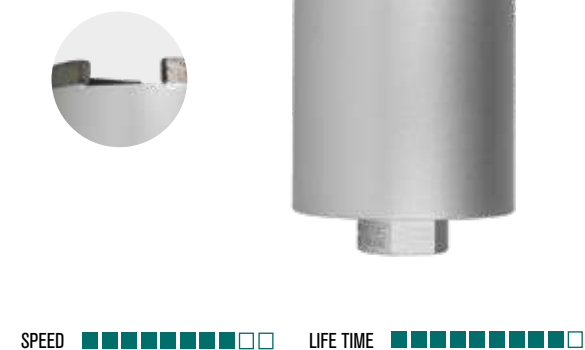
- ✓ Diamond drill bit for socket outlets for installation work
- ✓ Reliable segment connection
- ✓ Faster progress
- ✓ Universally deployable

Art. 4010159	mm	mm	mm		
27217 9	68	65	95	4	1
27219 3	82	65	95	5	1

3270/18 DRIVE ADAPTER

Art. 4010159			mm	mm	
18954 5	SDS-plus	-	110	1	
18952 1	hexagonal	100	100	1	

Art. 4010159	mm		mm	
28781 4	8	-	130	1



M16	Aerated & porous concrete	Natural stone	Sand lime brick	Masonry	Brick
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3875 DIAMOND BLADES CERAMIC PERFORMANCE

High-performance cutting disc for stoneware and ceramics.

- ✓ Clean, fast cuts with a finely structured relief turbo cutting edge (for Ø115 + 125 mm)
- ✓ Slip-free assembly
- ✓ Extra-thin cutting disc for stoneware and other hard tiles
- ✓ Reinforced flange for smooth action and less noise
- ✓ For angle grinders and tile cutting benches
- ✓ Also available with X-Lock collet

Art. 4010159	mm	mm		
29913 8	115	22,23	10	1
29914 5	125	22,23	10	1
29915 2	125	X-Lock	10	1
29916 9	180	30/25,4	7	1
29917 6	200	30/25,4	7	1
29918 3	230	22,23	7	1
29919 0	300	25,4	7	1
29921 3	350	25,4	7	1

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Roofing tiles	Hard fired tiles	Wall tiles
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3870 DIAMOND BLADES

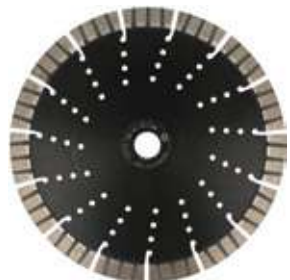
UNIVERSAL PERFORMANCE

Universal high-performance cutting disc.

- ✓ For fast and clean cutting, even of the toughest reinforced concrete
- ✓ Laser-welded special groove segments for lower heat development
- ✓ Suitable for dry and wet cutting
- ✓ Perforated blade for less vibration and optimised cooling
- ✓ Suitable for angle grinders and cut-off machines
- ✓ Also available with X-Lock collet

Art. 4010159	Ø	Segment	Collet	Box
29923 7	115	22,23	13	1
29924 4	125	22,23	13	1
29925 1	125	X-Lock	13	1
29926 8	150	22,23	13	1
29927 5	230	22,23	13	1
29928 2	230	22,23	17	1
29929 9	300	20	13	1
29930 5	300	25,4	13	1
29931 2	350	20	13	1
29932 9	350	25,4	13	1
29933 6	400	20	13	1
29934 3	400	25,4	13	1

HELLER-TV TUTORIALS
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SPEED LIFETIME

★★★ Reinf. Concrete	★★★ Concrete	★★★ Masonry	★★★ Sand lime brick	★★★ Brick
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3876/3879 DIAMOND BLADES

UNIVERSAL

Universal cutting disc for concrete, masonry and other materials.

- ✓ Laser-welded segments for a long service life
- ✓ Solid core for low-vibration work
- ✓ Also available with X-Lock collet

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

Art. 4010159	Ø	Segment	Collet	Box
29935 0	115	22,23	10	1
29936 7	125	22,23	10	1
29937 4	125	22,23	10	1
29938 1	230	22,23	10	1



SPEED LIFETIME

★★★ Concrete	★★★ Masonry	★★★ Sand lime brick
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ROOFTILE

Turbo cutting disc with close cutting edge.

- ✓ Closed turbo cutting disc for universal use
- ✓ Cuts concrete, roof tiles and masonry
- ✓ Suitable for wet and dry cutting

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

Art. 4010159	Ø	Segment	Collet	Box
29939 8	115	22,23	10	1
29940 4	125	22,23	10	1
29941 1	230	22,23	10	1



SPEED LIFETIME

★★★ Concrete	★★★ Sand lime brick	★★★ Roofing tiles
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3877/3872 DIAMOND BLADES

CERAMIC

All-round disc for tiles and ceramics.

- ✓ Close cutting edge for clean cuts
- ✓ 7 mm segment height for a long service life
- ✓ Suitable for angle grinders and tile cutting benches

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

Art. 4010159	115	22,23	7	1
29942 8	115	22,23	7	1
29943 5	125	22,23	7	1
29944 2	180	30/25,4	7	1
29945 9	200	30/25,4	7	1



SPEED LIFETIME

- ★★★ Wall tiles
- ★★★ Hard fired tiles

CONCRETE

Sintered turbo segment cutting disc for concrete and masonry.

- ✓ Entry-level cutting disc with professional quality
- ✓ Excellent cooling due to reverse-tilt segment slots
- ✓ For use with angle grinders and masonry slitters

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

Art. 4010159	115	22,23	10	1
29946 6	115	22,23	10	1
29947 3	125	22,23	10	1
29948 0	150	22,23	10	1
29949 7	230	22,23	10	1



SPEED LIFETIME

- ★★★ Concrete
- ★★★ Masonry
- ★★★ Sand lime brick

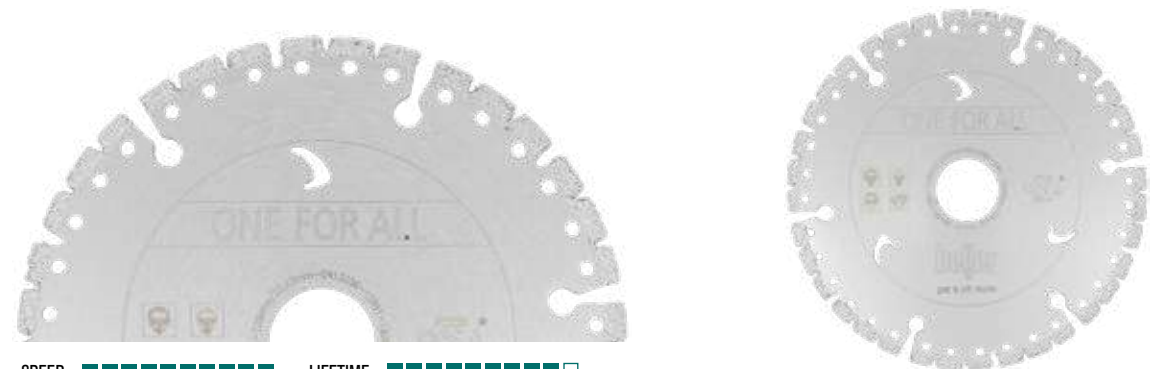
3873 ONE FOR ALL UNIVERSAL

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

- ✓ **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**

Art. 4010159	125	22,23	1
28679 4	125	22,23	1
28680 0	230	22,23	1

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



SPEED LIFETIME

- ★★ Reinforced concrete
- ★★★ Concrete
- ★★★ Sand lime brick
- ★★★ Nirosa steel
- ★★ Brick
- ★★★ Aerated & porous concrete
- ★★ Steel
- ★ Soft wood



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. 4010159	mm	mm	mm	mm
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



SETS

Art. 4010159	mm	heller
26232 3	Ø 6/8/10	3
26230 9	Ø 5/6/8/10	4
26231 6	Ø 5/6/7/8	4

CYL	★★★ Marble	★★★ Wall tiles	★★ Hard fired tiles	★★★ Granite	★★ Roofing tiles	★★ Plate glass	★★ Glass
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3835 TURBOTILE TILE AND CERAMICS HOLE SAW

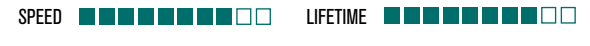
Premium hole saw for precise holes in tiles and ceramics.

- ✓ 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

Art. 4010159	mm	mm	mm	mm
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. 4010159	mm	heller
26531 7 (26526 3, 26528 7, 26530 0)	Ø 68	3

HEX	SDS-plus	★★★ Marble	★★★ Wall tiles	★★ Hard fired tiles	★★★ Granite	★★ Glass	★★ Plate glass
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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 ensured through integrated paraffin emulsion.** Removes the need for additional cooling
- ✓ **Suitable for angle grinders** with M14 shank at high rotational speeds/in drill chuck with hexagon socket
- ✓ **Heller tip:** Work without exerting great pressure for centring and start drilling at one edge

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



M14	HEX	Marble	Wall tiles	Hard fired tiles	Granite	Roofing tiles

CERA EXPERT HIGH SPEED

Art. 4010159	mm	mm	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. 4010159	mm	mm	mm	mm
28816 3	Cera Expert Highspeed Ø 6/8/10 ProXtreme Ø 6/8/10	-	-	6

CERA EXPERT ACCUSPEED

Art. 4010159	mm	mm	mm	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 133.

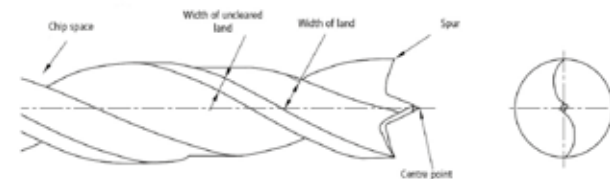
TECHNICAL DETAILS WOOD DRILL BITS

RECOMMENDED APPLICATIONS

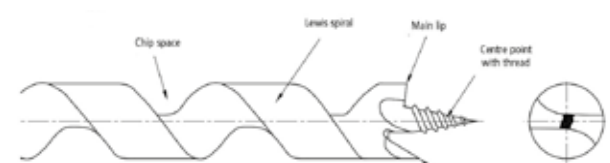
Accurately machined holes are vital when processing construction elements or producing high-quality wood parts. Where visible, they underline the looks of furniture and in the non-visible area holes are paramount for the accuracy of the design. For this reason, special, precisely machined wood drill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

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.

Removing chips during drilling

Pull the tool back through the bore regularly during drilling to

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.

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.

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						
	CYL	CYL	HEX	SDS-plus	SDS-plus	CYL	1/4 HEX	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	Hinge 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

WOOD DRILL BITS

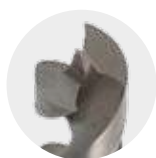


0335 HSS TURBO WOOD DRILL BIT









The professional wood drill bit for the strictest requirements, even in the hardest woods.



- ✓ **Extremely quick progress** and chip removal in all types of wood
Plus lasting precision and reliability in the highest quality woods
- ✓ **HSS steel grade** for the longest service life and stability in many drilling actions
- ✓ **Good chip removal** thanks to large volume helix design
- ✓ **Clean, break-out free holes** thanks to special precision grinding
- ✓ **Precision centring and neat drill holes** thanks to ground centring tips and two shoulder cutters
- ✓ **Self-sinking precision tip**
- ✓ **Also ideal for use in cordless drills**
- ✓ **For all types of wooden materials** from soft wood through to the hardest woods, such as Bangkirai, Australian Jarrah, Lignum Vitea, American Black Walnut, Rosewood, Sycamore, Bongosi, laminated woods
- ✓ **Heller tip:** Apply little pressure while working



SPEED LIFETIME

									
CYL	Beams	Plywood	Soft-wood	Form-work	Chip-board	Lamina-ted chip-board	Veneer wood	Hard-wood	Green-wood

Art. 4010159	��	mm	mm	mm
28560 5	3	33	61	1
28561 2	4	43	75	1
28562 9	5	52	86	1
28563 6	6	57	93	1
28564 3	7	69	109	1
28565 0	8	75	117	1
28567 4	10	87	133	1
28569 8	12	101	151	1
28570 4	14	108	160	1
28571 1	16	120	178	1

SETS

Art. 4010159	��	mm
*1 28817 0	3/4/5/6/8	5
*2 28708 1	3/4/5/6/7/8/9/10/11/12	10





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

Art. 4010159	mm	mm	mm	mm	mm
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

	Art. 4010159	mm	mm
*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





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

1/4" HEX	Beams	Plywood	Soft-wood	Hard-wood	Chip-board	Lamina-ted chip-board	Veneer-wood	Green-wood

Art. 4010159	mm	mm	mm
19053 4	6	152	1
27785 3	6	400	1
19054 1	8	152	1
23377 4	8	400	1
19055 8	10	152	1
23362 0	10	400	1
19056 5	12	152	1
23363 7	12	400	1
21787 3	13	152	1
19057 2	14	152	1
23364 4	14	400	1
19058 9	16	152	1
23365 1	16	400	1
21788 0	17	152	1
19059 6	18	152	1
23366 8	18	400	1
21789 7	19	152	1
19060 2	20	152	1
23367 5	20	400	1
19061 9	22	152	1
23378 1	22	400	1
19062 6	24	152	1
23380 4	24	400	1
19063 3	25	152	1
23381 1	25	400	1
19064 0	28	152	1
19065 7	30	152	1
19066 4	32	152	1
19067 1	35	152	1
22439 0	36	152	1
19068 8	38	152	1
21790 3	40	152	1

SETS



Art. 4010159	mm	heiler
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



Art. 4010159	mm	mm	mm
19070 1	HEX +1	300	1
27945 1	Quick release coupling +2	300	1



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

Art. 4010159	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			



SPEED LIFETIME

									
HEX	Beams	Veneer wood	Soft-wood	Hard-wood	Plywood	Form-work	Green-wood	Chip-board	Lamina-ted chip-board

0398 LEWIS UNIVERSAL AUGER BITS

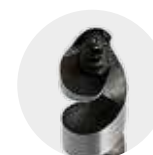
Self-sinking drill bits for all woods.



- ✓ **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

								
HEX	SDS-plus	Beams	Soft-wood	Hard-wood	Plywood	Form-work	Veneer wood	Green-wood

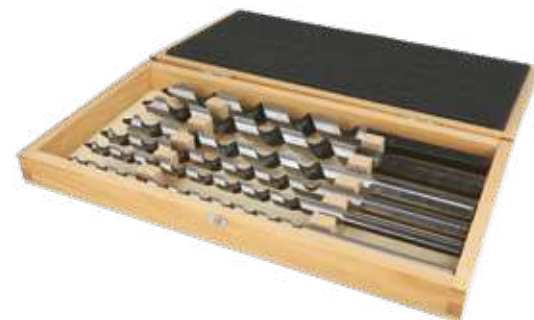
0398 LEWIS UNIVERSAL AUGER DRILL BITS

Art. 4010159	mm	mm	mm	mm
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

Art. 4010159	mm	mm	mm	mm
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

Art. 4010159	mm	mm	mm	mm
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

Art. 4010159	mm	mm	mm	mm
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

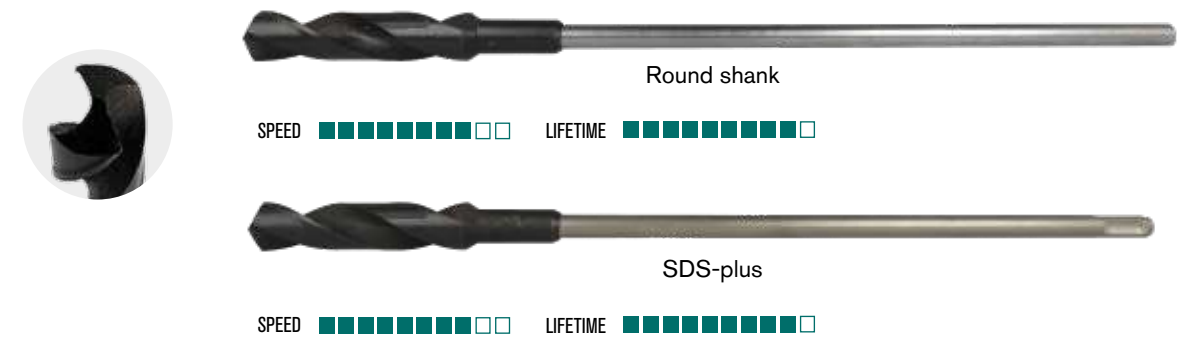


0337/0338 CV FORMWORK DRILL BITS

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



WOOD DRILL BITS

WOOD DRILL BITS

0337 CV FORMWORK DRILL BITS

Art. 4010159	Ø	mm	mm	mm	mm
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

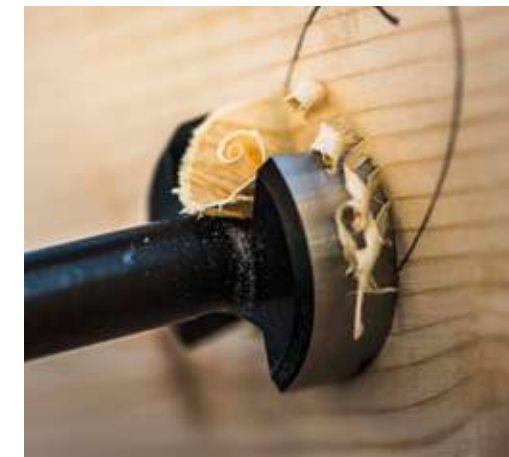
0338 CV SDS-plus FORMWORK DRILL BITS

Art. 4010159	Ø	mm	mm	mm	mm
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

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



SPEED LIFETIME

								
CYL	Soft-wood	Hard-wood	Chip-board	Lamina-ted chip-board	Veneer wood	Beams	Plywood	Green-wood

0394 FORSTNER HIGH SPEED FORSTNER DRILL BITS

Art. 4010159	mm	mm	mm	mm
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)			



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

								
CYL	Softwood	Hardwood	Chipboard	Laminated chipboard	Veneer wood	Beams	Plywood	Greenwood

WOOD DRILL BITS

WOOD DRILL BITS

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

	Art. 4010159	mm Ø	mm L	mm L	mm L	mm L
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

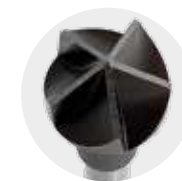
*** CYL
*** Plywood
*** Softwood
*** Hardwood

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

	Art. 4010159	mm Ø	mm L	mm L	mm L	mm L
12009 8		13	80	80	8	1
12010 4		16	90	90	8	1
12011 1		20	100	100	8	1



SPEED LIFETIME

*** CYL
*** Beams
*** Plywood
*** Softwood
*** Hardwood
*** Chipboard
*** Laminated chipboard
*** Veneer wood



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

Art. 4010159-	mm	mm	mm	mm
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



***	***	***	***	***	***	*
Beams	Plywood	Soft-wood	Hard-wood	Chip-board	Laminated chip-board	Veneer wood

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

Art. 4010159-	mm	mm	mm	mm	mm
12086 9	22,0-76,0	125	185	13	1



CYL	***	***	***	***	**
CYL	Soft-wood	Hard-wood	Chip-board	Laminated chip-board	Veneer wood

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.

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.

Guiding the drill

Drilling with a box column drill creates precise holes and a straight progression of the drilling action. Drills with a hand-held 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.

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

Product group	HSS metal drill bits			HSS steel drill bits		HSS special steel drill bits								
	Shank	CYL	CYL	CYL	CYL	CYL	CYL	CYL	CYL	MOR-SE	CYL	CYL	CYL	CYL
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

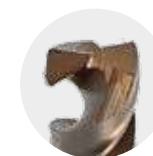
Material suitability
★★★ Recommended
★★ Well suited
★ Suitable

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



SPEED ■■■■■■■■■■ LIFETIME ■■■■■■■■■■

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

METAL 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



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
21337 0	9.6	-	87	133	10
21338 7	9.7	-	87	133	10



21339 4	9.8	-	87	133	10
21340 0	9.9	-	87	133	10
21341 7	10	-	87	133	10
21342 4	10.2	M12	87	133	5
21343 1	10.5	-	87	133	5
21344 8	11	-	94	142	5
21345 5	11.5	-	94	142	5
21346 2	12	M14	101	151	5
21347 9	12.5	-	101	151	5
21348 6	13	-	101	151	5
23848 9	14	M16	108	160	5
23849 6	16	-	120	178	5

MULTIPACK



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

SETS



*1	17735 1	Ø 2/3/4/5/6/8	6
*2	21962 4	Ø 1/1,5/2/2,5/3,,8,5/9/9,5/10	19
*3	21965 5	Ø 1/1,5/2/2,5/3,,12/12,5/13	25
	26602 4	Ø 6/6,1/6,2,,9,8/9,9/10	41
	26604 8	Ø 1/1,1/1,2,,5,7/5,8/5,9	50



METAL DRILL BITS



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

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

Art. 4010159	mm	mm	mm	mm
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

Art. 4010159	mm	mm	mm	mm
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



Art. 4010159	mm	mm	mm
*1	29350 1	Ø 2/3/4/5/6/8	6
*2	29351 8	Ø 2/2,5/3/3,5/...7/7,5/8	13
*3	29352 5	Ø 1/1,5/2/2,5/...9/9,5/10	19
*4	29353 2	Ø 1/1,5/2/2,5/...12/12,5/13	25

MULTIPACK

Art. 4010159	mm	mm	mm	mm
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



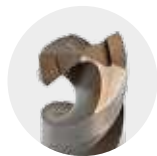
0906 HSS-G TURBO DIN 338 RN METAL DRILL BITS

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**

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



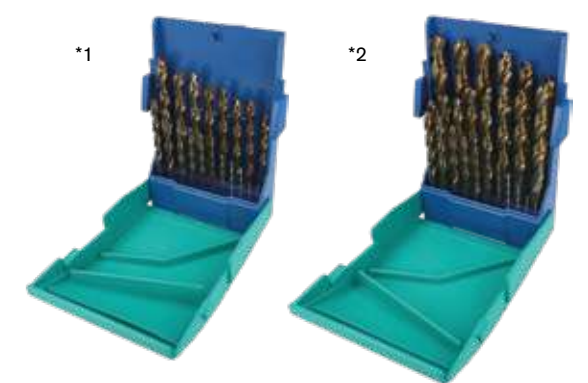
SPEED LIFETIME

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

Art. 4010159	mm	mm	mm	mm
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

Art. 4010159	mm	mm
*1 28706 7	Ø 1-10 mm	19
*2 28707 4	Ø 1-13 mm	25



METAL DRILL BITS

METAL DRILL BITS

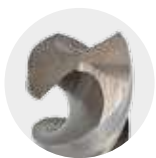


0900 HSS-G SUPER DIN 338 RN STEEL DRILL BITS








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



SPEED LIFETIME

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

Art. 4010159	mm	mm	mm	mm
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

Art. 4010159	mm	mm	mm	mm	mm
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

MULTIPACK

Art. 4010159	mm	mm	mm	mm	mm
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

Art. 4010159	mm		mm	mm	mm
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

Art. 4010159	mm		mm	mm	mm
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

SETS

Art. 4010159		
*1	17731 3	Ø 2/3/4/5/6/8 6
*2	17733 7	Ø 2/2,5/3/3,5,,7/7,5/8 13
*3	21961 7	Ø 1/1,5/2/2,5,,9/9,5/10 19
*4	21964 8	Ø 1/1,5/2/2,5,,12/12,5/13 25

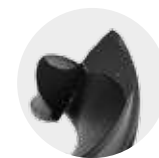


0901 HSS-R DIN 338 RN STEEL DRILL BITS

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



SPEED LIFETIME

CYL	Sheet metal	Non-ferrous metals	Iron	Cast iron	Steel

Art. 4010159	mm		mm	mm	mm
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

MULTIPACK

Art. 4010159	mm		mm	mm	mm
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

Art. 4010159	mm		mm	mm	mm
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

Art. 4010159	mm		mm	mm	mm
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

Art. 4010159	mm		mm	mm	mm
18550 9	12.5	-	101	151	5
18552 3	13	-	101	151	5
18554 7	13.5	-	108	160	5
18556 1	14	M16	108	160	5
18558 5	14.5	-	114	169	5
18560 8	15	-	114	169	5
18562 2	15.5	M18	120	178	5
18564 6	16	-	120	178	5

SETS

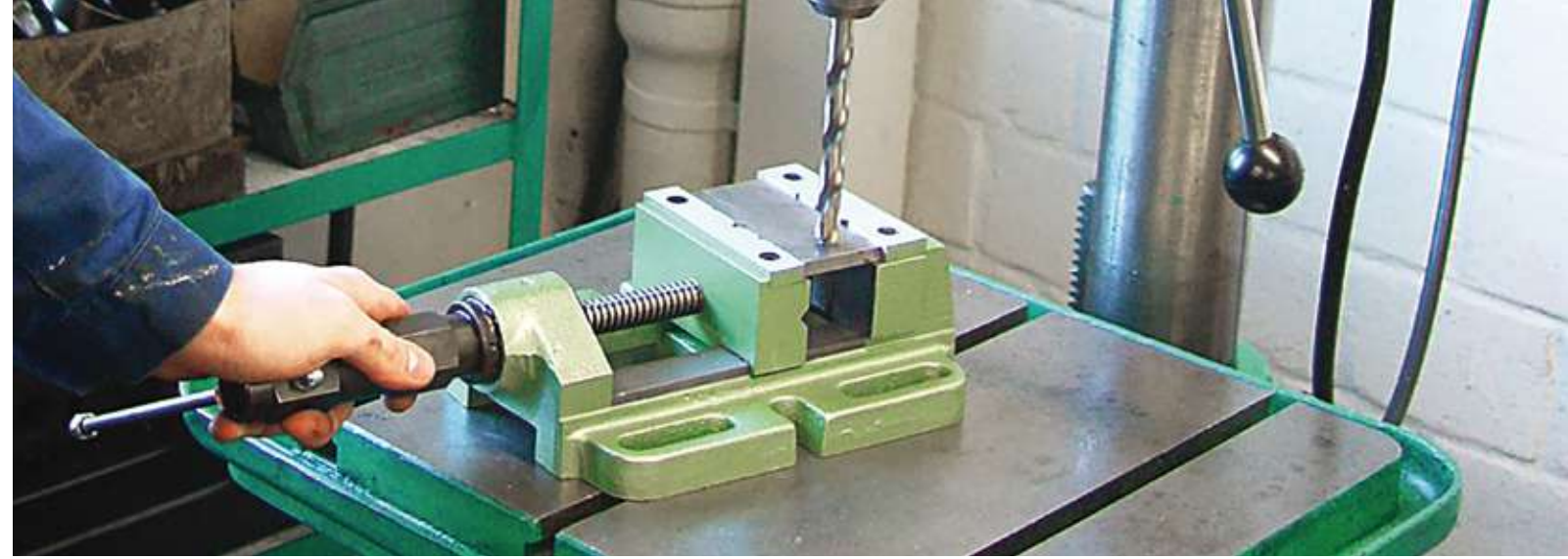
Art. 4010159	mm	mm	mm
*1	17732 0	Ø 2/3/4/5/6/8	6
*2	17734 4	Ø 2/2,5/3/3,5,,,7/7,5/8	13
*3	17737 5	Ø 1/1,5/2/2,5/3,,,9/9,5/10	19
*4	18371 0	Ø 1/1,5/2/2,5/3,,,12/12,5/13	25



901/44 MULTIPACK
STEEL DRILL BITS
DIMENSIONS IN INCHES



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

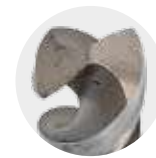


0903 HSS-G SUPER DIN 340
STEEL DRILL BITS LONG

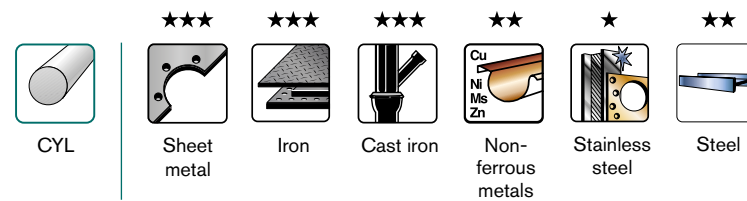
Extra long high-quality drill bit for alloyed and unalloyed steels.



- ✓ 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



METAL DRILL BITS

METAL DRILL BITS

Art. 4010159	mm	mm	mm	mm
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

MULTIPACK

Art. 4010159	mm	mm	mm	mm	mm
22349 2	1.5	45	70	10	10
21379 0	2	56	85	10	10
21380 6	2.5	62	95	10	10
21381 3	3	66	100	10	10
21382 0	3.2	69	106	10	10
21383 7	3.3	69	106	10	10
22352 2	3.4	73	112	10	10
21384 4	3.5	73	112	10	10
22353 9	3.8	78	119	10	10
21385 1	4	78	119	10	10
24510 4	4.1	78	119	10	10
21386 8	4.2	78	119	10	10
21387 5	4.5	82	126	10	10
21388 2	4.8	87	132	10	10
21389 9	5	87	132	10	10
21390 5	5.1	87	132	10	10
24511 1	5.2	87	132	10	10
21391 2	5.5	91	139	10	10
24513 5	5.7	91	139	10	10
24514 2	5.8	91	139	10	10
21392 9	6	91	139	10	10
21393 6	6.5	97	148	10	10
21394 3	6.8	102	156	10	10
21395 0	7	102	156	10	10
21396 7	7.5	102	156	10	10
21397 4	8	109	165	10	10
21398 1	8.5	109	165	10	10
21399 8	9	115	175	10	10
21400 1	9.5	115	175	10	10
21401 8	10	121	184	10	10
24515 9	10.2	121	184	5	5
21402 5	10.5	121	184	5	5
21403 2	11	128	195	5	5
21404 9	11.5	128	195	5	5
21405 6	12	134	205	5	5
21406 3	12.5	134	205	5	5
21407 0	13	134	205	5	5

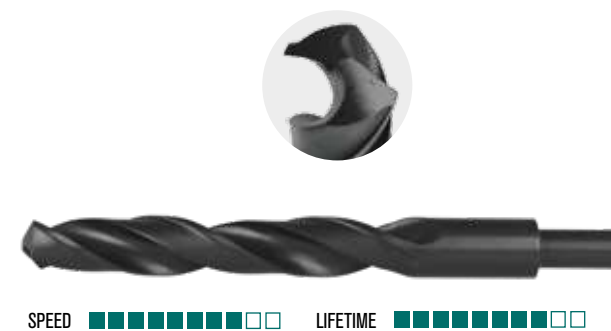


0904 HSS STEEL DRILL BITS WITH REDUCED SHANK

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

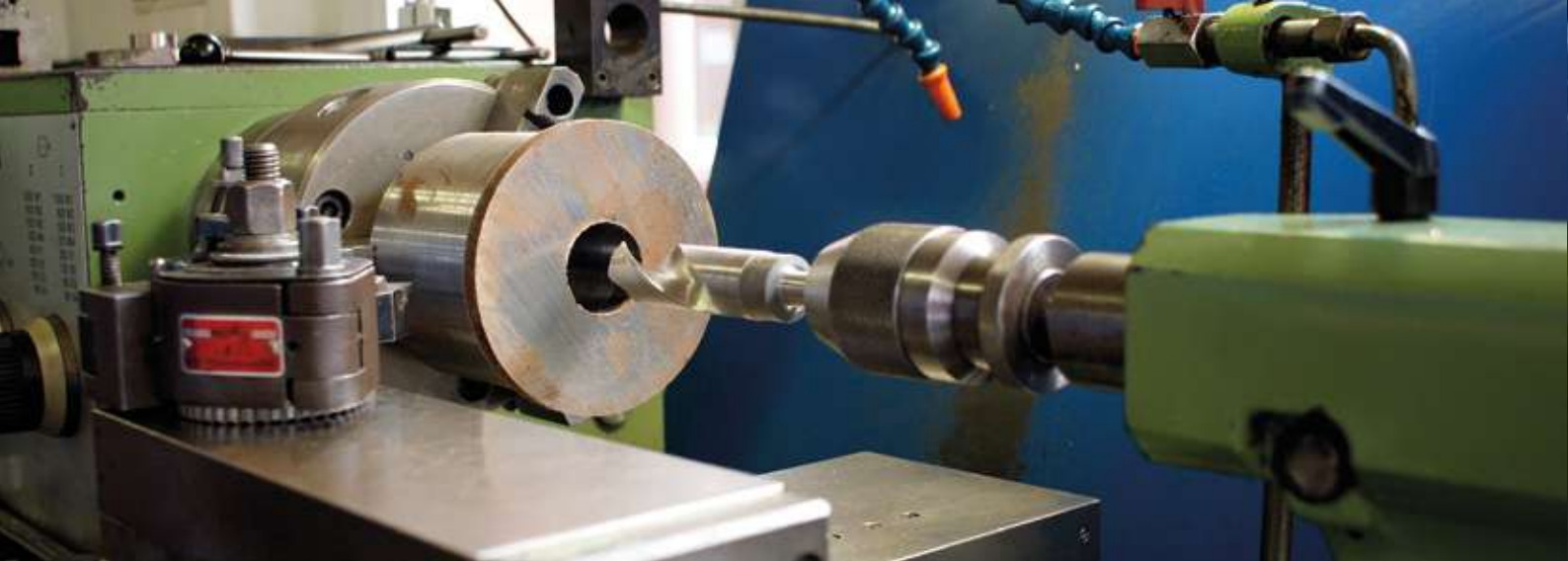
Art. 4010159	mm	mm	mm	mm	mm
21542 8	10	87	133	8	1
21544 2	11	94	142	8	1
21546 6	12	101	151	8	1
21548 0	13	101	151	8	1
21549 7	13.5	108	160	10	1
21550 3	14	108	160	10	1
21551 0	14.5	114	169	10	1
21552 7	15	114	169	10	1
21553 4	15.5	120	178	10	1
21554 1	16	120	178	10	1
21555 8	16.5	125	184	13	1
21556 5	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



CYL
 Sheet metal
 Non-ferrous metals
 Iron
 Cast iron
 Steel

METAL DRILL BITS

METAL DRILL BITS



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

Art. 4010159	Ø	L	Ø	Ø	Ø	Ø
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	



SPEED LIFETIME

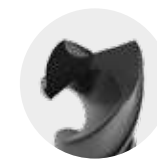
★ ★  Cast iron
★ ★ ★  Sheet metal
★ ★  Non-ferrous metals
★ ★  Iron
★  Steel

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



SPEED LIFETIME

★ ★ ★  Sheet metal
★ ★  Non-ferrous metals
★ ★  Iron
★ ★  Cast iron
★  Steel

METAL DRILL BITS

METAL DRILL BITS

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



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



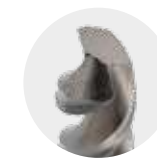
0916 HSS-G SUPER DIN 1869 STEEL DRILL BITS EXTRA LONG

Special HSS helical drill bit for extra deep drill holes.

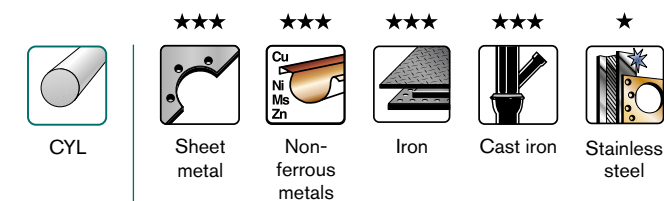
- ✓ **Special helical design** for the drill bit's concentricity and dimensional stability
- ✓ **Rapid chip removal** through parabolic helix
- ✓ **For a variety of metals** up to a strength of 900 N/mm²
- ✓ **Heller tip:** Regular ventilation accelerates the drilling process and extends the service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



METAL DRILL BITS

METAL DRILL BITS



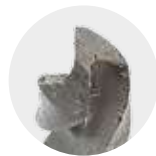
0930 HSS-G SUPER DOUBLE END DRILL BITS

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

MULTIPACK

Art. 4010159	Ø	Length	Flutes	Spindle
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



SPEED LIFETIME

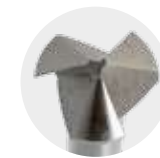
CYL	Sheet metal	Iron	Cast iron	PVC

0922 HSS TAPER AND DEBURRING COUNTER-SINK 90°

Three-edged precision tool in professional quality.

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

Art. 4010159	Ø	Length	Flutes	Spindle
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



SPEED LIFETIME

CYL	Iron	Cast iron	PVC	Non-ferrous metals	Stainless steel

SETS



Art. 4010159	Ø	Length	Flutes	Spindle
22590 8	Ø 6,3/8,3/10,4/12,4/16,5/20,5			6



0923 HSS TRANSVERSE COUNTERSINK 90°

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

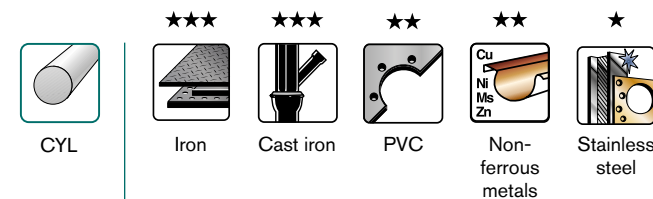
- ✓ High performance quality for professional users
- ✓ Innovative chip removal

Art. 4010159	mm	mm	mm	mm	No.	mm
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

Art. 4010159	mm	No.
22596 0	Ø 2-5/5-10/10-15/15-20	4

SPEED LIFETIME



0924 HSS SHEET METAL CONE BIT

Cuts through sheet metal and plastic quickly and reliably.

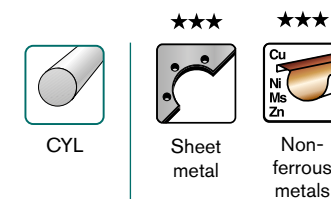
- ✓ Diameter scale integrated into drill bit
- ✓ Taper angle of 20° - 30°
- ✓ Highly flexible in terms of drilling diameters
- ✓ Ideal for all sheet metal work and for drilling in switch cabinet construction

Art. 4010159	mm	mm	mm	mm	No.	mm
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

Art. 4010159	No.	No.
22604 2	No. 1/2/3	3

SPEED LIFETIME



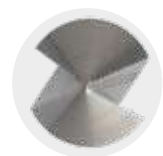


0925 HSS STEP DRILL BIT

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. 4010159	mm	mm	mm	No.	mm	No.
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







SPEED LIFETIME

SETS



Art. 4010159	mm	No.
22611 0	No. 0,9/1/2	3

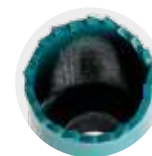
 CYL
 Sheet metal
 Non-ferrous metals
 PVC

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 Variotoothing 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. 4010159	mm	mm	mm	No.
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
 Steel
 Stainless steel

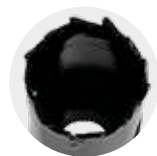


0933 HSS BI-METAL HOLE SAW

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

HEX	SDS-plus	Sheet metal	Beams	Cast iron	Iron	Insulating materials	PVC	Soft-wood



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



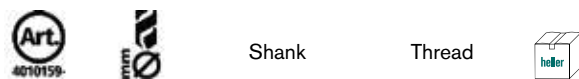
19779 3	68 (pilot bits + hexagon)	3
26159 3	68 (pilot bits + SDSplus)	3
19780 9	83 (pilot bits + hexagon)	3
*1 50101 9	16/20/25/32/40/51	9
*2 50102 6	19/22/29/38/44/57	9
*3 23412 2	12/25/38/48/68/83	11
*4 26015 2	35/40/50/60/68/76/83	10



METAL DRILL BITS

METAL DRILL BITS

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	32-203	hex. 11	5/8" x 18	1
10070 0	14-30	SDS-plus	1/2" x 20	1
10071 7	32-203	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



22614 1	1
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0941 SCRIBING NEEDLE



10319 0	7	145	1
10728 0	8	145	1



TECHNICAL DETAILS UNIVERSAL & SPECIAL-PURPOSE DRILL BITS

RECOMMENDED APPLICATIONS

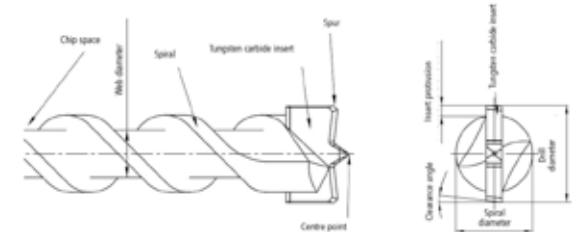
Composite materials as profiles or plates frequently consist of several, combined materials. For this purpose, universal drill bits are ideal to perfectly match the requirements of different materials.

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

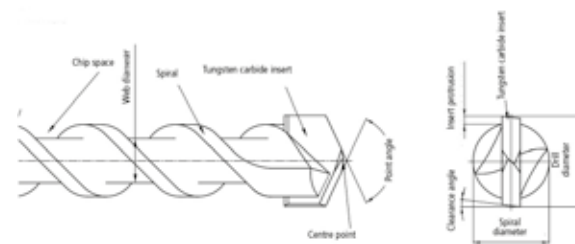
benefit from the matching universal tool suitable for drilling into different materials. These customers must no longer purchase special tools.

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
	CYL/SDS-plus/1/4 HEX	CYL		1/4 HEX	TRI	SDS-plus/HEX/M16
Shank						
Product	AllMat	Allround	Roofile Expert Roofing tile drill	Quickbit Ceramic Master	Cera Expert Stoneware and roofing tile drill	AllMat hole saw
Page	128	126	127	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



NEW

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

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

Art. 4010159-	mm	mm	mm	mm
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

Art. 4010159-	mm	mm
16916 5	Ø 5/6/8/10	4



SPEED LIFETIME



CYL	Aluminium	Insulating materials	PVC	Hardwood	Laminated chip-board	Wall tiles	Aerated & porous concrete

3751 ROOFTILE EXPERT UNIVERSAL DRILL BITS

The professional drill bit for roof tiles and ceramics.



Art. 4010159-	mm	mm	mm	mm
29894 0	4	40	75	1
29895 7	5	50	85	1
29896 4	6	60	100	1
29897 1	8	80	120	1
29898 8	10	80	120	1
29899 5	12	90	150	1
29900 8	14	90	150	1

- ✓ Diamond ground tungsten-titanium carbide tip for processing glazed roof tiles, ceramics and fine stoneware up to a scoring hardness of 9
- ✓ Patented, self-clamping Rotastop shank (up to Ø12 mm) prevents slipping in the drill chuck
- ✓ Spiral drilling body safely transports drill dust out of the borehole even with thicker material
- ✓ Great corrosion protection thanks to bronzed surface
- ✓ Heller Tip: Drill at low speed and apply high pressure

MULTIPACK

Art. 4010159-	mm	mm	mm	mm
30575 4	5	50	85	10+1
30576 1	6	60	100	10+1
30577 8	8	80	120	10+1

ROTA-STOP	Wall tiles	Hard fired tiles	Roofing tiles

SPEED LIFETIME

UNIVERSAL & SPECIAL DRILL BITS

UNIVERSAL & SPECIAL DRILL BITS

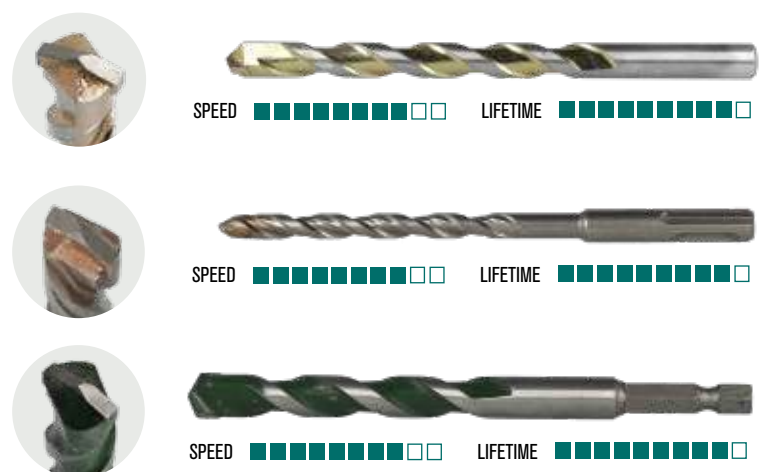


3740/3718/3775 ALLMAT UNIVERSAL DRILL BITS

Ideal universal drill bit for a large variety of materials.



- ✓ For universal deployment in many materials
- ✓ Drilling thanks to diamond ground carbide centring cutting edge also possible on smooth and hard surfaces
- ✓ Time and cost saving due to using a drill bit for various materials and composites
- ✓ Also available with SDS-Plus and 1/4" hexagonal shaft



CYL	SDS-plus	1/4" HEX	★★★★ Aerated & porous concrete	★★★★ Insulating materials	★★★★ Sand lime brick	★★★★ Brick	★★★★ Masonry	★★★★ Natural stone	★★★★ Concrete

3740 ALLMAT CYL

Art. 4010159	mm	mm	mm	mm
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

Art. 4010159	mm	mm
22697 4	Ø 5/6/8/10	4



3718 ALLMAT SDS-PLUS

Art. 4010159	mm	mm	mm	mm
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 ALLMAT QUICKBIT HEX

Art. 4010159	mm	mm	mm	mm
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

Art. 4010159	mm	mm
26284 2	Ø 4/5/6/8/10	5





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

Art. 4010159	Ø	mm	mm	mm	mm
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



Art. 4010159	mm	mm	mm	mm
28469 1	68	-	-	1

SETS



Art. 4010159	mm	mm
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

3770 & 3770/18 ACCESSORIES



Art. 4010159	mm	mm
25958 3	Hex adapter	1
25959 0	SDS-plus adapters	1

PILOT BIT ACCESSORIES



Art. 4010159	mm	mm	mm	mm
25957 6	10	62	100	1

UNIVERSAL & SPECIAL DRILL BITS

UNIVERSAL & SPECIAL DRILL BITS



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

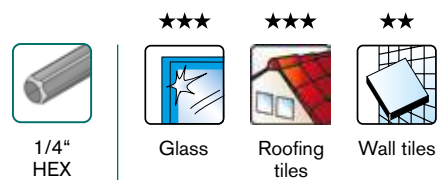
Art. 4010159	mm	mm	mm
50091 3	3	75	1
50092 0	4	75	1
50093 7	5	75	1
50094 4	6	75	1
50095 1	6.5	78	1
26209 5	7	85	1
50096 8	8	85	1
50097 5	10	85	1
50098 2	13	100	1
50099 9	14	100	1

SET

Art. 4010159	mm	heller
24942 3	Ø 4/5/6/8/10	5
29628 1	Ceramic Master Ø 6/6/8/8/10	5



SPEED ■■■■■□□□□ LIFETIME ■■■■■■■■■■



3950 CERA EXPERT STONEWARE & ROOFING TILE DRILL BITS

Ideal for the toughest materials.

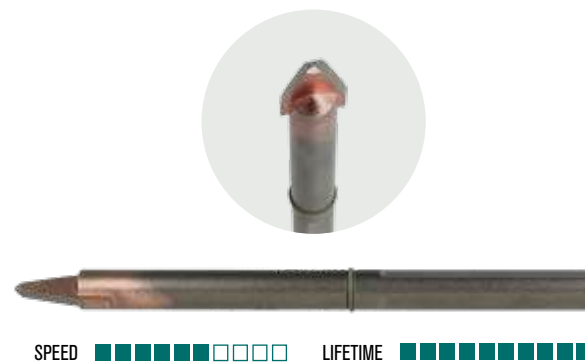
- ✓ Perfect results in the hardest of tiles, roofing tiles and stoneware
- ✓ No cooling required – carbide drill bits suitable for dry use
- ✓ With tri-edge shank as a rotation stop
- ✓ Heller tip: Do not apply an excessive amount of pressure for centring. Only continue applying high levels of pressure 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. 4010159	mm	mm	mm
28674 9	5	120	1
28675 6	6	120	1
28676 3	8	125	1
28677 0	10	125	1

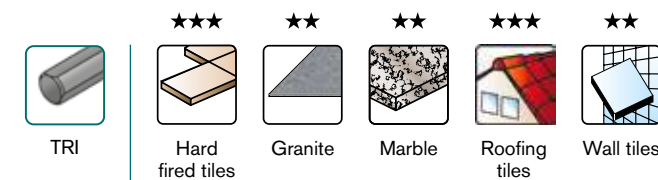
HELLER-TV TUTORIALS
www.hellertools.com/en/heller-tv

MIXED SET CERA EXPERT AND PROXTREME

Art. 4010159	heller
28813 2	Cera Expert Ø 6/8 ProXtreme Ø 6/8 4



SPEED ■■■■■□□□□ LIFETIME ■■■■■■■■■■



UNIVERSAL & SPECIAL DRILL BITS

UNIVERSAL & SPECIAL DRILL BITS

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, Protool

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.



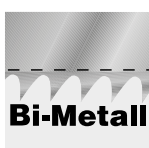
High-speed steel (HSS)

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



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.



Bi-metal

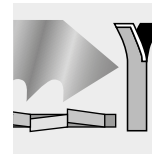
Laser-welded composite of alloy spring steel strip on the rear of the blade and high-performance speed steel in the toothed cutter area. Outstanding cutting properties with twice to ten times the service life and a high resistance to breaking.



Carbide metal granulate

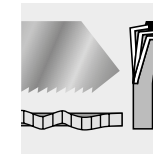
Alloy tool steel with tungsten carbide metal granulate on the saw blade. Especially for abrasive materials as well as glass, ceramics or glass fibre reinforced plastics.

TEETH TYPES



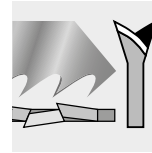
Rip cut teeth

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



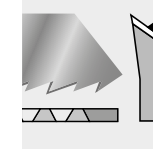
Serrated teeth

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



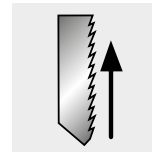
Rip cut, sharpened teeth

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



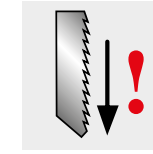
Blade with tapered finish and chamfered teeth

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



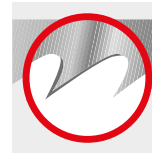
Regular teeth (push and pull)

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

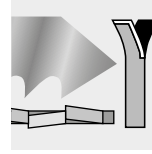
For example 10-14 teeth per inch (tpi). Applicable in wood and metal or wood with metal residue.



"M" teeth

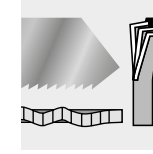
Universally suitable saw blade for almost any material. Quick cuts, up to twice as fast as regular teeth. Up to three times longer service life compared with conventional saw blades.

TIPS & TRICKS



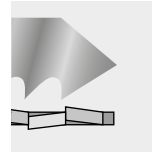
Teeth

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.



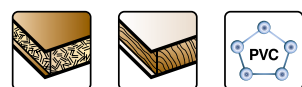
4030 JIGSAW BLADES

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



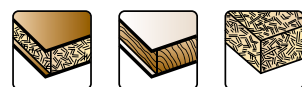
- Length of blade 50 mm; tooth pitch 2.0 mm
- Serrated
- For fast cutting action

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



HCS JIGSAW BLADE

Coarse, quick cuts in material 4-50 mm



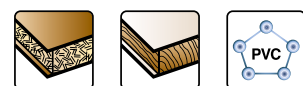
- Length of blade 75 mm; tooth pitch 3.0 mm
- Rip cut
- For fast cutting action

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



HCS JIGSAW BLADE

For clean cuts in material 3-30 mm



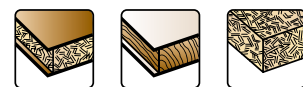
- Length of blade 75 mm; tooth pitch 2.5 mm
- Tapered blade, chamfered cut
- For clean, quick cutting

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



HCS JIGSAW BLADE

Coarse, quick cuts in material 5-50 mm



- Length of blade 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 blade 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



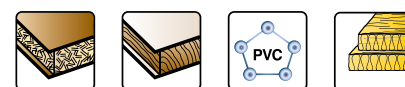
- Length of blade 105 mm; tooth pitch 4.0 mm
- Chamfered blade, rip cut
- For rough, quick cutting

Ref. no.: T344D PU: 5 Art. no.: 25802 9



HCS JIGSAW BLADE

Curved saw blade for soft wood and insulating material



- Length of blade 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



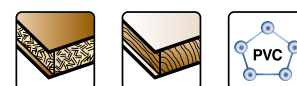
- Length of blade 105 mm; tooth pitch 3.0 mm
- Tapered blade, chamfered cut
- For clean cutting

Ref. no.: T301CD PU: 5 Art. no.: 25803 6



HCS JIGSAW BLADE

Clean cutting edges in material 3-30 mm



- Length of blade 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 blade 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



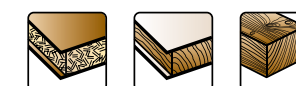
- Length of blade 75 mm; tooth pitch 4.0 mm
- Chamfered blade, rip cut
- For quick curved cuts

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



HCS SZ JIGSAW BLADE

Extra long saw blade for wood 5-120 mm



- Length of blade 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 blade 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



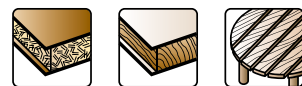
- Length of blade 75 mm; tooth pitch 2.5 mm
- Tapered blade, chamfered cut
- For clean, quick cutting

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



BI-METAL JIGSAW BLADE

Specially suited for laminate 2.5-20 mm



- Length of blade 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 blade 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 blade 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 blade 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 blade 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



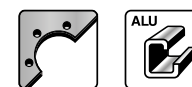
- Length of blade 55 mm; tooth pitch 2.0 mm
- Serrated
- For fast cutting action

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



BI-METAL JIGSAW BLADE

Particularly suitable for sandwich material



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

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



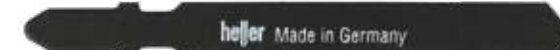
HM JIGSAW BLADE

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



- Length of blade 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 tiles, sand lime brick and sheet metal 5-15 mm



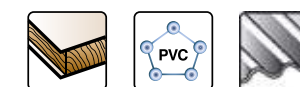
- Length of blade 54 mm;
- Carbide powdered
- For fast cutting action

Ref. no.: T130Riff PU: 3 Art. no.: 24010 9



HM JIGSAW BLADE

For coarse cuts in material 5-80 mm



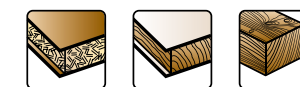
- Length of blade 105 mm; tooth pitch 4.2 mm
- Carbide powdered
- For rough cutting

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



HSS JIGSAW BLADE

Quick, cleanest surface cuts in material 2-20 mm



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

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



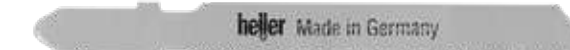
HSS JIGSAW BLADE

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



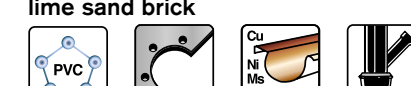
- Length of blade 55 mm; tooth pitch 2.0 mm
- Serrated
- For fast cutting action

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 blade 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 blade 55 mm; tooth pitch 1.2 mm
- Serrated
- For curved cuts

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



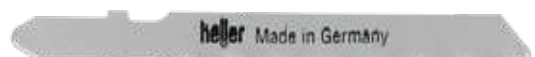
HSS JIGSAW BLADE

For thin sheet metal 1.2-2 mm



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

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



Art. 4010159	Blade type	Ref. no.	Material				
27498 2	HCS jigsaw blade	T111C	Wood	75	3,0	1	= 5
	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



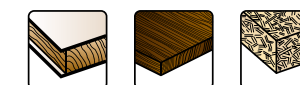
- Length of blade 130 mm; 3 teeth per inch
- Rip cut
- For fast cutting action

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



HCS SZ SABRE SAW BLADE

For wood, plastic, plasterboard 6-100 mm



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

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



BI-METAL WZ SABRE SAW BLADE

Longlife - for sheet metal and steel >1.2 mm



- Length of blade 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



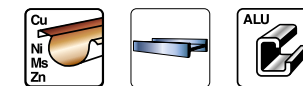
- Length of blade 130 mm; "M" teeth
- Rip cut
- For clean, rough parallel cutting

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

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



HCS WZ SERRATED

Serrated blade for insulating material



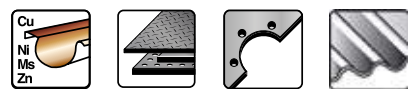
- 280 mm working length
- Special serrated edge
- Enables reliable cutting of insulating material

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



BI-METAL WZ SABRE SAW BLADE

Longlife - for sheet metal and steel >1.2 mm



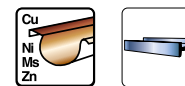
- Length of blade 130 mm; 24 teeth per inch
- Rip cut
- For clean, rough cuts

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



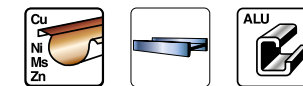
- Length of blade 130 mm; 14 teeth per inch
- Serrated
- For clean, rough cuts

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

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



BI-METAL SZ SABRE SAW BLADE

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



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

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



BI-METAL WZ SABRE SAW BLADE

For disassembly and renovation work in steel >3 mm



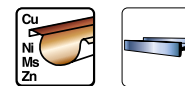
- Length of blade 205 mm; 10 teeth per inch
- Serrated
- For clean, rough cuts

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



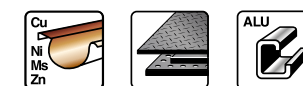
- Length of blade 130 mm; 18 teeth per inch
- Serrated
- For clean, rough cuts

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



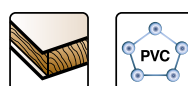
- Length of blade 130 mm; 10 teeth per inch
- Rip cut
- For clean, rough cuts

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



BI-METAL SZ SABRE SAW BLADE

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



- Length of blade 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

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



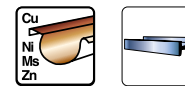
- Length of blade 180 mm; "M" teeth
- Rip cut
- For clean, rough parallel cutting

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



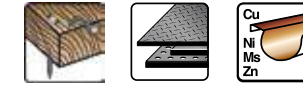
- Length of blade 180 mm; 14 teeth per inch
- Serrated
- For clean, rough cuts

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



BI-METAL SABRE SAW BLADE

Twincut teeth for enhanced hardness in material 2-10 mm



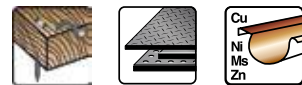
- Length of blade 130 mm; 10-14 teeth per inch
- Twincut® tothing, double cut, extra hard
- Excellent service life, good guidance, fast cutting action

Ref. no.: S 925 VF PU: 5 Art. no.: 27636 8



BI-METAL SABRE SAW BLADE

Twincut teeth for enhanced hardness in material 2-10 mm



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

Ref. no.: S1211H PU: 5 Art. no.: 28050 1



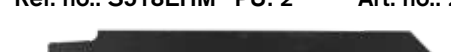
HM SABRE SAW BLADE

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



- Length of blade 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



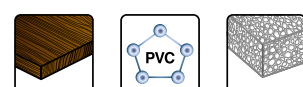
- Length of blade 260 mm; 10-14 teeth per inch
- Rip cut
- For fast cutting action

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



HM SABRE SAW BLADE

For hardwood, aerated concrete, glass fibre etc.



- Length of blade 280 mm; 3 teeth per inch
- Teeth set and carbide-tipped
- For fast cutting action

Ref. no.: S1241HM PU: 1 Art. no.: 27639 9



HM SABRE SAW BLADE

Longlife - for cast steel pipes, brick, tiles



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

Ref. no.: S2243HM PU: 1 Art. no.: 27638 2



SABRE SAW BLADE SET

Art. 4010159	Blade type	Ref. no.	Material	mm	mm	mm	
27499 9	HCS SZ sabre saw blade	S644D	Wood	130	6	1	= 5
	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	

SABRE SAW BLADES MULTIPACK

Art. 4010159	Blade type	Ref. no.	Material	mm	mm	mm
27903 1	Bi-metal sabre saw blade	S922VF	Universal	130	10-14	20

MULTIHANDLE



NEW

Art. 4010159		
29764 6	Multihandle	1

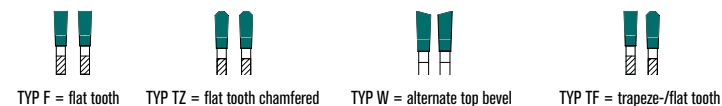


4010/4011/4012/4013/4015 SPEED BLADES PROFESSIONAL CIRCULAR SAW BLADES

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



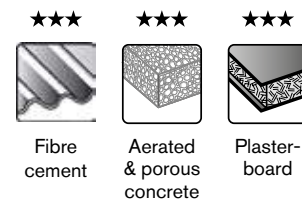
- ✓ With precision-ground for clean rip- and cross-cuts
- ✓ Extremely long lasting, safe and fast due to induction-brazed carbide teeth
- ✓ Suitable for most materials
- ✓ Compatible with power saws of all brands



SPEED LIFETIME



SPEED LIFETIME



Art. 4010159	Description				tooth count and shape	Art. 4010159	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)	29860 5	miter saw	216	3,2	30	64TF neg(x)
29556 7	cordless circular saw	160	1,6	20	36W (f)	29577 2	miter saw	250	3,2	30	48W neg (f)
29557 4	cordless circular saw	165	1,8	20	18W (g)	29578 9	miter saw	250	3,2	30	60W neg (x)
29558 1	cordless circular saw	165	1,8	20	36W (f)	29861 2	miter saw	250	3,4	30	80TF neg (x)
29559 8	cordless circular saw	184	1,8	20	18W (g)	29749 3	miter saw	305	3,2	30	60W neg (x)
29560 4	cordless circular saw	184	1,8	20	36W (f)	29579 6	table saw	300	3,2	30	20TZ (b)
29561 1	circular saw	160	2,6	20	18W (w)	29580 2	table saw	315	3,2	30	20TZ (b)
29562 8	circular saw	160	2,6	20	36W (f)	29581 9	table saw	350	3,5	30	24TZ (b)
29563 5	circular saw	160	2,6	20	48W (x)	29582 6	table saw	400	3,8	30	28TZ (b)
29564 2	circular saw	165	2,6	20	24W (w)	29583 3	table saw	450	4	30	32TZ (b)
29565 9	circular saw	165	2,6	20	36W (f)	29584 0	table saw	250	3,2	30	42W (w)
29745 5	circular saw	165	2,8	20	52TF neg (x)	29585 7	table saw	250	3,2	30	60W (f)
29566 6	circular saw	190	2,6	30	16F (g)	29586 4	table saw	250	3,2	30	80W (x)
29567 3	circular saw	190	2,6	30	30W (f)	29587 1	table saw	300	3,2	30	48W (w)
29568 0	circular saw	190	2,8	30	40W (x)	29588 8	table saw	300	3,2	30	72W (f)
29746 2	circular saw	190	2,8	30	54TF (x)	29645 8	reducing rings	20		10	
29569 7	circular saw	210	2,8	30	16W (g)	29643 4	reducing rings	20		16	
29570 3	circular saw	210	2,6	30	30W (f)	29644 1	reducing rings	30		20	
29571 0	circular saw	210	2,6	30	40W (x)	29644 1	reducing rings	30		20	
29572 7	circular saw	230	3	30	20F (g)	29646 5	reducing rings	30		25,4	
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)						

Art. 4010159	Description				tooth count and shape
29750 9	circular saw blade, DP	160	2,2	20	4TZ
29751 6	circular saw blade, DP	190	2,2	30	4TZ
29752 3	circular saw blade, DP	216	2,4	30	8TZ

MATERIAL COMPATIBILITY

TF-neg	W-neg	W-neg	DP	W	W	W	W	TZ	TF	W	W	W	F	DP	W	W	Tooth Form
x	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, GFK, CFK • MDF, HDF, Multiplex • Soft fibre board • High Pressure Laminate, Resopal, Trespa (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 • non ferrous metal



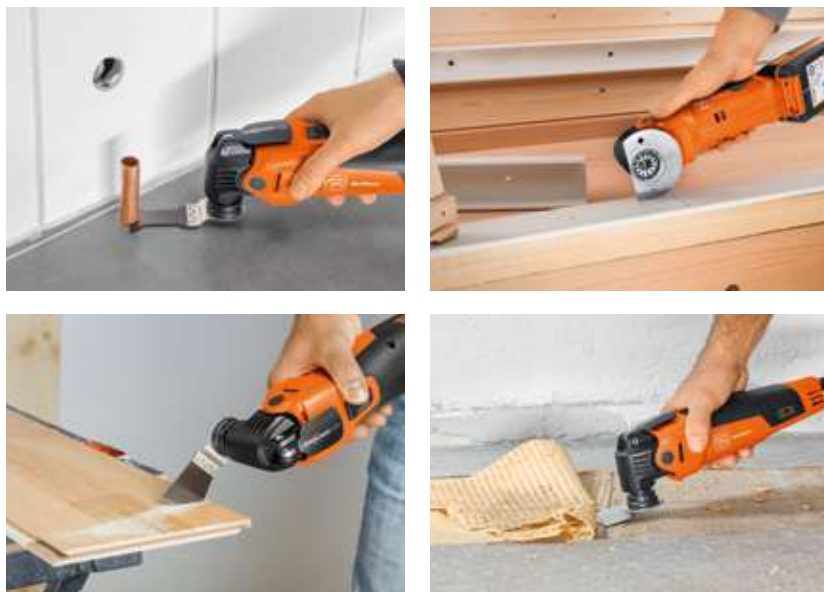
4002 STARLOCK BLADES OSCILLATING TOOLS

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

* registered trademark

RANGE

Art. 4010159	Product	Size in mm	Material	
29530 7	HCS Wood & Plastic Saw	50 x 35	Wood & Plastic	1
29531 4	HCS Wood & Plastic Saw	50 x 35	Wood & Plastic	3
29532 1	HCS Wood & Plastic Saw C	50 x 65	Wood & Plastic	1
29533 8	HCS Wood & Plastic Saw C	50 x 65	Wood & Plastic	3
29534 5	BIM Wood & Nail Saw	30 x 10	Wood & Nails	1
29535 2	BIM Wood & Nail Saw	30 x 10	Wood & Nails	3
29536 9	BIM Wood & Nail Saw	50 x 35	Wood & Nails	1
29537 6	BIM Wood & Nail Saw	50 x 65	Wood & Nails	1
29538 3	BIM Wood Precision Saw	50 x 35	Wood Precision	1
29539 0	BIM Wood Precision Saw	50 x 65	Wood Precision	1
29540 6	BIM Wood Precision Saw	50 x 65	Wood Precision	3
29541 3	BIM Metal & Wood Saw	50 x 28	Metal & Wood	1
29542 0	BIM Metal & Wood Saw	50 x 28	Metal & Wood	3
29543 7	BIM Metal & Wood Saw	50 x 44	Metal & Wood	1
29544 4	BIM Metal & Wood Saw	50 x 44	Metal & Wood	3
29545 1	BIM Metal Fine Saw	50 x 30	Metal Fine	1
29546 8	HCS Soft Material Saw	85	Soft Materials	1
29547 5	TC Hard Material Saw	75 x 2,2	Gap+Hard materials	1
29726 4	Diamond saw blade	75 x 2,2	Marble, epoxy resin, cement joints	1
29548 2	Multi Blade 3 blades	41 x 41	Carpets, PVC	1
29549 9	Glue Scraper fixed	34 x 50 x 0,8	Glue	1
29550 5	Sanding Pad triangle	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

SPEED LIFETIME

HELLER-TV TUTORIALS
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Compatibility UN 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


Compatibility SC connection:

Brand | Machine

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

SAW BLADE WOOD - UNIVERSAL


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



Art. 4010159	Connection	mm	mm	heiler
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. 4010159	Connection	mm	mm	heiler
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.



Art. 4010159	Connection	mm	mm	heiler
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.



Art. 4010159	Connection	mm	mm	heiler
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.



Art. 4010159	Connection	mm	mm	heiler
28941 2	UN20	88		1

SAW BLADE WOOD, METAL - SUPERCUT

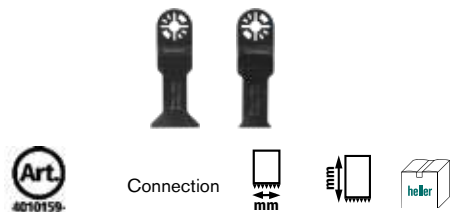
Bi-metal blade for wood, plastics, nails, copper, aluminium and profiles.



Art. 4010159	Connection	mm	mm	heiler
28962 7	SC20	88		1

SEGMENT SAW BLADE WOOD, METAL - UNIVERSAL

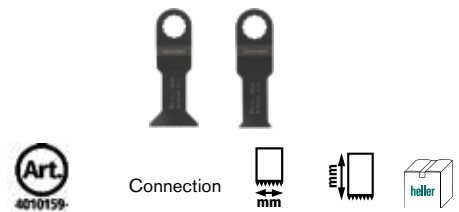
Bi-metal blade for wood, plastics, nails, copper, aluminium and profiles.



Art. 4010159	Connection	mm	mm	mm	mm
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

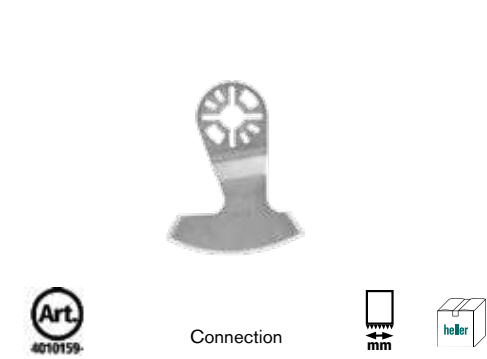
Bi-metal blade for wood, plastics, nails, copper, aluminium and profiles.



Art. 4010159	Connection	mm	mm	mm	mm
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 SEALS, WOOD, METAL - UNIVERSAL

Particularly good for removing old butylene adhesive. from stainless steel.



Art. 4010159	Connection	mm	mm	mm
28945 0	UN73	60	1	

SEGMENT SAW BLADE SEALS, WOOD, METAL - SUPERCUT


Particularly good for removing old butylene adhesive. from stainless steel.



Art. 4010159	Connection	mm	mm	mm
28966 5	SC73	60	1	

RASP TRIANGULAR SHAPE CONCRETE, STONE - UNIVERSAL

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



Art. 4010159	Connection	mm	mm	mm
28942 9	UN40	80	1	

RASP TRIANGULAR SHAPE CONCRETE, STONE - SUPERCUT

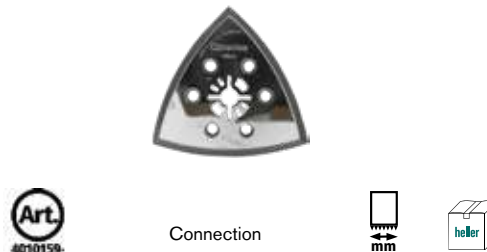
Carbide file made of bluestone for putty, grout, stone and wood.



Art. 4010159	Connection	mm	mm	mm
28963 4	SC40	80	1	

GRINDING PADS, TRIANGULAR SHAPE UNIVERSAL

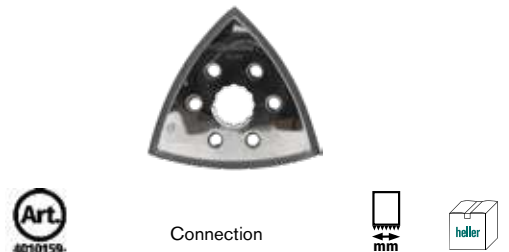
With hook and loop fastener for use with sandpapers.



Art. 4010159	Connection	mm	mm	mm
28946 7	UN52	93	1	

GRINDING PADS, TRIANGULAR SHAPE SUPERCUT


With hook and loop fastener for use with sandpapers.



Art. 4010159	Connection	mm	mm	mm
28967 2	SC52	93	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. 4010159	Suitability	Connection	mm	mm	mm
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.



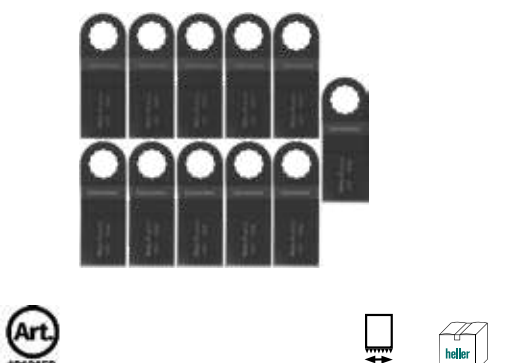
Art. 4010159	Suitability	Connection	mm	mm	mm
28964 1	Concrete, Stone	SC35	58	1	
28965 8	Seals	SC70	52	1	

SAW BLADE SET WOOD METAL - UNIVERSAL



Art. 4010159	Connection	mm	mm	mm
28947 4	UN93	5xUN04-6xUN06	11	

SAW BLADE SET WOOD, METAL - SUPERCUT



Art. 4010159	Connection	mm	mm	mm
28968 9	SC93	5xSC04-6xSC06	11	

SAW BLADE SET WOOD - UNIVERSAL



28948 1	UN92	1xUN04, 1xUN06, 1xUN08, 1xUN11	4
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SAW BLADE SET WOOD - SUPERCUT



28969 6	SC92	1xSC04, 1xSC06, 1xSC08, 1xSC11	4
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SANDPAPER SUPERCUT/UNIVERSAL



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



NEW

4201 TORSION & IMPACT BITS

Premium bits for use in impact machines thanks to their impact magnetic bit holder and special bit design.

- ✓ 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 microbox**



HELLER-TV TUTORIALS
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SPEED LIFETIME



Art. 4010159	Drive		
30530 3	PH 1	25	5
30531 0	PH 2	25	5
30532 7	PH 3	25	5
30533 4	PZ 1	25	5
30534 1	PZ 2	25	5
30535 8	PZ 3	25	5
30536 5	HX 3	25	5
30537 2	HX 4	25	5
30538 9	HX 5	25	5
30539 6	HX 5,5	25	5
30540 2	HX 6	25	5
30541 9	TX 10	25	5
30542 6	TX 15	25	5
30543 3	TX 20	25	5
30544 0	TX 25	25	5
30545 7	TX 27	25	5
30546 4	TX 30	25	5
30547 1	TX 40	25	5
30548 8	PH 1	50	3
30549 5	PH 2	50	3
30550 1	PH 3	50	3
30551 8	PZ 1	50	3
30552 5	PZ 2	50	3
30553 2	PZ 3	50	3
30554 9	TX 10	50	3
30555 6	TX 15	50	3
30556 3	TX 20	50	3
30557 0	TX 25	50	3
30558 7	TX 27	50	3
30559 4	TX 30	50	3
30560 0	TX 40	50	3
30561 7	PH1	90	3
30562 4	PH2	90	3
30563 1	PZ1	90	3
30564 8	PZ2	90	3
30565 5	TX20	90	3
30566 2	TX25	90	3
30567 9	TX30	90	3



Art. 4010159	Description	Drive		
30568 6	Bitholder	1/4"	60	1
30569 3	Quick-release Bitholder	1/4"	60	1
30570 9	Quick-release Bitholder	1/4"	150	1
30571 6	Handle with quick release Bitholder	1/4"	150	1



Art. 4010159	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

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	3, 4, 5, 6
HEX	3, 4, 5, 6
Torx	2x (T10, T15, T20, T25, T27, T30, T40)
1 x Impact holder	
1 x 1/4" adapter	
S2 Quality material black-oxide finish, length 25 mm 1/4" bits	



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

Art. 4010159	Article name	Description	
28913 9*	Bit set	32 parts	10
28914 6*	Bit set	24 parts	10
28915 3	Bit display	10 sets each (32- & 24-part.)	20

* Packaging unit 10 sets

SPEED LIFETIME

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	

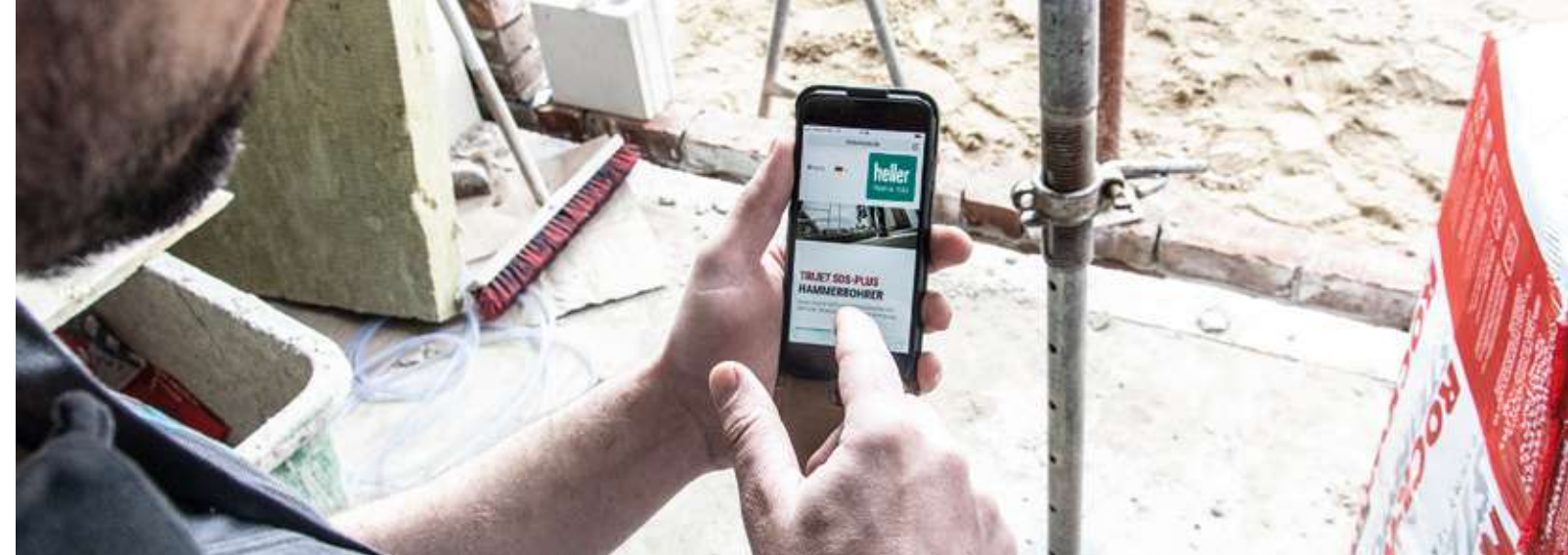
SET 32

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	

HELLER SYSTEMS FOR OPTIMUM PRODUCT PRESENTATION ON THE SALES FLOORSPACE

- ✓ Sales support through clear-cut and self-explanatory systems for product presentation
- ✓ Easy and quick orientation thanks to the Heller colour guidance system
- ✓ Individually configurable
- ✓ Best possible use of floorspace
- ✓ Attractive options for secondary placement

NEW,
INNOVATIVE &
INDIVIDUAL



PUNCH-PACKING DIGITAL SERVICES FOR YOUR SUCCESS!

- ✓ State-of-the-art and packed with features: the Heller website www.hellertools.de
- ✓ **On the dot:** Meaningful tutorials and product videos
- ✓ Our special support: **Application-oriented product advice**
- ✓ **Exclusive dealer area:** Comprehensive service package adds value to your business



www.hellertools.com/en/heller-tv



www.hellertools.com/en/application-wizard

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

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

- Our shipments and services are provided exclusively under the following conditions.
- 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 overdraft 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

 ALU Aluminium	 Reinforced concrete	 Beams	 Laminated chipboard
 Concrete	 Sheet metal	 Non-ferrous metals	 Roofing tiles
 Stainless steel	 Iron	 Veneer wood	 Aerated & porous concrete
 Nailed wood	 Plasterboard	 Glass	 Granite
 Greenwood	 Cast iron	 Hard fired tiles	 Hardwood
 Insulating materials	 Sand lime brick	 Brick	 Marble
 Masonry	 Natural stone	 Nirosta steel	 PVC
 Formwork	 Chipboard	 Plywood	 Plate glass
 Steel	 Wall tiles	 Softwood	 Cement
 SDS-max	 SDS-plus	 RATIO	 TRI
 CYL	 M16	 HEX	 M14
 1/4" HEX	 MORSE	 ROTASTOP	
 Hanger	 Twist pack	 Case	 Other packaging
 Blister	 Square pack	 Product range	 C&C bag (single mandrel)
 C&C tube	 Square pack (Content: 1 pc.)	 MaxxBlox	 C&C (Euro hole)
 Folding box	 Modul		
 miter saw	 table saw	 circular saw	 cordless circular saw

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