



RELAX!

OUR DRILLS ARE USED BY CONSTRUCTION PROFESSIONALS – NOT THE DENTIST!





Dear customer,

not just anyone can manufacture drill bits for the professional: you need vast experience to develop the right tool for the material, which will deliver the best results time and time again. Heller uses only special alloyed steel and select tungsten carbide for its drill bits, which are manufactured on state-of-the-art, computer-controlled machines by experienced experts.

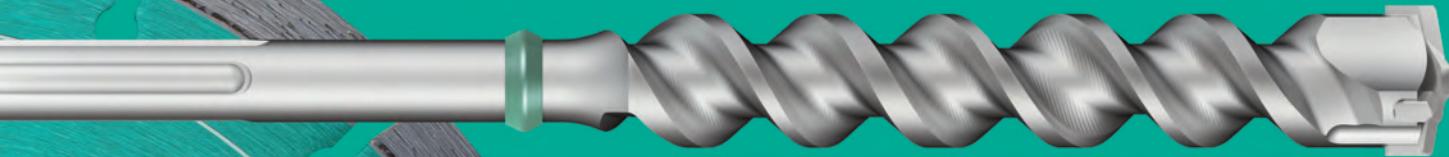
We don't deliver to dentists.

We focus on what we do well: the development and production of high-quality drill bits for construction professionals. Our whole world revolves around "drilling holes on the construction site".

In our new catalogue, we have considered your wishes and provided plenty of useful information. For instance, not only have we grouped the products by user, but have also indicated which materials they are suitable for and provided comprehensive technical details that you can use to satisfy that all-important application.

The entire Heller team hopes that you will enjoy reading this catalogue and that this "tool" will prove useful to you when advising your customers.

Frank Schubert
Managing Director
ITW Heller GmbH





DRILLS FOR CONSTRUCTION PROFESSIONALS

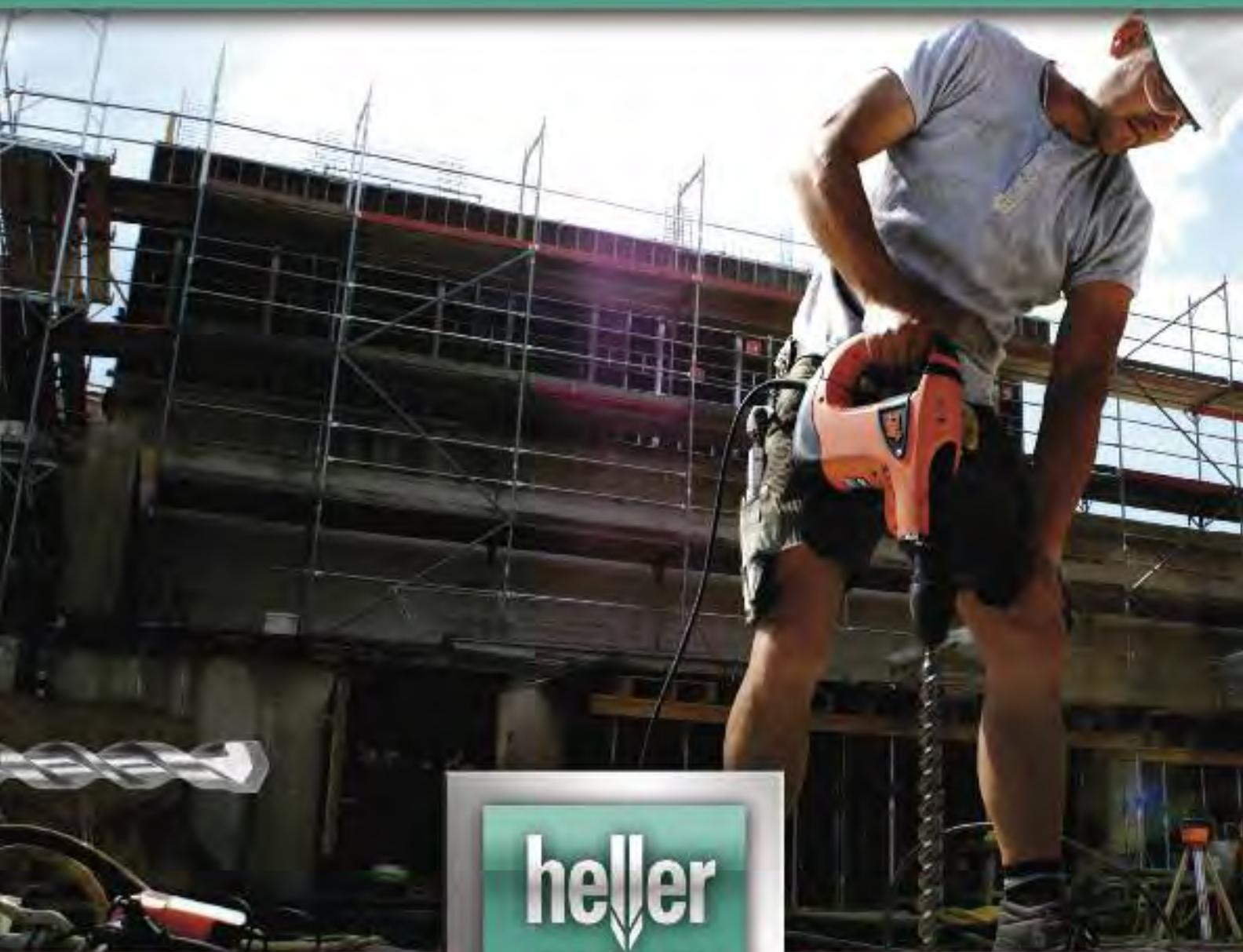


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PICTOGRAMS

	Concrete		Softwood		Iron		Fired tiles
	Reinforced concrete		Hardwood		Steel		Wall tiles
	Gas concrete		Laminated chipboard		Aluminium		Asphalt
	Sand-lime brick		Sandwich panel		Non-ferrous metal		Diameter
	Aerated concrete		Veneered wood		Nirosta stainless steel		Working length
	Granite		Beams		Cast iron		Total length
	Marble		Wood with nails driven in		Stainless steel		Diameter / Type of shank
	Natural stone		Chipboard		PVC		Thread
	Brickwork		Plywood		Plexiglass		Article number Art. 4010159
	Clinker		Green wood		Glass		Contents
	Roof tiles		Shutter boards		Mirror glass		
	Cement		Sheet metal		Insulating materials		



heller
get a bit more



Heller, a successful manufacturer of drill bits for professional requirements, was founded more than 160 years ago. The company's tradition of high-quality tool manufacturing, with which the Heller name is synonymous, goes back even further – right back to 1583.

Tradition and modernity are not mutually exclusive; indeed, Heller proves that they are highly compatible, not least by having one of the most modern and efficient drill bit factories in the world.

In ITW (Illinois Tool Works Inc.), a successful listed company with more than 60.000 employees in more than 875 subsidiaries worldwide, Heller has a strong parent to guide it. ITW develops and produces a comprehensive range of innovative fasteners, components, equipment and consumables for the consumer goods, construction, electronics and automotive industries. One of ITW's specialties are products for applications on the construction sites such as power tools, nail guns, fastening systems – and, of course, drill bits.



As part of the ITW Group, Heller can offer its customers all the advantages of a large corporation, coupled with the benefits of a flexible SME:

- ▶ Innovations as a result of cooperations with Group-owned technology centres and affiliated companies
- ▶ Expansion of the Heller development & technology base
- ▶ Support for the Heller patent & brand policy
- ▶ Advice on the development of an efficient, cost-effective manufacturing organisation
- ▶ Permanent investment in Germany as a manufacturing location



SOLUTIONS FOR CONSTRUCTION APPLICATIONS



Anyone can manufacture a simple product – but only a few can solve a real problem: Heller is a competent and innovative partner for its customers when it comes to „drilling holes on the construction site”.

New composites, critical materials, strong concrete reinforcements or modern building methods on the construction site demand that Heller continuously develop new ideas and solutions for products, raw materials, finishing and manufacturing processes. It goes without saying that we customise our products to the top power ratings of all the power tools available in the market. After all, we aim to offer you more than simply a product that will only work in one machine.



QUALITY FOR PROFESSIONALS

Heller has devoted itself to absolute premium quality – as measured by a professional's most stringent demands. We can only produce the right product if we understand the tradesman's requirements as far as material, performance and also price are concerned. State-of-the-art, computer-aided technology, select raw materials – from the tungsten carbide insert to the steel – and external certifications ensure that the level of quality is consistently high, and one which the user can absolutely depend on.





Patented products: Committed to innovation

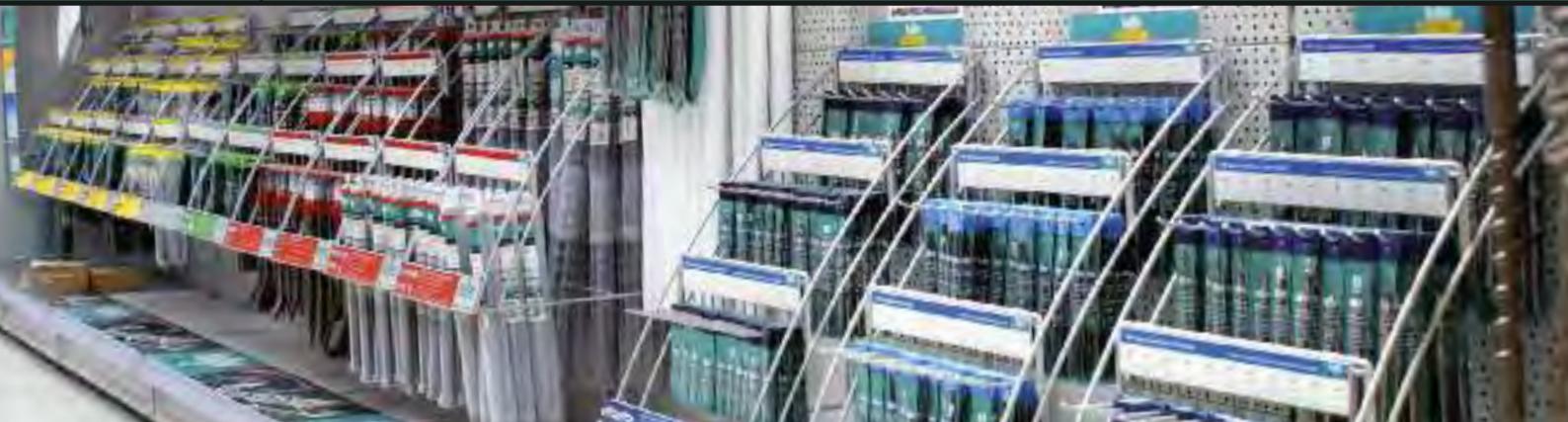
We keep in close contact with stockists and tradesmen to get valuable suggestions for innovations and on how to continue to optimise our products. Many Heller developments are world-firsts with features that the professional appreciates. For that reason, we consider it essential to protect our products with patents and trademarks and to prosecute any breaches.

The knowledge to get ahead: Training & product advisory service

Knowing the specifications and merits of products and how to use them correctly is one of the crucial advantages for stockists to set themselves apart from their competitors. Heller offers you technical advice plus a complete – theoretical and practical – training programme, which can be tailored to your needs. And that's not all: Heller training & demo vehicles can bring all our products and materials directly to you. If you so wish, we can also go with you to visit your customers. Consolidate your expertise by using the Heller training pack and, better still, book a training date with your local Heller team now.

Sales system: Making it easy to choose products

Heller makes it easy to choose with the self-explanatory product & presentation system. With everything from the imposing eye-catching module wall to module placement with helpful product information and the easy-to-understand product packaging – all featuring the tried-and-tested Heller colour-coding system – it couldn't be easier for the user to select out products. Not forgetting the informative brochures and, of course, the comprehensive drill advisor – the "silent salesman".



Sales-boosting ideas: Promotions and special placement

Heller continually strives to help you generate extra business, for you by running regular promotions and packs geared to the needs of your target groups in an effort to generate sales. We also provide support by way of ideas for attractive secondary placement. Our bestselling products are available in displays and merchandiser cabinets for high-sales and high-margin special placement.



Logistics: Fast & flawless

The result of our annual trade survey leaves no room for misinterpretation: alongside product quality, fast, extensive and flawless delivery is decisive for our partners. Our logistics system is tailored to your needs: from order acceptance – by telephone, free order fax, e-mail or via the electronic trade platform nexMart – to the immediate processing of your orders and punctual delivery by forwarding agent or courier, we ensure your order is filled just as you wish.



HELLER: THE PARTNER FOR STOCKISTS

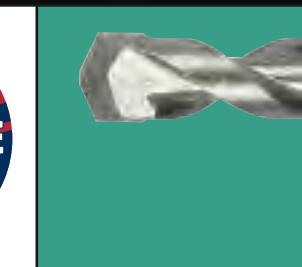
Heller is an excellent partner for specialist retailers. Innovative ideas for construction applications, patented professional-quality products, comprehensive training & advisory services, sales support for ease of product choice, attractive promotions and placement options and perfect logistics combine to form a service package, which is simply too good to ignore. That is why you should rely on the certified products and services from Heller.





HAMMER BITS

H A M M E R B I T S

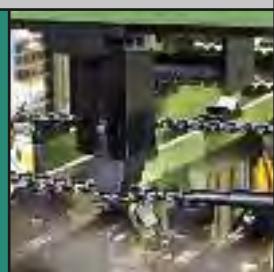
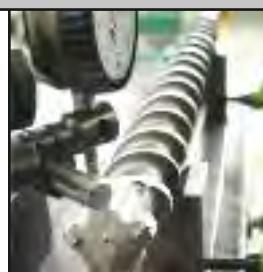


Technical details

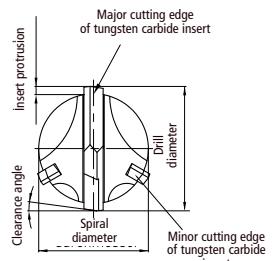
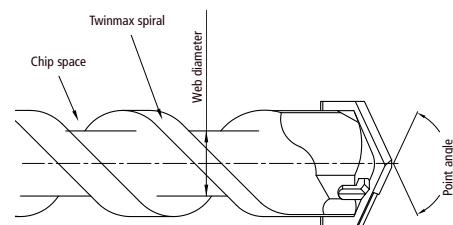
Recommended applications

Hammer bits are recommended for drilling holes in brickwork and concrete with fast and reliable results. For the proper installation of components, it is necessary to use drill bits from a certified manufacturer. Using drill bits from monitored production is the only way to guarantee that the bore area will not be exceeded and that consistently good results will be achieved. Bits with too much true-running deviation or too high tolerances in the tungsten carbide tip can result in drill holes with not enough grip, for instance, for an anchor. In extreme cases, the installed elements will become loose and cause severe damage.

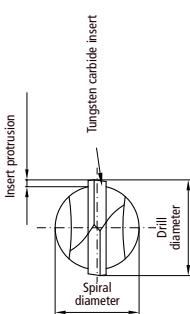
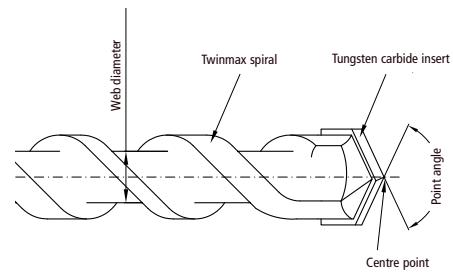
It is therefore recommended that you only use drill bits that have been manufactured in accordance with the guidelines of the Prüfgemeinschaft Mauerbohrer (PGM), an independent institute. You can recognise this by the PGM quality mark.



EnDuro Y-Cutter



Bionic



Adapters



SDS adapter

The SDS adapter is available in various designs for power drills. Made to fit the different bit diameters, there is the most popular SDS-plus adapter with a cross-section of approx. 10 mm and the SDS-max adapter with a cross-section of approx. 18 mm. The SDS adapter general has two functions:

Locking: The bit locks by means of opposite recesses running lengthwise in the tool, into each of which a ball, integrated in the drill chuck, engages.

Torque: The torque is transmitted via grooves in the bit/chisel, in which lengthwise ridges in the drill chuck engage. With axial transmission of the hammer percussion, the balls descend and the ridges slide into the grooves.

APPLICATION		ADAPTERS
SDS plus		 
2 kg		
4 kg		
SDS max		 
5 kg		
7 kg		
11 kg		
4	8	DIA. IN MM
10	12	
14	16	
20	25	
30	32	
40	50	

Technical details

Quality seal



Certified & safe with PGM seal

Heller holds a certificate from the independent Prüfgemeinschaft Mauerbohrer e.V. (PGM) for its products. PGM defines stringent requirements for secure drill-hole/anchor connection. Through monitoring and tests, PGM ensures that the user is only offered drill bits that are made to suit an application using approved anchors. Only a few manufacturers in the world are authorised to carry this seal, which every user of hammer or percussion drills will have seen before. Bits with this seal deliver what many others claim: geometrically precise holes, which offer maximum grip for the anchors and maximum safety for the user.



User-protection through vibration monitoring

Heller is the first manufacturer specialising exclusively in drill bits to test its products in an independent institute for the adverse effects of drilling vibration. If a rotary hammer is integral to the application, it can be expected that so-called "hand-arm vibration" could have some form of long term effect on the users health. The "EU Vibration Directive 2002/44/EC" aims to help, in that it stipulates the maximum vibration to which users may be exposed. Low-vibration power tools are called for in addition to low-vibration techniques – but low-quality drill bits can also have an adverse effect. Low cost, poorly designed drill bits can reserve the effect of low vibration power tools. Heller drill bits demonstrated optimal effectiveness and extremely low vibration in the practical tests. In fact, they even distinctly reduced vibration.



Control & reliability with the Heller quality seal

Product safety and user protection are paramount at Heller. These policies translate to high-quality products that are absolutely reliable in use. The "Quality for Professionals" label is Heller's hallmark of superior product quality. The certified and externally monitored manufacturing process means that products meet stringent safety requirements. The use of only select high-quality steels and tungsten carbide inserts, customised on highly automated, computer-controlled systems, guarantees that Heller drill bits conform to the state of the art and have the maximum service life.

Quality features



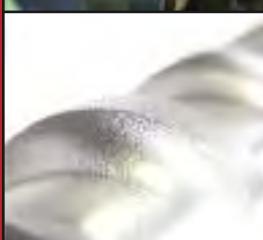
Tungsten carbide cutting edges

The innovative, patented Heller tungsten carbide cutting edges are optimised for the toughest applications in concrete & stone. Even concrete reinforcements pose no problem for the uncompromising tungsten carbide cutting edges. A cutting tungsten carbide profile and additional grinding areas make for extremely fast advance. The integrated protruding tips ensure ideal starting and perfect centering.



Milling technique

The spirals are manufactured using the grinding or milling technique. They are ground from the whole piece. This ensures accuracy of the spiral line. The spiral outside and inside diameter are adhered to exactly. The advantages in use are quieter operation and continuous removal of dust.



Spiral forms

Patented spiral forms guarantee – for example, by means of an alternatively narrow and wide back edge – optimum removal of dust without any blow-outs. Extremely high speed with ideal transmission of impact energy thanks to computer-aided design. In addition, Heller hammer bits are outstanding for quiet, low-vibration operation.



HST Hardening

The special technique of hardening by blasting makes for the perfect surface finish: the probability that a Heller hammer bit will break under very high loads is extremely low – even on impact with reinforcements. Ideal, especially with long dimensions: HST hardening guarantees high bending flexibility without breaking.

Technical details

Quality features

True-running test

Every Heller drill bit is subjected to a strict true-running test at the end of production. In the event of deviations from the setpoint, the hammer bits are adjusted to the correct measurement. Computer-controlled sensors detect deviations to the micrometre. Special rams then bring the bit into the exact true-running range. The advantages for the user are greater precision of diameter and depth of the drill hole and less vibration during work.



Tips and tricks

Checking for reinforcements

Heller hammer bits can even withstand impacts with reinforcements. But we recommend you use a detector to check the wall for reinforcements before beginning to drill and only to drill holes in the pure masonry. Reinforcements are there for structural reasons and should not be cut if at all possible. If this cannot be avoided for design reasons, a structural engineer must be consulted beforehand.



Checking for pipes & cables

We advise you to check the area around the drill hole for pipes and cables before starting to drill. Cables and pipes usually run up or down perpendicular to the socket or fitting. For that reason, we recommend you do not drill directly above or below a socket or fitting. In the case of through-drilling, you should check the structure of the opposite side of the wall. It is essential to use special detectors.



Greasing the adapter

We recommend you lubricate the shank end of the drill bit with thread grease before attaching it to the drill chuck. This will extend the service life of the hammer drill.



Removing material residue

Before installing an anchor, it is essential to remove material residue from the drill hole to ensure optimum grip for the anchor



Heller quality for consistently good results

Heller only uses the best steels and tungsten carbide inserts for its hammer bits. At the same time, precise workmanship is a priority, which shows, for example, in the exact alignment and soldering of the tungsten carbide inserts and in low true-running errors. And, of course, aspects like ergonomics and work safety also play a crucial role. We let the demands of the professional user be our guide. Ultimately, all Heller products make the tradesman's work speedier and more economical.



- ★★★ Heavy concrete B45
- ★★ Reinforced concrete
- ★★★ ferro concrete
- ★★★ Prestressed concrete
- ★★★ Asphalt
- ★★★ Concrete
- ★★★ Sand-lime brick
- ★★★ Clinker
- ★★ Marble
- ★★★ Brickwork
- ★★★ Natural stone
- ★★ Granite



ENDURO

THE NEW MULTICUTTERS

TAKE THE FIGHT TO
CONCRETE AND REINFORCEMENT



1. Maximum service life
2. Powerful in reinforced concrete
3. Impressive drilling speed



AWARDED
TRIET SDS-MAX & TRIET SDS-PLUS



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THE XL-DIAMETERS 12-16 MM

Three-winged bit
with sinks for
improved power
transmission



Highest service life in concrete and reinforcements on account
of the enlarged rounded secondary cutting edge

► Highest service life due to extremely
wear-resistant "one-phase hard metal alloy"

New carbide design guarantees best
possible stability and wear resistance

► Stable head geometry by inserted hard metal alloy -
withstands reinforcement hits even

More hold in tapping and prevention of flaking
on account of reinforced two point centring tip

► Extremely quick drill dust transport without
deflagration due to the wide spiral shape

Effective transfer of hammer energy
thanks to optimised carbide point angle

► Vibration-optimised triple spiral

Extremely quick drilling progress on account
of large-volume Twinmax 3D-helix

DuraTec hardening procedure using high-temperature
soldering and shot peening technology

Certified by the Masonry Drill Bit Testing Association (PGM) according to
the requirements of the German Institute for Building Technology (DIBt)

Y-CUTTER HAMMER BITS THE XXL-DIAMETERS 18-50 MM

Y-CUTTER HAMMER BITS
THE XXL-DIAMETERS 18-50 MM

Especially powerful
and robust – even in
case of reinforcement
hits – thanks to stabilised
main cutting edge





2625 TRIJET HAMMER BITS

			Art.
			4010159-
12	200	340	28178 2
12	400	540	28179 9
12	600	740	28180 5
13	200	340	28181 2
13	400	540	28182 9
14	200	340	28183 6
14	400	540	28184 3
14	600	740	28185 0
15	200	340	28186 7
15	400	540	28187 4
16	200	340	28188 1
16	400	540	28189 8
16	600	740	28190 4
16	800	940	28191 1
16	1200	1340	28192 8

2125 Y-CUTTER HAMMER BITS

			Art.
			4010159-
22	1200	1320	23399 6
24	200	320	22371 3
24	400	520	22372 0
25	200	320	22373 7
25	400	520	22374 4
25	600	720	28196 6
25	800	920	22375 1
25	1200	1320	22376 8
26	200	340	23113 8
26	400	520	23114 5
28	200	340	22377 5
28	400	520	22378 2
28	600	720	22379 9
28	800	920	28197 3
30	200	340	22380 5
30	400	520	22381 2
30	600	720	28198 0
32	200	340	22382 9
32	400	520	22383 6
32	600	720	28199 7
32	800	920	22384 3
32	1200	1320	22385 0
35	200	340	22386 7
35	400	520	22387 4
35	600	720	22388 1
38	200	340	22389 8
38	400	520	22390 4
38	600	720	28200 0
40	200	340	22391 1
40	400	520	22392 8
40	600	720	28201 7
40	800	920	22393 5
40	1200	1320	22394 2
45	400	520	23343 9
50	400	520	23344 6



EnDuro SDS-max Hammer Drill Bit Sets

2118



TRIJET HAMMER BITS

12/14/16 x 400/540 mm	3	28202 4
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Y-CUTTER HAMMER BITS

20/22/25 x 400/520 mm	3	28205 5
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2725

Speed2Max SDS-max Hammer Bits

- ★★★ Concrete
- ★★★ Gas concrete/YTONG
- ★★★ Sand-lime brick
- ★★ Clinker
- ★★ Brickwork
- ★★★ Stone



THE INEXPENSIVE ALTERNATIVE FOR FAST RESULTS

- High drilling speed thanks to an optimised tip geometry
- Precise drilling performance by means of a special cutting edge design
- A broad spiral shape ensures good drilling progress
- Certified by the Masonry Drill Bit Testing Association (PGM) according to the requirements of the German Institute for Building Technology (DIBt)



Special carbide design



			Art.
12.0	200	340	27753 2
12.0	400	540	27754 9
12.0	600	740	28234 5
13.0	200	340	28235 2
13.0	400	540	28236 9
14.0	200	340	27755 6
14.0	400	540	27756 3
15.0	200	340	28237 6
16.0	200	340	27757 0
16.0	400	540	27758 7
18.0	200	340	27759 4
18.0	400	540	27760 0
20.0	200	320	27761 7
20.0	400	520	27762 4
22.0	200	320	27763 1
22.0	400	520	27764 8
24.0	200	320	27765 5
24.0	400	520	27766 2
25.0	200	320	27767 9
25.0	400	520	27768 6
25.0	800	920	28238 3
28.0	200	320	27769 3
28.0	400	520	27770 9
30.0	200	320	27771 6
30.0	400	520	27772 3
32.0	200	320	27773 0
32.0	400	520	27774 7
35.0	400	520	27776 1
40.0	400	520	27778 5

2725

Speed2Max SDS-max Hammer Bit Sets

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get a bit more



16 x 400/540 mm, 20/25 x 400/520 mm	3	27905 5
Speed2max 12/16 x 200/340 mm, 20 x 200/320 mm, SDS-max Pointed / Flat Chisel 400 mm	5	27906 2



Concrete	★★★
Concrete reinforcement	★★
Gas concrete/YTONG	★★★
Granite	★
Sand-lime brick	★★★
Clinker	★★★
Aerated concrete	★★★
Marble	★
Brickwork	★★★
Stone	★★★



HAMMER CORE BIT FOR EFFECTIVE PENETRATION

- High drilling speed thanks to edge-grinding of the drill hole
- Extremely robust design ensures long service life
- Enhanced removal of dust thanks to alternating flat & pointed tooth configuration
- Effective penetration even in reinforced concrete
- Ideal for laying pipes through brickwork and concrete
- Interchangeable pilot bit

Ø	L	mm	Art.
40	430	550	24526 5
50	170	290	24527 2
50	430	550	24528 9
65	430	550	24766 5
68	170	290	24529 6
68	430	550	24530 2
80	170	290	24531 9
80	430	550	24532 6
90	430	550	24533 3
100	430	550	24534 0



Scope of supply: Core Bit including Pilot Bit 2207
2207 Pilot Bit

12	-	128	24542 5
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heller
get a bit more

StarBreaker SDS-max Core Cutters

- ★★★ Concrete
- ★ Concrete reinforcement
- ★★★ Gas concrete/YTONG
- ★ Granite
- ★★★ Sand-lime brick
- ★★★ Clinker
- ★★★ Aerated concrete
- ★ Marble
- ★★★ Brickwork
- ★★★ Stone



EFFORTLESS PENETRATION – EVEN AT EDGES

- Precise starting with long, interchangeable pilot bit even in difficult corners
- Exact drill-hole geometry even with deep drill holes
- Fast advance thanks to asynchronous drill head structure
- Long product service life thanks to self-sharpening tungsten carbide tips
- Optimum for wall penetration for laying pipes and domestic supply lines



55	390	550	24520 3
65	390	550	24522 7
80	390	550	24524 1

Scope of supply: Star Breaker Core Cutter inclusive Pilot Bit 2209
2209 Pilot Bit for Star Breaker Core Cutter

18	-	88	24541 8
----	---	----	---------

GraniteMaster SDS-max Hammer Bits

- ★ Concrete
- ★ Gas concrete/YTONG
- ★★★ Granite
- ★★ Sand-lime brick
- ★ Clinker
- ★ Aerated concrete
- ★★★ Marble
- ★ Brickwork
- ★★★ Stone
- ★★★ Natural stone



UP TO EVEN THE TOUGHEST JOBS

- Simple and clean starting in the hardest of materials thanks to integrated centre point
- GPC tungsten carbide cutting edges for maximum power concentration on the drilling head
- Ideal for through-drilling natural stone



20.0	200	320	24547 0
25.0	200	320	24548 7
30.0	250	370	24549 4



trijet



SIMPLY INTELLIGENT.

SETS THE STANDARD FOR EXTREME LONG SERVICE LIFE!

CONTINIOUS HIGH PERFORMANCE IN THE HARDEST CONCRETE!

POWERFUL IN REINFORCED CONCRETE!

FASTER DRILLING! · COMFORTABLE TO USE!



- ★★★ Heavy concrete B45
- ★★★ Reinforced concrete
- ★★★ Prestressed concrete
- ★★★ Asphalt
- ★★★ Concrete
- ★★★ Sand-lime brick
- ★★★ Clinker
- ★★★ Marble
- ★★★ Brickwork
- ★★★ Natural stone
- ★★ Granite



UNBEATABLE. IN REINFORCEMENTS, TOO!

Heller Trijet 900 %



AWARDED
TRI-JET SDS-MAX & TRI-JET SDS-PLUS
2013



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get a bit more



SUPERIOR PERFORMANCE – TOTALLY IN COMMAND

- ▶ New generation of hammer bits: powerful, fast & consistent
- ▶ Impeller cutting edge with 3 blades for more effective material removal
- ▶ Increased power transmission when drilling thanks to shaft-form head design
- ▶ Long service life thanks to extremely wear-resistant single-phase tungsten carbide alloy
- ▶ Robust head geometry thanks to embedded tungsten carbide head – will withstand multi impacts with reinforcement
- ▶ Compared to an average 2-cutter the Trijet achieves nine times the service life when drilling through rebar. Please note: Drilling through reinforced concrete is only permitted after approval by the structural engineer.
- ▶ Extremely fast removal of dust without blow-out thanks to wide spiral form
- ▶ Optimised low-vibration triple spiral
- ▶ DuraTec hardening technique by means of high-temperature soldering and shot-blasting technology
- ▶ Certified by the Prüfgemeinschaft Mauerbohrer (PGM) in accordance with the requirements of the Deutsches Institut für Bautechnik (DIBt)



3-blade cutting edge
with grooves
for better
power transmission



5.0	50	110	26740 3
5.0	100	160	26741 0
5.5	50	110	26742 7
5.5	100	160	26743 4
5.5	250	310	28465 3
6.0	50	110	26744 1
6.0	100	160	26745 8
6.0	150	210	26746 5
6.0	200	260	26747 2
6.0	250	310	28466 0
6.5	50	110	26748 9
6.5	100	160	26749 6
6.5	150	210	26750 2
6.5	200	260	28082 2
6.5	230	295	28083 9
6.5	300	360	28084 6
7.0	100	160	26751 9
7.0	150	210	26752 6
8.0	50	110	26753 3
8.0	100	160	26754 0
8.0	150	210	26755 7
8.0	200	260	26756 4
8.0	250	310	26757 1
8.0	400	460	26758 8
10.0	50	110	26759 5
10.0	100	160	26760 1
10.0	150	210	26761 8

10.0	200	260	26762 5
10.0	250	310	26763 2
10.0	400	460	26764 9
10.0	550	600	26765 6
12.0	100	160	26766 3
12.0	150	210	26767 0
12.0	200	260	26768 7
12.0	250	310	26769 4
12.0	400	450	26770 0
12.0	550	600	26771 7
13.0	100	160	28086 0
13.0	200	250	28087 7
13.0	250	300	28088 4
14.0	100	160	26772 4
14.0	150	200	26773 1
14.0	200	250	26774 8
14.0	250	300	26775 5
14.0	400	450	26776 2
14.0	550	600	26777 9
15.0	100	160	28089 1
15.0	200	250	28090 7
15.0	250	300	28091 4
16.0	150	200	26778 6
16.0	200	250	26779 3
16.0	250	300	26780 9
16.0	400	450	26781 6
16.0	550	600	26782 3

Trijet SDS-plus Hammer Bit Sets



Ø 5/6/8 x 100/160	3	26812 7
Ø 6/8/10 x 100/160, 6/8 x 50/110	5	27465 4
* Ø 5,5/6 x 50/110, 5,5/6/7 x 100/160	5	27587 3
** Ø 6/8 x 100/160, Pointed / Flat / Spade Chisel	5	27662 7
Ø 5/5,6/5 x 50/110, 6/7/8/10 x 100/160	7	27588 0
Ø 5/6/8 x 50/110, Ø 6/8/10/12 x 100/160	7	26813 4
Ø 5 x 50/110	10	27221 6
Ø 6 x 50/110	10	27222 3
Ø 6 x 100/160	10	27223 0
Ø 8 x 50/110	10	27224 7
Ø 8 x 100/160	10	27225 4
Ø 10 x 100/160	10	27226 1
Ø 12 x 100/160	10	27227 8
Ø 12 x 150/210	10	27228 5



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★★★ Concrete
★★ Concrete reinforcement
★★ Gas concrete/YTONG
★★ Granite
★★★ Sand-lime brick
★★★ Clinker
★★★ Aerated concrete
★ Marble
★★★ Brickwork
★★★ Stone



Unique patented head profile



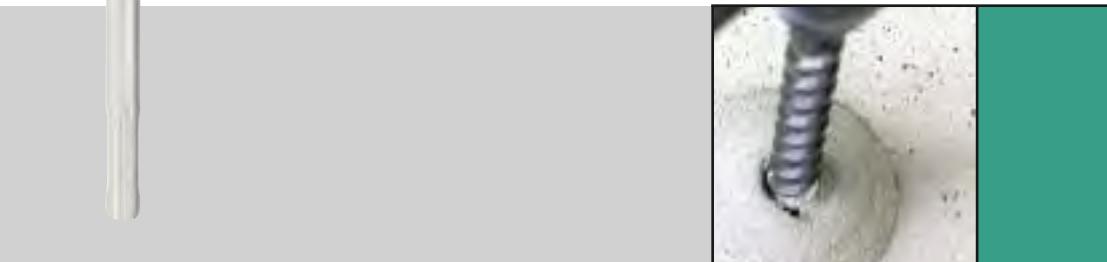
THREE CUTTING EDGES – TWICE AS GOOD: UNIQUE

- ▶ 3-D cutting edge profile in Y-form for exact positioning and perfect starting
- ▶ Long service life and low probability of breakage even on impact with reinforcements, thanks to the highly effective technique of hardening by blasting (HST hardening)
- ▶ High drilling speed thanks to wide Twinmax spiral and customised head geometry
- ▶ Optimum low-vibration drilling protects the user
- ▶ Certified by the Prüfgemeinschaft Mauerbohrer (PGM) in accordance with the requirements of the Deutsches Institut für Bautechnik (DIBt)



18.0	250	300	22524 3
18.0	400	450	22525 0
20.0	250	300	22526 7
20.0	400	450	22527 4
22.0	400	450	22528 1
24.0	200	250	22529 8
24.0	400	450	22530 4
25.0	400	450	22531 1
28.0	200	250	22532 8
28.0	400	450	22533 5
30.0	190	250	27800 3
30.0	400	450	22534 2

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The new
SDS-plus Hammer Drill Bit

SIMPLY.FASTER.HELLER.

Bionic Pro

Lights on:
For the fastest Heller SDS-plus Hammer Drill Bit!



WWW.HELLERTOOLS.COM

Bionic Pro SDS-plus Hammer Drill Bit

- ★★★ Concrete
- ★★ Concrete reinforcement
- ★★★ Gas concrete/YTONG
- ★★ Granite
- ★★★ Sand-lime brick
- ★★★ Clinker
- ★★★ Aerated concrete
- ★★ Marble
- ★★★ Brickwork
- ★★★ Stone



Bionic Pro



**SIMPLY.
FASTER.
HELLER.**



Patented
double cutting
edge design



HELLER'S FASTEST DRILL EVER!

- Longer service life in concrete and reinforced concrete thanks to a stabilised head geometry and rounded cutting edges
- Robustness is ensured when hammer drilling thanks to a 2-point centring tip
- A patented double cutting edge design in accordance with the Bionic principle guarantees maximum durability and abrasiveness when drilling
- An innovative "Twinmax-3D" spiral design ensures optimum removal of drilling dust and a comfortable and easy drilling process without the effects of dust explosion
- An optimised head geometry with wide point angle and a new spiral profile ensure a high drilling feed
- Certified by the Prüfgemeinschaft Mauerbohrer (PGM) in accordance with the requirements of the Deutsches Institut für Bautechnik (DIBt)





Art.
4010159-



Art.
4010159-

4	50	110	16306 4
4	100	160	22016 3
5	50	110	15620 2
5	100	160	17650 7
5	150	210	23642 3
5	300	360	28536 0
5	550	600	28206 2
5,5	50	110	15965 4
5,5	100	160	17298 1
5,5	150	210	24158 8
5,5	300	360	28537 7
6	50	110	15622 6
6	100	160	15623 3
6	150	210	16813 7
6	200	260	15658 5
6	300	360	22263 1
6	400	460	28484 4
6	550	600	28485 1
6,5	50	110	18308 6
6,5	100	160	19350 4
6,5	150	210	16304 0
6,5	200	260	23645 4
6,5	300	360	28085 3
7	50	110	19874 5
7	100	160	15625 7
7	150	210	21687 6
7	300	360	28486 8
8	50	110	15966 1
8	100	160	15626 4
8	150	210	15627 1
8	200	260	15659 2
8	250	310	16934 9
8	300	360	28487 5
8	400	460	15661 5
8	550	600	21989 1
9	100	160	16152 7
9,5	250	310	27715 0
10	50	110	16465 8
10	100	160	15628 8
10	150	210	15629 5
10	200	260	15630 1
10	250	310	18687 2
10	300	360	16489 4
10	400	460	15967 8
10	550	600	17882 2
10	950	1000	19882 0
10	1350	1400	28488 2
11	100	160	18927 9
12	100	160	15631 8
12	150	210	15632 5
12	200	260	15633 2
12	250	310	15973 9
12	400	450	15969 2
12	550	600	15970 8
12	950	1000	19883 7
12	1350	1400	23418 4
13	100	160	18309 3
13	150	210	28489 9

13	200	250	18310 9
13	250	300	17299 8
13	400	450	22017 0
13	550	600	28490 5
14	100	160	15636 3
14	150	200	15637 0
14	200	250	15638 7
14	250	300	16316 3
14	400	450	16317 0
14	550	600	15971 5
14	950	1000	19884 4
14	1350	1400	24163 2
15	100	160	17394 0
15	150	200	15639 4
15	200	250	15640 0
15	400	450	16661 4
16	100	160	15641 7
16	150	200	15642 4
16	200	250	16930 1
16	250	300	18688 9
16	400	450	15643 1
16	550	600	15972 2
16	750	800	15899 2
16	950	1000	19885 1
16	1350	1400	23419 1
17	150	200	17927 0
17	250	300	27795 2
17	400	450	27796 9
18	150	210	15644 8
18	200	250	17656 9
18	250	300	18689 6
18	400	450	16709 3
18	550	600	15974 6
18	750	800	25888 3
18	950	1000	19886 8
19	150	210	15645 5
19	400	450	15646 2
20	150	200	15647 9
20	200	250	28491 2
20	250	300	18690 2
20	400	450	15648 6
20	550	600	15660 8
20	950	1000	19887 5
22	200	250	15649 3
22	250	300	27798 3
22	400	450	15650 9
22	550	600	23647 8
22	750	800	25890 6
22	950	1000	23648 5
24	200	250	15651 6
24	400	450	17247 9
25	200	250	15652 3
25	250	300	22340 9
25	400	450	15653 0
25	950	1000	23649 2
26	200	250	21935 8
26	400	450	15654 7

2018



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get a bit more

2018

Bionic Pro SDS-plus Hammer Bit Sets

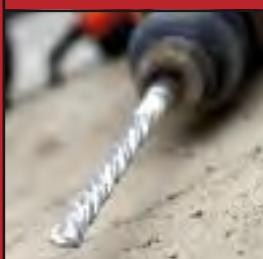


			Art. 4010159-
* Dia. 5/6/8 x 50/110	3	17748 1	
** Dia. 5/6 x 50/110, Ø 8/10 x 100/160	4	16490 0	
*** Dia. 6/6/8/10 x 100/160	5	16895 3	
**** Dia. 5/6 x 50/110, Ø 6/8/10 x 100/160	5	16491 7	
***** Dia. 5/6/8 x 50/110, Ø 6/8/10/12 x 100/160	7	16315 6	
***** Pointed / flat / spade chisel & Bionic 6/8 x 100/160	5	26288 0	
***** 40-piece (5 ea.) Dia. 6 x 50/110, dia. 6/8/10/12 x 100/160 Dia. 8/10/12 x 150/210	40	23243 2	



2018

Bionic Pro SDS-plus Hammer Bit Multi-Packs



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				Art. 4010159-
4.0	50	110	10	22162 7
5.0	50	110	10	19440 2
5.0	100	160	10	19441 9
5.5	100	160	10	23843 4
6.0	50	110	10	19442 6
6.0	100	160	10	19443 3
6.0	150	210	10	23345 3
7.0	100	160	10	23844 1
8.0	50	110	10	19444 0
8.0	100	160	10	19445 7
8.0	150	210	10	19446 4
8.0	200	260	10	19459 4
10.0	100	160	10	19447 1
10.0	150	210	10	19448 8
10.0	200	260	10	23346 0
12.0	100	160	10	19449 5
12.0	150	210	10	19450 1
12.0	200	260	10	23347 7
14.0	100	160	5	19451 8
14.0	150	200	5	19452 5
14.0	200	250	5	23348 4
16.0	150	200	5	19453 2
6.0	50	110	50	19455 6
6.0	100	160	50	19456 3
6.0	150	210	50	26008 4
8.0	100	160	50	19457 0
8.0	150	210	50	25169 3
10.0	100	160	50	19458 7
10.0	150	210	50	26009 1
12.0	100	160	50	25171 6
12.0	150	210	50	26010 7



Concrete	★★
Gas concrete/YTONG	★★★
Sand-lime brick	★★★
Brickwork	★★★
Stone	★

TRIED AND TESTED IN CONCRETE AND STONE

- For all concrete and stone applications
- Effective removal of dust thanks to aggressive tip and spiral design
- Certified by the Prüfgemeinschaft Mauerbohrer (PGM) in accordance with the requirements of the Deutsches Institut für Bautechnik (DIBt)



Art.
4010159-



Art.
4010159-

4.0	50	110	26837 0
4.0	100	160	25300 0
5.0	50	110	25301 7
5.0	100	160	25302 4
5.5	50	110	25303 1
5.5	100	160	25304 8
5.5	150	210	25305 5
6.0	50	110	25306 2
6.0	100	160	25307 9
6.0	150	210	25308 6
6.0	200	260	26838 7
6.5	100	160	25309 3
6.5	150	210	25310 9
7.0	50	110	25311 6
7.0	100	160	25312 3
7.0	150	210	25313 0
8.0	50	110	25314 7
8.0	100	160	25315 4
8.0	150	210	25316 1
8.0	200	260	25317 8
9.0	100	160	25318 5
9.0	150	210	25319 2
10.0	50	110	26839 4
10.0	100	160	25320 8
10.0	150	210	25321 5
10.0	200	260	25322 2
10.0	250	310	25323 9
10.0	400	450	26840 0
12.0	100	160	25325 3
12.0	150	210	25326 0
12.0	200	260	25327 7
12.0	250	310	25328 4
12.0	400	450	26841 7
14.0	100	160	25329 1
14.0	150	210	25330 7

14.0	200	250	25331 4
14.0	250	310	25332 1
14.0	400	450	26842 4
16.0	100	160	25333 8
16.0	150	210	25334 5
16.0	250	300	25335 2
16.0	400	450	26843 1
18.0	200	260	26844 8
18.0	250	300	26845 5
18.0	400	450	26846 2
20.0	250	300	26847 9
20.0	400	450	26848 6
22.0	400	450	26849 3
25.0	400	450	26850 9



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2017

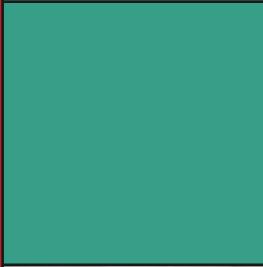
Prefix SDS-plus Hammer Bit Boxes



4.0	100	160	25	25340 6
5.0	50	110	25	25341 3
5.0	100	160	25	25342 0
5.5	50	110	25	25343 7
5.5	100	160	25	25344 4
5.5	150	210	25	25345 1
6.0	50	110	25	25346 8
6.0	100	160	25	25347 5
6.0	150	210	25	25348 2
6.0	200	260	25	26852 3
6.5	100	160	25	25349 9
7.0	50	110	25	25351 2
7.0	100	160	25	25352 9
7.0	150	210	25	25353 6



8.0	50	110	25	25354 3
8.0	100	160	25	25355 0
8.0	150	210	25	25356 7
8.0	200	260	25	25357 4
9.0	100	160	25	25358 1
9.0	150	210	25	25359 8
10.0	50	110	10	26853 0
10.0	100	160	10	25360 4
10.0	150	210	10	25361 1
10.0	200	260	10	25362 8
10.0	250	310	10	25363 5
10.0	400	450	10	26854 7
12.0	100	160	10	25365 9
12.0	150	210	10	25366 6
12.0	200	260	10	25367 3
12.0	250	310	10	25368 0
12.0	400	450	10	26855 4
14.0	100	160	10	25369 7
14.0	150	210	10	25370 3
14.0	200	250	10	25371 0
14.0	250	310	10	25372 7
14.0	400	450	10	26856 1
16.0	100	160	10	25373 4
16.0	150	210	10	25374 1
16.0	250	300	10	25375 8
16.0	400	450	10	26857 8
18.0	200	260	10	26858 5
18.0	250	300	10	26859 2
18.0	400	450	10	26860 8
20.0	250	300	10	26861 5
20.0	400	450	10	26862 2
22.0	400	450	10	26863 9
25.0	400	450	10	26864 6



2017

Prefix SDS-plus Hammer Bit Set



4010159-

5/6/8 x 50/110
6/8/10/12 x 100/160

7

26594 2

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Concrete	★★
Gas concrete/YTONG	★
Granite	★★★
Sand-lime brick	★★
Clinker	★
Aerated concrete	★
Marble	★★★
Brickwork	★
Stone	★★★
Natural stone	★★★



UP TO EVEN THE TOUGHEST JOBS

- ▶ Simple and clean starting in the hardest of materials thanks to integrated centre point
- ▶ GPC tungsten carbide cutting edges for maximum power concentration on the drilling head
- ▶ Twinmax spiral form guarantees optimised transfer of the impact energy
- ▶ Ideal for fastening work on natural stone and granite slabs

GPC cutting edges with centre point



mm Ø	mm L	mm E	Art. 4010159-
4.0	50	110	24543 2
6.0	50	110	24544 9
8.0	50	110	24545 6
10.0	50	110	24546 3

GraniteMaster SDS-plus Hammer Bit Set

2118

mm Ø	mm L	Art. 4010159-
4/6/8/10	4	10088 5

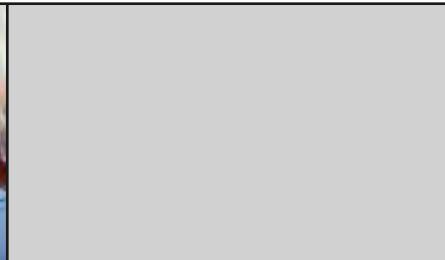
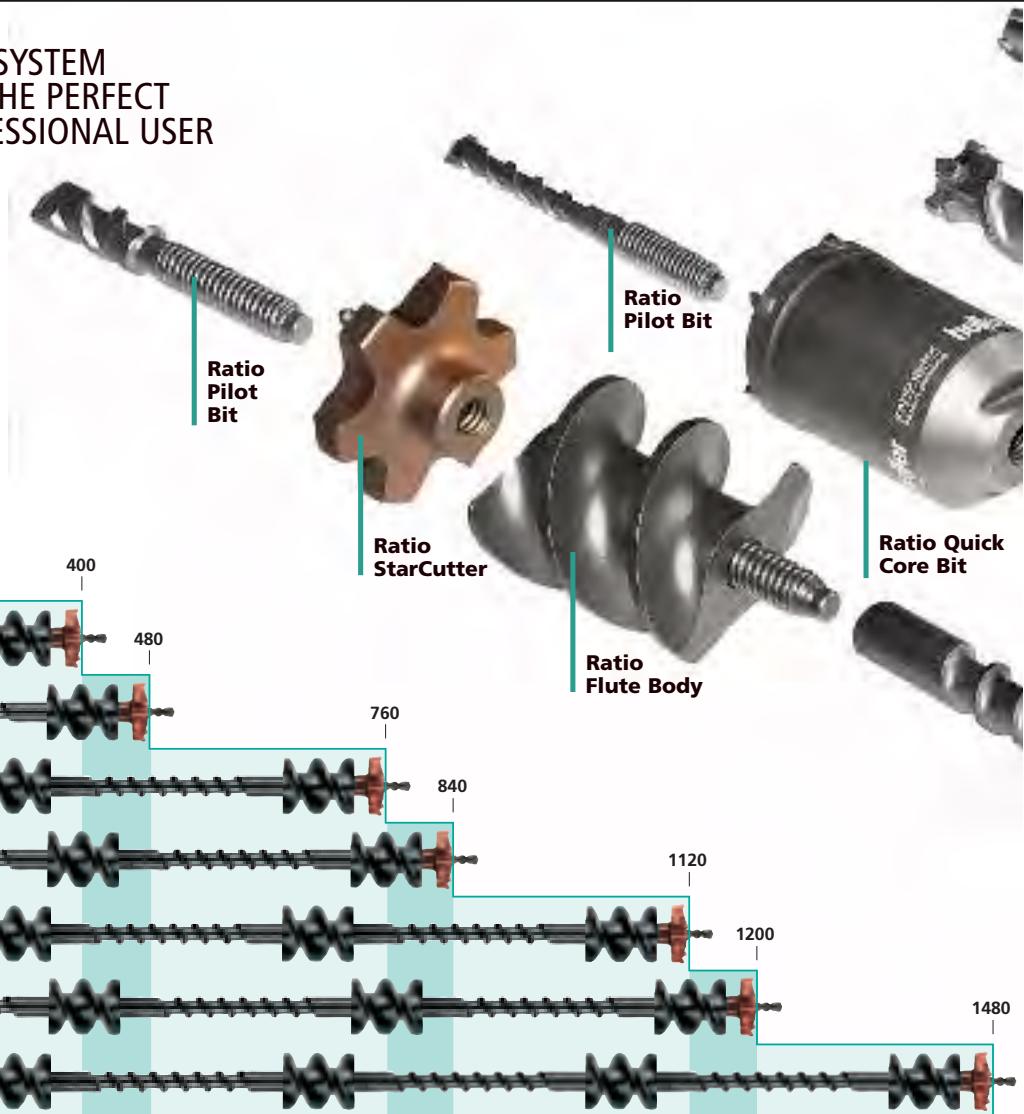


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get a bit more



THE MOST EFFICIENT TOOL SYSTEM FOR ALL HAMMER DRILLS. THE PERFECT EQUIPMENT FOR THE PROFESSIONAL USER

- Maximum flexibility
- Diameter from 12-160 mm
- Tool length up to 1,480 mm
- For universal use with all hammer drills



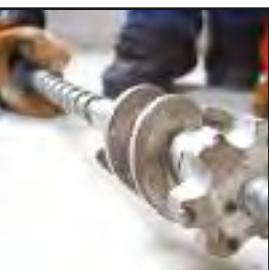
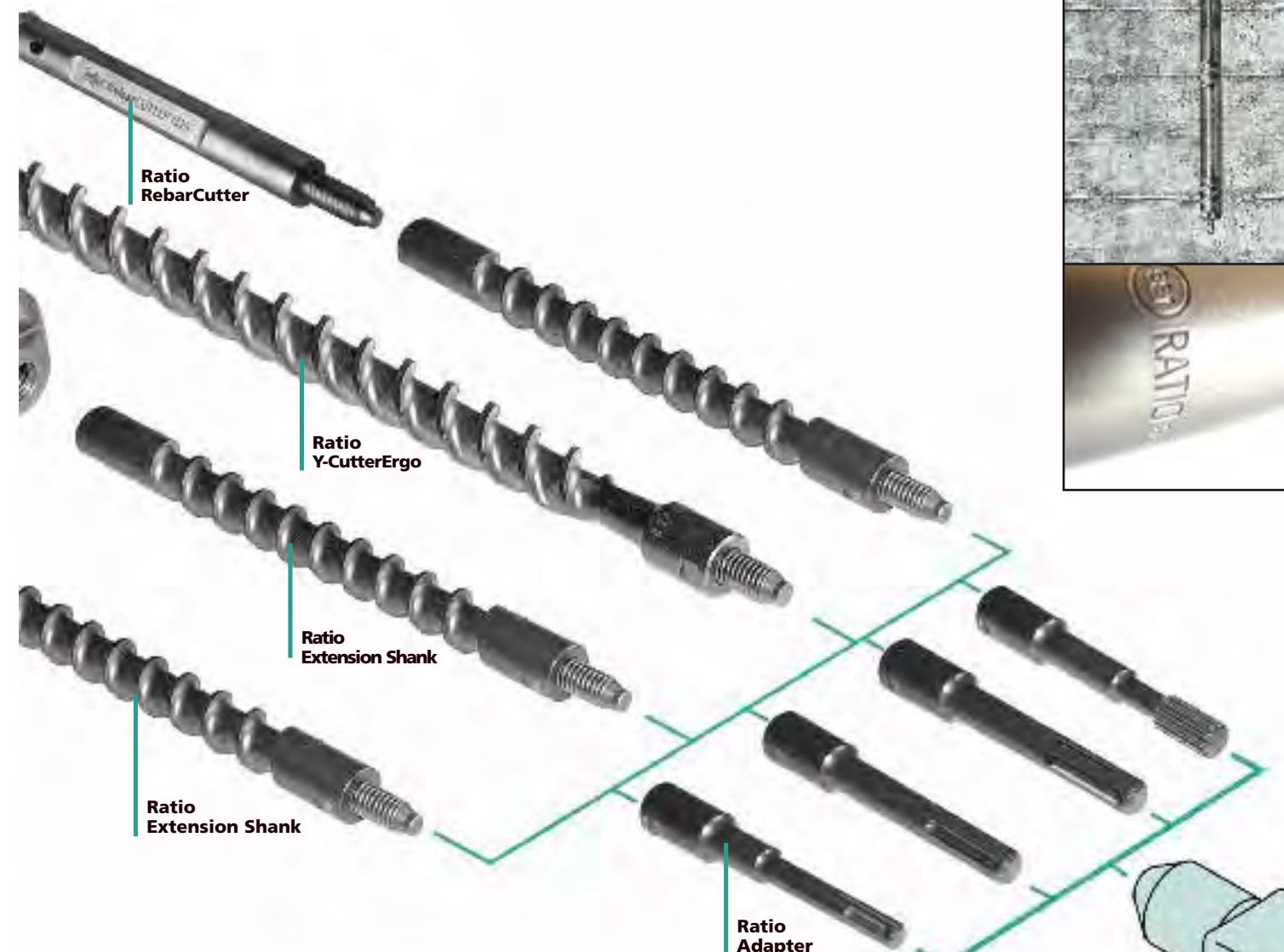
The Heller RatioSystem is a tool system where all the individual components can be combined with one another: StarCutter drill head, RatioQuick core bit, Y-CutterErgo hammer bit and RebarCutter reinforcement drill bit and pilot bit, flute body, extension shank and adapter.

Depending on the diameter and desired drill hole depth, the individual components can be combined using the system's secure screw connections to meet the demands of the job in hand. The precision-manufactured Ratio special thread ensures the tool is securely fixed when in use whilst also allowing easy dismantling after use.

The RatioSystem facilitates working tool lengths of 1,480 mm – with first-class results. The possible drill hole diameters range from 12 to 160 mm – thus expanding the system's wide range of possible applications.

Note: Please observe the information provided on applications.

Heller RatioSystem. The perfect equipment for the professional user.

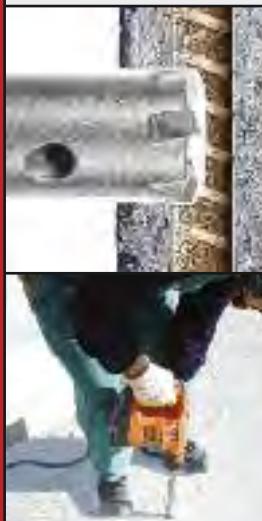


heller
get a bit more

2310

RebarCutter Reinforcement Drill Bits

★★★ Concrete reinforcement



Embedded and individually soldered tungsten carbide teeth



REINFORCEMENT'S WORST ENEMY

- Hammers through the usual construction reinforcements up to 10 mm
- Extreme durability thanks to embedded and individually soldered tungsten carbide teeth
- Optimised transmission of impact energy through use of the SDS-plus Ratio adapters
- High drilling speed and extremely long service life
- Please note: You should only cut through reinforcements with the approval of the structural engineer

Art.
4010159-

12.0	190	230	24600 2
14.0	190	230	24601 9
16.0	190	230	24602 6
18.0	190	230	24603 3
20.0	190	230	24604 0
25.0	190	230	24605 7
28.0	190	230	24606 4
30.0	190	230	24607 1

For use in hammer drills with SDS-plus adapter

For reinforcement drilling < 12 mm dia. = Bionic SDS-plus hammer drill

For reinforcement drilling > 30 mm dia. = SDS-max Ratio Quick & SuperQuick core bits

Note: Please order an SDS-plus adapter separately

2310

RebarCutter Reinforcement Drill Bit Set

Art.
4010159-

Dia. 14/16/18 x 230, SDS-plus Adapter

3

24599 9

RatioSystem Accessories

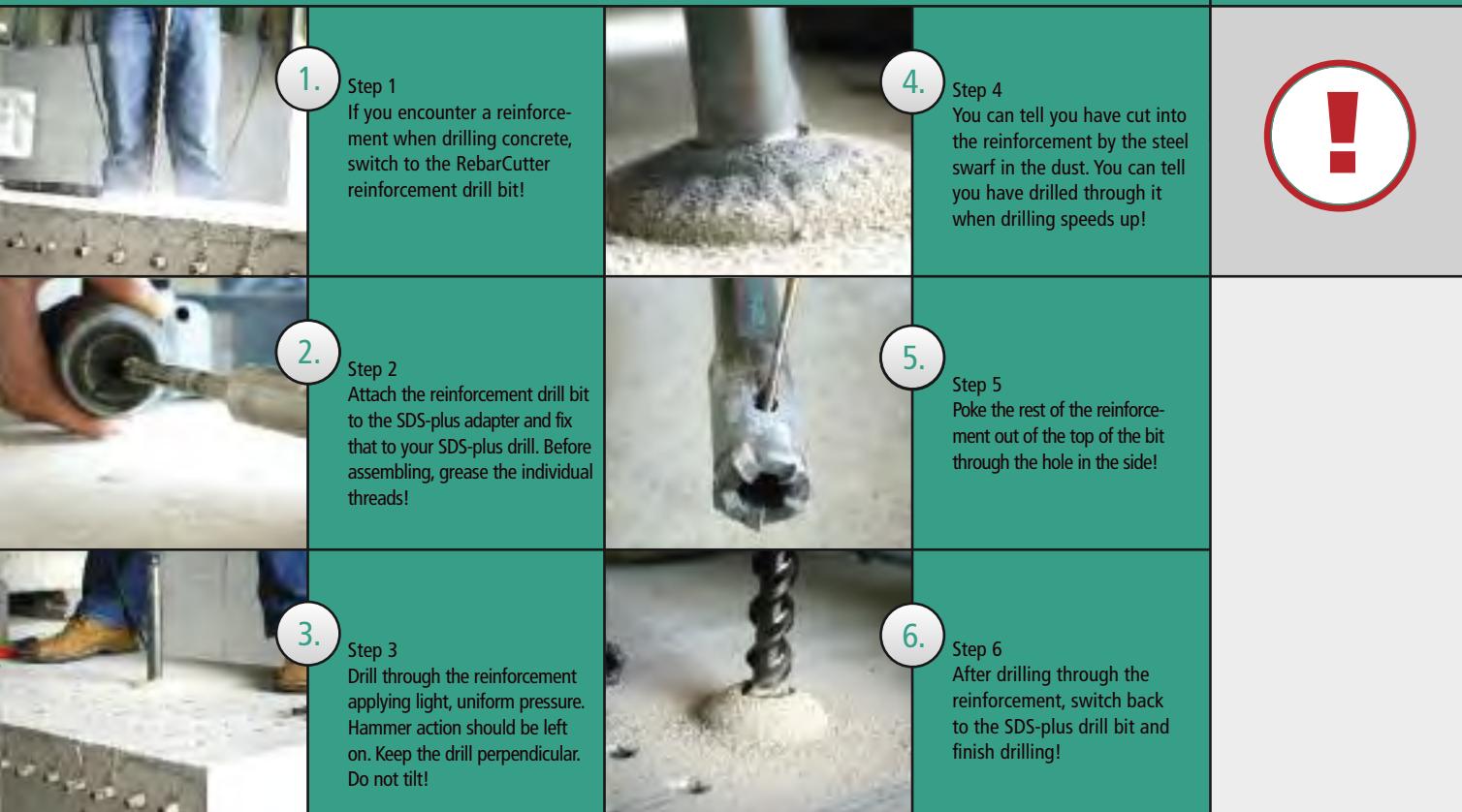
**heller**
get a bit moreArt.
4010159-

Thread grease (200 g)

19947 6

Connectors (63 mm long)

10232 2



2411

StarCutter Ratio Drill Heads



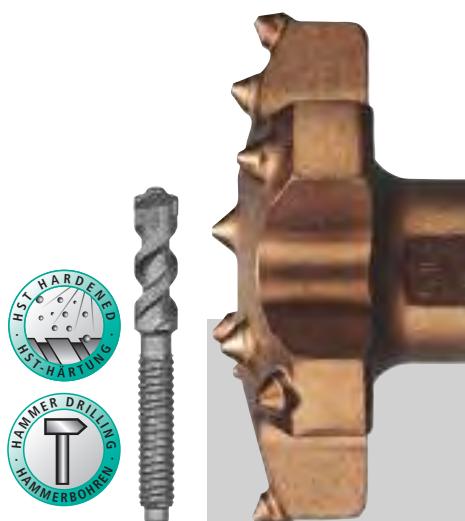
POWER THROUGH BRICKWORK – FLEXIBLE DEPTH AND DIAMETER

- Highest drilling performance and long lifetime thanks to the use of high-alloy special steel
- Fast progress even in hard concrete
- Replaceable pilot bit available in 2 lengths
- Precise drilling even in difficult corners

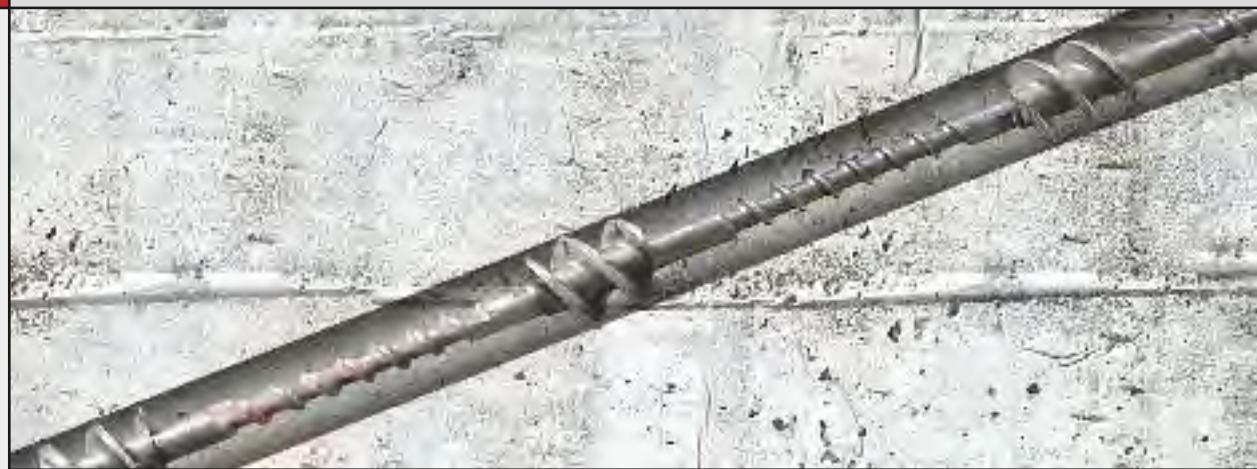
mm Ø	mm L	mm D	Art.
35	40		19933 9
42	40		19934 6
52	40		19935 3
65	40		19936 0
80	40		19937 7
90	40		19970 4
100	40		19938 4
110	40		19969 8
125	40		19939 1

2208 Pilot Bit

18	50	125	19945 2
18	100	175	19946 9



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get a bit more



OPTIMUM REMOVAL OF DUST – ALMOST UNLIMITED LENGTH AND DIAMETER

- ▶ Ensures removal of large quantities of dust
- ▶ Ensures stability for deeper drilling
- ▶ Versatile extension shank for the entire Ratio system
- ▶ Facilitates great drilling depths (depending on material)



For dia. mm

Art.
4010159-

2412 Ratio Flute Body

32	80	115	35-42	19941 4
47	80	115	52	19942 1
63	80	115	65-68	19943 8
78	80	115	80-160	19944 5

2281 Ratio Extension Shank

25	280	320	-	10231 5
----	-----	-----	---	---------

2400

StarCutter Ratio Cases


Art.
4010159-

StarCutter Drill Head	65	
StarCutter Flute Body	63	
Pilot Bit	18x50/125	
Pilot Bit	18x100/175	
Ratio Extension Shank		
Ratio Adapter		
Ratio Thread Grease		
Total		19950 6
StarCutter Case, empty		19948 3



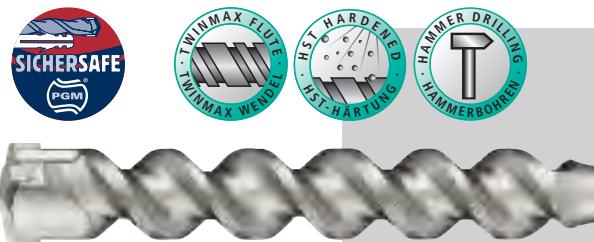
Concrete	★★★
Concrete reinforcement	★★
Gas concrete/YTONG	★★
Granite	★★
Sand-lime brick	★★★
Clinker	★★★
Aerated concrete	★★★
Marble	★
Brickwork	★★★
Stone	★★★

THREE CUTTING EDGES – TWICE AS GOOD: UNIQUE!

- 3-D cutting edge profile in Y-form for exact positioning and perfect starting
- Long service life and low probability of breakage even on impact with reinforcements, thanks to the highly effective technique of hardening by blasting
- High drilling speed thanks to wide Twinmax spiral and customised head geometry
- Optimum low-vibration drilling protects the user
- Certified by the Prüfgemeinschaft Mauerbohrer (PGM) in accordance with the requirements of the Deutsches Institut für Bautechnik (DIBt)



mm	mm	mm	Art.
16	410	475	21031 7
18	250	325	21032 4
20	250	325	21033 1
20	410	475	21034 8
22	250	325	21035 5
25	410	475	21037 9
30	410	510	21038 6



RatioQuick Core Bits



Concrete	★★★
Concrete reinforcement	★★
Gas concrete/YTONG	★★★
Granite	★
Sand-lime brick	★★★
Clinker	★★★
Aerated concrete	★★★
Marble	★
Brickwork	★★★
Stone	★★★

GREAT DEPTHS – DRILLED QUICKLY AND CLEANLY

- Enhanced removal of dust thanks to alternating sequence of flat & pointed teeth
- Extremely robust and long service life
- Extremely quick advance thanks to edge-grinding of the drill hole
- Effective penetration even in reinforced concrete
- Length and diameter of the tool in the Ratio system can be freely configured



mm	mm	mm	Number of tungsten carbide teeth	Art.
40	80	105	6	23390 3
50	80	105	6	23391 0
65	80	105	6	23392 7
68	80	105	6	23393 4
80	80	105	8	23394 1
90	80	105	8	23395 8
100	80	105	10	23396 5
125	80	105	12	23397 2
150	80	105	14	23400 9

2206 Pilot Bit

12	-	155	-	10230 8
----	---	-----	---	---------



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get a bit more



Shank

4010159

AEG, Atlas Copco, B&D, Bosch, Elu, DeWalt, Hilti, Hitachi, Kango, Kress, Makita, Metabo, Milwaukee, Peugeot, Ryobi, Skil, Upat, Würth	18	SDS-plus	15547 2
AEG, Atlas Copco, B&D, Bosch, Duss, Elu, DeWalt, Hilti, Hitachi, Kango, Kress, Makita, Metabo, Milwaukee, Peugeot, Ryobi, Skil, Upat, Würth	25	SDS-max	10243 8
AEG, Atlas Copco, B&D, Bosch, Makita, Metabo, Milwaukee, Ryobi, Upat	23	Spline (large)	10236 0
Hitachi, Makita	09	6-kant / 13 mm	16828 1
Hitachi DH50SA, Kango 950, Makita	14	6-kant / 19 mm	16882 3
Kango, Peugeot	08	6-kant / 14,15 mm	10256 8
Duss P20/P28	04	6-kant / 13 mm	10245 2
Duss PO32/P36/P60 (nicht für Duss P80 geeignet)	15	6-kant / 19 mm	10246 9
Wacker EHB 10/EHUB 10Y/EHB 10/220, Metabo Mh E 10S, Impex DS 120	42	6-kant / 19 mm	10282 7

Accessories



4010159

2021 SDS-plus Adapter, 1/2" Thread for Drill Chuck	19413 6
2021 SDS-plus Adapter. for 1/4" Bits (size 6.35 mm) for screwing & positioning anchor rods M8 - M16	22836 7
2025 SDS-plus coupling for SDS-max Adapter	21759 0
2023 SDS-plus coupling for spline Adapter	15681 3

2030 Drill Chuck Accessories

Chuck dia. in mm

Toothed rim Drill Chuck with key	1/2"-20 UNF	1.5-13	50104 0
Toothed rim Drill Chuck with key and SDS Adapter	1/2"-20 UNF	1.5-13	50105 7
Quick-action Drill Chuck	3/8"-24 UNF	1.5-10	50106 4
Quick-action Drill Chuck	1/2"-20 UNF	2-13	50107 1

2035 Chuck key for Drill Chuck

Jacobs	Röhm	Vitrex		
KG	S 14	No. 10	Small	50108 8
K 30	S 8	No. 30	10 teeth	50109 5
S 2	S 2	No. 34	12 teeth	50110 1

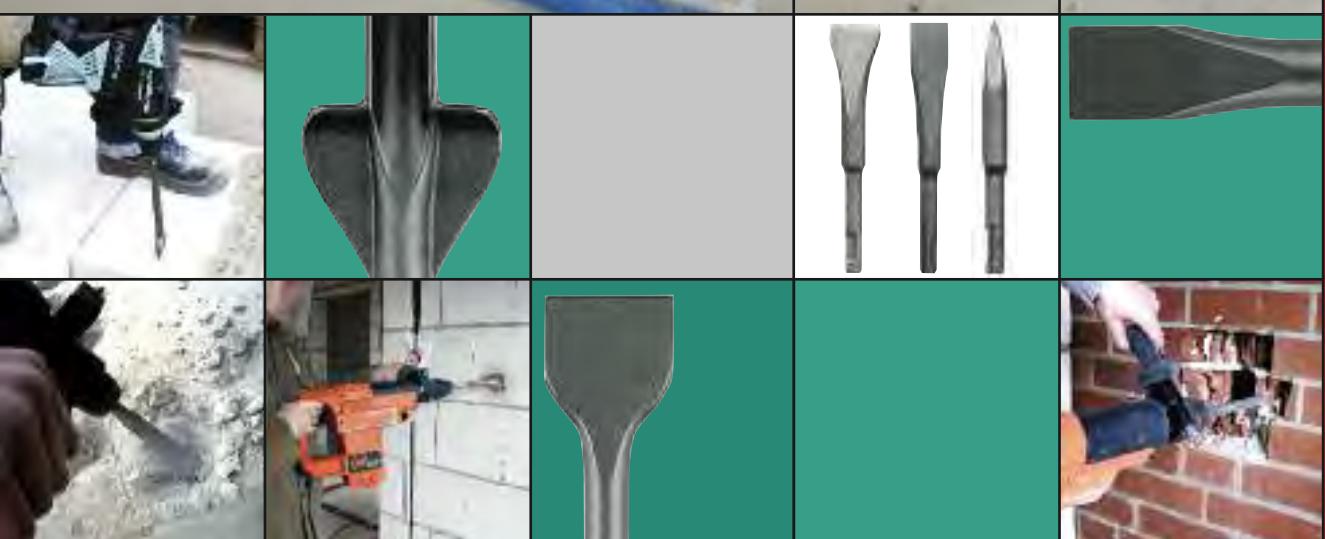
heller
get a bit more



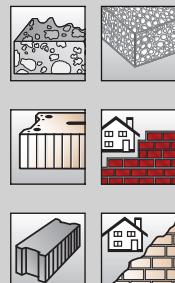
CHISELS



CHISELS



- ★★★ Concrete
- ★★★ Gas concrete/YTONG
- ★★★ Sand-lime brick
- ★★ Clinker
- ★★★ Aerated concrete
- ★★★ Brickwork
- ★★ Stone



SDS-PLUS CHISELS – STRONG AND POWERFUL IN STONE AND CONCRETE

- The right chisel every time for large-scale demolition work or precise mortising
- Long service life thanks to low-wear tool steel and special hardening techniques
- Robust, resharpenable design

SDS-MAX CHISEL – FOR ULTIMATE CLEARANCE WORK ON CONCRETE AND STONE

- The right chisel for every application, be it for large-scale demolition work or the specific removal of stone
- Long service life thanks to wear-resistant tool steel and specially developed technique of hardening by blasting
- Robust, resharpenable design

POINTED CHISEL

For laying lines and for all chisel/demolition work and penetration



FLAT CHISEL

For the specific breaking up of material and all chisel/demolition work and penetration



SPADE CHISEL

For the universal removal of material on a large scale



CHASING CHISEL

for drawing channels, mortices and grooves



MORTAR RAKING CHISEL

For removing and cleaning joints in brickwork and mortar



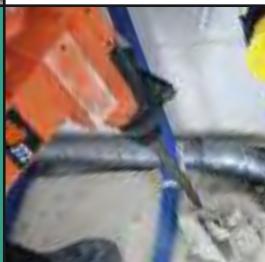
GOUGE

For drawing narrow channels in concrete & brickwork



TOOTHED CHISEL

For renovation work on brickwork and joints



**WINGED CHISEL**

For mortices, grooves & drawing channels with a depth gauge

**TUNGSTEN CARBIDE MORTAR CHISEL**

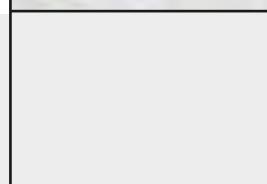
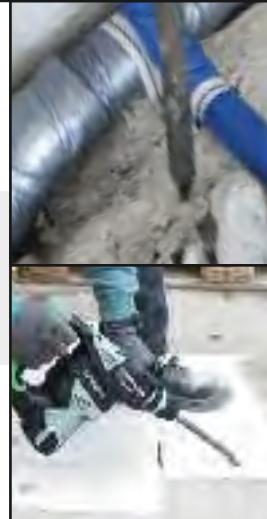
For removing & cleaning joints & brickwork with an extra long service life

**MORTAR CHISEL**

For removing & cleaning joints and brickwork

**TILE CHISEL**

For removing tiles

**SDS-plus Power Chisels**

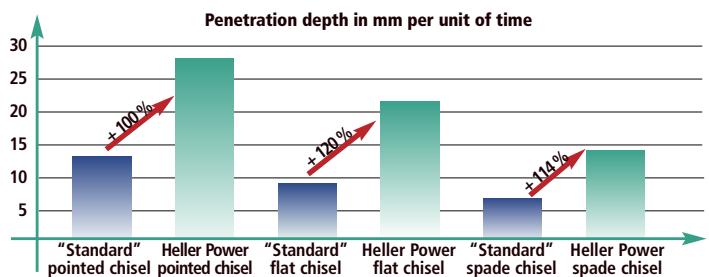
2011



Concrete	★★★
Gas concrete/YTONG	★★★
Sand-lime brick	★★★
Clinker	★★
Aerated concrete	★★★
Brickwork	★★★
Stone	★★

**THE SMALL CHISEL THAT PACKS A MIGHTY PUNCH!**

- Considerably higher stock removal rate thanks to smaller, lighter chisel design
- Quicker results thanks to increased power transmission via reduced chisel length
- Extremely long service life thanks to increased hardness of the cutting edge
- No risk of breakage through improper use thanks to the shorter chisel length
- Improved safety in the workplace thanks to shorter chiselling times and lower physical stress for the operator
- Hammer drill used is subjected to lower loads
- Available versions: Pointed chisel 140 mm, Flat chisel 22 x 140 mm, Spade chisel 30 x 140 mm



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get a bit more

SDS-plus Power Chisels

Width
mm
Art.
4010159-

Power pointed Chisel	-	140	26279 8
Power flat Chisel	22	140	26280 4
Power spade Chisel	30	140	26281 1

Pack

* Pointed / Flat / Spade Chisel & Bionic 6/8 x 100/160 mm	26288 0
Pointed / Flat / Spade Chisel	27463 0

2011

SDS-plus Chisels

Width
mm
Clip of 1
Art.
4010159-

Box of 5
Art.
4010159-

Pointed Chisel	Round, 11 mm	250	16114 5	23368 2
Pointed Chisel	4-kant, 14 mm	250	19620 8	22884 8
Flat Chisel	20	250	19621 5	22885 5
Spade Chisel	40	250	19622 2	22886 2
Gouge	22	250	19623 9	23372 9
Tile Chisel	40	250	22833 6	23374 3
Winged Chisel	22	250	22835 0	-
Mortar Chisel	6	250	19624 6	23373 6
Tile Chisel	75	165	16811 3	-
Tung. carb. mortar Chisel	32	125	19771 7	-
Tung. carb. mortar Chisel	32	200	19772 4	-



2511

SDS-max Chisels

Width
mm
Clip of 1
Art.
4010159-

Box of 5
Art.
4010159-

Pointed Chisel	-	280	21000 3	23376 7
Pointed Chisel	-	400	21001 0	22879 4
Pointed Chisel	-	600	21002 7	22880 0
Flat Chisel	25	280	21003 4	23379 8
Flat Chisel	25	400	21004 1	22881 7
Flat Chisel	25	600	21005 8	22882 4
Spade Chisel	50	400	21006 5	22883 1
Spade Chisel	75	300	21007 2	23383 5
Spade Chisel	115	350	25889 0	-
Chasing Chisel	32	300	21009 6	-
Gouge	26	300	21008 9	23389 7
Toothed Chisel	32	300	21010 2	-
Mortar raking Chisel	10	300	21011 9	23387 3
Tile Chisel	50	300	22832 9	23388 0
Winged Chisel	35	380	22834 3	-


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CONCRETE & MASONRY DRILL BITS



CONCRETE & MASONRY DRILL BITS



Technical details

Quality features

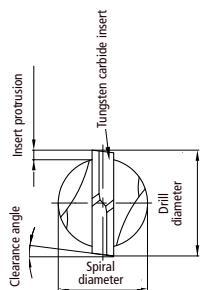
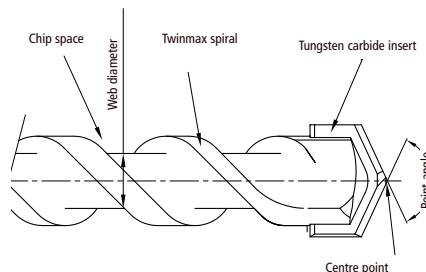
Special concrete & masonry drill bits are used for drilling in brickwork and concrete.

For the proper installation of components, drill bits from a certified manufacturer should be used. The drill-hole tolerances may be exceeded if you use drill bits which have not been monitored during production. Bits with too much true-running deviation or too high tolerances in the tungsten carbide cutting edge can result in drill holes with not enough grip for an anchor. In the extreme, the installed elements will loosen and cause severe damage.

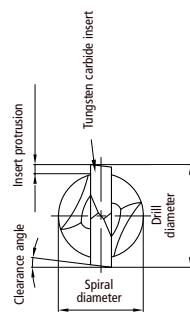
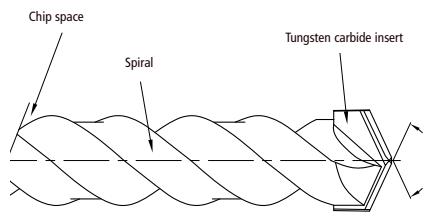
In the case of concrete drill bits, it is even recommended that you only use products which have been manufactured in accordance with the guidelines of the Prüfgemeinschaft Mauerbohrer (PGM), an independent institute. You can recognise this by the quality mark or the symbol stamped on the drill bit.



3000 ProConcrete



3015 ProStone



Speeds

When percussion drilling, work at a speed of 2500-3000 rpm regardless of diameter.

Drilling techniques



PERCUSSION DRILLING

Concrete, sand-lime brick, natural stone, brickwork, clinker

ROTARY DRILLING

Gas-concrete, fired tiles, fibre-reinforced cement, light sand-lime brick, wall tiles



Tips and tricks



Material suitability

Percussion drill bits are designed for use on brickwork, stone and, in some cases, concrete. The soldered-in tungsten carbide insert in concrete drill bits even withstands impacts with reinforcements. However, special products are required to cut through reinforcements



Cleaning the drill hole

Before installing an anchor, it is essential to remove material residue from the drill hole to ensure optimum grip for the anchor

Heller quality for consistently good results



Heller only uses the best steels and tungsten carbide inserts for its concrete & masonry drill bits. At the same time, precise workmanship is a priority, which shows, for example, in the exact alignment and soldering of the tungsten carbide inserts and in low true-running errors. And, of course, aspects such as ergonomics and work safety also play a crucial role. We let the demands of the professional user be our guide. Ultimately, all Heller products make the tradesman's work speedier and more economical.



Concrete	★★
Hard-fired tiles	★★
Gas concrete/YTONG	★★★
Granite	★★
Sand-lime brick	★★★
Clinker	★★★
Aerated concrete	★★★
Marble	★★★
Brickwork	★★★
Stone	★★★
Wall tiles	★★★
Roof tiles	★★★



POWERFUL. DURABLE. CONVENIENT: OUR NEW MULTI-TALENTED DRILL BIT

- Impressive service life and excellent centering behaviour
- 3-edged shank prevents slipping in the drill chuck
- A wide range of applications and perfect centering thanks to ground carbide plates
- The multitalent – not just for drilling in:
Concrete, granite, marble, masonry, stoneware, sand lime brick, stone
- Excellent speed thanks to optimised head geometry and large volume helix design
- Special tempering technique (HST-hardening) ensures extreme performance characteristics



mm	inch	mm	Art.
4.0	45	115	28245 1
4.5	45	115	28246 8
5.0	50	115	28247 5
5.5	50	115	28248 2
6.0	60	125	28249 9
6.0	110	175	28250 5
6.5	60	125	28251 2
7.0	60	125	28252 9
8.0	80	145	28253 6
9.0	80	145	28254 3
10.0	80	145	28255 0
12.0	90	150	28256 7
14.0	90	150	28257 4

ProXtreme Drill Bit Sets

mm	inch	Art.
* 5/6/8	3	28262 8
** 5/6/8/10	4	28263 5
*** 4/5/6/8/10	5	28264 2



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get a bit more

3000

ProConcrete Concrete & Masonry Drill Bits

- ★★★ Concrete
- ★ Fired tiles
- ★★★ Gas concrete/YTONG
- ★ Granite
- ★★★ Sand-lime brick
- ★★★ Clinker
- ★★★ Aerated concrete
- ★★ Marble
- ★★★ Brickwork
- ★★★ Stone
- ★★ Wall tiles
- ★★ Roof tiles



THE CLASSIC CHOICE FOR CONCRETE & STONE

- Long service life thanks to optimised carbide geometry with enlarged point angle
- Impressive speed thanks to optimised head design with wide outlet and large volume „Twinmax-G2“ helix
- Special tempering technique (HST-hardening) for the surface guarantees good break resilience
- For all applications in concrete, masonry, sand lime brick and stone



Extra strong soldering



mm Ø	45	85	10000 7
4.0	45	85	10001 4
5.0	50	90	10003 8
5.0	110	150	10026 7
5.5	50	90	10004 5
6.0	60	100	10005 2
6.0	110	150	10027 4
6.5	60	100	10006 9
7.0	60	100	10007 6
8.0	80	120	10008 3
8.0	150	200	10028 1
8.0	340	400	18001 6
9.0	80	120	10010 6
10.0	80	120	10011 3
10.0	150	200	10029 8
10.0	340	400	18002 3
12.0	90	130	10013 7
12.0	150	200	10030 4
12.0	340	400	18004 7
14.0	90	150	10015 1
14.0	340	400	18006 1
16.0	90	150	10016 8
16.0	340	400	18008 5
18.0	100	160	10017 5
20.0	100	160	10018 2



3000

ProConcrete Drill Bit Sets

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get a bit more



* 5/6/8	3	17751 1
** 5/6/8/10	4	16873 1
*** 4/5/6/8/10/12	7	16884 7

ProConcrete Concrete Drill Bit Eco Boxes

3000

				Art. 4010159-
4.0	45	85	10	19474 7
5.0	50	95	10	19475 4
6.0	60	100	10	19476 1
8.0	80	120	10	19477 8
10.0	80	120	10	19478 5
12.0	90	150	5	19479 2
14.0	90	150	5	19480 8



ProStone Masonry Drill Bits

3015



Concrete	★
Gas concrete/YTONG	★★★
Granite	★
Sand-lime brick	★★★
Clinker	★★
Aerated concrete	★
Marble	★
Brickwork	★★★
Stone	★★
Wall tiles	★
Roof tiles	★

FAST – GOOD – RELIABLE

- The high-speed drill bit – ideal for use with cordless drills
- Rapid removal of drillings thanks to 4-spiral flute body
- Long service life thanks to robust tungsten carbide insert and special surface hardening
- Optimised for repetitive applications in brickwork

			Art. 4010159-
4.0	35	75	18017 7
4.0	110	150	24608 8
5.0	45	85	18018 4
5.0	110	150	18019 1
5.5	50	95	19279 8
5.5	110	150	19281 1
6.0	60	100	18020 7
6.0	110	150	18021 4
6.5	60	100	18022 1
7.0	60	100	18024 5
7.0	110	150	19282 8
8.0	80	120	18025 2
8.0	135	200	18026 9
10.0	80	120	18027 6
10.0	135	200	18028 3
12.0	90	150	18029 0
12.0	150	220	18030 6
14.0	90	150	18032 0
16.0	90	150	18033 7
18.0	100	160	18034 4
20.0	100	160	18035 1

Extra strong soldering



4-spiral flute body



heller
get a bit more

3015

ProStone Sets



Art.
4010159

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

3075

QuickBit® TurboStone Concrete & Masonry Drill Bits

- ★★ Concrete
- ★ Fired tiles
- ★★★ Gas concrete/YTONG
- ★ Granite
- ★★★ Sand-lime brick
- ★★ Clinker
- ★★★ Aerated concrete
- ★★ Marble
- ★★ Brickwork
- ★★ Stone
- ★★ Wall tiles
- ★★ Roof tiles



TURBO-CHARGE THROUGH STONE AND CONCRETE

- Designed for a variety of drilling applications in interior finishing
- Wide Twinmax spiral makes for fast advance and optimum removal of drillings
- Heller QuickBit® products: perfectly compatible with cordless drills
- 1/4" hex. shank prevents the drill bit from slipping in the drill chuck



Art.
4010159

4.0	60	100	25996 5
5.0	60	100	25940 8
6.0	60	100	25941 5
8.0	80	100	25943 9
10.0	80	120	25944 6

3075

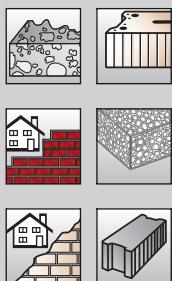
QuickBit® TurboStone Sets

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get a bit more



Art.
4010159

* 4/5/6/8/10	5	25991 0
** Multimat Ø 2/3/4/5/6/8/10, TurboStone Ø 5/6/8/10, 1 Adapter, 1 Deburring Countersink, 13 Bits	26	27306 0
** Multimat Ø 2/3/4/5/6/7/8, TurboStone Ø 5/6/7/8, 1 Adapter, 1 Deburring Countersink, 13 Bits	26	27307 7



Concrete	★★★
Gas concrete/YTONG	★★★
Sand-lime brick	★★★
Clinker	★★
Aerated concrete	★★★
Marble	★★
Brickwork	★★
Stone	★★★
Wall tiles	★★



COMPELLING ARGUMENTS FOR ROUND SOCKET DRILLING

- Exact true-running for precise drilling
- Ideal for cutting recesses for round sockets or recessed lights in brickwork and concrete
- Durability ensured by hardened steel body with M16 internal screw thread
- Perfectly positioned, embedded, low-wear tungsten carbide teeth



Low-wear
tungsten carbide
teeth

mm	mm	mm	Teeth	Art.
25	50	120	6	23295 1
30	50	120	6	23296 8
35	50	120	6	23297 5
40	50	120	6	18944 6
45	50	120	6	25891 3
50	50	120	6	18945 3
68	50	120	6	23298 2
72	50	120	6	25892 0
80	50	120	6	18947 7
90	50	120	6	18948 4
100	50	120	8	18949 1



Accessories

3226 Pilot Bit
mm



Art.
4010159-

9.0

120

18951 4

3270 Hex. Drive Adapter

hex. size 12	100	18952 1
hex. size 12	300	18953 8

3270/18 SDS-plus Drive Adapter

SDS-plus	110	18954 5
SDS-plus	300	18955 2



Core Bits / Socket Drill Sets

3215
mm



Teeth

Art.
4010159-

Hexagonal

40	50	120	6	18958 3
50	50	120	6	18959 0
68	50	120	6	23341 5
80	50	120	6	18841 8

3215/18

40	50	120	6	19625 3
50	50	120	6	19626 0
68	50	120	6	23342 2
80	50	120	6	19628 4



heller
get a bit more

3390 / 09

HSS, Masonry & Wood Universal Set



Masonry 3015	5/6/8	3	
HSS 901	5/6/8	3	
Wood 333	5/6/8	3	
Total		9	17741 2

3090 / 09

HSS & Masonry Universal Set



Masonry 3015	4/5/6/8	4	
HSS 901	3/4/5/6/8	5	
Total		9	17742 9

EXTREMELY ROBUST

MAXXBOX™

PATENTED DESIGN

DISTINGUISHED. YET AGAIN.



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DIAMOND PRODUCTS



D I A M O N D P R O D U C T S



Technical details

Quality features



Diamond tools – along with tungsten carbide-tipped tools – have established themselves on the market as specialists for very hard materials. Diamond products are the ideal tool for extremely precise, fast and low-vibration use in many materials and also for large-diameter cuts or holes.



Much more than with any other product, trust comes into the purchase of diamond tools. Externally, it is difficult to tell the difference in quality between various core bits or discs. So when choosing the tool, it is all the more important to go for a product from manufacturers who are renowned for quality. Heller has decades of experience in the field of diamond tool manufacturing.



Diamond tools from Heller are easy to use and take little effort – saving the tradesman time and expense: the user can drill holes and make cuts himself, often saving vast amounts of time. There is no need to wait for external contractors – and work does not grind to a halt at the first obstacle.

Structure of a diamond tool

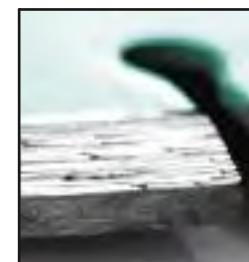
All diamond tools comprise at least two parts, the body ① and the diamond section ②. The parts of the diamond tool which engage in the material, the diamond segments, are just as crucial to cutting efficiency and durability as the connection between the segments and the main body.



Structure and function of diamond segments



Diamond segments are moulded parts custom-made for the tool, made from sintered metal embedded with diamond particles. They are sintered, soldered or welded to the main body. Because of the built up of chips, diamond segments can only be of limited length, so that the waste material can be removed from the chip grooves on the segment surface. Coolant (air or water depending on the application) must therefore be delivered to the segment surface. Another function of the cavities is to remove the grinding dust or drilling mud. In this regard, toothed tools afford advantages. On the other hand, you get less chipping at the edges of the workpieces with tools without teeth – essential for example with tiles.



Technical details

Segment wear

Despite their hardness, even diamond crystals are worn down by the components of the material being worked on – with natural stone, this is mainly due to the mineral quartz. A diamond can wear in different ways: As a result of polishing, micro-fractures or disintegration of the crystal. Eventually, the even smaller grain breaks out of the bond, or the bond releases the not yet completely worn grain. A new diamond grain deeper in the bond is exposed.



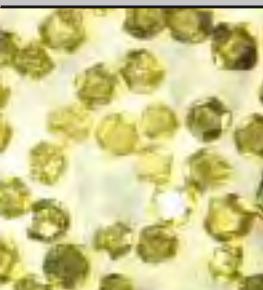
Cutting efficiency and durability

The following parameters are crucial to the perfect diamond tool with high cutting efficiency and durability:

- ▶ Grain size of the diamonds
- ▶ Properties of the diamonds (impact strength, crystal form)
- ▶ Diamond concentration
- ▶ Sintered metal powder, pressure, temperature and length of time in the sintering press
- ▶ Solder to be used & soldering technique or laser welding
- ▶ Dimensions and form of the segments
- ▶ Configuration of the tool (number of segments, distances)



Tips and tricks



Bond / Service life

If the cutting efficiency of the tool drops off sharply after only a few drilling operations, the bond you have chosen is probably too hard for the material you are working on. You should therefore use a softer (more efficient) bond.



Bond / Service life

If the diamond coating of a core bit / disc only lasts a short length of time despite good cutting efficiency, the material you are working on is probably too abrasive for the bond you have chosen. It would be wise to use a tool with a harder diamond bond.



Drop in drill performance

Possible causes of a sharp drop in drill power during work are excessive advance, eccentric or non-linear operation. The drill may also have insufficient power.



Sharpening stone

If the cutting efficiency of diamond tools is no longer adequate, you can improve it significantly by briefly dry-drilling/dry-cutting in a special sharpening stone. The cutting efficiency will diminish if the tool is used on materials for which it is not intended. Insufficient cooling may also be the cause.

Heller quality for consistently good results

Heller uses only the best raw materials for its diamond tools. This shows, for example, in the highly efficient combination of diamonds and sintered metal. Heller sets great store by high-precision segment production and connection of the diamond segments to the steel body to achieve consistently outstanding results in use. And, of course, aspects such as ergonomics and low-vibration also play a crucial role. We let the demands of the professional user be our guide. Ultimately, all Heller products make the tradesman's work speedier and more economical.



Technical details

Correct use of diamond core bits

It is important to follow a few rules in order to get successful results and a long life with your diamond core bits:

- For every drilling diameter there is a suitable speed at which you achieve the optimum result. Choose the speed according to the table below. The speed range of drill motors are usually optimised for special drilling diameters. If your drill is not capable of the recommended speed, use a different drill motor.
- Ideally, you should use water with a diamond core bit. This will markedly increase the service life of your core bit. Water serves as a coolant, so that the diamond segments do not overheat and can be used continuously. The flow of water will also flush the dust out of the drill hole. This will remove the dust, which takes up 2.5 times the volume of solid stone, from the drilling process, the core bit will not heat up as much and the operation will not take as long. The quantity of water you should use varies greatly according to the application. You can use less water for vertical drilling than for horizontal drilling, because the water flows directly out of the drill hole. For brief drilling through a rebar you can use slightly less water, since in this instance the water is primarily needed for cooling, and not for removing the drilling mud. The figures below are an approximation.

Speeds & Cooling

Heller diamond core bits have laser-welded segments. This form of joining withstands significantly higher temperatures than core bits with conventional joining technology. Conventional diamond core bits have soldered segment connections, which break at low loads. Segment shearing-off is significantly reduced in comparison with competitors thanks to the special laser welding. For that reason, it is possible to use them without water for some materials.



DIAMETER	SPEED [RPM]	COOLING WATER [L/MIN.]
10	4000 - 6000	1 - 1,5 l
15	4000 - 4500	1 - 1,5 l
20	2500 - 3400	1 - 1,5 l
25	2000 - 2700	1 - 1,5 l
30	1800 - 2300	1 - 1,5 l
35	1500 - 2000	1 - 1,5 l
40	1250 - 1700	1 - 1,5 l
45	1200 - 1500	1 - 1,5 l
50	1100 - 1400	1 - 1,5 l
55	1000 - 1300	1 - 1,5 l
60	900 - 1200	1 - 1,5 l
70	800 - 1000	1 - 1,5 l
80	700 - 850	1 - 1,5 l
90	650 - 750	1,5 - 2 l
100	600 - 700	1,5 - 2 l
120	500 - 600	1,5 - 2 l
150	450 - 500	1,5 - 2 l
180	400 - 450	2 l
200	300 - 350	2 l

Applications



Concrete, reinforced concrete, fired clinker,
highly compressed sand-lime brick

For dry use, note that the drillings must be continually removed from the drill hole to keep down the temperature during the operation and so that the core bit does not jam. It is essential to connect up an industrial vacuum cleaner. Depending on the drill motor specifications, you can use an integrated adapter or the water outlet.



Sand-lime brick, brickwork, gas concrete, poroton brick,
screed, wall tiles, clinker

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It is recommended to operate drill motors in a core drill stand so that the core bit is kept linear in the direction of the drill hole. This makes for quicker running and is less work for the user. It also protects the core bit from damage and ensures precision of the drill hole. Ensure that it is properly attached. With smaller drilling diameters and with softer stone, free-hand operation is possible. However, you must keep the drill absolutely steady in the direction of the drill hole.



Concrete	★★★
Reinforced concrete	★★★
Sand-lime brick	★★
Clinker	★★★
Brickwork	★★★
Gas concrete/YTONG	★★
Fired tiles	★
Granite	★
Marble	★
Natural stone	★
Wall tiles	★★
Roof tiles	★

CLEAN CUT – PERFECT RESULT

- Universally deployable diamond annular bit for masonry, concrete and reinforced concrete
- Extremely resilient high-end diamond cutters for high material removal
- Excellent lifetimes even in ultra-hard materials
- Turbo effect for maximum drilling speed due to the use of premium diamond inserts
- Laser-welded top segments for maximum safety
- Ideal for applications with cooling water in concrete and highly compacted building materials.
Also suitable for dry drilling in light to medium-density building materials

	mm	inch	Art.
18	300	25020 7	4010159-
20	300	25021 4	
22	300	25022 1	
24	300	25023 8	
25	300	25024 5	
30	300	25025 2	
32	300	25026 9	
35	300	25027 6	
40	300	25028 3	
45	300	25029 0	
50	300	25030 6	
56	300	25031 3	
61	300	25032 0	
66	300	25033 7	
81	300	25035 1	
91	300	25036 8	
101	300	25037 5	
111	300	25038 2	
121	300	25039 9	
131	300	25040 5	
31	450	27503 3	
51	450	25041 2	
61	450	25042 9	
71	450	25043 6	
81	450	25044 3	
101	450	25045 0	
111	450	25046 7	

Ring segment

Individual segments

	mm	inch	Art.
121	450	25047 4	4010159-
131	450	25048 1	
141	450	25049 8	
151	450	25050 4	
161	450	25051 1	
181	450	26865 3	
201	450	26866 0	
250	450	27441 8	

Individual segments

Pointed segments
for fast &
optimal centering

Concrete	Sand-lime brick
Reinforced concrete	Brickwork
Fired clinker	Gas concrete
Highly compressed sand-lime brick	Porotonbrick
	Scree
	Wall tiles
	Clinker



DiamondEasy Accessories

3881 Extensions

Art.
4010159-

1/2" x 100 mm	25052 8
1/2" x 200 mm	25053 5
1/2" x 300 mm	25054 2
1 1/4" x 100 mm	25055 9
1 1/4" x 200 mm	25056 6
1 1/4" x 300 mm	25057 3

3860 Adapter

Art.
4010159-

Machine 1 1/4" x 1/2"	25058 0
Machine 1/2" x 1 1/4"	25059 7

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- ★★ Concrete
- ★ Fired tiles
- ★★★ Gas concrete/YTONG
- ★★★ Sand-lime brick
- ★★ Clinker
- ★★ Aerated concrete
- ★ Marble
- ★★ Brickwork
- ★★ Stone
- ★★ Wall tiles



Laser
welded

Anti-Vibration
for fast &
optimal centering



THE PERFECT SOLUTION FOR SOCKET DRILLING

- Developed for the professional installation of sockets and junction boxes
- Extremely strong high-end diamond cutting edges
- Perfect for use in highly compressed sand-lime brick, damp sand-lime brick and all kinds of brickwork
- Rapid removal of dust and reduced jamming thanks to the innovative drill body with Wizard spiral
- Accessories and extras: adapter, pilot bit and dust extraction available separately

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

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Diamond Wizard Accessories

Art.
4010159-

* Pilot Bit	18951 4
** Hex. Drive Adapter	18952 1
*** SDS-plus Drive Adapter	18954 5
**** Pilot Pin	24593 7
***** Dust Extraction	24551 7



M16

3290

Diamond Socket Drills



Gas concrete/YTONG ★★★
 Sand-lime brick ★★
 Aerated concrete ★★★
 Brickwork ★★
 Stone ★★



QUICK & EASY TO USE

- Diamond socket drills for installation work
- Secure segment connection
- Fast advance

Art.
4010159-

mm	mm	mm	Segments	Art.
68	65	95	3	27217 9
82	65	95	4	27219 3

ROTARY DRILLING
DREHEND BOHREN



Diamond Socket Drill Accessories

Art.
4010159-

* Pilot Bit	18951 4
** Hex. Drive Adapter	18952 1
*** SDS-plus Drive Adapter	18954 5



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Diamond Discs



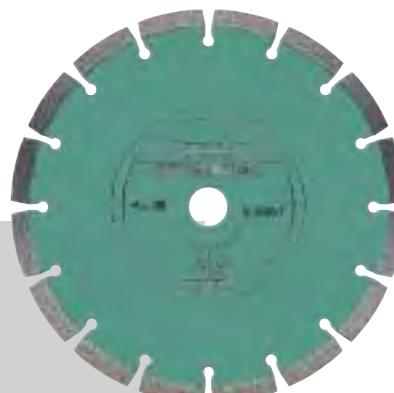
3870

ExtremeCut Universal

- ★★★ Concrete
- ★★ Reinforced concrete
- ★★★ Sand-lime brick
- ★★★ Clinker
- ★★★ Brickwork
- ★ Marble
- ★★★ Gas concrete/YTONG
- ★ Wall tiles
- ★★ Roof tiles



Laser welded



APPROVED DESIGN AND PERFORMANCE FOR PROFESSIONALS

- High-frequency laser-welded segments for maximum safety
- High diamond concentration
- 10 mm segment height for a large number of separating cuts and a long lifetime
- High-performance all-round disk for dry and wet cutting on the building site
- Universal disk for concrete, reinforced concrete, exposed aggregate concrete, roof tiles, bricks, medium-hardness clinkers, building materials



115	22,23	26698 7
125	22,23	26699 4
150	22,23	26700 7
180	22,23	26701 4
230	22,23	26702 1
300	20,00	26703 8
350	20,00	26704 5
300	25,40	26784 7
350	25,40	26785 4

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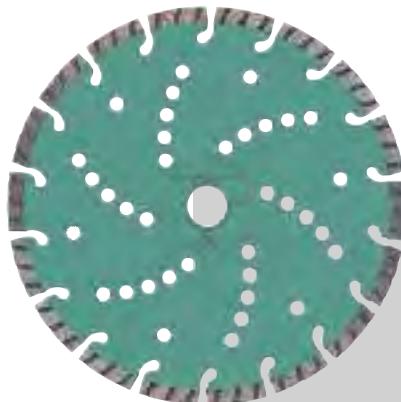


TURBO DESIGN FOR TOUGH JOBS – SPEED – SAFETY – PERFORMANCE

- Segmented turbo cutting disk with 10 mm segment height for extremely fast cutting
- Sinter hot-press technology for enhanced safety and extremely high break-out values
- Perforated master disk for long periods of use without breaks
- Self-cooling thanks to overload protection in the TurboCut segment alloy
- Ideal for dry cutting with angle grinders
- Low vibration
- Perfect for granite, natural and man-made stone



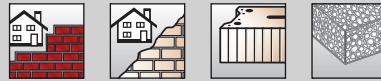
115	22,23	26705 2
125	22,23	26706 9
150	22,23	26707 6
180	22,23	26708 3
230	22,23	26709 0
300	20,00	26710 6
350	20,00	26711 3
300	25,40	26786 1
350	25,40	26787 8



Concrete	★★★
Reinforced concrete	★★
Sand-lime brick	★★★
Clinker	★★★
Brickwork	★★★
Marble	★
Gas concrete/YTONG	★★★
Wall tiles	★
Roof tiles	★★
Granite	★★★



EcoCut Universal



PRICE-CONSCIOUS SOLUTION FOR ALL-ROUNDERS

- Segment height of 10 mm for long periods of use
- Sintered hot-press technique for longer service life and very high shearing-off values
- For medium cutting jobs on all the usual materials on the building site
- Dry-cutting for angle grinder



115	22,23	26712 0
125	22,23	26713 7
150	22,23	26714 4
180	22,23	26715 1
230	22,23	26716 8
300	20,00	26717 5
350	20,00	26718 2
300	25,40	26788 5
350	25,40	26789 2



Concrete	★
Sand-lime brick	★★★
Clinker	★★
Brickwork	★★
Gas concrete/YTONG	★★★
Roof tiles	★

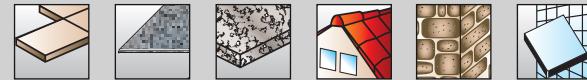


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get a bit more

3875

ExtremeCut Ceramic

- ★ Sand-lime brick
- ★ Gas concrete/YTONG
- ★★★ Fired tiles
- ★★★ Granite
- ★★★ Marble
- ★★★ Natural stone
- ★★★ Wall tiles
- ★★★ Roof tiles



SUPER-CLEAN CUTS IN ALL KINDS OF CERAMIC AND NATURAL STONE

- Ultra-thin cutting disks (1.2-1.4 mm) for very fine cuts (2 mm) with a low level of dust generation and for extremely smooth cutting surfaces
- Cutting edge with laser-cut expansion slots to prevent overheating
- Time-savings compared with legacy diamond cutting disks in tile cutting
- 5 mm segment height



115	22,23	26719 9
125	22,23	26720 5
150	22,23	26721 2
180	22,23	26722 9
230	22,23	26723 6
300	25,40 / 30,00	26790 8
350	25,40 / 30,00	26791 5

3876

TurboCut Ceramic

- ★★ Sand-lime brick
- ★ Gas concrete/YTONG
- ★★★ Fired tiles
- ★★★ Granite
- ★★★ Marble
- ★★★ Natural stone
- ★★★ Wall tiles
- ★★★ Roof tiles
- ★ Concrete
- ★ Clinker
- ★ Brickwork



SLIM TURBO DESIGN FOR TILES AND NATURAL STONE

- Cutting disks with thin-walled technology (1.2-2.0 mm) for extremely fine and clean cutting
- Turbo-edge design for fast, easy cutting
- Perforated master disk for cooling without water
- Less dust caused than by legacy disks
- 7 mm segment height



115	22,23	26726 7
125	22,23	26727 4
150	22,23	26728 1
180	22,23	26729 8
230	22,23	26730 4
300	25,40 / 30,00	26792 2
350	25,40 / 30,00	26793 9

3877

EcoCut Ceramic

- ★★ Fired tiles
- ★★★ Wall tiles



COST-EFFECTIVE CUTTING OF A LARGE NUMBER OF TILES

- Low dust thanks to thin cutting width
- Easy to use in the dry technique



115	22,23	26733 5
125	22,23	26734 2

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The selection of diamond discs available is as varied as the customers' demands.
The following list is provided to help you to supply the tradesman with the right disc.

APPLICATIONS

CONCRETE / STONE / GENERAL BUILDING MATERIALS	TILES / NATURAL STONE	ASPHALT	
Building construction & civil engineering Horticulture & landscaping Plasterers Builders Electricians Plumbers Roofers	Tilers Roofers Stonemasons Natural stone cutters Chimney builders Plasterers Staircase builders	Road-building Horticulture & landscaping	
QUALITY	CONCRETE / STONE / GENERAL BUILDING MATERIALS	TILES / NATURAL STONE	ASPHALT
★★★	ExtremeCut Universal	ExtremeCut Ceramic	ExtremeCut Asphalt
★★★	TurboCut Universal	TurboCut Ceramic	
★	EcoCut Universal	EcoCut Ceramic	

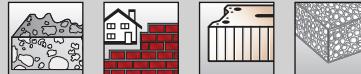
WHAT ADAPTER DIAMETER DO I NEED FOR WHICH DRILL?

DIA. DISC	TYPE OF DRILL		E.g., MANUFACTURER	DIA. BORES
115 mm	Angle grinder		All manufacturers	22.23 mm
125 mm	Angle grinder		All manufacturers	22.35 mm
			Makita 4105 KB,	20.00 mm
	Wall chaser		Gateway GS 125 E, AEG DNE 1.200/1.300 MFE 1305, Atlas Copco DME 30, Metabo MFE 1125 S, Ackermann + Schmitt F 1509 FR, Hilti DC-SE 20	22.23 mm
			BSB Biedron	25.40 mm
150 mm	Wall chaser		Frischmuth + Freitag FF 5 HAT	20.00 mm
			Baier BDN 450 + 451, Impex FF 4 WF, GatewayGS 150 D, Atlas Copco DME 45	22.23 mm
	Bench saw		Biedron 150	25.40 mm
			Lissmac, Götz, various manufacturers	25.40 mm
			Profitec	30.00 / 25.4 mm
180 mm	Angle grinder		All manufacturers	22.23 mm
			Kern WSF 60	30.00 mm
	Wall chaser		Lissmac, Götz, various manufacturers	25.40 mm
			Profitec	30.00 / 25.40 mm
230 mm	Angle grinder		All manufacturers	22.23 mm
			Gateway GS 230 D, Bosch GNF 65 A, Atlas Copco DME 65, Ackermann + Schmitt M 2104 FRB, Hilti DC 230-EX	22.23 mm
	Wall chaser		Kern WSF 50	24.00 mm
			Lissmac, Götz, various manufacturers	25.40 mm
			Profitec	30.00 / 25.40 mm
300 mm	Cut-off grinder		Stihl	20.00 mm
			Diewe, Husqvarna	25.40-20.00 mm
			Wacker	22.23 or 25.40 mm
			Various	25.40 mm
350 mm	Bench saw		Lissmac, Götz, various manufacturers	25.40 mm
			Profitec	25.40 / 30.00 mm
	Joint cutter		All manufacturers	25.40 mm with side hole

3879

GrindMaster Grinding Disc

- ★★★ Screed
- ★★★ Sand-lime brick
- ★★ Clinker
- ★★ Gas concrete



EFFORTLESSLY SMOOTH RESULTS

- For all the usual materials on the building site like screed, concrete, sand-lime brick, gas concrete and plaster
- Aggressive diamond bonds for faster working
- Innovative segment configuration for optimum floor levelling
- Less rising dust thanks to aerodynamic segment configuration



Art.
4010159

115	26835 6
125	26836 3

3840

ExtremeMaster Tile & Natural Stone Drill Bits

- ★ Concrete
- ★★★ Fired tiles
- ★★★ Granite
- ★ Aerated concrete
- ★★★ Marble
- ★ Brickwork
- ★ Stone
- ★★★ Wall tiles
- ★★★ Roof tiles
- ★★ Glass
- ★★ Mirror glass



EXTREMELY GOOD & RELIABLE IN FIRED TILES & NATURAL STONE

- The safe solution for drilling holes in tiles and natural stone – no cracks and no chipping in the hardest materials
- Diamond edges developed for an extremely high number of holes with optimum cutting efficiency
- Compatible via adapter with standard drills used on the building site with circuit breaker
- Extremely easy to use and handle: low continuous flow of water suffices for cooling purposes
- Accessories and extras: water outlet, centering aid and pressurised water tank



Art.
4010159

5.0	60	95	25974 3
6.0	60	95	25975 0
7.0	60	95	25976 7
8.0	60	95	25977 4
10.0	60	95	25978 1
12.0	60	95	25979 8
14.0	60	95	25980 4
16.0	60	95	26034 3
18.0	60	95	26035 0



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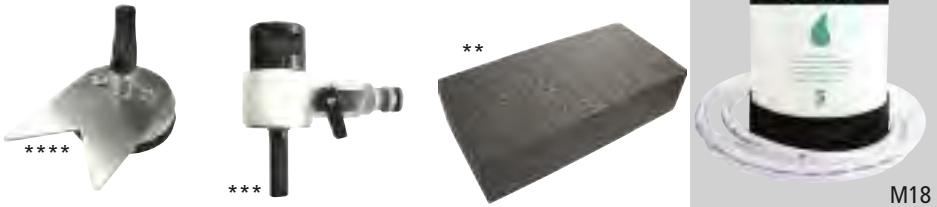
	1. Step 1 Attach the adapter to a drill with an integrated PRCD switch or use a diamond drill with $\frac{1}{2}$ " connection!		5. Step 5 Carefully start the drilling process (at a low speed) at a slight angle to the centering aid!	
	2. Step 2 Insert the core bit in the $\frac{1}{2}$ " adapter and provide continuous cooling throughout the entire drilling process!		6. Step 6 After precise location, continue drilling perpendicular to the tile! Only apply slight pressure and work without impact!	
	3. Step 3 Fix the centering aid upright in front of the drill hole!		7. Step 7 After you have drilled through the tile (you can tell this when drilling speeds up and the drilling mud changes colour), switch to a concrete and masonry drill bit to drill through the materials underneath the tile!	
	4. Step 4 Remember to adhere to the recommended speed wherever possible!		8. Step 8 If cutting efficiency drops, you can sharpen the tool using a sharpening stone!	

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ExtremeMaster Accessories

Art.
4010159-

* Pressurised Water Tank	25983 5
** Sharpening Stone	25984 2
*** Hex. Adapter	25981 1
**** Pilot Bit	25982 8



ExtremeMaster Sets

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Art.
4010159-

Dia. 5/6/8/10, Adapter, Centering Aid	6	25985 9
Dia. 5/6/7/8, Adapter, Centering Aid	6	25986 6
Dia. 6/8/10/14, Adapter, Centering Aid	6	26577 5



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- ★★ Fired tiles
- ★★ Granite
- ★★ Fine stoneware
- ★★★ Marble
- ★★★ Wall tiles
- ★★ Roof tiles
- ★★ Glass
- ★★ Mirror glass

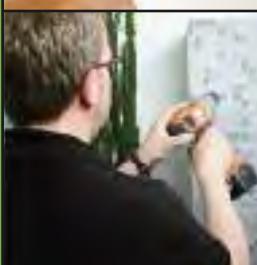


THE SIMPLE SOLUTION TO TOUGH JOBS

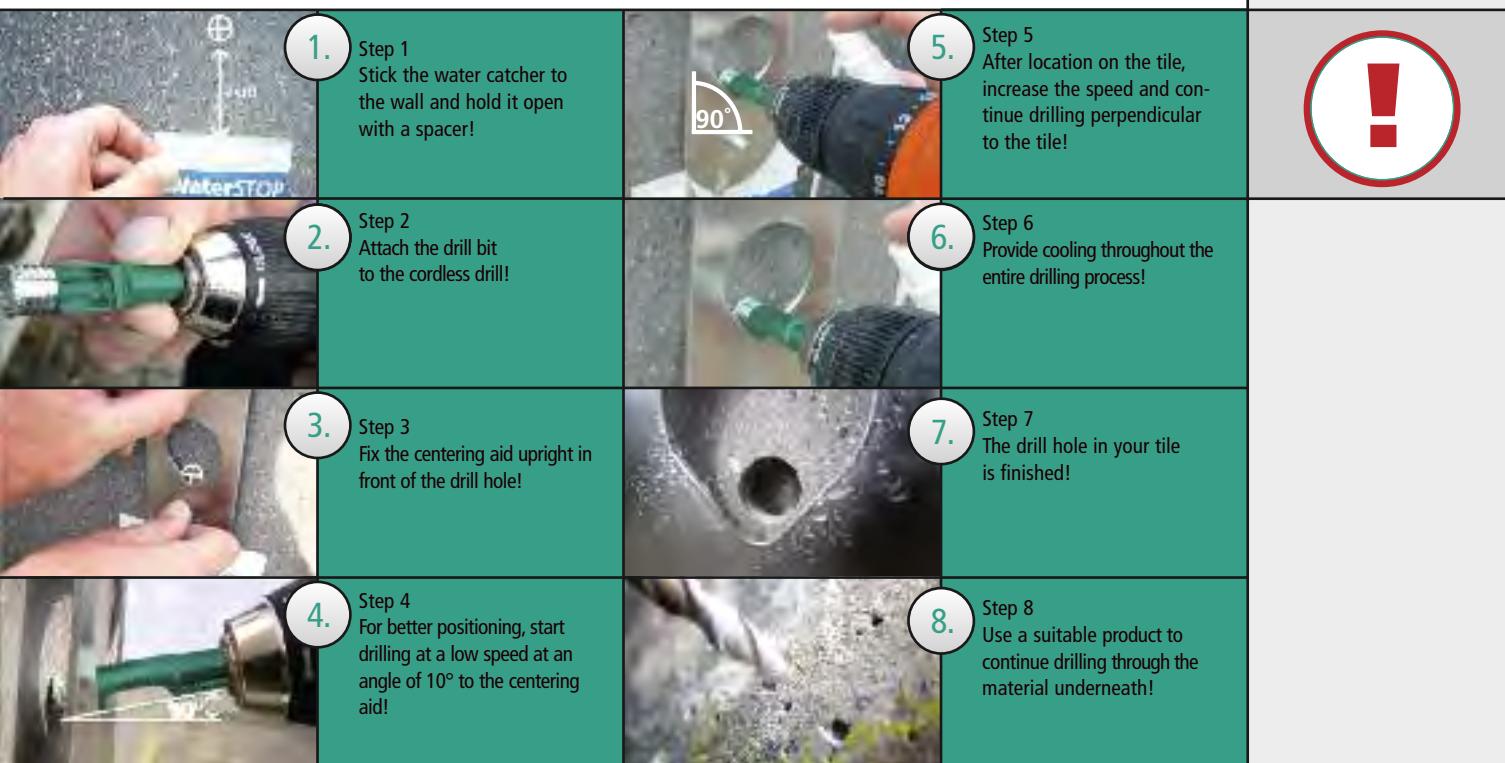
- Drilling using the grinding technique prevents the material from cracking or chipping
- Core is easy to remove through side slit
- Can be used on all the standard drills
- Water cooling ensures long service life of diamond tips



5.0	12	55	26219 4
6.0	12	55	26220 0
7.0	12	55	26221 7
8.0	12	55	26222 4
10.0	12	55	26223 1
12.0	12	55	26224 8
15.0	12	55	26225 5
20.0	12	55	26226 2
25.0	12	55	26227 9



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get a bit more



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TurboTile Accessories

Art.
4010159-

* 3831 Cooling Bottle / Water Catcher	26228 6
** 3833 Centering Aid	26229 3



TurboTile Sets

Packs



Art.
4010159-

5/6/8/10	4	26230 9
5/6/7/8	4	26231 6
6/8/10	3	26232 3

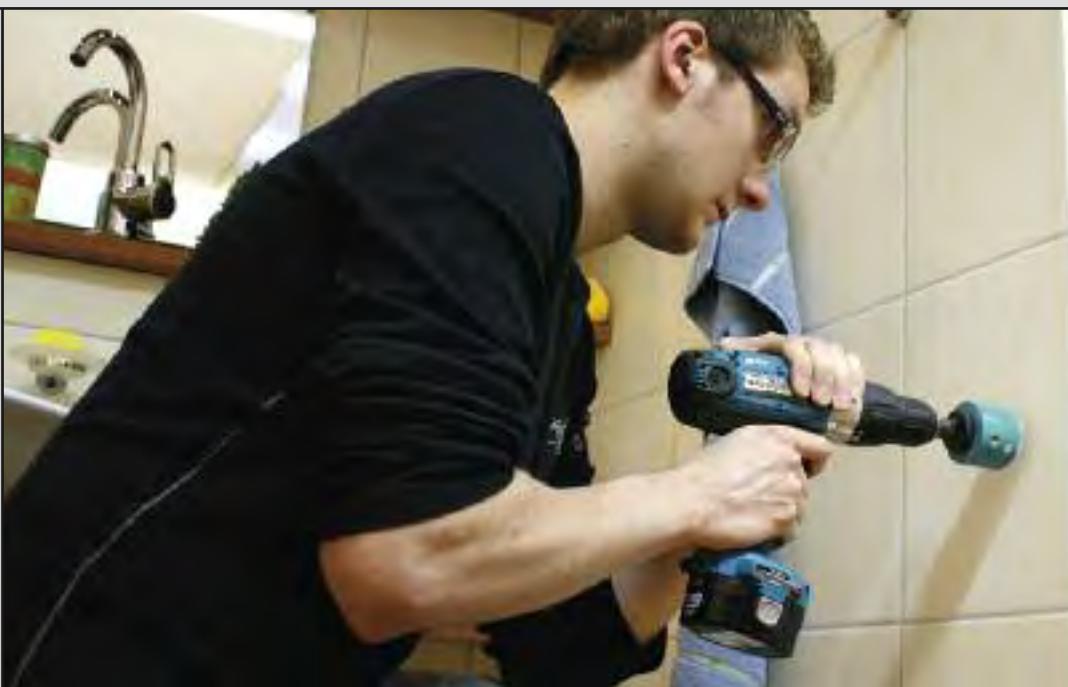
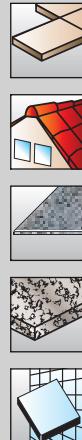
Sets

Dia. 5/6/7/8, Cooling System, Centering Aid	6	26236 1
Dia. 6/8/10/15, Cooling System, Centering Aid	6	26580 5
Dia. 5/6/8/10, Cooling System, Centering Aid	6	26233 0
Dia. 6/8/15/20, Cooling System, Centering Aid	6	26234 7
Dia. 10/15/20/25, Cooling System, Centering Aid	6	26235 4



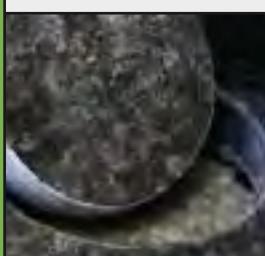
heller
get a bit more

★★ Fired tiles
★★ Granite
★★ Fine stoneware
★★★ Marble
★★★ Wall tiles
★★★ Roof tiles
★★ Glass
★★ Mirror glass

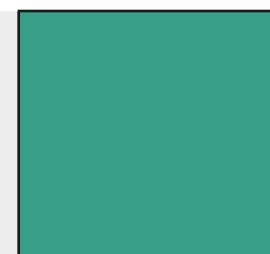


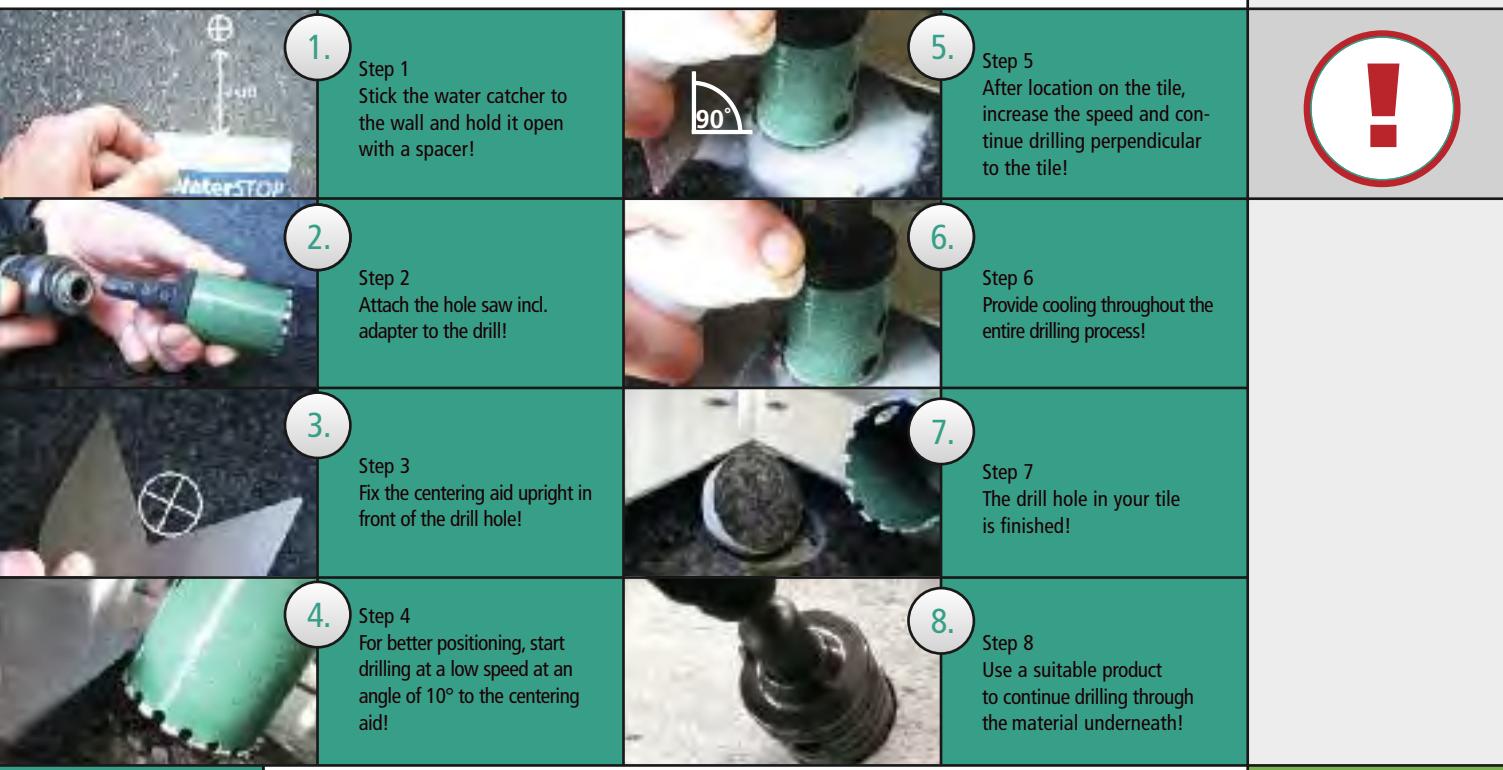
PRECISE HOLES IN TILES AND CERAMIC

- Drilling using the grinding technique prevents the material from cracking or chipping
- Even drill holes at the edge of the tile are no problem
- Can be used on all standard drills
- Water cooling ensures a long service life of diamond tips



35	35	45	26515 7
44	35	45	26516 4
51	35	45	26517 1
60	35	45	26518 8
65	35	45	26519 5
68	35	45	26520 1
70	35	45	26521 8
76	35	45	26522 6
83	35	45	26523 2
105	35	45	26524 9
114	35	45	26525 6





+

TurboTile Accessories

Art.
4010159-

* 3831 Cooling System	26228 6
** 3842 Centering Aid	26529 4
*** 3835 Hex. Adapter	26526 3
**** SDS-plus Adapter	26528 7
***** 3836 Pilot Bit 7 x 40/80 mm	26530 0



TurboTile Sets



Art.
4010159-

Hole Saw, dia. 68, hex. Adapter, Pilot Bit	3	26531 7
Hole Saw, dia. 68, SDS-plus Adapter, Pilot Bit	3	26532 4
Hole Saw dia. 68/83, Drill Bit dia. 6/8, Centering Aid, Cooling System	6	26527 0

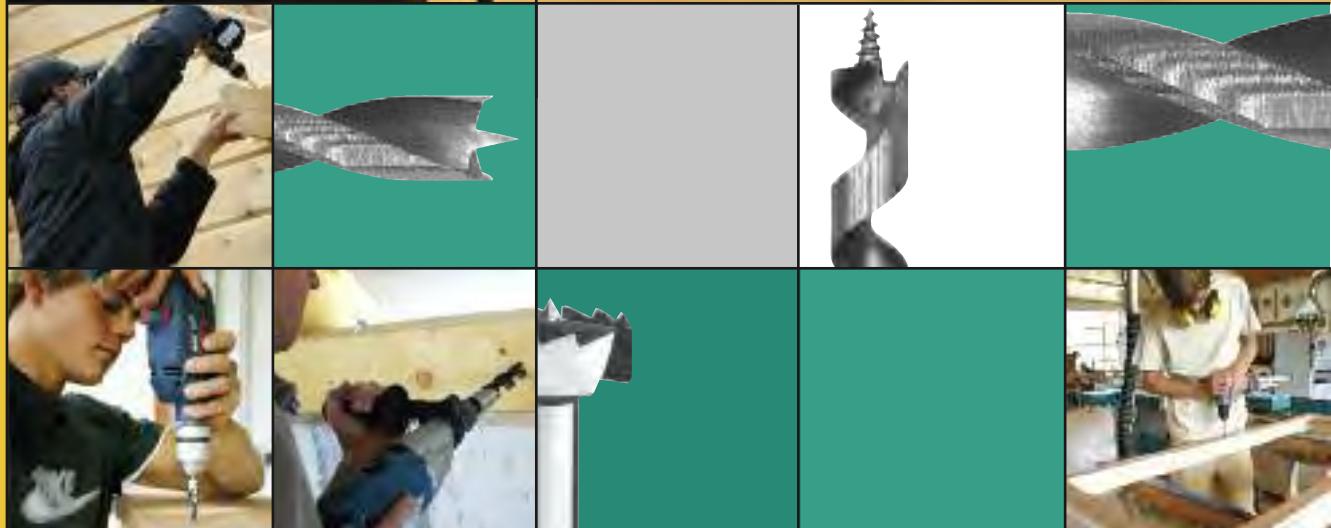
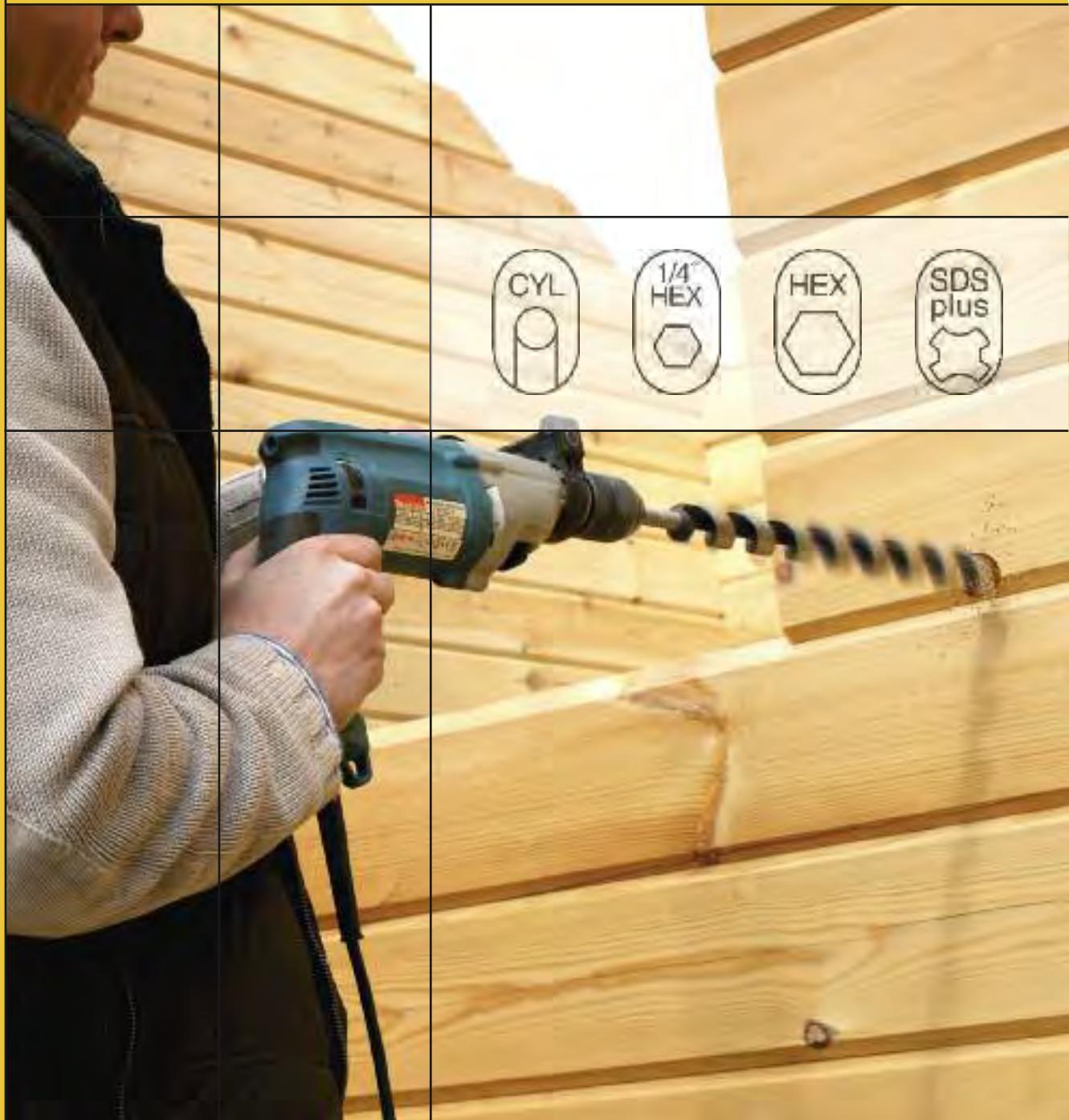


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WOOD DRILL BITS



WOOD DRILL BITS



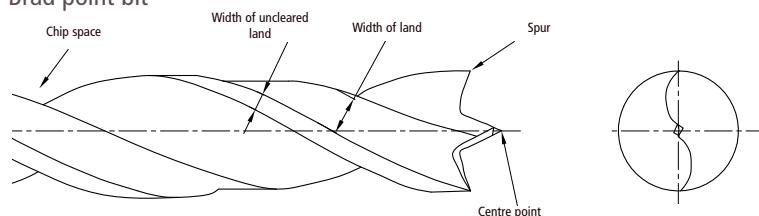
Technical details

Recommended applications

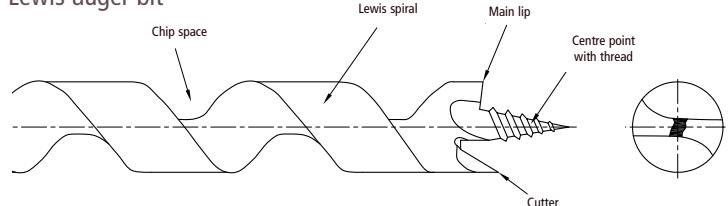
Precise drill holes are very important when it comes to working with building components or the fabrication of high-quality wooden parts. For example, holes in visible areas define the aesthetics of a piece of furniture and holes which are out of sight are crucial to the accuracy of the structure. For that reason, special precision wood drill bits must be used when working with wood.

Wood drill bits have a pronounced centre point. The centre point helps to position the drill hole exactly. Spurs effectively cut clean through the fibres around the periphery of the drill hole. Metal drill bits are often used on wood, but because of their unsuitable cutting edge geometry – they result in less exact positioning and tear-out around the edge of the drill hole.

Brad point bit



Lewis auger bit



Speeds

MATERIAL	SPEED AT DIA.																			
	3	4	5	6	7	8	9	10	11	12	13	14	16	18	20	25	30	35	40	50
Hardwood	2000	1900	1800	1700	1600	1500	1400	1300	1225	1150	1075	1000	950	900	850	800	750	720	690	660
Softwood	2600	2500	2400	2300	2200	2100	2000	1900	1825	1750	1675	1600	1550	1500	1450	1400	1350	1320	1290	1260

Tips and tricks

Preventing tear-out

For through-drilling, clamp the workpiece to a support (e.g., leftover piece) and simply drill through the workpiece and into the support. This will prevent tear-out on the underside of the workpiece.



Removing chips when drilling

While drilling, withdraw the tool from the drill hole regularly to remove the chips from the flute. If it is not aired and the chips are not removed, the flute will become blocked and the drill bit will jam and cause burnout.



Guiding the drill bit

Drilling with a pillar-type drill helps to drill precise holes and keeps the drill bit linear. Drilling with a hand drill requires a steady hand.



Material suitability

The drill bits will stay sharp for a long time when used carefully and properly. It is important only to use the tools in solid wood or derived timber products. Metal or stone will blunt the tool or break the cutting edges.



Heller quality for consistently good results

Heller uses only the best steel for its quality wood drill bits. At the same time, precise workmanship is a priority, which shows, for example, in the sharp cutting edges and in low true-running errors. And, of course, aspects such as ergonomics and work safety also play a crucial role. We let the demands of the professional user be our guide. Ultimately, all Heller products make the tradesman's work speedier and more economical.



CV Brad Point Bits

- ★★★ Beams
- ★★★ Laminated chipboard
- ★★★ Veneered wood
- ★★★ Hardwood
- ★★ Shutter boards
- ★★★ Chipboard
- ★★★ Plywood
- ★★ Cross-grain wood
- ★★★ Softwood



THE CLASSIC FOR UNIVERSAL WOOD APPLICATIONS

- Exact starting and clean drill holes thanks to ground centre point and two spurs
- Extra robust thanks to wear-resistant steel
- Fast advance and chip removal in hardwood and softwood
- Also suitable for use with cordless drills



Useful accessories



For drilling & countersinking
in one operation
see page 67

				Art.
3.0	30	60	3.0	13242 8
4.0	43	75	4.0	11910 8
5.0	50	85	5.0	11912 2
6.0	52	90	6.0	11913 9
7.0	68	110	7.0	11915 3
8.0	75	120	8.0	11917 7
9.0	78	125	9.0	11919 1
10.0	80	130	9.5	11920 7
11.0	90	140	9.5	11921 4
12.0	100	150	9.5	11922 1
13.0	100	150	9.5	11923 8
14.0	105	160	9.5	11924 5
15.0	105	170	9.5	11925 2
16.0	115	180	9.5	11926 9
18.0	120	190	9.5	11927 6
20.0	130	200	9.5	11928 3
22.0	140	210	13.0	23349 1
24.0	140	210	13.0	23350 7
26.0	150	220	13.0	23351 4
28.0	150	220	13.0	23352 1
30.0	150	220	13.0	23353 8

CV extra long Brad Point Bits

6.0	200	250	6.0	23354 5
8.0	200	250	8.0	23355 2
10.0	200	250	9.5	23356 9
12.0	200	250	9.5	23357 6
14.0	200	250	9.5	23358 3
16.0	200	250	9.5	23359 0
18.0	200	250	9.5	23360 6
20.0	200	250	9.5	23361 3



Art.
4010159-

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



QuickBit® Brad Point Bits

375



WOOD DRILLING JUST GOT FASTER

- Tear-out-free holes thanks to specially sharpened spurs
- Extremely accurate starting with extra sharp centre point
- Heller QuickBit® products: customised for use with cordless drills
- Super fast changing between drills and bits
- 1/4" hex. shank prevents the drill bit from slipping in the drill chuck

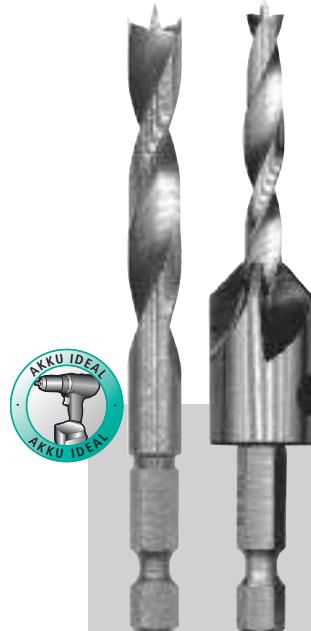


Art.
4010159-

3.0	35	65	26550 8
4.0	40	75	26551 5
5.0	50	85	26552 2
6.0	55	90	26553 9
7.0	55	90	26554 6
8.0	55	90	26555 3
10.0	60	100	26556 0

376 QuickBit® Brad Point Bit with Countersink Attachment

3.0	35	65	26736 6
4.0	40	75	26737 3
5.0	50	85	26738 0
6.0	55	90	26739 7



QuickBit® Brad Point Bit Sets

375



Art.
4010159-

* 3/4/5/6/8	5	26569 0
** 3/4/5/6/8/10, 1 Adapter, 13 Bits	20	26570 6



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Countersink Attachments 90°

- ★★★ Beams
- ★★★ Laminated chipboard
- ★★★ Veneered wood
- ★★★ Hardwood
- ★★ Shutter boards
- ★★★ Chipboard
- ★★★ Plywood
- ★★ Cross-grain wood
- ★★★ Softwood



DRILLING AND COUNTERSINKING IN ONE OPERATION

- 5-cutting edge geometry for clean countersinks even in hard material
- 90° countersink enables exact screw countersinking
- Can also be used as a depth stop
- Outside diameter 15 mm



3.0	16	25	11857 6
3.5	16	25	11858 3
4.0	16	25	11859 0
5.0	16	25	11861 3
6.0	16	25	11863 7

398

Lewis Auger Bits

- ★★★ Beams
- ★★★ Hardwood
- ★★ Shutter boards
- ★★ Plywood
- ★★ Cross-grain wood
- ★★★ Softwood



Self-feed screw point

Hardened cutter & major cutting edge



UNCOMPROMISING IN WOOD

- Self-feed screw point for extremely accurate drilling
- Fast advance thanks to the extra sharp cutting lip
- Hardened cutter and major cutting edge ensures long service life
- Lewis spiral is proven to remove chips extremely fast



16.0	55	100	24057 4
20.0	55	100	24058 1
25.0	60	100	24059 8
32.0	60	100	24060 4
<hr/>			
6.0 *	150	235	19029 9
8.0	150	235	19030 5
10.0	150	235	19031 2
12.0	150	235	19032 9
14.0	150	235	19033 6
16.0	150	235	19034 3
18.0	150	235	23300 2
19.0	150	235	23301 9
20.0	150	235	23302 6
22.0	145	235	23303 3
24.0	145	235	23304 0
25.0	140	235	23305 7
26.0	140	235	23306 4
28.0	140	235	23307 1
30.0	135	235	23308 8
32.0	135	235	23309 5

* round shank

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Art.
4010159-

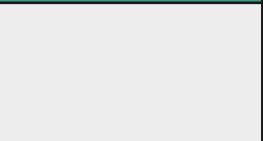


Art.
4010159-

10.0	215	300	15484 0
12.0	215	300	15485 7
14.0	215	300	15486 4
16.0	215	300	15487 1
18.0	210	300	15488 8
20.0	210	300	15489 5
22.0	205	300	15490 1
8.0	375	460	23310 1
10.0	375	460	19035 0
12.0	375	460	19036 7
14.0	375	460	19037 4
16.0	375	460	19038 1
18.0	370	460	19039 8
20.0	370	460	19040 4
22.0	365	460	19041 1
24.0	365	460	19042 8

26.0	365	460	19043 5
28.0	365	460	19044 2
30.0	360	460	19045 9
32.0	360	460	19046 6
8.0	515	600	24177 9
10.0	515	600	23311 8
12.0	515	600	23312 5
14.0	515	600	23313 2
16.0	515	600	23314 9
18.0	510	600	23315 6
20.0	510	600	23316 3
22.0	510	600	23317 0
24.0	510	600	23318 7
26.0	505	600	23319 4
28.0	505	600	23320 0
30.0	500	600	23321 7
32.0	500	600	23322 4

398



SDS-plus Lewis Auger Bits

398 / 18

6.0	50	200	22701 8
8.0	50	200	22702 5
10.0	150	235	22703 2
12.0	150	235	22704 9
16.0	150	235	22705 6
20.0	150	235	22706 3
22.0	150	235	22707 0
25.0	150	235	22708 7



Lewis Auger Bit Sets

398 / 06

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



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QuickBit® Lewis Auger Bits

- ★★★ Beams
- ★★★ Hardwood
- ★★ Shutter boards
- ★★ Plywood
- ★★ Cross-grain wood
- ★★★ Softwood



UNCOMPROMISING & FAST DRILLING THROUGH WOOD

- Self-feed screw point for extremely accurate drilling
- Hardened cutter and major cutting edge ensures long service life
- Heller QuickBit® products: customised for use with cordless drills
- Super fast changing between drills and bits
- 1/4" hex. shank prevents the drill bit from slipping in the drill chuck



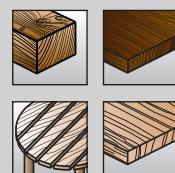
Art.
4010159-

6.0	90	150	26498 3
8.0	90	150	26499 0
10.0	90	150	26500 3
12.0	90	150	26501 0
14.0	90	150	26502 7
16.0	90	150	26503 4
20.0	90	150	26504 1
6.0	200	235	26505 8
8.0	200	235	26506 5
10.0	200	235	26507 2

330

QuickBit® Flat Wood Bits

- ★★★ Beams
- ★★ Laminated chipboard
- ★ Veneered wood
- ★★★ Hardwood
- ★★ Chipboard
- ★★★ Plywood
- ★ Cross-grain wood
- ★★★ Softwood



THE REAL ALTERNATIVE FOR BLIND-HOLE & THROUGH-DRILLING

- Perfect for all applications in wood and derived timber products
- Fast and exact cutting
- Extremely accurate starting without tear-out at the edge of the hole
- Heller QuickBit® products: customised for use with cordless drills
- 1/4" hex. shank prevents the drill bit from slipping in the drill chuck



Art.
4010159-

6.0	152	19053 4
8.0	152	19054 1
10.0	152	19055 8
12.0	152	19056 5
13.0	152	21787 3
14.0	152	19057 2
16.0	152	19058 9
17.0	152	21788 0
18.0	152	19059 6
19.0	152	21789 7
20.0	152	19060 2
22.0	152	19061 9
24.0	152	19062 6

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Hardened cutters





330

25.0	152	19063 3
28.0	152	19064 0
30.0	152	19065 7
32.0	152	19066 4
35.0	152	19067 1
36.0	152	22439 0
38.0	152	19068 8
40.0	152	21790 3
6.0	400	27785 3
8.0	400	23377 4

10.0	400	23362 0
12.0	400	23363 7
14.0	400	23364 4
16.0	400	23365 1
18.0	400	23366 8
20.0	400	23367 5
22.0	400	23378 1
24.0	400	23380 4
25.0	400	23381 1

330

QuickBit® Flat Wood Bit Sets

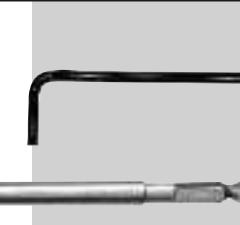
* 10/13/16/19/22/25	6	19069 5
** 10/12/14/16/18/20/22/25/30/35/40	11	26508 9



QuickBit® Flat Wood Bit Extension Shanks

331

300	19070 1



337

CV Formwork Drill Bits



GREAT FOR ANY FORMWORK

- Long service life even in shutter boards with concrete residue
- High strength and resistance to breakage thanks to wear-resistant CV steel
- Reduced shaft with open runout prevents the drill from jamming

Reduced shank
with open spiral
runout

Beams	★★
Hardwood	★★★
Shutter boards	★★★
Plywood	★★
Cross-grain wood	★
Softwood	★★★

8.0	350	400	6	12091 3
10.0	350	400	8	12092 0
12.0	350	400	8	12093 7
14.0	350	400	8	12094 4
16.0	350	400	10	12095 1

heller
get a bit more

	$\text{mm} \varnothing$	mm	mm	mm	Art. 4010159-		$\text{mm} \varnothing$	mm	mm	mm	Art. 4010159-
18.0	350	400	10	12096 8			26.0	550	600	11	12112 5
20.0	350	400	10	12097 5			28.0	550	600	11	12113 2
22.0	350	400	10	12098 2			30.0	550	600	11	12114 9
24.0	350	400	11	12099 9							
26.0	350	400	11	12100 2							
28.0	350	400	11	12101 9							
30.0	350	400	11	12102 6							
8.0	550	600	6	12103 3							
10.0	550	600	8	12104 0							
12.0	550	600	8	12105 7							
14.0	550	600	8	12106 4							
16.0	550	600	10	12107 1							
18.0	550	600	10	12108 8							
20.0	550	600	10	12109 5							
22.0	550	600	10	12110 1							
24.0	550	600	11	12111 8							

CV SDS-plus Formwork Drill Bits



Reduced shank with open spiral runout



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get a bit more

	$\text{mm} \varnothing$	mm	mm	mm	Art. 4010159-
10.0	350	400	10	19047 3	
12.0	350	400	10	19048 0	
14.0	350	400	10	19049 7	
16.0	350	400	10	19050 3	
18.0	350	400	10	19051 0	
20.0	350	400	10	19052 7	
22.0	350	400	10	23325 5	
24.0	350	400	10	23326 2	
26.0	350	400	10	23327 9	
28.0	350	400	10	23328 6	
30.0	350	400	10	23329 3	
10.0	550	600	10	23330 9	
12.0	550	600	10	23331 6	
14.0	550	600	10	23332 3	
16.0	550	600	10	23333 0	
18.0	550	600	10	23334 7	
20.0	550	600	10	23335 4	
22.0	550	600	10	23336 1	
24.0	550	600	10	23337 8	
26.0	550	600	10	23338 5	
28.0	550	600	10	23339 2	
30.0	550	600	10	23340 8	
12.0	950	1000	8	26184 5	



Beams	★★
Laminated chipboard	★★★
Veneered wood	★★★
Hardwood	★★★
Chipboard	★★★
Plywood	★★
Cross-grain wood	★
Softwood	★★★



PRECISE RESULTS IN ANY KIND OF WOOD

- Ideal for blind-hole drilling in solid wood and derived timber products
- Toothed rim and two major cutting edges guarantee exact drilling even near edges
- With precision-ground centre point for exact starting
- Designed to DIN 7483 G



10.0	50	90	9,5	12027 2
12.0	50	90	9,5	12028 9
14.0	50	90	9,5	12029 6
15.0	50	90	9,5	12030 2
16.0	50	90	9,5	12031 9
18.0	50	90	9,5	12032 6
20.0	50	90	9,5	12033 3
22.0	50	90	9,5	12034 0
24.0	50	90	9,5	12035 7
25.0	50	90	9,5	12036 4
26.0	50	90	9,5	12037 1
28.0	50	90	9,5	12038 8
30.0	50	90	9,5	12039 5
32.0	50	90	9,5	12040 1
34.0	50	90	9,5	12041 8
35.0	50	90	9,5	12042 5
36.0	50	90	9,5	12043 2
38.0	50	90	9,5	12044 9
40.0	50	90	9,5	12045 6
45.0	50	90	9,5	12046 3
50.0	50	90	9,5	12047 0



Ground centre point



Forstner Bit Sets



15/20/25/30/35	5	18991 0
10/15/20/22/25/30/35	7	18995 8
10/12/14/15/16/20/22/24/25/30/32/35/40/45/50	15	18996 5



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790

Hinge Boring Bits

- ★★ Beams
- ★★★ Laminated chipboard
- ★★★ Veneered wood
- ★★★ Hardwood
- ★★★ Chipboard
- ★★ Plywood
- ★ Cross-grain wood
- ★★ Softwood



CYL



Shank-Ø: 8 mm

THE PERFECT SOLUTION FOR HINGE HOLES

- Ideal for use with pillar-type drills
- Short centre point facilitates hinge holes in thin boards
- With HSS centre point for extremely long service life
- Two tungsten carbide cutters and two tungsten carbide major cutting edges for long service life and exact drilling



20.0	30	60	14920 4
25.0	30	60	10705 1
26.0	30	60	10706 8
30.0	30	60	10707 5
35.0	30	60	10709 9

Art.
4010159-

799

Multi-Spur Machine Bits

- ★★★ Beams
- ★★★ Laminated chipboard
- ★★★ Veneered wood
- ★★★ Hardwood
- ★★★ Chipboard
- ★★★ Plywood
- ★★ Cross-grain wood
- ★★ Softwood



EXACT CONTOURS – REPRODUCIBLE AT ANY TIME

- For long service life even in the hardest wood
- Clean drill-hole edge on both sides thanks to tungsten carbide cutting edges
- Tungsten carbide cutting edges can be resharpened



10.0	50	90	10710 5
15.0	50	90	10711 2
16.0	50	90	10712 9
18.0	50	90	10713 6
20.0	50	90	10714 3
23.0	50	90	10716 7
25.0	50	90	10718 1
26.0	50	90	12345 7
30.0	50	90	10719 8
35.0	50	90	10720 4
40.0	50	90	10721 1
50.0	50	90	12354 9

Art.
4010159-

Shank-Ø: 10 mm

799 / 05

Multi-spur Machine Bit Set

heller
get a bit more

Art.
4010159-

15/20/25/30/35	5	18993 4
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Plug Cutters

496



PERFECTION DOWN TO THE SMALLEST DETAIL

- For cutting plugs and knot-hole anchors
- The colour and wood of every anchor matches the workpiece
- Ideal for staircases and laying floor boards
- Designed to DIN 7489



Art.
4010159-

10.0	35	140	13	12078 4
12.0	35	140	13	12079 1
15.0	35	140	13	12080 7
20.0	35	140	13	12081 4
25.0	35	140	13	12082 1
30.0	35	140	13	12083 8
35.0	35	140	16	12084 5
40.0	35	140	16	12085 2



496

Plug Cutter Set



Art.
4010159-

15/20/25/30/35

5

18994 1



Wood Countersinks

122



FOR COUNTERSINKING ANY SCREW HEAD

- For clean chamfering of drill holes
- Accurate countersinking for screws with countersunk, tapered and recessed heads
- Five cutting edges make for precise work
- Can be used on all kinds of wood



Art.
4010159-

13.0	80	80	8	12009 8
16.0	90	90	8	12010 4
20.0	100	100	8	12011 1



Heavy Duty Expansion Bit

106



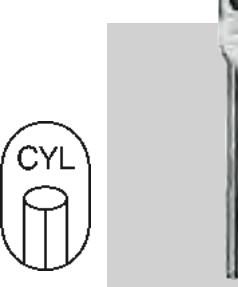
HIGH DEGREE OF FLEXIBILITY

- The suitable tool for every hole thanks to adjustable cutters
- Flexible expansion from 22-76 mm width
- Exact, robust design
- All the more accurate thanks to precision-ground triangular point and cutters



Art.
4010159-

22-76	125	185	13	12086 9
-------	-----	-----	----	---------



Beams	★★
Laminated chipboard	★★★
Veneered wood	★★★
Hardwood	★★★
Chipboard	★★★
Plywood	★★★
Cross-grain wood	★
Softwood	★★★

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get a bit more

Expansion Bit

- ★★ Beams
- ★★★ Laminated chipboard
- ★★★ Veneered wood
- ★★★ Hardwood
- ★★★ Chipboard
- ★★ Plywood
- ★ Cross-grain wood
- ★★ Softwood



ONE TOOL – MANY DIAMETERS

- The suitable tool for every hole thanks to adjustable cutters
- Flexible expansion from 15-45 mm width
- Ground triangular point and cutters

15-45	90	130	6	15693 6

334

Prefix Brad Point Bits

- ★★ Hardwood
- ★★★ Softwood
- ★★★ Chipboard
- ★★ Plywood
- ★★ Veneered wood



FOR ALMOST ALL WOOD APPLICATIONS

- Reliable bit for drilling in almost all types of wood and derived timber boards
- Tear-out-free holes thanks to tried-and-tested cutting edge geometry

6.0	52	90	5	26877 6
7.0	68	110	5	26878 3
8.0	75	120	5	26879 0
10.0	80	130	5	26880 6
12.0	100	150	5	26881 3
14.0	105	160	5	26882 0
16.0	115	180	5	26883 7

3390 / 09

HSS, Masonry & Wood Universal Set

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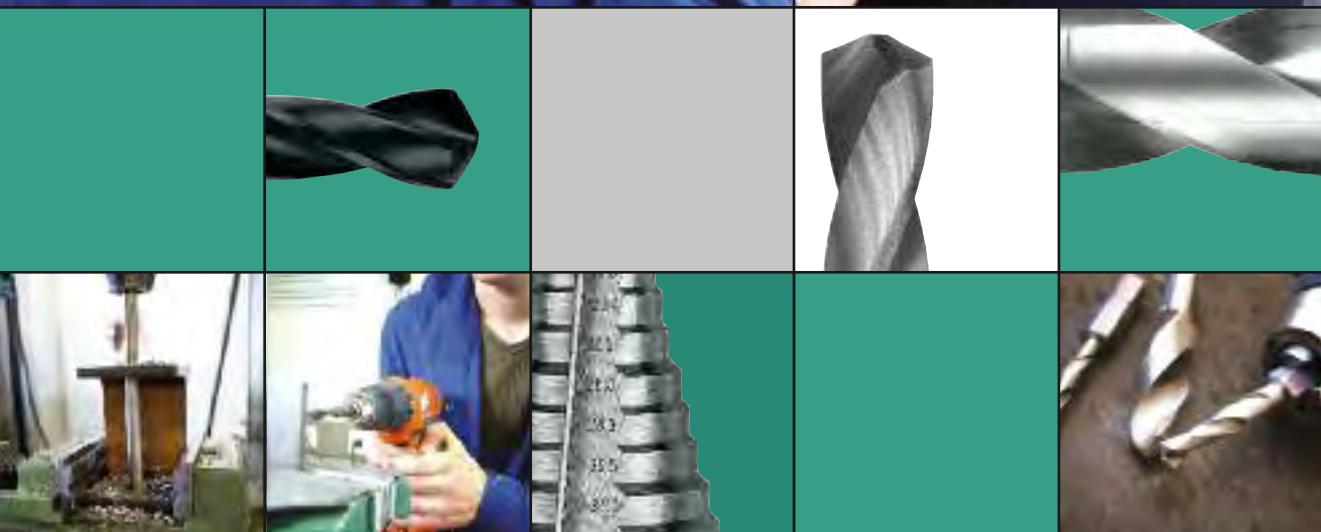


3015 Masonry	5/6/8	3
901 HSS	5/6/8	3
333 Wood	5/6/8	3
Total		9
		17741 2

METAL DRILL BITS

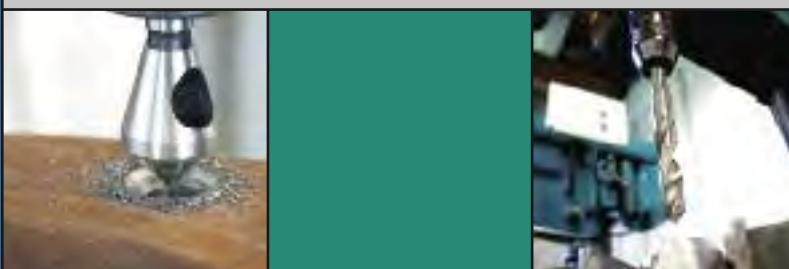


M E T A L D R I L L B I T S

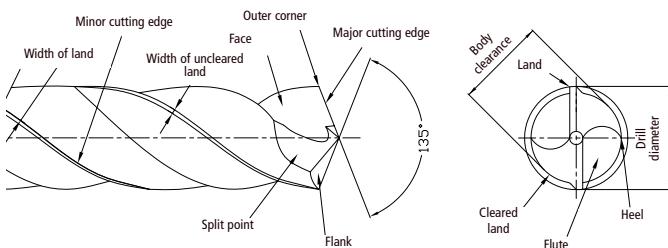


Technical details

Quality features

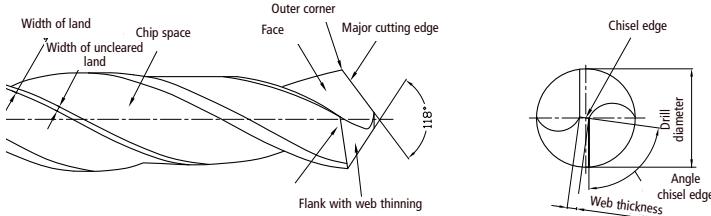


HSS-Co cobalt twist drills / HSS-G super twist drills



Point angle	135°
Point cut	Split point
Application	Steel, cast steel above 700 N/mm ² , deep holes

HSS-R twist drills



Point angle	118°
Point cut	Web thinning
Application	Structural steel, non-ferrous metal, plastics, steel, cast steel

High-quality tools are crucial when working with metal. For components to fit together perfectly, the drill hole must be quite precise. Out-of-round or off-line holes with burrs can necessitate rework, which has a huge effect on the quality of workmanship. For these reasons, it is essential to use drill bits manufactured in compliance with the applicable DIN standards.

The following DIN standards apply to parallel shank twist drills:

DIN 338	Parallel shank twist drills, jobber series
DIN 1897	Parallel shank twist drills, stub series
DIN 340	Parallel shank twist drills, long series
DIN 1869	Parallel shank twist drills, extra long series
DIN 1414	Technical specifications for twist drills of high-speed steel (HSS)

Manufacturing techniques



► **Spiral grinding:** In this technique, the spirals are ground from a round rod. These bits are extremely precise and are used for quality work. You can often tell a ground bit by its silver colouring.

► **Rolling technique:** The (hot) rolling technique is used to manufacture simpler bits. A round rod is pressed through a mould, which gives the bit its helical shape. These bits are more suitable for coarser work. You can often tell rolled bits by their black colouring.

Technical details

Tips and tricks

	Removing chips when drilling Regularly withdrawing (airing) the drill bit prevents chips from building up in the spiral of the bit. If it is not aired and the chips are not removed, the channel will become blocked and the drill bit will jam and may break.		Guiding the drill bit Drilling with a pillar-type drill helps to drill precise holes and keeps the drill bit linear. Drilling with a hand drill requires a very steady hand.
	Material suitability The bits will stay sharp – and the cutting efficiency in metal and plastic will remain high – for a long time with careful use. It is important not to use the tools in ceramic, stone or other materials for which it is not intended.		Cooling Drilling hard materials can cause the tools to overheat. The more the cutting edges wear, the higher the probability that the bit will break. To ensure a long service life it is important to apply a suitable coolant throughout the entire drilling operation.

Speeds & advance

MATERIAL	CUTTING SPEED	SPEED PER MINUTE AT DIA.								COOLING LUBRICANT
		3 mm	4 mm	6 mm	10 mm	16 mm	25 mm	40 mm		
Unalloyed structural steels < 700 N/mm ²	30 m/min	3800	2400	1500	1000	600	400	200	Cooling lubricant emulsion	
Unalloyed structural steels > 700 N/mm ²	20 m/min	2500	1600	1000	600	400	300	200	Cooling lubricant emulsion	
Alloyed steels < 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	
Thermosetting plastics	25 m/min	3200	2000	1300	800	500	300	200	Dry (compressed air)	

MATERIAL	ADVANCE IN MM PER REVOLUTION AT DIA.							
	3 mm	4 mm	6 mm	10 mm	16 mm	25 mm	40 mm	
Unalloyed structural steels < 700 N/mm ²	0.05	0.08	0.12	0.18	0.25	0.32	0.4	
Unalloyed structural steels > 700 N/mm ²	0.05	0.08	0.12	0.18	0.25	0.32	0.4	
Alloyed steels < 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	
Thermosetting plastics	0.05	0.08	0.12	0.18	0.25	0.32	0.4	

Heller quality for consistently good results

Heller uses only select HSS steels for its metal drill bits. At the same time, high-quality workmanship is a priority, which shows, for example, in the precision-cut point and spirals and in low true-running errors. Heller always lets the demands of the professional user be its guide. Ultimately, all Heller products make the tradesman's work speedier and more economical.



- ★★★ Sheet metal
- ★★★ Non-ferrous metals
- ★★★ CrNi steel
- ★★★ Stainless steel
- ★★★ Iron
- ★★★ Cast
- ★★★ Cast steel
- ★★★ V2A Nirosta stainless steel, V4A



FOR THE TOUGHEST JOBS IN STAINLESS STEEL AND METAL

- For a large number of drill holes in high-alloy steel and stainless steel
- Split point and 135° point angle for optimum, extremely accurate starting
- Use of a special HSS steel with 5% cobalt
- Precision tool compliant with DIN 338 RN for outstanding hole dimensional accuracy
- High true-running accuracy to DIN 1414



Made of extra hard special steel



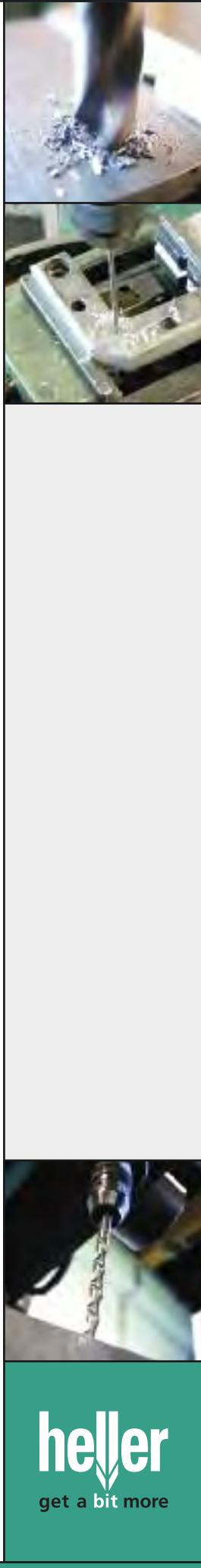
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		mm	inch	Art.
1.0		12	34	21221 2
1.5		18	40	21222 9
2.0		24	49	21223 6
2.5	M 3	30	57	21224 3
3.0		33	61	21225 0
3.2		36	65	21226 7
3.3	M 4	36	65	21227 4
3.5		39	70	21228 1
4.0		43	75	21229 8
4.2	M 5	43	75	21230 4
4.5		47	80	21231 1
4.8		52	86	21232 8
5.0	M 6	52	86	21233 5
5.5		57	93	21234 2
6.0	M 7	57	93	21235 9
6.5		63	101	21236 6
7.0		69	109	21237 3
7.5		69	109	21238 0
8.0		75	117	21239 7
8.5	M 10	75	117	21240 3
9.0		81	125	21241 0
9.5	M 11	81	125	21242 7
10.0		87	133	21243 4
10.5		87	133	21244 1
11.0		94	142	21245 8
11.5		94	142	21246 5
12.0	M 14	101	151	21247 2
12.5		101	151	21248 9
13.0		101	151	21249 6

HSS-Co Cobalt Twist Drills DIN 338 RN Quadropacks

					Art. 4010159-
1.0		12	34	10	21251 9
1.1		14	36	10	21252 6
1.2		16	38	10	21253 3
1.3		16	38	10	21254 0
1.4		18	40	10	21255 7
1.5		18	40	10	21256 4
1.6	M 2	20	43	10	21257 1
1.7		20	43	10	21258 8
1.8		22	46	10	21259 5
1.9		22	46	10	21260 1
2.0		24	49	10	21261 8
2.1		24	49	10	21262 5
2.2		27	53	10	21263 2
2.3		27	53	10	21264 9
2.4		30	57	10	21265 6
2.5	M 3	30	57	10	21266 3
2.6		30	57	10	21267 0
2.7		33	61	10	21268 7
2.8		33	61	10	21269 4
2.9		33	61	10	21270 0
3.0		33	61	10	21271 7
3.1		36	65	10	21272 4
3.2		36	65	10	21273 1
3.3	M 4	36	65	10	21274 8
3.4		39	70	10	21275 5
3.5		39	70	10	21276 2
3.6		39	70	10	21277 9
3.7		39	70	10	21278 6
3.8		43	75	10	21279 3
3.9		43	75	10	21280 9
4.0		43	75	10	21281 6
4.1		43	75	10	21282 3
4.2	M 5	43	75	10	21283 0
4.3		47	80	10	21284 7
4.4		47	80	10	21285 4
4.5		47	80	10	21286 1
4.6		47	80	10	21287 8
4.7		47	80	10	21288 5
4.8		52	86	10	21289 2
4.9		52	86	10	21290 8
5.0	M 6	52	86	10	21291 5
5.1		52	86	10	21292 2
5.2		52	86	10	21293 9
5.3		52	86	10	21294 6
5.4		57	93	10	21295 3
5.5		57	93	10	21296 0
5.6		57	93	10	21297 7
5.7		57	93	10	21298 4
5.8		57	93	10	21299 1
5.9		57	93	10	21300 4

					Art. 4010159-	
6.0		M 7	57	93	10	21301 1
6.1			63	101	10	21302 8
6.2			63	101	10	21303 5
6.3			63	101	10	21304 2
6.4			63	101	10	21305 9
6.5			63	101	10	21306 6
6.6			63	101	10	21307 3
6.7			63	101	10	21308 0
6.8		M 8	69	109	10	21309 7
6.9			69	109	10	21310 3
7.0			69	109	10	21311 0
7.1			69	109	10	21312 7
7.2			69	109	10	21313 4
7.3			69	109	10	21314 1
7.4			69	109	10	21315 8
7.5			69	109	10	21316 5
7.6			75	117	10	21317 2
7.7			75	117	10	21318 9
7.8		M 9	75	117	10	21319 6
7.9			75	117	10	21320 2
8.0			75	117	10	21321 9
8.1			75	117	10	21322 6
8.2			75	117	10	21323 3
8.3			75	117	10	21324 0
8.4			75	117	10	21325 7
8.5		M 10	75	117	10	21326 4
8.6			81	125	10	21327 1
8.7			81	125	10	21328 8
8.8			81	125	10	21329 5
8.9			81	125	10	21330 1
9.0			81	125	10	21331 8
9.1			81	125	10	21332 5
9.2			81	125	10	21333 2
9.3			81	125	10	21334 9
9.4			81	125	10	21335 6
9.5		M 11	81	125	10	21336 3
9.6			87	133	10	21337 0
9.7			87	133	10	21338 7
9.8			87	133	10	21339 4
9.9			87	133	10	21340 0
10.0			87	133	10	21341 7
10.2		M 12	87	133	5	21342 4
10.5			87	133	5	21343 1
11.0			94	142	5	21344 8
11.5			94	142	5	21345 5
12.0		M 14	101	151	5	21346 2
12.5			101	151	5	21347 9
13.0			101	151	5	21348 6
14.0		M 16	108	160	5	23848 9
16.0			120	178	5	23849 6



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* 2/3/4/5/6/8	6	17735 1
** 1/1.5/2/2.5/3...8.5/9/9.5/10	19	21962 4
*** 1/1.5/2/2.5/3...12/12.5/13	25	21965 5
1/1.1/1.2...5.7/5.8/5.9	50	26604 8

★★★ Sheet metal
★★ Non-ferrous metals
★★ CrNi steel
★★ Stainless steel
★★★ Iron
★★★ Cast
★★ Cast steel
★ V2A Nirosta stainless steel, V4A



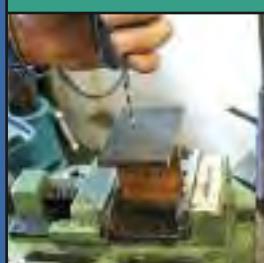
THE BEST POINT FOR METAL

- Ideal for drilling in alloyed and unalloyed steels
- Precision point to DIN 338 RN for outstanding hole dimensional accuracy
- Split point and 135° point angle for optimum centering when starting
- High true-running accuracy to DIN 1414



mm Ø		12	34	2	17760 3
1.0		12	34	2	17760 3
1.5		18	40	2	17761 0
2.0		24	49	2	17762 7
2.5	M 3	30	57	2	17763 4
3.0		33	61	2	17764 1
3.2		36	65	2	17765 8
3.3	M 4	36	65	2	17766 5
3.5		39	70	2	17767 2
4.0		43	75	1	17768 9
4.2	M 5	43	75	1	17769 6

mm Ø		47	80	1	17770 2
4.5		52	86	1	17771 9
5.0	M 6	52	86	1	17772 6
5.5		57	93	1	17773 3
6.0	M 7	57	93	1	17774 0
6.5		63	101	1	17775 7
7.0		69	109	1	17776 4
7.5		69	109	1	17777 1
8.0		75	117	1	17778 8
8.5	M 10	75	117	1	17779 5
9.0		81	125	1	17780 1
9.5	M 11	81	125	1	17781 8
10.0		87	133	1	17782 5
10.5		87	133	1	17783 2
11.0		94	142	1	17784 9
11.5		94	142	1	17785 6
12.0	M 14	101	151	1	17786 3
12.5		101	151	1	17787 0
13.0		101	151	1	17788 7



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HSS-G Super Twist Drill DIN 338 RN Quadropacks



0.2		3	19	10	23022 3
0.3		3	19	10	23023 0
0.4		5	20	10	23024 7
0.5		6	22	10	23025 4
0.6		7	24	10	23026 1
0.7		9	28	10	23027 8
0.8	M 1	10	30	10	23028 5
0.9		11	32	10	23029 2
1.0		12	34	10	21121 5
1.1		14	36	10	21122 2
1.2		16	38	10	21123 9
1.3		16	38	10	21124 6
1.4		18	40	10	21125 3
1.5		18	40	10	21126 0
1.6	M 2	20	43	10	21127 7
1.7		20	43	10	21128 4
1.8		22	46	10	21129 1
1.9		22	46	10	21130 7
2.0		24	49	10	21131 4
2.1		24	49	10	21132 1
2.2		27	53	10	21133 8
2.3		27	53	10	21134 5
2.4		30	57	10	21135 2
2.5	M 3	30	57	10	21136 9
2.6		30	57	10	21137 6
2.7		33	61	10	21138 3
2.8		33	61	10	21139 0
2.9		33	61	10	21140 6
3.0		33	61	10	21141 3
3.1		36	65	10	21142 0
3.2		36	65	10	21143 7
3.3	M 4	36	65	10	21144 4
3.4		39	70	10	21145 1
3.5		39	70	10	21146 8
3.6		39	70	10	21147 5
3.7		39	70	10	21148 2
3.8		43	75	10	21149 9
3.9		43	75	10	21150 5
4.0		43	75	10	21151 2
4.1		43	75	10	21152 9
4.2	M 5	43	75	10	21153 6
4.3		47	80	10	21154 3
4.4		47	80	10	21155 0
4.5		47	80	10	21156 7
4.6		47	80	10	21157 4
4.7		47	80	10	21158 1
4.8		52	86	10	21159 8
4.9		52	86	10	21160 4
5.0	M 6	52	86	10	21161 1
5.1		52	86	10	21162 8
5.2		52	86	10	21163 5
5.3		52	86	10	21164 2
5.4		57	93	10	21165 9
5.5		57	93	10	21166 6
5.6		57	93	10	21167 3

5.7		57	93	10	21168 0
5.8		57	93	10	21169 7
5.9		57	93	10	21170 3
6.0	M 7	57	93	10	21171 0
6.1		63	101	10	21172 7
6.2		63	101	10	21173 4
6.3		63	101	10	21174 1
6.4		63	101	10	21175 8
6.5		63	101	10	21176 5
6.6		63	101	10	21177 2
6.7		63	101	10	21178 9
6.8	M 8	69	109	10	21179 6
6.9		69	109	10	21180 2
7.0		69	109	10	21181 9
7.1		69	109	10	21182 6
7.2		69	109	10	21183 3
7.3		69	109	10	21184 0
7.4		69	109	10	21185 7
7.5		69	109	10	21186 4
7.6		75	117	10	21187 1
7.7		75	117	10	21188 8
7.8	M 9	75	117	10	21189 5
7.9		75	117	10	21190 1
8.0		75	117	10	21191 8
8.1		75	117	10	21192 5
8.2		75	117	10	21193 2
8.3		75	117	10	21194 9
8.4		75	117	10	21195 6
8.5	M 10	75	117	10	21196 3
8.6		81	125	10	21197 0
8.7		81	125	10	21198 7
8.8		81	125	10	21199 4
8.9		81	125	10	21200 7
9.0		81	125	10	21201 4
9.1		81	125	10	21202 1
9.2		81	125	10	21203 8
9.3		81	125	10	21204 5
9.4		81	125	10	21205 2
9.5	M 11	81	125	10	21206 9
9.6		87	133	10	21207 6
9.7		87	133	10	21208 3
9.8		87	133	10	21209 0
9.9		87	133	10	21210 6
10.0		87	133	10	21211 3
10.2	M 12	87	133	5	21212 0
10.5		87	133	5	21213 7
11.0		94	142	5	21214 4
11.5		94	142	5	21216 8
12.0	M 14	101	151	5	21217 5
12.5		101	151	5	21219 9
13.0		101	151	5	21220 5
13.5		108	160	5	25734 3
14.0	M 16	108	160	5	25736 7



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900

HSS-G Super Twist Drill DIN 338 RN Sets



Art.
4010159-

* 2/3/4/5/6/8	6	17731 3
2/2.5/3/3.5...7/7.5/8	13	17733 7
** 1/1.5/2/2.5...9/9.5/10	19	21961 7
*** 1/1.5/2/2.5...12/12.5/13	25	21964 8
6.0/6.1/6.2...9.8/9.9/10.0	41	26598 0
1/1.1/1.2...5.7/5.8/5.9	50	26600 0

976

QuickBit® HSS-G Super Twist Drills

- ★★★ Sheet metal
- ★★ Non-ferrous metals
- ★★ CrNi steel
- ★★ Stainless steel
- ★★★ Iron
- ★★★ Cast
- ★★ Cast steel
- ★ V2A Nirosta stainless steel, V4A



SMALL & STRONG – FOR GREAT ACCURACY

- Ideal for use in facades and windows with frequent switching back and forth between bit and drill
- Split point and 135° point angle of cutting edge for cutting through material fast with low friction
- Heller QuickBit® products: customised for use with cordless drills
- 1/4" hex. shank prevents the drill bit from slipping in the drill chuck



Art.
4010159-

2.0	12	34	26557 7
2.5	14	36	26558 4
3.0	16	38	26559 1
3.3	18	40	26560 7
3.5	18	40	26561 4
4.0	20	40	26562 1
4.2	20	45	26563 8
4.5	24	46	26564 5
5.0	26	50	26565 2
6.0	26	50	26566 9
8.0	32	51	26567 6
10.0	38	54	26568 3

976

QuickBit® HSS-G Super Twist Drill Sets

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get a bit more



Art.
4010159-

* 3/4/5/6/8	5	26571 3
** 2/3/4/5/6/8, 1 adapter, 13 bits	20	26572 0



Sheet metal	★★★
Non-ferrous metals	★★
CrNi steel	★
Stainless steel	★
Iron	★★
Cast	★★
Cast steel	★

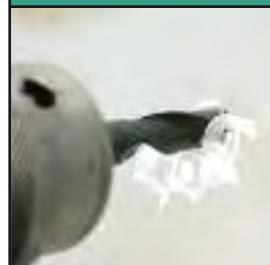


THE CLASSIC FOR SIMPLE SOLUTIONS IN METAL

- Ideal for drilling in unalloyed steels
- Web thinning with 118° point angle for long service life
- Reliable HSS drill with constant spiral hardness
- Precision tool to DIN 338 RN



Diameter	Length	Flute Length	Flute Width	Flute Count	Part Number
1.0		12	34	3	17790 0
1.5		18	40	3	17791 7
2.0		24	49	3	17792 4
2.5	M 3	30	57	2	17793 1
3.0		33	61	2	17794 8
3.2		36	65	2	17795 5
3.3	M 4	36	65	2	17796 2
3.5		39	70	2	17797 9
4.0		43	75	2	17798 6
4.2	M 5	43	75	2	17799 3
4.5		47	80	2	17800 6
4.8		52	86	2	17801 3
5.0	M 6	52	86	2	17802 0
5.5		57	93	2	17803 7
6.0	M 7	57	93	2	17804 4
6.5		63	101	1	17805 1
7.0	M 8	69	109	1	17806 8
7.5		69	109	1	17807 5
8.0		75	117	1	17808 2
8.5	M 10	75	117	1	17809 9
9.0		81	125	1	17810 5
9.5	M 11	81	125	1	17811 2
10.0		87	133	1	17812 9
10.5		87	133	1	17813 6
11.0		94	142	1	17814 3
11.5		94	142	1	17815 0
12.0	M 14	101	151	1	17816 7
12.5		101	151	1	17817 4
13.0		101	151	1	17818 1



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1.0		12	34	10	18450 2
1.1		14	36	10	18451 9
1.2		16	38	10	18452 6
1.3		16	38	10	18453 3
1.4		18	40	10	18454 0
1.5		18	40	10	18455 7
1.6	M 2	20	43	10	18456 4
1.7		20	43	10	18457 1
1.8		22	46	10	18458 8
1.9		22	46	10	18459 5
2.0		24	49	10	18460 1
2.1		24	49	10	18461 8
2.2		27	53	10	18462 5
2.3		27	53	10	18463 2
2.4		30	57	10	18464 9
2.5	M 3	30	57	10	18465 6
2.6		30	57	10	18466 3
2.7		33	61	10	18467 0
2.8		33	61	10	18468 7
2.9		33	61	10	18469 4
3.0		33	61	10	18470 0
3.1		36	65	10	18471 7
3.2		36	65	10	18472 4
3.3	M 4	36	65	10	18473 1
3.4		39	70	10	18474 8
3.5		39	70	10	18475 5
3.6		39	70	10	18476 2
3.7		39	70	10	18477 9
3.8		43	75	10	18478 6
3.9		43	75	10	18479 3
4.0		43	75	10	18480 9
4.1		43	75	10	18481 6
4.2	M 5	43	75	10	18482 3
4.3		47	80	10	18483 0
4.4		47	80	10	18484 7
4.5		47	80	10	18485 4
4.6		47	80	10	18486 1
4.7		47	80	10	18487 8
4.8		52	86	10	18488 5
4.9		52	86	10	18489 2
5.0	M 6	52	86	10	18490 8
5.1		52	86	10	18491 5
5.2		52	86	10	18492 2
5.3		52	86	10	18493 9
5.4		57	93	10	18494 6
5.5		57	93	10	18495 3
5.6		57	93	10	18496 0
5.7		57	93	10	18497 7
5.8		57	93	10	18498 4
5.9		57	93	10	18499 1
6.0	M 7	57	93	10	18500 4
6.1		63	101	10	18501 1

6.2		63	101	10	18502 8
6.3		63	101	10	18503 5
6.4		63	101	10	18504 2
6.5		63	101	10	18505 9
6.6		63	101	10	18506 6
6.7		63	101	10	18507 3
6.8	M 8	69	109	10	18508 0
6.9		69	109	10	18509 7
7.0		69	109	10	18510 3
7.1		69	109	10	18511 0
7.2		69	109	10	18512 7
7.3		69	109	10	18513 4
7.4		69	109	10	18514 1
7.5		69	109	10	18515 8
7.6		75	117	10	18516 5
7.7		75	117	10	18517 2
7.8	M 9	75	117	10	18518 9
7.9		75	117	10	18519 6
8.0		75	117	10	18520 2
8.1		75	117	10	18521 9
8.2		75	117	10	18522 6
8.3		75	117	10	18523 3
8.4		75	117	10	18524 0
8.5	M 10	75	117	10	18525 7
8.6		81	125	10	18526 4
8.7		81	125	10	18527 1
8.8		81	125	10	18528 8
8.9		81	125	10	18529 5
9.0		81	125	10	18530 1
9.1		81	125	10	18531 8
9.2		81	125	10	18532 5
9.3		81	125	10	18533 2
9.4		81	125	10	18534 9
9.5	M 11	81	125	10	18535 6
9.6		87	133	10	18536 3
9.7		87	133	10	18537 0
9.8		87	133	10	18538 7
9.9		87	133	10	18539 4
10.0		87	133	10	18540 0
10.2	M 12	87	133	5	18541 7
10.5		87	133	5	18542 4
11.0		94	142	5	18544 8
11.5		94	142	5	18546 2
12.0	M 14	101	151	5	18548 6
12.5		101	151	5	18550 9
13.0		101	151	5	18552 3
13.5		108	160	5	18554 7
14.0	M 16	108	160	5	18556 1
14.5		114	169	5	18558 5
15.0		114	169	5	18560 8
15.5	M 18	120	178	5	18562 2
16.0		120	178	5	18564 6



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HSS-R Twist Drill DIN 338 RN Sets

901

* 2/3/4/5/6/8	6	17732 0
** 2/2.5/3/3.5...7/7.5/8	13	17734 4
*** 1/1.5/2/2.5/3...9/9.5/10	19	17737 5
**** 1/1.5/2/2.5/3...12/12.5/13	25	18371 0



HSS-R Twist Drill DIN 338 RN large Merchandiser Cabinets

1.0/1.1/1.2...9.8/9.9/10.0	10 of ea.	
10.5/11.0/11.5/12.0/12.5/13.0	5 of ea.	
Complete	940	21040 9
Empty merchandiser cabinet		21041 6



HSS-R Twist Drill DIN 338 RN Quadropack Dimensions in inches

	Inch				
1,6	1/16"	20	43	10	23255 5
2,0	5/64"	24	49	10	23256 2
2,4	3/32"	30	57	10	23257 9
2,8	7/64"	33	61	10	23258 6
3,2	1/8"	36	65	10	23259 3
3,6	9/64"	36	70	10	23260 9
4,0	5/32"	43	75	10	23261 6
4,4	11/64"	47	80	10	23262 3
4,8	3/16"	52	86	10	23263 0
5,2	13/64"	52	86	10	23264 7
5,6	7/32"	57	93	10	23265 4
6,0	15/64"	57	93	10	23266 1
6,4	1/4"	63	101	10	23267 8
6,8	17/64"	69	109	10	23268 5
7,1	9/32"	69	109	10	23269 2
7,5	19/64"	69	109	10	23270 8
7,9	5/16"	75	117	10	23271 5
8,3	21/64"	75	117	10	23272 2
8,7	11/32"	81	125	10	23273 9
9,1	23/64"	81	125	10	50130 9
9,5	3/8"	87	133	10	23275 3

	Inch				
9,9	25/64"	87	133	10	50131 6
10,3	13/22"	87	133	10	18044 3
10,7	27/64"	94	142	5	50132 3
11,1	7/16"	94	142	5	23279 1
11,5	29/64"	94	142	5	50133 0
11,9	15/32"	101	151	5	23281 3
12,3	31/64"	101	151	5	50134 7
12,7	1/2"	101	151	5	18045 0



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- ★★★ Sheet metal
- ★★ Non-ferrous metals
- ★★ CrNi steel
- ★★ Stainless steel
- ★★★ Iron
- ★★★ Cast
- ★★ Cast steel
- ★ V2A Nirosta stainless steel, V4A



SHORT – BUT WITH A LONG SERVICE LIFE

- Stub automatic drill and vehicle drill bits
- Manufactured to DIN 1897
- Precision-ground grooves and diameter for outstanding dimensional accuracy
- Strengthened web, making them highly resistant to breakage

					Art. 4010159-
2.0	12	38	10	21423 0	
2.1	12	38	10	21424 7	
2.2	13	40	10	21425 4	
2.3	13	40	10	21426 1	
2.5	14	43	10	21428 5	
2.6	14	43	10	21429 2	
2.7	16	46	10	21430 8	
2.8	16	46	10	21431 5	
2.9	16	46	10	21432 2	
3.0	16	46	10	21433 9	
3.1	18	49	10	21434 6	
3.2	18	49	10	21435 3	
3.25	18	49	10	23846 5	
3.3	18	49	10	21436 0	
3.4	20	52	10	21437 7	
3.5	20	52	10	21438 4	
3.6	20	52	10	21439 1	
3.7	20	52	10	21440 7	
3.75	20	52	10	23847 2	
3.8	22	55	10	21441 4	
3.9	22	55	10	21442 1	
4.0	22	55	10	21443 8	
4.1	22	55	10	21444 5	
4.2	22	55	10	21445 2	
4.3	24	58	10	21446 9	
4.4	24	58	10	21447 6	
4.5	24	58	10	21448 3	
4.6	24	58	10	21449 0	
4.7	24	58	10	21450 6	
4.8	26	62	10	21451 3	
4.9	26	62	10	21452 0	
5.0	26	62	10	21453 7	
5.1	26	62	10	21454 4	
5.2	26	62	10	21455 1	
5.5	28	66	10	21456 8	
5.7	28	66	10	21982 2	
6.0	28	66	10	21457 5	
7.0	34	74	10	24504 3	
7.5	34	74	10	24505 0	
8.0	37	79	10	24506 7	
8.5	37	79	10	24507 4	
9.0	40	84	10	24508 1	
10.0	43	89	10	24509 8	



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Sheet metal ★★★
 Non-ferrous metals ★★
 CrNi steel ★★
 Stainless steel ★★
 Iron ★★★★
 Cast ★★★★
 Cast steel ★★
 V2A Nirosta stainless steel, V4A ★



THE DEPTH DRILL

- ▶ Extra long for great hole depths, e.g., for drilling through drill bushes
- ▶ Precision-ground grooves and diameter for outstanding centering
- ▶ Manufactured to DIN 340
- ▶ Strengthened web, making them highly resistant to breakage

2.0	56	85	1	21349 3
3.0	66	100	1	21351 6
3.2	69	106	1	21352 3
3.3	69	106	1	21353 0
4.0	78	119	1	21355 4
4.2	78	119	1	21356 1
4.8	87	132	1	21358 5
5.0	87	132	1	21359 2
6.0	91	139	1	21362 2
6.8	102	156	1	21364 6
7.0	102	156	1	21365 3
8.0	109	165	1	21367 7
8.5	109	165	1	21368 4
9.0	115	175	1	21369 1
10.0	121	184	1	21371 4
11.0	128	195	1	21373 8
12.0	134	205	1	21375 2
13.0	134	205	1	21377 6



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HSS-G Super Twist Drill DIN 340 extra long series Quadropacks



				Art. 4010159-					Art. 4010159-
1.5	45	70	10	22349 2	5.7	91	139	10	24513 5
2.0	56	85	10	21379 0	5.8	91	139	10	24514 2
2.5	62	95	10	21380 6	6.0	91	139	10	21392 9
3.0	66	100	10	21381 3	6.5	97	148	10	21393 6
3.2	69	106	10	21382 0	6.8	102	156	10	21394 3
3.3	69	106	10	21383 7	7.0	102	156	10	21395 0
3.4	73	112	10	22352 2	7.5	102	156	10	21396 7
3.5	73	112	10	21384 4	8.0	109	165	10	21397 4
3.8	78	119	10	22353 9	8.5	109	165	10	21398 1
4.0	78	119	10	21385 1	9.0	115	175	10	21399 8
4.1	78	119	10	24510 4	9.5	115	175	10	21400 1
4.2	78	119	10	21386 8	10.0	121	184	10	21401 8
4.5	82	126	10	21387 5	10.2	121	184	5	24515 9
4.8	87	132	10	21388 2	10.5	121	184	5	21402 5
5.0	87	132	10	21389 9	11.0	128	195	5	21403 2
5.1	87	132	10	21390 5	11.5	128	195	5	21404 9
5.2	87	132	10	24511 1	12.0	134	205	5	21405 6
5.5	91	139	10	21391 2	12.5	134	205	5	21406 3
					13.0	134	205	5	21407 0

904

HSS Twist Drills with reduced Shank

- ★★★ Sheet metal
- ★★ Non-ferrous metals
- ★ CrNi steel
- ★ Stainless steel
- ★★ Iron
- ★★ Cast
- ★ Cast steel



THE SOLUTION FOR ALL DRILL CHUCKS

- Reduced shank facilitates large-diameter holes in a small drill chuck and in hand drills
- Web thinning with 118° point angle for maximum service life
- Ideal for drilling in alloyed and unalloyed steels up to 1100 N/mm²

				Art. 4010159-
10.0	87	133	8	21542 8
10.5	87	133	8	21543 5
11.0	94	142	8	21544 2

Reduced shank



				Art. 4010159-
11.5	94	142	8	21545 9
12.0	101	151	8	21546 6
12.5	101	151	8	21547 3
13.0	101	151	8	21548 0
13.5	108	160	10	21549 7
14.0	108	160	10	21550 3
14.5	114	169	10	21551 0
15.0	114	169	10	21552 7
15.5	120	178	10	21553 4
16.0	120	178	10	21554 1
16.5	125	184	13	21555 8
17.0	125	184	13	21556 5
17.5	130	191	13	21557 2
18.0	130	191	13	21558 9
18.5	135	198	13	21559 6
19.0	135	198	13	21560 2
19.5	140	205	13	21561 9
20.0	140	205	13	21562 6
22.0	150	219	13	23998 1
25.0	150	246	13	23999 8

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HIGH-QUALITY SOLUTION FOR STATIONARY DRILLING

- Shank form and tool length optimised for use with pillar-type drills
- Ground HSS bit with maximum precision
- Ideal for drilling in alloyed and unalloyed steels up to 1100 N/mm²
- Web thinning with 118° point angle for maximum service life

				Art. 4010159-
10.0	76	156	10	26036 7
10.5	76	156	10	26037 4
11.0	76	156	10	26038 1
11.5	76	156	10	26039 8
12.0	76	156	10	26040 4
12.5	76	156	10	26041 1
13.0	76	156	1/2"	26042 8
13.5	76	156	1/2"	26043 5
14.0	76	156	1/2"	26044 2
14.5	76	156	1/2"	26045 9
15.0	76	156	1/2"	26046 6
15.5	76	156	1/2"	26047 3
16.0	76	156	1/2"	26048 0
16.5	76	156	1/2"	26049 7
17.0	76	156	1/2"	26050 3
17.5	76	156	1/2"	26051 0
18.0	76	156	1/2"	26052 7
18.5	76	156	1/2"	26053 4
19.0	76	156	1/2"	26054 1
19.5	76	156	1/2"	26055 8
20.0	76	156	1/2"	26056 5
22.0	76	156	1/2"	26057 2
25.0	76	156	1/2"	26058 9

Inch	9/16"	76	156	1/2"	50135 4
	5/8"	76	156	1/2"	50136 1
	11/16"	76	156	1/2"	50137 7
	3/4"	76	156	1/2"	50138 4
	13/16"	76	156	1/2"	50139 1
	7/8"	76	156	1/2"	50140 8
	1"	76	156	1/2"	50142 2



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★★★ Sheet metal
★★ Non-ferrous metals
★ CrNi steel
★ Stainless steel
★★ Iron
★★ Cast
★ Cast steel



INDISPENSABLE FOR STATIONARY DRILLING

- Web thinning with 118° point angle for maximum service life
- Morse taper shank to DIN 345
- Good chip removal and true-running accuracy
- Diameter tolerance h8



mm		mm		mm		Art.
10.0	87	168	MK 1	21476 6		4010159-
11.0	94	175	MK 1	21478 0		
11.5	94	175	MK 1	21479 7		
12.0	101	182	MK 1	21480 3		
12.5	101	182	MK 1	21481 0		
13.0	101	182	MK 1	21482 7		
13.5	108	189	MK 1	21483 4		
14.0	108	189	MK 1	21484 1		
14.5	114	212	MK 2	21485 8		
15.0	114	212	MK 2	21486 5		
15.5	120	218	MK 2	21487 2		
16.0	120	218	MK 2	21488 9		
16.5	125	223	MK 2	21489 6		
17.0	125	223	MK 2	21490 2		
17.5	130	228	MK 2	21491 9		
18.0	130	228	MK 2	21492 6		
18.5	135	233	MK 2	21493 3		
19.0	135	233	MK 2	21494 0		
19.5	140	238	MK 2	21495 7		
20.0	140	238	MK 2	21496 4		
20.5	145	243	MK 2	21497 1		
21.0	145	243	MK 2	21498 8		
21.5	150	248	MK 2	21499 5		
22.0	150	248	MK 2	21500 8		
22.5	155	253	MK 2	21501 5		
23.0	155	253	MK 2	21502 2		
23.5	155	253	MK 3	21503 9		
24.0	160	281	MK 3	21504 6		



24.5	160	281	MK 3	21505 3
25.0	160	281	MK 3	21506 0
25.5	165	286	MK 3	21507 7
26.0	165	286	MK 3	21508 4
26.5	165	286	MK 3	21509 1
27.0	170	291	MK 3	21510 7
27.5	170	291	MK 3	21511 4
28.0	170	291	MK 3	21512 1
28.5	175	296	MK 3	21513 8
29.0	175	296	MK 3	21514 5
29.5	175	296	MK 3	21515 2
30.0	175	296	MK 3	21516 9
30.5	180	301	MK 3	21517 6
31.0	180	301	MK 3	21518 3
31.5	180	301	MK 3	21519 0
32.0	185	334	MK 4	21520 6
32.5	185	334	MK 4	21521 3
33.0	185	334	MK 4	21522 0
33.5	185	334	MK 4	21523 7
34.0	190	339	MK 4	21524 4
34.5	190	339	MK 4	21525 1
35.0	190	339	MK 4	21526 8
36.0	195	344	MK 4	21527 5
37.0	195	344	MK 4	21528 2
38.0	200	349	MK 4	21529 9
39.0	200	349	MK 4	21530 5
40.0	200	349	MK 4	21531 2
41.0	205	354	MK 4	21532 9
42.0	205	354	MK 4	21533 6
42.5	205	354	MK 4	24178 6
43.0	210	359	MK 4	21534 3
44.0	210	359	MK 4	21535 0
45.0	210	359	MK 4	21536 7
46.0	215	364	MK 4	21537 4
47.0	215	364	MK 4	21538 1
49.0	220	369	MK 4	21540 4
50.0	220	369	MK 4	21541 1



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HSS-G Super Double-ended Drills

930



				Art. 4010159-
3.0	11	46	10	21408 7
3.1	11	49	10	21409 4
3.2	11	49	10	21410 0
3.3	11	49	10	21411 7
3.5	12	52	10	21412 4
4.0	14	55	10	21413 1
4.1	14	55	10	21414 8
4.2	14	55	10	21415 5
4.5	16	58	10	21416 2
4.8	17	62	10	21417 9
5.0	17	62	10	21418 6
5.1	17	62	10	21419 3
5.2	17	62	10	21420 9
5.5	19	66	10	21421 6
6.0	19	66	10	21422 3

TWICE AS EFFECTIVE

- Both ends can be used – fast change possible
- Sheet metal drill bits for body shells and metalworking and for tubular rivet holes
- Precision-ground grooves and diameter for outstanding dimensional accuracy
- High true-running accuracy



HSS Deburring Countersinks 90°

922



Sheet metal	★★
Non-ferrous metals	★★
CrNi steel	★
Stainless steel	★
Iron	★★★
Cast	★★★
Cast steel	★★
V2A Nirosta stainless steel, V4A	★
Plastics	★★★

THREE CUTTING EDGES – TWICE AS GOOD

- Precision tool of professional quality
- Long service life
- Deburses and countersinks at the same time

			Art. 4010159-
6.3	45	5	22583 0
8.3	50	6	22584 7
10.4	50	6	22585 4
12.4	56	8	22586 1
16.5	60	8	22587 8
20.5	63	10	22588 5
25.0	67	10	22589 2



HSS Deburring Countersink 90° Set

922

		Art. 4010159-
6.3/8.3/10.4/12.4/16.5/20.5	6	22590 8



heller
get a bit more

923

HSS Cross-hole Countersinks 90°

- ★★ Sheet metal
- ★★ Non-ferrous metals
- ★ CrNi steel
- ★ Stainless steel
- ★★★ Iron
- ★★★ Cast
- ★★ Cast steel
- ★ V2A Nirosta stainless steel, V4A
- ★★★ Plastics



DEBURRING THE QUICK AND EASY WAY

- Countersink and deburr in one operation
- Innovative chip removal
- High-performance for professional users



2-5	10	45	6	22591 5
5-10	14	48	8	22592 2
10-15	21	65	10	22593 9
15-20	28	85	12	22594 6
20-25	35	102	15	22595 3

923

HSS Cross-hole Countersink 90° Set



2-5/5-10/10-15/15-20

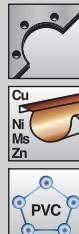
4

22596 0

924

HSS Tube and Sheet Drill Bits

- ★★★ Sheet metal
- ★★★ Non-ferrous metals
- ★★ CrNi steel
- ★★ Stainless steel
- ★ V2A Nirosta stainless steel, V4A
- ★★★ Plastics



CUTS EFFORTLESSLY THROUGH SHEET METAL AND PLASTIC

- Diameter marked on the drill bit
- Angle of the cone 20-30°
- Highly flexible drilling diameter
- Ideal for working with sheet metal and for drilling holes in switch cabinets

No.	mm Ø	mm L	mm D	mm	Art. 4010159-
1	3.0-14.0	58	34	6	22597 7
2	5.0-20.0	71	44	8	22598 4
3	16.0-30.5	76	52	9	22599 1
4	24.0-40.0	89	62	10	22600 4
5	36.0-50.0	97	68	12	22601 1
6	40.0-61.0	103	75	13	22602 8
8 L	5.0-31.0	103	81	9	22603 5

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get a bit more

HSS Tube and Sheet Drill Bit Set

924

No.



Art.
4010159-

1/2/3

3

22604 2



HSS Step Drill Bits

925



ONE DRILL BIT – A MULTITUDE OF DRILLING DIAMETERS

- Precision tool for the professional
- Ideal for drilling in cable ducts and for switch cabinets
- Diameter marked on the drill bit
- Extremely long service life

No.			mm	Steps		Art. 4010159-
0,9	4-12	65	9	6		22605 9
1	4-20	75	9	8		22606 6
2	4-30	100	14	10		22607 3
4	6-26,75	77	7	10		22608 0
5	4-39	107	7	10		22609 7
9	6-37	100	11	10		22610 3



HSS Step Drill Bit Set

925

No.



Art.
4010159-

0,9/1/2

3

22611 0



HSS Milling Cutter

926



MILL AND DRILL WITH THE ONE TOOL

- For enlarging holes and oval holes
- For use in wood, plastic and non-ferrous metals



Art.
4010159-

6.0

90

22613 4



heller
get a bit more

HSS-G Super Starters

- ★★★ Sheet metal
- ★★★ Non-ferrous metals
- ★★ CrNi steel
- ★★ Stainless steel
- ★★★ Iron
- ★★★ Cast
- ★★★ Cast steel
- ★★ V2A Nirosta stainless steel, V4A
- ★★★ Plastics



PRECISE, SHORT, RELIABLE

- Perfect for installation work on thin-walled materials e.g., sheet metal, flat bars or rolled sections
- Extra short and robust quality bit with ground profile
- Ideal for accurately positioned drill holes – not only on CNC centres
- Center and chamfer in one operation
- High breaking strength and good centering
- Improved chip removal due to chip distribution



5	15	60	26102 9
6	20	66	26103 6
8	25	79	26104 3
10	25	89	26105 0
12	30	102	26106 7
16	35	115	26107 4
20	40	135	26108 1

916

HSS-G Super Twist Drills DIN 1869 extra long series

- ★★★ Sheet metal
- ★★★ Non-ferrous metals
- ★★★ CrNi steel
- ★★ Stainless steel
- ★★★ Iron
- ★★★ Cast
- ★★★ Cast steel
- ★★ V2A Nirosta stainless steel, V4A
- ★★★ Plastics



EXACT DRILLING AT GREAT DEPTHS

- Special HSS twist drill to DIN 1869 for extra-deep drill holes and holes located at a depth
- Special spiral design for high true-running accuracy and bit dimensional stability
- Fast chip removal thanks to parabolic spiral
- Regular airing speeds up drilling and increases service life
- For a multitude of metals up to a strength of 900 N/mm²

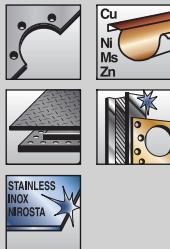


3,0	130	190	26116 6
3,2	135	200	26117 3
3,3	135	200	26118 0
3,5	145	210	26119 7
4,0	150	220	26120 3
4,2	150	220	26121 0



4,5	160	235	26122 7
5,0	170	245	26123 4
5,5	180	260	26124 1
6,0	180	260	26125 8
6,5	190	275	26126 5
7,0	200	290	26127 2
8,0	210	305	26128 9
8,5	210	305	26129 6
9,0	250	320	26130 2
10,0	235	340	26131 9
10,5	250	365	26132 6
11,0	250	365	26133 3
12,0	260	375	26134 0
13,0	260	375	26135 7

heller
get a bit more

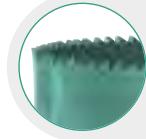


IDEAL SOLUTION FOR HIGH-QUALITY MATERIAL

- Exact holes for recessed sockets and passing cables and pipes
- Extremely quiet-running thanks to Vario toothing
- Reduced-vibration drilling with fast saw advance
- Long service life thanks to special-alloy tool steel body with solid mounting plate
- 8% cobalt-alloy high-speed steel toothing in bi-metal quality
- Great for material thicknesses up to 1 mm
- Use of cutting oil extends the service life of the tool considerably

			Art. No.
16	38	48	26632 1
19	38	48	26634 5
20	38	48	26635 2
22	38	48	26637 6
25	38	48	26640 6
27	38	48	26641 3
29	38	48	26642 0
30	38	48	26643 7
32	38	48	26644 4
35	38	48	27414 2
38	38	48	26645 1
40	38	48	26646 8
44	38	48	26647 5
51	38	48	26650 5
57	38	48	26652 9
60	38	48	26653 6
64	38	48	26654 3
68	38	48	26656 7
70	38	48	26657 4
83	38	48	27395 4
105	38	48	27396 1

Tooth pitch:
10 teeth per
inch



HSS-Co Stainless Steel Hole Saw Accessories

934 Drive Adapter & Pilot Bit

Hole saws dia. mm Shank

Art. No.
4010159-

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

935 Pilot Bit

			Art. No.
6.35	80	Tri.	10072 4
6.35	110	Tri.	19095 4

936 Ejector Spring

Ejector Spring	Art. No.
	21958 7



heller
get a bit more

Prefix HSS Metal Drill Bits

- ★★ Sheet metal
- ★★★ Non-ferrous-metal
- ★★★ Plastics
- ★★ Steel
- ★★ Cast



FOR MANY METAL APPLICATIONS

- Reliable metal drill bit for unalloyed steels and non-ferrous metal
- Web-thinned centre point for accurate bit positioning



6.0	57	93	10	26892 9
6.5	63	101	10	26893 6
8.0	75	117	10	26895 0
9.0	81	125	10	26896 7
10.0	87	133	10	26897 4

Art.
4010159-

Accessories



921 HSS manual Countersink



Art.
4010159-

921

16.5

22612 7

927 Drilling paste

927

22614 1

941 Scriber

Steel with tungsten carbide tip

8.0

145

10728 0

GRP with tungsten carbide tip

7.0

145

10319 0

942 Centre punch

942

SW 13 (hex.)

100

10733 4

2030 Drill chuck accessories

Chuck dia. in mm

Toothed rim drill chuck with key

1/2"-20 UNF

1,5-13

50104 0

Toothed rim drill chuck with key and SDS adapter

1/2"-20 UNF

1,5-13

50105 7

Quick-action drill chuck

3/8"-24 UNF

1,5-10

50106 4

Quick-action drill chuck

1/2"-20 UNF

2-13

50107 1

2035 Chuck key

Jacobs

Röhm

Vitrex

KG

S 14

No. 10

Small

50108 8

K 30

S 8

No. 30

10 teeth

50109 5

S 2

S 2

No. 34

12 teeth

50110 1

heller
get a bit more





3015 Masonry	5/6/8	3	
901 HSS	5/6/8	3	
333 Wood	5/6/8	3	
Total		9	17741 2



HSS, Masonry Universal Set

3090 / 09



3015 Masonry	4/5/6/8	4	
901 HSS	3/4/5/6/8	5	
Total		9	17742 9



DIAMOND RANGE

Precise, fast and durable - the diamond range from Heller.



Find out more about the complete diamond range starting on page 46.

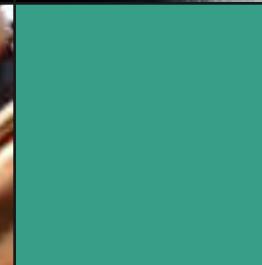


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UNIVERSAL & SPECIAL DRILL BITS



UNIVERSAL & SPECIAL DRILL BITS



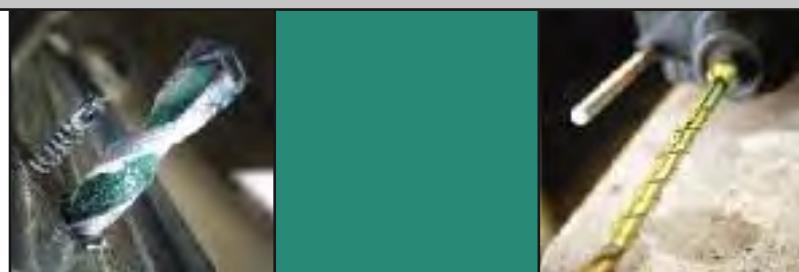
Technical details

Recommended applications

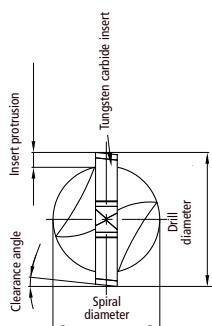
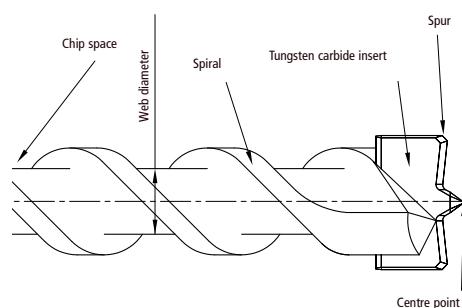
Composites in the form of sections or plates are often made of a combination of different materials. A universal drill bit is most suitable for the task because it meets all the requirements of the different materials.

In addition, it saves the tradesman time if he uses tools with which he can drill through various materials in one operation. If components have to be fixed to brickwork, it saves a lot of time on adjustment and measurements if one bit can drill through the various materials. Moreover, these tools are suitable for users who only use a drill very occasionally. The occasional user will find the suitable all-round tool here, which he can use to drill through diverse materials. There is no need for these customers to buy special tools.

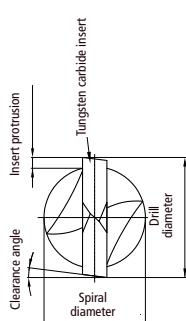
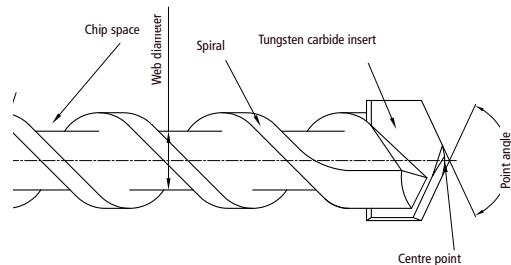
Some modern building materials place demands on tools which conventional drilling tools cannot meet. For that reason, Heller offers special solutions which were designed for working with these new materials.



Allround



Allmat



Universal drill bit speeds

MATERIAL	SPEED RPM AT DIA. 8 mm	COOLING
Wall tiles	700	With
Roof tiles	700	With
Brickwork	1700	Without
Laminated chipboard	2000-2500	Without
Weather boards	2000-2500	Without

Heller quality for consistently good results

Heller uses only the best steels and tungsten carbide inserts for its quality bits. At the same time, precise workmanship is a priority, which shows, for example, in the sharp cutting edges and in low true-running errors. And, of course, aspects such as ergonomics and work safety also play a crucial role. We let the demands of the professional user be our guide. Ultimately, all Heller products make the tradesman's work speedier and more economical.



- ★★★ Sheet metal
- ★★ Non-ferrous metals
- ★ CrNi steel
- ★ Stainless steel
- ★★★ Iron
- ★★★ Cast
- ★★ Cast steel
- ★ V2A Nirosta stainless steel, V4A
- ★★★ Beams
- ★★ Laminated chipboard
- ★★ Veneered wood
- ★ Hardwood
- ★★ Chipboard
- ★ Plywood
- ★★★ Softwood
- ★★★ Plasterboard
- ★★★ Insulating materials
- ★★★ Plastics



WITH SHARP TEETH FOR RELIABLE RESULTS

- Fast drill advance and no jamming thanks to Vario Pitch toothing
- Clean, circular holes thanks to precision manufacturing
- Breakage-resistant design thanks to alloyed tool steel and solid adapter plate
- Accessories: adapter, pilot bit and ejector spring available separately



mm		inch	
14.0	32	1/2" – 20	11903 0
16.0	32	1/2" – 20	11904 7
17.0	32	1/2" – 20	11905 4
19.0	32	1/2" – 20	19071 8
20.0	32	1/2" – 20	19072 5
21.0	32	1/2" – 20	19906 3
22.0	32	1/2" – 20	19073 2
24.0	32	1/2" – 20	17907 2
25.0	32	1/2" – 20	19074 9
27.0	32	1/2" – 20	19908 7
29.0	32	1/2" – 20	19909 4
30.0	32	1/2" – 20	19075 6
32.0	32	5/8" – 18	19076 3
33.0	32	5/8" – 18	19910 0
35.0	32	5/8" – 18	19077 0
37.0	32	5/8" – 18	19911 7
38.0	32	5/8" – 18	19078 7
40.0	32	5/8" – 18	19079 4
41.0	32	5/8" – 18	19912 4
43.0	32	5/8" – 18	19913 1
44.0	32	5/8" – 18	19080 0
46.0	32	5/8" – 18	19914 8



Tooth pitch:
4-6 teeth per
inch



mm		inch	
48.0	32	5/8" – 18	19915 5
50.0	32	5/8" – 18	19081 7
51.0	32	5/8" – 18	19916 2
52.0	32	5/8" – 18	19917 9
54.0	32	5/8" – 18	19082 4
57.0	32	5/8" – 18	19083 1
59.0	32	5/8" – 18	24535 7
60.0	32	5/8" – 18	19084 8
64.0	32	5/8" – 18	19085 5
65.0	32	5/8" – 18	19918 6
67.0	32	5/8" – 18	19919 3
68.0	32	5/8" – 18	19086 2
70.0	32	5/8" – 18	19087 9
73.0	32	5/8" – 18	19920 9
76.0	32	5/8" – 18	19088 6
79.0	32	5/8" – 18	19921 6
83.0	32	5/8" – 18	19089 3
86.0	32	5/8" – 18	19922 3
89.0	32	5/8" – 18	19090 9
92.0	32	5/8" – 18	19923 0
95.0	32	5/8" – 18	19924 7
98.0	32	5/8" – 18	19925 4
102.0	32	5/8" – 18	19091 6
105.0	32	5/8" – 18	19926 1
108.0	32	5/8" – 18	24536 4
111.0	32	5/8" – 18	19927 8
114.0	32	5/8" – 18	19928 5
121.0	32	5/8" – 18	19929 2
127.0	32	5/8" – 18	19930 8
140.0	32	5/8" – 18	19931 5
152.0	32	5/8" – 18	19932 2

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get a bit more

The HSS bi-metal hole saw has sharp toothing. The teeth will last if you take care of the hole saw and use it only on the materials for which it is intended. The set of the teeth provides the necessary clearance and prevents the hole saw from wearing out and excessive friction against the workpiece.

To ensure that the hole saw has a long service life, it is important to use the right speed at all times. Too high a speed will break off the teeth or damage the adapter. Please use the table as a guide. Apply a reasonable amount of pressure when working.

Always drill at right angles to the surface of the material. Tilting can break off the teeth.

Please always use cutting oil when working with metals, in order to cool the materials and increase the service life.

If the core stays in the hole saw, you can easily poke it out through the hole at the head or sides. In any case, the core should be removed after every drilling operation.

We recommend you use an additional handle for large drilling diameters in order to guide the machine better.



SPEED (RPM)

mm Ø	Soft steel / Plastics	VA steel / Cast steel	Wood / Derived timber products	Brass / Aluminium
25	350	175	560	470
30	285	145	530	380
35	250	125	500	330
40	220	110	475	290
45	195	95	450	260
50	170	85	430	230
55	160	80	410	210
60	140	70	390	190
65	130	65	370	175
70	125	60	355	160
75	115	55	340	150
80	110	55	325	145
85	100	50	312	130

mm Ø	Soft steel / Plastics	VA steel / Cast steel	Wood / Derived timber products	Brass / Aluminium
90	95	45	300	120
95	90	45	285	120
100	85	40	270	110
105	85	40	265	110
110	80	40	250	100
115	75	35	245	100
120	70	35	235	90
125	65	30	220	85
130	65	30	220	85
135	65	30	300	85
140	60	30	300	80
145	60	30	300	80
150	55	25	300	75



Bi-metal Hole Saw Accessories

934 Drive Adapter & Pilot Bit

Hole saws dia. mm	Shank	Thread	Art. 4010159-
14-30	Hex. 9.5	1/2" x 20	50103 3
14-30	Tri.	1/2" x 20	19092 3
14-30	Hex. 11	1/2" x 20	19093 0
32-152	Hex. 11	5/8" x 18	19094 7
14-30	SDS-plus	1/2" x 20	10070 0
32-152	SDS-plus	5/8" x 18	10071 7



935 Pilot Bit

mm Ø	80	Tri.	10072 4
6.35	110	Tri.	19095 4



936 Ejector Spring

Ejector Spring	21958 7
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Bi-metal Hole Saw Sets

Hole Saw, dia. 68, SDS-plus Drive Adapter & Pilot Bit	26159 3
Hole Saw, dia. 83, SDS-plus Drive Adapter & Pilot Bit	26160 9
Hole Saw, dia. 68, hex. Drive Adapter & Pilot Bit	19779 3
Hole Saw, dia. 83, hex. Drive Adapter & Pilot Bit	19780 9



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Art.
4010159

Standard 1

Hole Saw dia. 19/25/38/48/68/83, hex. Drive Adapter & Pilot Bit
14-30/32-152, Ejector Spring

9

23412 2

Standard 2

Hole Saw dia. 22/25/29/32/38, hex. Drive Adapter & Pilot Bit 14-
30, Ejector Spring, Mandrel

7

50100 2

Electricians Kit 1

Hole Saw dia. 19/22/35/68/70/76, hex. Drive Adapter & Pilot Bit
14-30/32-152, Ejector Spring

9

23413 9

Electricians Kit 2

Hole Saw dia. 16/20/25/32/40/51, hex. Drive Adapter & Pilot Bit
14-30/32-152, Ejector Spring

9

50101 9

Electricians Kit 3

Hole Saw dia. 35/40/50/60/68/76/83, hex. Drive Adapter & Pilot Bit
32-152, Ejector Spring

9

26015 2

Plumbers Kit 1

Hole Saw dia. 19/25/32/38/51, hex. Drive Adapter & Pilot Bit 14-
30/32-152, Ejector Spring

8

23414 6

Plumbers Kit 2

Hole Saw dia. 19/22/29/38/44/57, hex. Drive Adapter & Pilot Bit
14-30/32-152, Ejector Spring

9

50102 6



3700

Allround Universal Drill Bits

- ★ Fired tiles
- ★★ Gas concrete/YTONG
- ★ Granite
- ★★ Sand-lime brick
- ★★ Clinker
- ★★ Aerated concrete
- ★ Marble
- ★★ Brickwork
- ★ Stone
- ★★ Wall tiles
- ★★ Roof tiles
- ★ Beams
- ★★ Laminated chipboard
- ★★ Veneered wood
- ★★ Hardwood
- ★ Shutter boards
- ★★ Chipboard
- ★★ Plywood
- ★ Cross-grain wood
- ★★ Softwood
- ★★ Sheet metal
- ★★ Non-ferrous metals
- ★ Cast
- ★★ Acrylic glass
- ★★ Plasterboard
- ★ Glass
- ★★ Insulating materials
- ★★ Plastics
- ★ Mirror glass



Extremely accurate drilling



THE ALL-ROUNDER FOR MANY MATERIALS

- For general-purpose use in a multitude of materials
- Also ideal for laminated roof tiles, very hard wood and sandwich materials
- Extremely accurate drilling thanks to tungsten carbide centre point
- Easy starting even on smooth surfaces



3.0	45	85	22711 7
4.0	45	85	10334 3
5.0	50	95	10335 0
6.0	60	100	10336 7
8.0	80	120	10337 4
10.0	80	120	10338 1
12.0	90	150	10339 8



3700

Allround Drill Bit Sets

heller
get a bit more



5/6/8/10	4	16916 5
4/5/6/8/10	5	25846 3



	Gas concrete/YTONG ★★★
	Sand-lime brick ★
	Aerated concrete ★★★
	Wall tiles ★
	Beams ★★
	Laminated chipboard ★★★
	Veneered wood ★★★
	Hardwood ★★
	Shutter boards ★★★
	Chipboard ★★★
	Plywood ★★★
	Softwood ★★★
	Acrylic glass ★★
	Plasterboard ★★★
	Insulating materials ★★★
	Plastics ★★

INDISPENSABLE FOR ALL INSTALLATIONS

- Ideal for all work: cut recesses for sockets & pipes in an instant
- For general-purpose use in a multitude of materials
- Long service life thanks to resharpenable tungsten carbide cutting edges
- Exact positioning when starting thanks to pilot bit

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



M 16



The ALLMAT multi-purpose hole saw has sharp toothing for excellent quality cutting with fast advance. The teeth will last if you take care of the hole saw and use it on the materials for which it is intended. If the teeth are no longer as sharp as they were due to extended or inappropriate use, you can have them resharpened by your sharpening service.

When drilling in wall tiles, work at a low speed to prevent chipping. Drill the centering hole first and use the pilot bit as a guide.

Always drill at right angles to the surface of the material. Tilting can break off the tungsten carbide teeth.

If the core stays in the hole saw, you can easily poke it out through the hole in the side. In any case, the core should be removed after every drilling operation. You can detach the core from the brickwork by sticking a screwdriver into the centering hole and pushing the core aside.

The core bit is easy to change. Unscrew the core bit from the shank using a spanner (size 24). Given the large drilling diameter, we recommend you use an additional handle in order to guide the machine better.



SPEED (RPM)

	Derived timber products	Plastics	Light brickwork	Wall tiles
25	1000	800	880	560
30	950	750	820	530
35	900	700	780	500
40	850	650	740	475
45	800	600	680	450
50	750	550	640	430
60	650	450	540	390



	Derived timber products	Plastics	Light brickwork	Wall tiles
65	600	400	510	370
68	570	380	460	355
76	530	360	410	340
80	500	340	380	325
82	470	320	350	310
105	400	300	300	300

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3726 Pilot Bit dia. 9 mm

25957 6

3770 SDS-plus Drive Adapter

25959 0

3770 Hex. Adapter Shank

25958 3



Core Bit dia. 68, hex. Adapter, Pilot Bit

3

26029 9

Core Bit dia. 82, hex. Adapter, Pilot Bit

3

26031 2

Core Bit dia. 68, SDS-plus Adapter, Pilot Bit

3

26157 9

Core Bit dia. 82, SDS-plus Adapter, Pilot Bit

3

26158 6

Sanitary installation hexagonal

Core Bit dia. 25/35/40/50/105, hex. Adapter, Pilot Bit

7

25955 2

Electrical installation hexagonal

Core Bit dia. 60/68/76/82, hex. Adapter, Pilot Bit

6

25956 9

Electrical installation SDS-plus

Core Bit dia. 60/68/76/82, SDS-plus Adapter, Pilot Bit

6

26030 5

Sanitary installation SDS-plus 1

Core Bit dia. 25/35/40/50/105, SDS-plus Adapter, Pilot Bit

7

26028 2

Sanitary installation SDS-plus 2

Core Bit dia. 40/45/50/60/65, SDS-plus Adapter, Pilot Bit

7

26032 9

Sanitary installation SDS-plus 3

Core Bit dia. 25/30/35/60/105, SDS-plus Adapter, Pilot Bit

7

26161 6



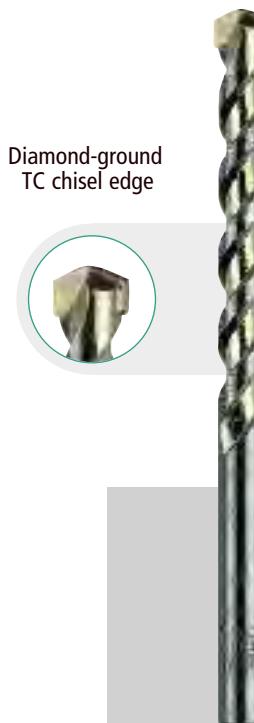
- ★★★ Gas concrete/YTONG
- ★ Marble
- ★★★ Sand-lime brick
- ★★★ Clinker
- ★★★ Aerated concrete
- ★★★ Marble
- ★★★ Brickwork
- ★★★ Stone
- ★★ Wall tiles
- ★★ Roof tiles
- ★★ Beams
- ★ Eternit
- ★ Beams
- Laminated chipboard
- Veneered wood
- ★ Hardwood
- ★ Shutter boards
- ★ Chipboard
- ★★ Plywood
- ★ Cross-grain wood
- ★ Softwood
- ★ Sheet metal
- ★ Aluminium
- ★ Non-ferrous metals
- ★ Cast
- ★ Acrylic glass
- Plasterboard
- Insulating materials
- Plastics

**THE RELIABLE ALL-ROUNDER**

- The ideal universal drill bit for a multitude of materials used on the building site
- The use of one drill bit for diverse materials and composites saves time and money
- Drilling also possible on smooth and hard surfaces thanks to the diamond-ground tungsten carbide chisel edge
- A light impact may be used for drilling in brickwork & stone



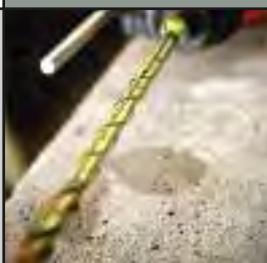
			Art. 4010159-
3.0	30	70	22680 6
4.0	45	85	21985 3
5.0	50	95	19414 3
5.0	110	150	21673 9
5.5	50	95	22681 3
6.0	60	100	19415 0
6.0	110	150	21674 6
6.5	60	100	22682 0
7.0	110	150	23423 8
8.0	80	120	19416 7
8.0	135	200	21675 3
10.0	80	120	19417 4
10.0	135	200	21676 0
12.0	90	150	19420 4
12.0	150	220	21677 7
14.0	200	260	21678 4



Diamond-ground
TC chisel edge

3740 / 04

			Art. 4010159-
5/6/8/10	4	22697 4	



Allmat SDS-plus Universal Drill Bits

3718

			Art. 4010159-
6.0	100	160	21679 1
8.0	100	160	21680 7
8.0	150	210	21681 4
10.0	100	160	21682 1
10.0	200	260	21683 8
10.0	250	300	22837 4
12.0	100	160	21684 5
12.0	200	260	21685 2
14.0	200	260	21686 9

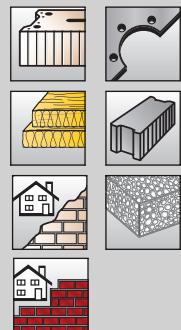
Diamond-ground
TC chisel edge



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QuickBit® Allmat Universal Drill Bits

- ★★★ Gas concrete/YTONG
- ★ Marble
- ★★★ Sand-lime brick
- ★★★ Clinker
- ★★ Aerated concrete
- ★★★ Marble
- ★★★ Brickwork
- ★★★ Stone
- ★★ Wall tiles
- ★★★ Roof tiles
- ★★ Beams
- ★ Eternit
- ★ Balken
- ★ Laminated chipboard
- ★ Veneered wood
- ★★ Hardwood
- ★ Shutter boards
- ★ Chipboard
- ★★ Plywood
- ★ Cross-grain wood
- ★ Softwood
- ★★ Sheet metal
- ★ Aluminium
- ★ Non-ferrous metals
- ★★ Iron
- ★ Cast
- ★★ Acrylic glass
- ★★ Plasterboard
- ★★★ Insulating materials
- ★ Plastics



FOR A MULTITUDE OF MATERIALS USED ON THE BUILDING SITE

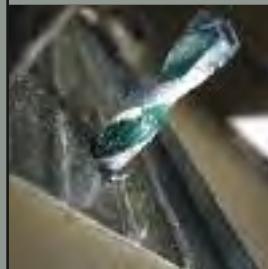
- The ideal universal drill bit for a multitude of materials used on the building site
- Easy starting even on smooth and hard surfaces thanks to special cutting edge point
- Heller QuickBit® products: customised for use with cordless drills
- Super fast changing between drills and bits
- 1/4" hex. shank prevents the drill bit from slipping in the drill chuck



mm Ø	mm L	mm L	Art.
4.0	45	85	26263 7
5.0	50	95	26264 4
6.0	60	100	26265 1
7.0	60	100	26266 8
8.0	70	120	26267 5
10.0	70	120	26268 2



QuickBit® Allmat Sets



* 4/5/6/8/10	5	26284 2
** Allmat dia. 5/6/8/10, 1 Adapter, 13 Bits	20	26510 2
*** Allmat dia. 5/6/8/10, CeramicMaster dia. 5/6/8/10/14, 1 Adapter, 13 Bits	23	26509 6

975

QuickBit® Multimat Universal Drill Bits

- ★★★ Sheet metal
- ★★★ Iron
- ★★★ Non-ferrous metals
- ★★ Stainless steel
- ★★ Cast
- ★★ Solid wood
- ★★ Derived timber products
- ★★★ Plastics



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A TRUE ALL-ROUNDER

- Lightening-fast bit-changing on all drills, thanks to the 1/4" hex. shank
- Customised for use with cordless drills
- Hex. shank prevents the drill bit from slipping in the drill chuck
- Fast advance for universal use

mm Ø	mm L	mm L	Art.
2.0	36	70	27293 3
2.5	44	78	27294 0
3.0	48	82	27295 7
3.5	57	91	27296 4
4.0	62	96	27297 1
5.0	73	107	27298 8

			Art. 4010159-
6.0	80	114	27299 5
7.0	88	115	27300 8
8.0	90	117	27301 5

			Art. 4010159-
10.0	106	133	27302 2
12.0	124	151	27303 9
13.0	124	151	27304 6



QuickBit® Multimat Sets

		Art. 4010159-
* 3/4/5/6/8	5	27305 3
** Multimat dia. 2/3/4/5/6/8/10, TurboStone dia. 5/6/8/10, 1 Adapter, 1 Deburring Countersink, 13 Bits	26	27306 0
** Multimat dia. 2/3/4/5/6/7/8, TurboStone dia. 5/6/7/8, 1 Adapter, 1 Deburring Countersink, 13 Bits	26	27307 7



QuickBit® CeramicMaster

3900



Acrylic glass	★★★
Glass	★★★
Mirror glass	★★★
Fired tiles	★★
Wall tiles	★★★
Roof tiles	★★★
Granite	★
Marble	★★

A TRUE EXPERT FOR CRITICAL MATERIAL

- For rotary drilling in glass and standard ceramic materials
- Pointed chisel edge, which can be resharpened at any time, facilitates precise starting
- Heller QuickBit® products: customised for use with cordless drills
- Super fast changing between drills and bits
- 1/4" hex. shank prevents the drill bit from slipping in the drill chuck
- Important: Use only for rotary drilling at a low speed and provide adequate cooling



		Art. 4010159-
3.0	75	50091 3
4.0	75	50092 0
5.0	75	50093 7
6.0	75	50094 4
6.5	78	50095 1
7.0	78	26209 5
8.0	85	50096 8
10.0	85	50097 5
13.0	100	50098 2
14.0	100	50099 9



QuickBit® CeramicMaster Sets

3900

		Art. 4010159-
* 4/5/6/8/10	5	24942 3
** Allmat dia. 5/6/8/10, CeramicMaster dia. 5/6/8/10/14, 1 Adapter, 13 Bits	23	26509 6



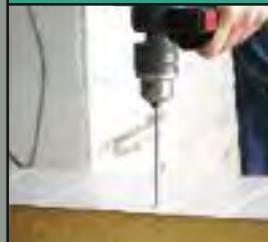
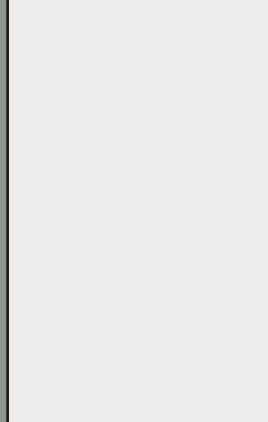
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get a bit more

- ★★★ Sandwich panels
- ★★★ Non-ferrous metals
- ★★★ Beams
- ★★★ Softwood
- ★★★ Sheet metal
- ★★★ Plasterboard
- ★★★ Insulating materials
- ★★ Plastics



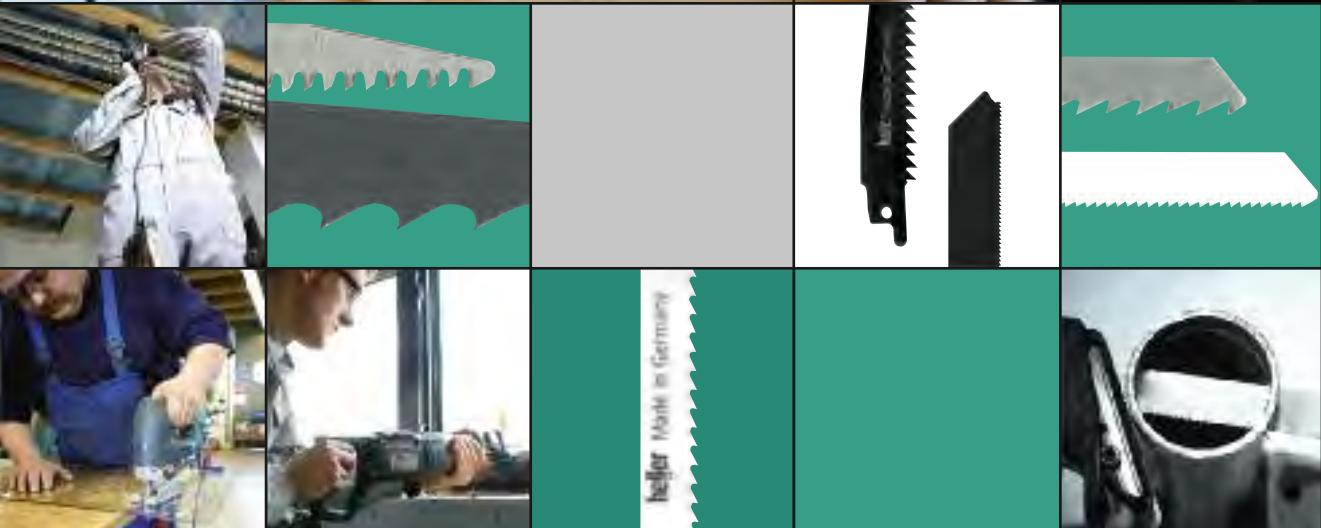
FOR PRECISION-DRILLING THROUGH HOLLOW SECTIONS

- Ideal for drilling in hollow sections like window frames or sheet metal sections
- Ideal for drilling through composite materials made of insulation, steel core, plastic and wood
- Drill bit is very robust thanks to the short spiral
- Precise point cut guarantees good advance



			Art.
3,0	30	100	26665 9
4,9	30	100	26666 6
4,9	30	150	26667 3
5,0	30	100	26669 7
5,0	30	150	26670 3
5,0	30	210	26671 0
5,1	30	70	26672 7
5,1	30	100	26673 4
5,1	30	150	26674 1
5,1	30	210	26675 8
5,3	30	70	26676 5
5,3	30	100	26677 2
5,3	30	150	26678 9
5,3	30	210	26679 6
5,5	30	70	26680 2
5,5	30	100	26681 9
5,5	30	150	26682 6
5,5	30	210	26683 3
5,7	30	100	26684 0
5,7	30	120	26685 7
5,7	30	150	26686 4
5,7	30	180	26687 1
5,7	30	210	26688 8
5,8	30	70	26689 5
5,8	30	100	26690 1
5,8	30	120	26691 8
5,8	30	150	26692 5
5,8	30	180	26693 2
5,8	30	210	26694 9
5,9	30	100	26695 6
5,9	30	150	26696 3
5,9	30	210	26697 0

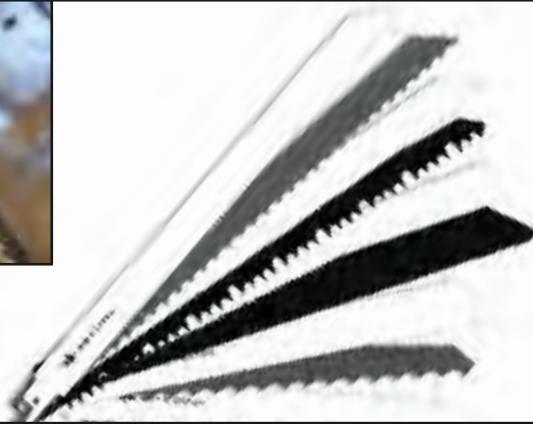
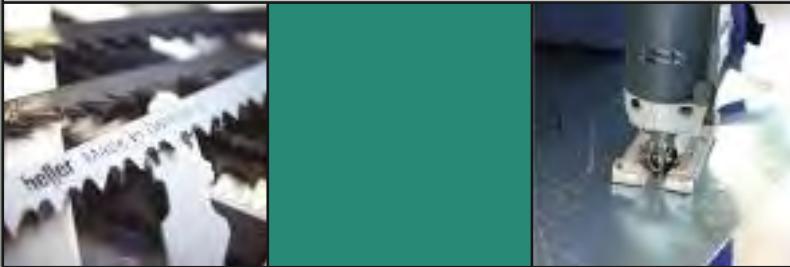
JIGSAW & RECIPRO SAW BLADES



JIGSAW & RECIPRO SAW BLADES

Technical details

Recommended applications



Tradesmen who work with wood and metal equally value the merits of the jigsaw & recipro saw blades. Many of the kinds of cut used on the construction site or in industrial manufacturing are possible with a jigsaw or recipro saw. Whether for dismounting components or for the geometrically accurate cutting of plates or sections made of wood, metal or plastic, jigsaw & recipro saw blades are perfect. Plate cutouts are possible, as is the precise machining of outer edges. Nowadays, saw blades are even used for work on gas concrete and tiles.



Adapters



Jigsaw blades are compatible with machines from AEG, Atlas Copco, Bosch, DeWalt, Elu, Festool, Flex, Hitachi, Holz-Her, Kress, Mafell, Makita, Metabo, Protoll.

Recipro saw blades are compatible with machines from AEG, Atlas Copco, Black & Decker, Bosch, Elu, Fein, Flex, Hitachi, Makita, Metabo, Milwaukee, Porter Cable, Rems, Rockwell, Roller, Skil.



Material qualities

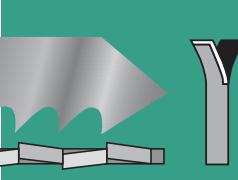
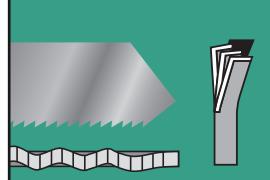
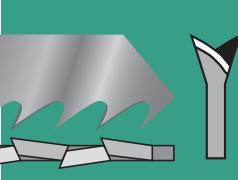
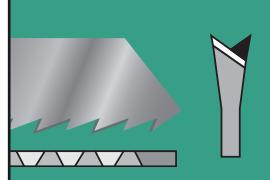
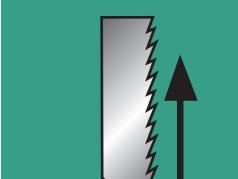
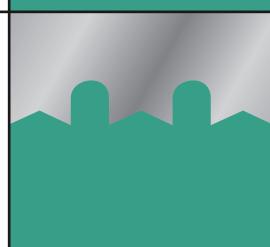
CV / Chrome Vanadium steel Alloyed tool steel for sawing soft materials like wood, chipboard or plastic.	HCS/CV	High-speed steel (HSS) Completely hardened high-speed steel for working on hard materials like metal, aluminium and non-ferrous metals.	HSS
-------------------------------------------------------------------------------------------------------------	---------------	--------------------------------------------------------------------------------------------------------------------------------------------	------------

Tungsten-carbide-tipped Alloyed tool steel with tungsten-carbide-coated teeth for working on abrasive materials, hardwood, fibreglass-reinforced plastics or gas concrete blocks.	CV-HM	Dressed with tungsten carbide granules Alloyed tool steel, the saw blade of which is dressed with tungsten carbide grit. Specially for abrasive materials and glass, ceramic or fibreglass-reinforced plastics.	CV-HM/DT
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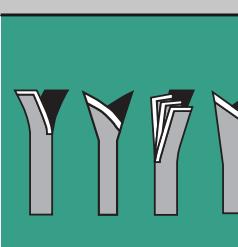
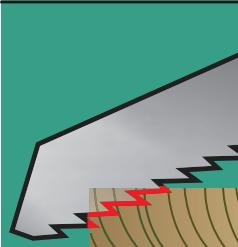
Bi-metal Flexible, laser-welded combination of alloyed spring band steel on the blade back and high-speed steel-tipped teeth. Excelling cutting performance with 2 to 10 times the service life and high breaking strength.	
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Technical details

Types of toothing

	Offset Rough and fast cut for working on all types of wood, plastic, non-ferrous metals and aluminium.		Wavy set teeth Fine and clean cut in iron, steel, aluminium and non-ferrous metals.
	Offset and diagonally sharpened teeth Fast and moderately clean cut for working on all types of wood and plastics.		Conically ground blade and diagonally sharpened teeth Very clean and precise cut for all types of wood and plastic.
	Regular teeth (pull cut) Rough and fast cut for working on all types of wood, plastic, non-ferrous metals and aluminium.		Push cut teeth For very clean and splinter-free surface cuts.
	Variable tooth pitch For example 10-14 teeth per inch (TPI). For use in wood and metal or wood with metal residue.		"M" teeth General-purpose saw blade for almost any material. Fast cut: up to twice as fast as conventional teeth. Up to 3 times the service life of conventional saw blades.

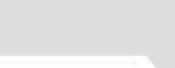
Tips and tricks

	Toothing We recommend you use fine-teeth blades in thin material and coarse teeth in thick material.		Service life To increase the service life and wear-resistance of the saw blade, coolant like cutting oil (for steel or metals), turpentine (for aluminium) or water (for plastics or plexiglass) should be used appropriately.
	The correct tooth pitch The tooth geometry and the tooth pitch, which is a measure of the distance between the tips of the teeth, determine the cutting characteristics and the saw speed. 2-3 teeth should always be engaged with the material and this is the rule of thumb for deciding which tooth pitch to use.		

Heller quality for consistently good results

Only the best steel grades are used for Heller tools. At the same time, precise workmanship is a priority, which shows in the linearity of the jigsaw & recipro saw blades, among other things. Ultimately, all Heller products make the tradesman's work speedier and more economical.

HCS JIGSAW BLADE			HCS JIGSAW BLADE		
For soft wood and insulating material 2-15 mm		Clean cutting edges in material 3-30 mm			
	► 50 mm blade length, 2.0 mm tooth pitch ► Wavy set ► For fast cuts Ref. no.: T119B Pack of: 5 Art. no.: 24011 6		► 75 mm blade length, 2.5 mm tooth pitch ► Conically ground, diagonally sharpened ► For clean cuts, push cut teeth Ref. no.: T101BR Pack of: 5 Art. no.: 24017 8		
HCS JIGSAW BLADE			BI-METAL JIGSAW BLADE		
Coarse, quick cuts in material 4-50 mm		Longlife – for clean cuts in material 3-30 mm			
	► 75 mm blade length, 3.0 mm tooth pitch ► Offset ► For fast cuts Ref. no.: T111C Pack of: 5 Art. no.: 24012 3		► 75 mm blade length, 2.5 mm tooth pitch ► Conically ground, diagonally sharpened ► For clean, fast cuts Ref. no.: T101BF Pack of: 5 Art. no.: 24018 5		
HCS JIGSAW BLADE			BI-METAL JIGSAW BLADE		
For clean cuts in material 3-30 mm		Coarse, quick cuts in material 5-50 mm			
	► 75 mm blade length, 2.5 mm tooth pitch ► Conically ground, diagonally sharpened ► For clean, fast cuts Ref. no.: T101B Pack of: 5 Art. no.: 24013 0		► 75 mm blade length, 4.0 mm tooth pitch ► Diagonally sharpened, offset ► For coarse, fast cuts Ref. no.: T144DF Pack of: 5 Art. no.: 24019 2		
HCS JIGSAW BLADE			HCS JIGSAW BLADE		
Coarse, quick cuts in material 5-50 mm		Curved saw blade in material 5-50 mm			
	► 75 mm blade length, 4.0 mm tooth pitch ► Conically ground, diagonally sharpened ► For fast cuts Ref. no.: T101D Pack of: 5 Art. no.: 24014 7		► 75 mm blade length, 4.0 mm tooth pitch ► Diagonally sharpened, offset ► For fast curved cuts Ref. no.: T244D Pack of: 5 Art. no.: 25801 2		
HCS JIGSAW BLADE			HCS JIGSAW BLADE		
Coarse, quick cuts in material 5-50 mm		For rough cuts in thick material 8-65 mm			
	► 75 mm blade length, 4.0 mm tooth pitch ► Diagonally sharpened, offset ► For coarse, fast cuts Ref. no.: T144D Pack of: 5 Art. no.: 24015 4		► 105 mm blade length, 4.0 mm tooth pitch ► Diagonally sharpened, offset ► For coarse, fast cuts Ref. no.: T344D Pack of: 5 Art. no.: 25802 9		
HCS JIGSAW BLADE			HCS DS* LONGLIFE JIGSAW BLADE		
Curved saw blade for soft wood and insulating material 2-15 mm		Thick blade, straight cuts in material 5-45 mm			
	► 50 mm blade length, 2.0 mm tooth pitch ► Wavy set ► For curved cuts Ref. no.: T119BO Pack of: 5 Art. no.: 24016 1		► 75 mm blade length, 4.0 mm tooth pitch ► Extra thick blade, conically ground ► For very straight & angular cuts Ref. no.: T101DP Pack of: 5 Art. no.: 27632 0		

HCS JIGSAW BLADE		BI-METAL JIGSAW BLADE	
			
Clean cuts, extra long blade for material 8-65 mm		Longlife – flexible blade for steel 1-3 mm	
	► 105 mm blade length, 3.0 mm tooth pitch ► Conically ground, diagonally sharpened ► For clean cuts Ref. no.: T301CD Pack of: 5 Art. no.: 25803 6		► 105 mm blade length, 1.0 mm tooth pitch ► Wavy set ► For fast cuts Ref. no.: T318AF Pack of: 5 Art. no.: 24004 8
HCS JIGSAW BLADE		BI-METAL JIGSAW BLADE	
			
Triple ground teeth – very clean and quick in material 5-60 mm		Longlife – for quick cuts in sandwich material up to 80 mm	
	► 91 mm blade length, 2.5 mm tooth pitch ► Conically ground, diagonally sharpened ► For clean, fast cuts Ref. no.: T234X Pack of: 5 Art. no.: 25804 3		► 105 mm blade length, 2.0 mm tooth pitch ► Wavy set ► For fast cuts Ref. no.: T318BF Pack of: 5 Art. no.: 24005 5
BI-METAL JIGSAW BLADE		BI-METAL JIGSAW BLADE	
			
Specially suited for laminate 2.5-20 mm		Longlife – flexible blade for Plexiglas, polycarbonate and aluminium 2-20 mm	
	► 60 mm blade length, 1.9 mm tooth pitch ► Diagonally sharpened ► For clean cuts, push cut teeth Ref. no.: Innovation Pack of: 5 Art. no.: 25817 3		► 75 mm blade length, 2.5 mm tooth pitch ► Conically ground, diagonally sharpened ► For fast cuts Ref. no.: T101A Pack of: 5 Art. no.: 24006 2
HCS DS* JIGSAW BLADE		HSS JIGSAW BLADE	
			
Extra long saw blade for wood 5-120 mm		For curved cuts in thin sheet metal 1.2 to 2 mm	
	► 155 mm blade length, 4.0 mm tooth pitch ► Extra long, ground, diagonally sharpened ► For coarse, fast cuts Ref. no.: T744D Pack of: 5 Art. no.: 27634 4		► 55 mm blade length, 1.2 mm tooth pitch ► Wavy set ► For curved cuts Ref. no.: T218A Pack of: 5 Art. no.: 24007 9
HSS JIGSAW BLADE		BI-METAL JIGSAW BLADE	
			
Quick, cleanest surface cuts in material 2-20 mm		For thin sheet metal manufactured from steel and stainless steel 1.2-2 mm	
	► 91 mm blade length, 1.9 mm tooth pitch ► Conically ground ► For extremely fast and fine cuts Ref. no.: Innovation Pack of: 5 Art. no.: 27633 7		► 55 mm blade length, 1.2 mm tooth pitch ► Wavy set ► For fast cuts Ref. no.: T118AF Pack of: 5 Art. no.: 24008 6
HSS JIGSAW BLADE		BI-METAL JIGSAW BLADE	
			
For steel, non-ferrous metal and aluminium 2.5-6 mm		Longlife – for stainless steel, aluminium and sheet metal 2.5-6 mm	
	► 55 mm blade length, 2.0 mm tooth pitch ► Wavy set ► For fast cuts Ref. no.: T118B Pack of: 5 Art. no.: 24002 4		► 55 mm blade length, 2.0 mm tooth pitch ► Wavy set ► For fast cuts Ref. no.: T118BF Pack of: 5 Art. no.: 24009 3 Price: 10,23
HSS JIGSAW BLADE			
For quick cuts in 3-15 mm aluminium and 3-30 mm lime sand brick		 heller get a bit more	
	► 75 mm blade length, 3.0 mm tooth pitch ► Offset ► For fast cuts Ref. no.: T127D Pack of: 5 Art. no.: 24003 1	* DS = Diagonally sharpened ** ATB = Alternate top bevel	

Jigsaw Blades

TUNGSTEN CARBIDE JIGSAW BLADE		 	TUNGSTEN CARBIDE JIGSAW BLADE		   
For non-ferrous metal / stainless steel 2-5 mm		For tiles, sand lime brick and sheet metal 5-15 mm			
	<ul style="list-style-type: none"> ► 50 mm blade length, 1.1 mm tooth pitch ► Tungsten carbide teeth ► For fast cuts Ref. no.: T118EHM Pack of: 3 Art. no.: 25805 0		<ul style="list-style-type: none"> ► 54 mm blade length ► Tungsten carbide-dressed ► For fast cuts Ref. no.: T130Riff Pack of: 3 Art. no.: 24010 9		
BI-METAL JIGSAW BLADE		 	BI-METAL JIGSAW BLADE		  
For wood, plastic, plasterboard 6-100 mm		Combo teeth for wood with nails and metal			
	<ul style="list-style-type: none"> ► 155 mm blade length, 1.0 mm tooth pitch ► Wavy set ► For fast cuts Ref. no.: Innovation Pack of: 5 Art. no.: 25816 6		<ul style="list-style-type: none"> ► 75 mm blade length, 1.8-2.5 mm tooth pitch ► Wavy set ► For fast cuts Ref. no.: Innovation Pack of: 5 Art. no.: 25818 0		
HSS JIGSAW BLADE		 	TUNGSTEN CARBIDE JIGSAW BLADE		  
For thin sheet metal 0.5-1.5 mm		For coarse cuts in material 5-80 mm			
	<ul style="list-style-type: none"> ► 55 mm blade length, 0,7 mm tooth pitch ► Wavy set ► For fast cuts Ref. no.: T118G Pack of: 5 Art. no.: 24000 0		<ul style="list-style-type: none"> ► 105 mm blade length, 4.2 mm tooth pitch ► Tungsten carbide-dressed ► For coarse cuts Ref. no.: T341HM Pack of: 3 Art. no.: 25800 5		
HSS JIGSAW BLADE		 	HCS JIGSAW WAVE BLADE		 
For thin sheet metal 1.2-2 mm		Serrated blade for insulating material			
	<ul style="list-style-type: none"> ► 55 mm blade length, 1,2 mm tooth pitch ► Wavy set ► For fast cuts Ref. no.: T118A Pack of: 5 Art. no.: 24001 7		<ul style="list-style-type: none"> ► 155 mm blade length, 1,9 mm tooth pitch ► Special serrated edge ► Enables reliable cutting of insulating material Ref. no.: Innovation Pack of: 3 Art. no.: 27898 0		

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Jigsaw Blade Sets

Type of Blade	mm	Application	Box	Art.
HCS Jigsaw Blade	75	3,0	Wood	1
HCS Jigsaw Blade	75	2,5	Wood	1
HCS Jigsaw Blade	75	4,0	Wood	1
HSS Jigsaw Blade	55	1,2	Metal	1
HSS Jigsaw Blade	55	2,0	Metal	1
=		5		27498 2

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Jigsaw Blade Multipacks

Type of Blade	mm	Application	Box	Art.
HCS Jigsaw Blade	75	2,5	Wood	25
HCS Jigsaw Blade	75	4,0	Wood	25
HCS Jigsaw Blade	75	4,0	Wood	25
HSS Jigsaw Blade	55	1,2	Metal	25
HSS Jigsaw Blade	55	2,0	Metal	25
=		5		27641 2
=		5		27642 9
=		5		27643 6
=		5		27644 3
=		5		27645 0

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get a bit more

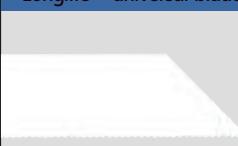
Recipro Saw Blades

HCS DS* RECIPRO SAW BLADE				BI-METAL DS RECIPRO SAW BLADE	
For wood and green wood > 175 mm			Longlife – for disassembly and renovation work (>100 / <190 mm)		
	► 130 mm blade length, 3 teeth per inch ► Offset ► For fast cuts Ref. no.: S617K Pack of: 5 Art. no.: 24045 1		► 205 mm blade length, 6 teeth per inch ► Offset ► For clean, coarse cuts Ref. no.: S1110DF Pack of: 5 Art. no.: 25810 4		
HCS DS RECIPRO SAW BLADE			BI-METAL ATB** RECIPRO SAW BLADE		
	For wood, plastic, plasterboard 6-100 mm ► 280 mm blade length, 6 teeth per inch ► Offset ► For clean parallel cuts Ref. no.: Innovation Pack of: 5 Art. no.: 24046 8		Longlife – for sheet metal and steel >1.2 mm ► 80 mm blade length, 24 teeth per inch ► Wavy set ► For clean, coarse cuts Ref. no.: S522AF Pack of: 5 Art. no.: 24047 5		
BI-METAL DS RECIPRO SAW BLADE			BI-METAL ATB RECIPRO SAW BLADE		
	Longlife – for straight cuts in wood and plastic 6-100 mm ► 130 mm blade length, 6 teeth per inch ► Offset ► For clean, fast cuts Ref. no.: S611DF Pack of: 5 Art. no.: 25806 7		Longlife – for sheet metal and steel >1.2 mm ► 130 mm blade length, 24 teeth per inch ► Offset ► For clean, coarse cuts Ref. no.: S922AF Pack of: 5 Art. no.: 24048 2		
HCS DS* RECIPRO SAW BLADE			BI-METAL ATB RECIPRO SAW BLADE		
	For wood, plastic, plasterboard 6-100 mm ► 130 mm blade length, 6 teeth per inch ► Offset ► For clean parallel cuts Ref. no.: S644D Pack of: 5 Art. no.: 24042 0		For disassembly and renovation work in steel >3 mm ► 205 mm blade length, 10 teeth per inch ► Wavy set ► For clean, coarse cuts Ref. no.: S1120CF Pack of: 5 Art. no.: 25809 8		
HCS DS JIGSAW BLADE			TUNGSTEN CARBIDE RECIPRO SAW BLADE		
	For wood and green wood up to 100 mm ► 280 mm blade length, 3 teeth per inch ► Offset ► For fast cuts Ref. no.: S1617K Pack of: 5 Art. no.: 24043 7		Special blade for stainless steel, glass fibre reinforced plastic, carbon fibre, epoxy, Plexiglas, with carbide teeth ► 95 mm blade length, 18 teeth per inch ► Tungsten carbide teeth ► For clean cuts Ref. no.: S518EHM Pack of: 2 Art. no.: 25812 8		
HCS DS RECIPRO SAW BLADE			BI-METAL DS RECIPRO SAW BLADE		
	Special blade for green wood up to 190 mm ► 220 mm blade length, 4-5 teeth per inch ► Offset ► For fast parallel cuts Ref. no.: S1531L Pack of: 5 Art. no.: 24044 4		Fastest cuts and maximum service life thanks to the M-toothing system ► 180 mm blade length, "M" teeth ► Offset ► For clean, coarse parallel cuts Ref. no.: Innovation Pack of: 5 Art. no.: 25814 2		

* DS = Diagonally sharpened

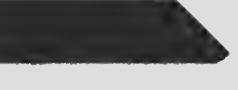
** ATB = Alternate top bevel

Recipro Saw Blades

BI-METAL DS* RECIPRO SAW BLADE		   	BI-METAL DS* RECIPRO SAW BLADE		  
Fastest cuts and maximum service life thanks to the M-toothing system		Longlife – universal blade for steel, stainless steel and non-ferrous metal 3.5-5 mm		Longlife – universal blade for steel, stainless steel and non-ferrous metal 3.5-5 mm	
		<ul style="list-style-type: none"> ► 130 mm blade length, "M" teeth ► Offset ► For clean, coarse parallel cuts Ref. no.: Innovation Pack of: 5 Art. no.: 25815 9		<ul style="list-style-type: none"> ► 130 mm blade length, 10 teeth per inch ► Offset ► For clean, coarse cuts Ref. no.: S922HF Pack of: 5 Art. no.: 24041 3	
BI-METAL ATB ** RECIPRO SAW BLADE		 	BI-METAL DS RECIPRO SAW BLADE		  
Longlife – universal blade for steel, stainless steel and non-ferrous metal 2.5-3.5 mm		Twincut® teeth for enhanced hardness in material 2-10 mm		Twincut® teeth for enhanced hardness in material 2-10 mm	
		<ul style="list-style-type: none"> ► 130 mm blade length, 14 teeth per inch ► Wavy set ► For clean, coarse cuts Ref. no.: S922BF Pack of: 5 Art. no.: 24036 9		<ul style="list-style-type: none"> ► 130 mm blade length, 10-14 teeth per inch ► Twincut® teeth, double cut, extra tough ► Excellent service life, good guidance, fast cutting action, Ref. no.: Innovation Pack of: 5 Art. no.: 27636 8	
BI-METAL ATB RECIPRO SAW BLADE		 	BI-METAL DS RECIPRO SAW BLADE		  
Longlife – universal blade for steel and stainless steel 1.5-2.5 mm		Twincut® teeth for enhanced hardness in material 2-10 mm		Twincut® teeth for enhanced hardness in material 2-10 mm	
		<ul style="list-style-type: none"> ► 130 mm blade length, 18 teeth per inch ► Wavy set ► For clean, coarse cuts Ref. no.: S922EF Pack of: 5 Art. no.: 24037 6		<ul style="list-style-type: none"> ► 205 mm blade length, 10-14 teeth per inch ► Twincut® teeth, double cut, extra tough ► Excellent service life, good guidance, fast cutting action, Ref. no.: Innovation Pack of: 5 Art. no.: 27637 5	
BI-METAL ATB RECIPRO SAW BLADE		 	BI-METAL ATB RECIPRO SAW BLADE		  
Longlife – universal blade for steel, stainless steel and non-ferrous metal 2.5-3.5 mm		Extra high blade for perfect cutting action in thick materials		Extra high blade for perfect cutting action in thick materials	
		<ul style="list-style-type: none"> ► 180 mm blade length, 14 teeth per inch ► Wavy set ► For clean, coarse cuts Ref. no.: S1122BF Pack of: 5 Art. no.: 24038 3		<ul style="list-style-type: none"> ► 205 mm blade length, 10-14 teeth per inch ► Height of 25 mm ► High blade for perfect cutting action Ref. no.: Innovation Pack of: 5 Art. no.: 27640 9	
BI-METAL ATB RECIPRO SAW BLADE		  	HM RECIPRO SAW BLADE		  
Longlife – universal blade for steel, stainless steel and non-ferrous metal 1.5-2.5 mm		For hardwood, aerated concrete, glass fibre reinforced plastic, carbon fibre		For hardwood, aerated concrete, glass fibre reinforced plastic, carbon fibre	
		<ul style="list-style-type: none"> ► 180 mm blade length, 18 teeth per inch ► Wavy set ► For clean, coarse cuts Ref. no.: S1122EF Pack of: 5 Art. no.: 24039 0		<ul style="list-style-type: none"> ► 280 mm blade length, 3 teeth per inch ► Teeth set and carbide-tipped ► For fast cutting action Ref. no.: Innovation Pack of: 1 Art. no.: 27639 9	
BI-METAL DS RECIPRO SAW BLADE		  	HCS RECIPRO WAVE SAW BLADE		  
Longlife – universal blade for steel, stainless steel and non-ferrous metal 3.5-5 mm		Serrated blade for insulating material		Serrated blade for insulating material	
		<ul style="list-style-type: none"> ► 260 mm blade length, 10 teeth per inch ► Offset ► For clean, coarse cuts Ref. no.: S1211H Pack of: 5 Art. no.: 24040 6		<ul style="list-style-type: none"> ► Working length 280 mm ► Special serrated edge ► Enables reliable cutting of insulating material Ref. no.: Innovation Pack of: 3 Art. no.: 27635 1	
					

Recipro Saw Blades

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BI-METAL DS RECIPRO SAW BLADE		 	TUNGSTEN CARBIDE RECIPRO SAW BLADE	  	
Combo teeth for wood with nails and metal as well as pallets			Longlife – for cast steel pipes, brick, tiles		
	<ul style="list-style-type: none"> ► 260 mm blade length, 10-14 teeth per inch ► Offset ► For fast cuts Ref. no.: S1222VF Pack of: 5 Art. no.: 25807 4		<ul style="list-style-type: none"> ► 210 mm blade length ► Tungsten carbide-dressed ► For fast cuts Ref. no.: S1130Riff Pack of: 2 Art. no.: 25813 5		
BI-METAL DS RECIPRO SAW BLADE		 	HM RECIPRO SAW BLADE		
Combo teeth for wood with nails and metal as well as pallets			Extra high blade for aerated concrete		
	<ul style="list-style-type: none"> ► 205 mm blade length, 10-14 teeth per inch ► Offset ► For fast cuts Ref. no.: S1122VF Pack of: 5 Art. no.: 25808 1		<ul style="list-style-type: none"> ► 430 mm blade length, 35 teeth ► Teeth set and carbide-tipped ► For fast cutting action Ref. no.: Innovation Pack of: 1 Art. no.: 27638 2		
BI-METAL DS RECIPRO SAW BLADE		 			
Combo teeth for wood with nails and metal as well as pallets					
	<ul style="list-style-type: none"> ► 130 mm blade length, 10-14 teeth per inch ► Offset ► For fast cuts Ref. no.: S922VF Pack of: 5 Art. no.: 25811 1				

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Recipro Saw Blade Sets

Type of Blade	 mm	Teeth per inch	Application		Art.
HCS SZ Recipro Saw Blade	130	6	Wood	1	4010159-
HCS SZ Recipro Saw Blade	220	4-5	Wood	1	
Bi-Metal WZ Recipro Saw Blade	130	14	Metal	1	
Bi-Metal WZ Recipro Saw Blade	180	14	Metal	1	
Bi-Metal SZ Recipro Saw Blade	205	10-14	Universal	1	
=		5		27499 9	



Recipro Saw Blade Multipacks

Type of Blade	 mm	Teeth per inch	Application		Art.
HCS Recipro Saw Blade	220	4-5	Wood	20	27900 0
HCS Recipro Saw Blade	130	6	Wood	20	27902 4
Bi-Metal Recipro Saw Blade	230	14	Metal	20	27899 7
Bi-Metal Recipro Saw Blade	130	14	Metal	20	27901 7
Bi-Metal Recipro Saw Blade	130	10-14	Universal	20	27903 1



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MODULES & DISPLAYS



MODULES & DISPLAYS



Product presentation with added value

Heller drill centre

The Heller drill centre enables you to display the entire range of drill bits for every application in the smallest of spaces for your customers!

The third dimension of successful sales



Presentation with depth

Tool presentation with the tried-and-tested modular system: compact, clear and split into three levels according to the user's requirements. You can choose from more than 50 different modules.



Eye-catching display

The Heller Top display draws the customers' eye to the drill centre from a distance. Additional lighting shows off the Heller quality tools to best effect.



Colour coding for guidance

The unified colour coding system makes it easy to find and pick out products. Every product category has a different colour. Red: hammer bits & chisels; green: concrete / masonry drill bits & diamond products; yellow: wood drill bits; blue: metal drill bits, silver: universal & special products.



Choosing products with the drill advisor

The Heller drill advisor is perfect for finding out fast which is the right tool for the application. The drill advisor helps both the sales assistant and the customer to choose a product.



The silent salesman

The label on the module displays important information on the strengths and features of the product above it – giving the customer a good initial overview.



Technical product data

Information on the dimensions of a drill bit is given on the hook rail above it – diameter, working and overall length – ideal for quick guidance. Another feature is the folding hook rails which show the EAN code and article number.



Catalogues & brochures

Heller provides a vast amount of information and literature to help you advise the customer. Be it at the counter or on the display itself.





Enduro

12,0	340	1	28178 2
16,0	340	1	28188 1
18,0	340	1	22363 8
20,0	320	1	22365 2
25,0	320	1	22373 7
28,0	320	1	22377 5
12,0	540	1	28179 9
15,0	540	1	22360 7
16,0	540	1	28189 8
18,0	540	1	22364 5
20,0	520	1	22366 9
22,0	520	1	22369 0
25,0	520	1	22374 4
26,0	520	1	23114 5
28,0	570	1	22378 2
30,0	520	1	22381 2
32,0	520	1	22383 6
35,0	520	1	22387 4

Bionic Pro

5,0	110	5	15620 2
6,0	110	5	15622 6
5,0	160	5	17650 7
6,0	160	5	15623 3
8,0	160	10	15626 4
10,0	160	5	15628 8
12,0	160	3	15631 8
8,0	210	5	15627 1
10,0	210	3	15629 5
12,0	210	3	15632 5
14,0	200	2	15637 0
16,0	200	2	15642 4
18,0	200	2	15644 8
20,0	200	2	15647 9
12,0	260	3	15633 2
10,0	310	3	18687 2
14,0	300	2	16316 3
16,0	300	2	18688 9
12,0	450	1	15969 2
16,0	450	1	15643 1
20,0	450	1	15648 6

= 88 24653 8



Counter Displays

4882 Jigsaw & Recipro Saw Blades



Image serves as an example

4882 Bionic Pro

				Art. 4010159-
Bionic				
4,0	110	10		16306 4
5,0	110	10		15620 2
6,0	110	10		15622 3
6,0	160	30		15623 3
7,0	160	10		15625 7
8,0	110	10		15966 1
8,0	160	20		15626 4
10,0	160	20		15628 8
10,0	210	10		15629 5
12,0	160	5		15631 8
12,0	210	5		15632 5
14,0	150	5		15636 3
14,0	200	5		15637 0
=		150		24655 2



2310 RebarCutter

				Art. 4010159-
RebarCutter				
12.0	230	3		24600 2
14.0	230	3		24601 9
16.0	230	3		24602 6
18.0	230	3		24603 3
20.0	230	3		24604 0
25.0	230	3		24605 7
SDS-plus adapter		6		15547 2
=		24		16874 8



Type of blade	Application		Art. 4010159-
Jigsaw			
	Wood	10	24013 0
	Wood	10	24015 4
	Metal	10	24001 7
Recipro Saw			
	Metal	5	24036 9
	Wood	5	24042 0
	Wood	5	24044 4
=		45	26255 2



Trijet Clips

				Art. 4010159-
Bionic				
4,0	110	10		16306 4
5,0	110	10		15620 2
6,0	110	10		15622 3
6,0	160	30		15623 3
7,0	160	10		15625 7
8,0	110	10		15966 1
8,0	160	20		15626 4
10,0	160	20		15628 8
10,0	210	10		15629 5
12,0	160	5		15631 8
12,0	210	5		15632 5
14,0	150	5		15636 3
14,0	200	5		15637 0
=		150		24655 2

Trijet Clips & Boxes

				Art. 4010159-
RebarCutter				
12.0	230	3		24600 2
14.0	230	3		24601 9
16.0	230	3		24602 6
18.0	230	3		24603 3
20.0	230	3		24604 0
25.0	230	3		24605 7
SDS-plus adapter		6		15547 2
=		24		16874 8



Trijet Clips

			Art. 4010159-
5.0	110	6	26740 3
6.0	110	6	26744 1
6.0	160	6	26745 8
8.0	160	6	26754 0
10.0	160	6	26760 1
8.0	210	4	26755 7
10.0	210	4	26761 8
12.0	210	4	26767 0
14.0	200	4	26773 1
16.0	200	4	26778 6
=		50	27713 6



Trijet Clips

			Art. 4010159-
6.0	160	12	26745 8
8.0	160	12	26754 0
10.0	160	12	26760 1
6.0	110	12	26744 1
8.0	110	12	26753 3
=		60	27460 9

Trijet Clips & Boxes

			Art. 4010159-
6.0	160	6	26743 4
6.0	160	6	26745 8
7.0	160	6	26751 9
8.0	160	6	26754 0
8.0	210	6	26755 7
10.0	210	6	26761 8
12.0	210	6	26767 0
=		60	27589 7



Trijet Clips & Boxes

			Art. 4010159-
5.5	160	6	26743 4
6.0	160	6	26745 8
7.0	160	6	26751 9
8.0	160	6	26754 0
10.0	160	6	26760 1
=		36	27590 3



Desktop Displays



Image serves as an example

CV Brad Point Bit Pack (of 5)

4/5/6/8/10	20	
CV Brad Point Bit Pack (of 8)		
3/4/5/6/7/8/9/10	10	
=	30	26240 8



HSS-R Twist Drill Pack (of 6)

2/3/4/5/6/8	20	
HSS-R Twist Drill Pack (of 13)		
2/2.5/3...7/7.5/8	10	
=	30	26241 5



HSS-R Twist Drill Pack (of 13)

2/2.5/3...7/7.5/8	10	
HSS-G Super Twist Drill Pack (of 13)		
2/2.5/3...7/7.5/8	10	
=	20	26243 9



HSS-R Twist Drill Pack (of 19)

1/1.5/2...9/9.5/10	5	
HSS-G Super Twist Drill Pack (of 19)		
1/1.5/2...9/9.5/10	5	
=	10	26244 6



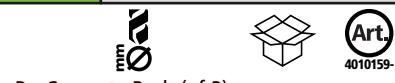
QuickBit® Allmat (Pack of 5)

4/5/6/8/10	11	
QuickBit® Brad Point Bits (Pack of 5)		
3/4/5/6/8	11	
QuickBit® HSS Super Twist Drills (Pack of 5)		
3/4/5/6/8	11	
=	33	26574 4



HSS Cobalt Twist Drills (Pack of 6)

2/3/4/5/6/8	10	
HSS G Super Twist Drills (Pack of 6)		
2/3/4/5/6/8	10	
HSS-R Twist Drills (Pack of 13)		
Ø 2-8	10	
=	30	26277 4



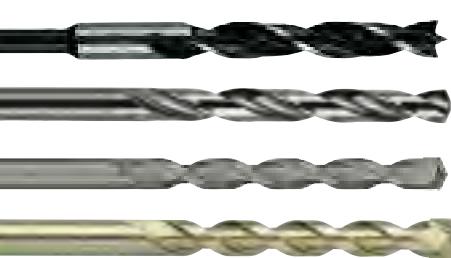
ProConcrete Pack (of 3)

5/6/8	10	
ProConcrete Pack (of 4)		
5/6/8/10	10	
ProConcrete Pack (of 5)		
4/5/6/8/10	10	
=	30	26248 4



CV Brad Point Bit Pack (of 5)

4/5/6/8/10	10	
HSS Super Twist Drill Pack (of 6)		
2/3/4/5/6/8	10	
ProConcrete Pack (of 4)		
5/6/8/10	10	
Allround Pack (of 4)		
5/6/8/10	10	
=	40	26249 1





ProStone & HSS-R Twist Drill Pack (of 9)

ProStone dia. 4/5/6/8 HSS Drill Bits dia. 3/4/5/6/8	10	
HSS-R Twist Drill Pack (of 6)		
2/3/4/5/6/8	10	
ProStone Pack (of 5)		
4/5/6/8/10	10	
=	30	26251 4



ProConcrete Pack (of 7)

4/5/6/8/10/12	7	
HSS-G Super Twist Drill Pack (of 19)		
1/1.5/2...9/9.5/10	5	
=	12	26250 7



ProConcrete Pack (of 7)

4/5/6/8/10/12	7	
Bionic Pro Pack (of 7)		
5/6/8 x 50/110 6/8/10/12 x 100/160	6	
= 13 26246 0		



Bionic Pro Pack (of 3)

5/6/8 x 50/110	10	
Bionic Pro Pack (of 4)		
5/6 x 50/110 8/10 x 100/160	10	
Bionic Pro Pack (of 5)		
5/6 x 50/110 6/8/10 x 100/160	10	
= 30	26247 7	



CV Brad Point Bit Pack (of 5)

4/5/6/8/10	10	
HSS-R Twist Drill Pack (of 6)		
2/3/4/5/6/8	10	
ProStone Pack (of 5)		
4/5/6/8/10	10	
Allmat Pack (of 4)		
5/6/8/10	10	
= 40	26278 1	



	Module	4807/ 02	2018 Bionic Pro SDS-plus	4807/ 02/44	2018 Bionic Pro SDS-plus																																																																																																																																																																												
				   	   																																																																																																																																																																												
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12	600	2	15970 8																																																																																																																																																																														
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15	200	1	15639 4																																																																																																																																																																														
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22	250	1	15649 3																																																																																																																																																																														
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25	450	1	15653 0																																																																																																																																																																														
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**4807/
44****2018 Bionic Pro SDS-plus**

			Art. 4010159-
4,0	110	5	16306 4
5,0	110	5	15620 2
5,0	160	5	17650 7
5,5	110	5	15965 4
5,5	160	5	17298 1
6,0	110	5	15622 6
6,0	160	5	15623 3
6,5	160	5	19350 4
7,0	160	5	15625 7
7,0	210	5	21687 6
8,0	160	5	15626 4
8,0	210	5	15627 1
10,0	160	5	15628 8
10,0	210	5	15629 5
10,0	310	2	18687 2
12,0	160	2	15631 8
12,0	260	2	15633 2
14,0	200	2	15637 0
16,0	200	2	15642 4
18,0	200	2	15644 8
20,0	200	2	15647 9
=		84	21741 5

**4823****2011 Chisels
2518 Y-Cutter SDS-plus**

			Art. 4010159-
SDS-plus Chisels			
Pointed	250	3	16114 5
Pointed	250	3	19620 8
Flat	250	4	19621 5
Spade	250	4	19622 2
Mortar	250	4	19624 6
Gouge	250	4	19623 9
Tile	250	2	22833 6
Winged	250	2	22835 0
Y-CutterErgo SDS-plus			
18.0	450	1	22525 0
20.0	450	1	22527 4
22.0	450	1	22528 1
25.0	450	1	22531 1
28.0	450	1	22533 5
30.0	450	1	22534 2
=		32	24196 0

**4825****EnDuro Trijet & Y-Cutter SDS-max**

			Art. 4010159-
12	340	1	28178 2
14	340	1	28183 6
16	340	1	28188 1
18	340	1	22363 8
20	320	1	22365 2
25	320	1	22373 7
12	540	1	28179 9
14	540	1	28184 3
16	540	1	28189 8
18	540	1	22364 5
20	520	1	22366 9
22	520	1	22369 0
25	520	1	22374 4
28	520	1	22378 2
30	520	1	22381 2
32	520	1	22383 6
35	520	1	22387 4
40	520	1	22392 8
=		18	24198 4

4862**2618 Trijet
2518 Y-Cutter SDS-plus**

			Art. 4010159-
Trijet			
6.0	110	6	26744 1
6.0	160	6	26745 8
8.0	160	6	26754 0
8.0	210	4	26755 7
10.0	160	6	26760 1
10.0	210	4	26761 8
12.0	160	4	26766 3
12.0	210	4	26767 0
12.0	450	3	26770 0
14.0	200	3	26773 1
16.0	200	3	26778 6
16.0	450	3	26781 6
Y-Cutter			
18.0	300	3	22524 3
18.0	450	3	22525 0
20.0	300	3	22526 7
20.0	450	3	22527 4
22.0	450	2	22528 1
25.0	450	2	22531 1
=		68	27586 6

**4861****2618 Trijet SDS-plus**

			Art. 4010159-
5.0	110	6	26740 3
6.0	110	6	26744 1
5.0	160	6	26741 0
6.0	160	6	26745 8
8.0	160	6	26754 0
10.0	160	6	26760 1
12.0	160	6	26766 3
6.0	210	4	26746 5
8.0	210	6	26755 7
10.0	210	6	26761 8
12.0	210	4	26767 0
14.0	200	4	26773 1
16.0	200	4	26778 6
8.0	310	4	26757 1
10.0	310	4	26763 2
12.0	310	4	26769 4
14.0	300	4	26775 5
16.0	300	4	26780 9
=		90	27500 2



4836 2018 Bionic Pro SDS-plus Eco Boxes**4828** 2511 SDS-max Chisels**4848** 2511 Chisel SDS-max
2011 Chisel SDS-plus

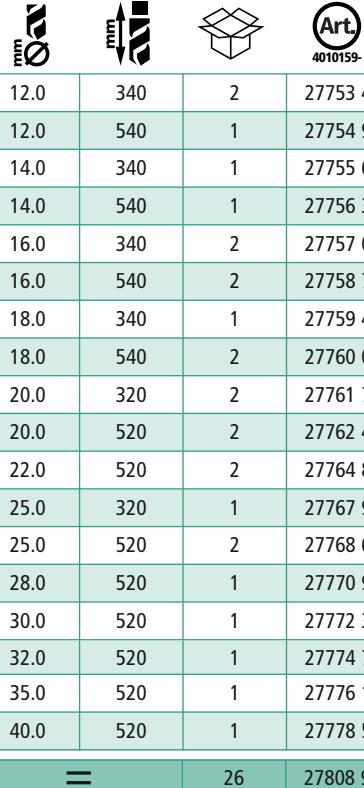
5,0	110	3	19440 2
6,0	110	6	19442 6
6,0	160	3	19443 3
8,0	110	3	19444 0
8,0	160	3	19445 7
8,0	210	3	19446 4
10,0	160	3	19447 1
10,0	210	3	19448 8
12,0	160	3	19449 5
12,0	210	3	19450 1
14,0	200	3	19452 5
=	36		24214 1



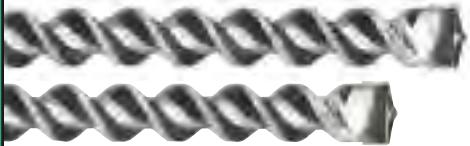
Pointed	280	2	21000 3
Flat	280	2	21003 4
Gouge	300	1	21008 9
Chasing	300	1	21009 6
Spade	300	1	21007 2
Spade	400	2	21006 5
Pointed	400	4	21001 0
Flat	400	4	21004 1
Toothed	300	1	21010 2
Mortar raking	300	1	21011 9
Pointed	600	2	21002 7
Flat	600	2	21005 8
Tile	300	1	22832 9
Winged	380	1	22834 3
=	25		24199 1



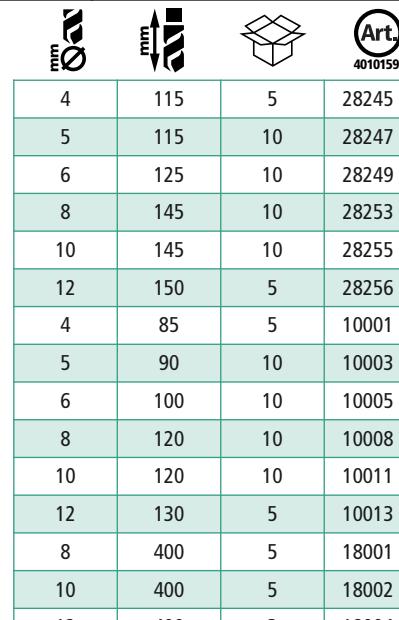
SDS-plus Chisels			
Pointed	250	4	19620 8
Flat	250	4	19621 5
Spade	250	4	19622 2
Tile	250	4	22833 6
Gouge	250	4	19623 9
Winged	250	4	22835 0
SDS-max Chisels			
Pointed	400	2	21001 0
Flat	400	2	21004 1
Spade	400	2	21006 5
Tile	300	2	22832 9
Gouge	300	2	21008 9
Winged	380	2	22834 3
Pointed	600	2	21002 7
Flat	600	2	21005 8
Spade	300	2	21007 2
Toothed	300	1	21010 2
Mortar raking	300	1	21011 9
Chasing	300	1	21009 6
=	45		26019 0

**4863** 2725 Speed2Max SDS-max**4824** 2011 SDS-plus Chisels**4810** 3750 ProXtreme
3000 ProConcrete

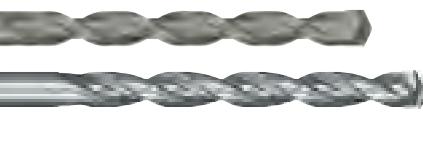
12,0	340	2	27753 4
12,0	540	1	27754 9
14,0	340	1	27755 6
14,0	540	1	27756 3
16,0	340	2	27757 0
16,0	540	2	27758 7
18,0	340	1	27759 4
18,0	540	2	27760 0
20,0	320	2	27761 7
20,0	520	2	27762 4
22,0	520	2	27764 8
25,0	320	1	27767 9
25,0	520	2	27768 6
28,0	520	1	27770 9
30,0	520	1	27772 3
32,0	520	1	27774 7
35,0	520	1	27776 1
40,0	520	1	27778 5
=	26		27808 9



Pointed	250	6	16114 5
Pointed	250	6	19620 8
Flat	250	6	19621 5
Spade	250	6	19622 2
Gouge	250	4	19623 9
Mortar	250	4	19624 6
Tile	250	2	22833 6
Winged	250	2	22835 0
=	36		24197 7



4	115	5	28245 1
5	115	10	28247 5
6	125	10	28249 9
8	145	10	28253 6
10	145	10	28255 0
12	150	5	28256 7
4	85	5	10001 4
5	90	10	10003 8
6	100	10	10005 2
8	120	10	10008 3
10	120	10	10011 3
12	130	5	10013 7
8	400	5	18001 6
10	400	5	18002 3
12	400	3	18004 7
14	400	3	18006 1
16	400	3	18008 5
=	119		28261 1



4805	3000 ProConcrete		
3	85	3	10000 7
4	85	5	10001 4
5	90	10	10003 8
6	100	10	10005 2
6	100	10	10005 2
7	100	3	10007 6
8	120	10	10008 3
10	120	10	10011 3
12	130	5	10013 7
14	150	2	10015 1
16	150	2	10016 8
18	160	2	10017 5
20	160	2	10018 2
5	150	3	10026 7
6	150	5	10027 4
8	200	3	10028 1
10	200	3	10029 8
12	200	3	10030 4
=	73	24185 4	



4806	3015 ProStone		
4	35	6	18017 7
4	75	4	24608 8
5	150	7	18018 4
5	85	7	18018 4
5	85	4	18019 1
6	150	7	18020 7
6	100	7	18021 7
6	100	7	18021 4
6	150	7	18022 4
6,5	150	4	18022 1
8	100	7	18025 2
8	120	7	18026 2
8	120	4	18026 9
10	200	6	18027 6
10	120	4	18028 3
12	150	5	18029 0
12	220	3	18030 6
14	150	4	18032 0
16	150	4	18033 7
18	160	2	18034 4
20	160	2	18035 1
=	108	24186 1	



4850	3835 TurboTile Hole Saws		
35	45	2	26515 7
44	45	2	26516 4
51	45	2	26517 1
60	45	2	26518 8
65	45	2	26519 5
68	45	2	26520 1
83	45	2	26523 2
Set dia. 5/6/8/10		3	26230 9
Set dia. 6/8/10		3	26232 3
Hex. adapter		3	26526 3
SDS-plus adapter		3	26528 7
Pilot Bits		6	26529 4
=	32	26547 8	



4816	3225 Core Bits & Socket Drills		
Socket Drills			
40,0	120	2	18944 6
50,0	120	2	18945 3
68,0	120	2	23298 2
80,0	120	2	18947 7
90,0	120	1	18948 4
100,0	120	1	18949 1
Pilot Bit			
9,0	120	6	18951 4
Hex.	100	3	18952 1
Hex.	300	2	18953 8
Extension Shank			
Size 12	415	2	10136 3
Drive adapter			
SDS-plus	110	3	18954 5
SDS-plus	300	2	18955 2
=	27	24194 6	



4844	3840 ExtremeMaster & 3285 DiamondWizard		
ExtremeMaster			
5,0	95	3	25974 3
6,0	95	3	25975 0
8,0	95	3	25977 4
10,0	95	3	25978 1
12,0	95	3	25979 8
14,0	95	3	25980 4
18,0	95	3	26035 0
Adapter		2	25981 1
Centering Aid		3	25982 8
DiamondWizard			
68	90	3	24552 4
82	90	2	24553 1
Hex. Shank		2	18952 1
SDS-plus Shank		2	18954 5
Centering Aid		4	18951 4
=	39	26002 2	



4849	3830 TurboTile Drill Bits		
5	55	3	26219 4
6	55	5	26220 0
7	55	5	26221 7
8	55	5	26222 4
10	55	3	26223 1
12	55	3	26224 8
15	55	3	26225 5
20	55	3	26226 2
25	55	3	26227 9
Set dia. 5/6/8/10		4	26230 9
Set dia. 5/6/7/8		4	26231 6
Set dia. 6/8/10		4	26232 3
Centering Aid		3	26229 3
Cooling System		4	26228 6
=	52	26261 3	



4854 3870 ExtremeCut Universal

115	22,23	6	26698 7
125	22,23	6	26699 4
150	22,23	4	26700 7
180	22,23	4	26701 4
230	22,23	10	26702 1
=		30	26867 7

**4855** 3871 TurboCut Universal

115	22,23	6	26705 2
125	22,23	6	26706 9
150	22,23	4	26707 6
180	22,23	4	26708 3
230	22,23	10	26709 0
=		30	26868 4

**4856** 3875 ExtremeCut Ceramic

115	22,23	6	26719 9
125	22,23	6	26720 5
150	22,23	4	26721 2
180	22,23	4	26722 9
230	22,23	6	26723 6
=		26	26869 1

**4857** 3876 TurboCut Ceramic

115	22,23	6	26726 7
125	22,23	6	26727 4
150	22,23	4	26728 1
180	22,23	4	26729 8
230	22,23	6	26730 4
=		26	26870 7

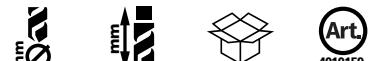
**4853** QuickBit® 330 Spade, 397 Auger, 375 CV Brad Point Bits

QuickBit® Spade Bits			
22	152	5	19061 9
25	152	5	19063 3
30	152	5	19065 7
32	152	5	19066 4
35	152	5	19067 1
40	152	5	21790 3

QuickBit® Auger Bits			
6	150	5	26498 3
8	150	5	26499 0
10	150	5	26500 3
12	150	3	26501 0
14	150	3	26502 7
16	150	3	26503 4
20	150	3	26504 1
6	235	5	26505 8
8	235	5	26506 5
10	235	5	26507 2

QuickBit® Brad Point Bits			
3	65	10	26550 8
4	75	5	26551 5
5	85	10	26552 2
6	90	10	26553 9
7	90	5	26554 6
8	90	5	26555 3
10	100	5	26556 0

= 122 26548 5

**4803/01** 333 CV Brad Point Bits

3.0	60	5	13242 8
4.0	75	5	11910 8
5.0	85	5	11912 2
6.0	90	5	11913 9
6.0	250	5	23354 5
7.0	110	3	11915 3
8.0	120	5	11917 7
8.0	250	5	23355 2
10.0	130	5	11920 7
10.0	250	5	23356 9
12.0	150	3	11922 1
12.0	250	3	23357 6
13.0	150	2	11923 8
14.0	160	2	11924 5
14.0	250	2	23358 3
15.0	170	2	11925 2
16.0	180	2	11926 9
16.0	250	2	23359 0
18.0	190	1	11927 6
18.0	250	1	23360 6
20.0	210	1	11928 3
22.0	210	1	23349 1
=	70	24183 0	

4813 337 CV Formwork Drill Bits

CV Formwork Drill Bits			
8,0	400	2	12091 3
10,0	400	2	12092 0
12,0	400	2	12093 7
14,0	400	2	12094 4
16,0	400	2	12095 1
18,0	400	2	12096 8
10,0	600	2	12104 0
12,0	600	2	12105 7
14,0	600	2	12106 4
16,0	600	2	12107 1
18,0	600	2	12108 8
20,0	600	2	12109 5

CV SDS-plus Formwork Drill Bits			
10,0	400	2	19047 3
12,0	400	2	19048 0
14,0	400	2	19049 7
16,0	400	2	19050 3
18,0	400	2	19051 0
20,0	400	2	19052 7

= 36 24191 5



4808

Wood Drill Bits & Wood Countersinks



Countersink Attachments

3.0	25	2	11857 6
4.0	25	2	11859 0
5.0	25	2	11861 3
6.0	25	2	11863 7
Wood Countersinks			
13.0	80	2	12009 8
16.0	90	2	12010 4
20.0	100	2	12011 1
Expansion Bits			
22-76	185	1	12086 9
15-45	130	2	15693 6
Hinge Boring Bits			
20.0	60	2	14920 4
25.0	60	2	10705 1
26.0	60	2	10706 8
30.0	60	2	10707 5
35.0	60	2	10709 9
CV Formwork Drill Bits			
8.0	400	2	12091 3
10.0	400	2	12092 0
12.0	400	2	12093 7
14.0	400	2	12094 4
16.0	400	2	12095 1
18.0	400	2	12096 8
=		39	24189 2

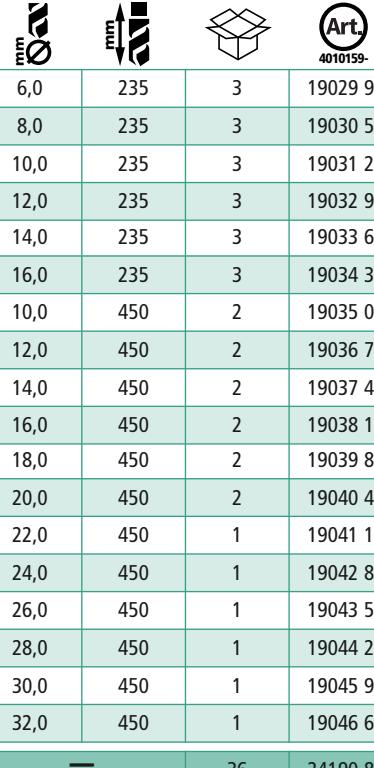
**4803**3700 Allround
333 CV Brad Point Bits

Allround bits

3.0	85	5	22711 7
4.0	85	5	10334 3
5.0	95	5	10335 0
6.0	100	10	10336 7
8.0	120	5	10337 4
10.0	120	3	10338 1
12.0	150	3	10339 8
CV Brad Point Bits			
3.0	60	5	13242 8
4.0	75	5	11910 8
5.0	85	5	11912 2
6.0	90	5	11913 9
7.0	110	3	11915 3
8.0	120	5	11917 7
10.0	130	5	11920 7
12.0	150	3	11922 1
13.0	150	2	11923 8
14.0	160	2	11924 5
15.0	170	2	11925 2
16.0	180	2	11926 9
18.0	190	1	11927 6
20.0	200	1	11928 3
=		82	24182 3

4812

Auger Bits



Auger Bits

6,0	235	3	19029 9
8,0	235	3	19030 5
10,0	235	3	19031 2
12,0	235	3	19032 9
14,0	235	3	19033 6
16,0	235	3	19034 3
10,0	450	2	19035 0
12,0	450	2	19036 7
14,0	450	2	19037 4
16,0	450	2	19038 1
18,0	450	2	19039 8
20,0	450	2	19040 4
22,0	450	1	19041 1
24,0	450	1	19042 8
26,0	450	1	19043 5
28,0	450	1	19044 2
30,0	450	1	19045 9
32,0	450	1	19046 6
=		36	24190 8

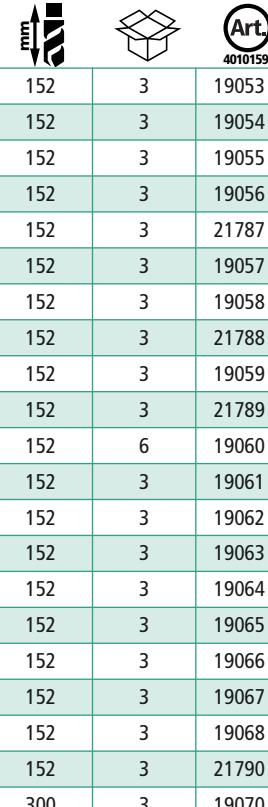
**4804**396 Forstner
790 Hinge Boring Bits

Forstner Bits

10.0	90	3	12027 2
12.0	90	3	12028 9
14.0	90	3	12029 6
15.0	90	3	12030 2
16.0	90	3	12031 9
18.0	90	3	12032 6
20.0	90	3	12033 3
22.0	90	2	12034 0
24.0	90	2	12035 7
25.0	90	2	12036 4
26.0	90	2	12037 1
28.0	90	2	12038 8
30.0	90	2	12039 5
35.0	90	2	12042 5
40.0	90	2	12045 6
Hinge Boring Bits			
20.0	60	2	14920 4
25.0	60	2	10705 1
26.0	60	2	10706 8
30.0	60	2	10707 5
35.0	60	2	10709 9
=		47	24184 7

4814

330 QuickBit CV Spade Bits



6,0	152	3	19053 4
8,0	152	3	19054 1
10,0	152	3	19055 8
12,0	152	3	19056 5
13,0	152	3	21787 3
14,0	152	3	19057 2
16,0	152	3	19058 9
17,0	152	3	21788 0
18,0	152	3	19059 6
19,0	152	3	21789 7
20,0	152	6	19060 2
22,0	152	3	19061 9
24,0	152	3	19062 6
25,0	152	3	19063 3
28,0	152	3	19064 0
30,0	152	3	19065 7
32,0	152	3	19066 4
35,0	152	3	19067 1
38,0	152	3	19068 8
40,0	152	3	21790 3
Extension shank	300	3	19070 1
=		66	24192 2



4829 990 HSS-Co Twist Drills**4801** 900 HSS-G Super Twist Drills**4802** 901 HSS-R Twist Drills

mm Ø	mm L		
1,0	34	10	21221 2
1,5	40	5	21222 9
2,0	49	10	21223 6
2,5	57	5	21224 3
3,0	61	10	21225 0
3,2	65	10	21226 7
3,3	65	10	21227 4
3,5	70	5	21228 1
4,0	75	10	21229 8
4,2	75	5	21230 4
4,5	80	5	21231 1
4,8	86	5	21232 8
5,0	86	10	21233 5
5,5	93	5	21234 2
6,0	93	10	21235 9
6,5	101	5	21236 6
7,0	109	5	21237 3
7,5	109	3	21238 0
8,0	117	10	21239 7
8,5	117	5	21240 3
9,0	125	3	21241 0
9,5	125	3	21242 7
10,0	133	5	21243 4
10,5	133	2	21244 1
11,0	142	2	21245 8
11,5	142	2	21246 5
12,0	151	2	21247 2
12,5	151	2	21248 9
13,0	151	2	21249 6
=		166	24200 4



1,0	34	5	17760 3
1,5	40	5	17761 0
2,0	49	5	17762 7
2,5	57	5	17763 4
3,0	61	10	17764 1
3,2	65	5	17765 8
3,3	65	5	17766 5
3,5	70	5	17767 2
4,0	75	10	17768 9
4,2	75	5	17769 6
4,5	80	5	17770 2
4,8	86	5	17771 9
5,0	86	10	17772 6
5,5	93	5	17773 3
6,0	93	10	17774 0
6,5	101	5	17775 7
7,0	109	5	17776 4
7,5	109	3	17777 1
8,0	117	10	17778 8
8,5	117	5	17779 5
9,0	125	3	17780 1
9,5	125	3	17781 8
10,0	133	5	17782 5
10,5	133	2	17783 2
11,0	142	2	17784 9
11,5	142	2	17785 6
12,0	151	2	17786 3
12,5	151	2	17787 0
13,0	151	2	17788 7
=		146	24180 9



1,0	34	5	17790 0
1,5	40	5	17791 7
2,0	49	5	17792 4
2,5	57	5	17793 1
3,0	61	10	17794 8
3,2	65	5	17795 5
3,3	65	5	17796 2
3,5	70	10	17797 9
4,0	75	10	17798 6
4,2	75	5	17799 3
4,5	80	10	17800 6
4,8	86	5	17801 3
5,0	86	10	17802 0
5,5	93	5	17803 7
6,0	93	10	17804 4
6,5	101	5	17805 1
7,0	109	5	17806 8
7,5	109	3	17807 5
8,0	117	10	17808 2
8,5	117	5	17809 9
9,0	125	5	17810 5
9,5	125	3	17811 2
10,0	133	5	17812 9
10,5	133	2	17813 6
11,0	142	2	17814 3
11,5	142	2	17815 0
12,0	151	2	17816 7
12,5	151	2	17817 4
13,0	151	2	17818 1
=		158	24181 6

4835 HSS Twist Drill Packs

900/06	4	17731 3	
900/19	3	21961 7	
900/25	2	21964 8	
901/25	2	18371 0	
990/06	4	17735 1	
990/19	3	21962 4	
=		18	24213 4



4822922 HSS Countersinks
924 Cone Drill Bits

Deburring Countersinks			
6,3	45	3	22583 0
8,3	50	3	22584 7
10,4	50	3	22585 4
12,4	56	3	22586 1
16,5	60	3	22587 8
20,5	63	2	22588 5
25,0	67	2	22589 2
Milling Cutter, Centre Punch			
6,0	90	3	22613 4
SW 13	100	2	10733 4
8,0	145	2	10728 0
7,0	145	2	10319 0
16,5	-	2	22612 7
Cross-hole Countersink			
2-5	45	2	22591 5
5-10	48	2	22592 2
10-15	65	2	22593 9
Tube and Sheet Drill Bits			
3-14	58	2	22597 7
5-20	71	2	22598 4
16-30,5	76	2	22599 1
5-31	103	2	22603 5
=		47	24195 3

**4833**904 HSS Twist Drills
with reduced Shank

10,0	133	3	21542 8
11,0	142	3	21544 2
12,0	151	3	21546 6
13,0	151	3	21548 0
13,5	160	3	21549 7
14,0	160	3	21550 3
14,5	169	3	21551 0
15,0	169	3	21552 7
15,5	178	3	21553 4
16,0	178	3	21554 1
16,5	184	2	21555 8
17,0	184	2	21556 5
17,5	191	2	21557 2
18,0	191	2	21558 9
18,5	198	2	21559 6
19,0	198	2	21560 2
19,5	205	2	21561 9
20,0	205	2	21562 6
=		45	24202 8

**4832**

916 HSS-G Super Twist Drills, long



2,0	85	5	21349 3
3,0	100	5	21351 6
3,2	106	5	21352 3
3,3	106	5	21353 0
4,0	119	5	21355 4
4,2	119	5	21356 1
4,8	132	5	21358 5
5,0	132	5	21359 2
6,0	139	5	21362 2
6,8	156	5	21364 6
7,0	156	5	21365 3
8,0	165	5	21367 7
8,5	165	5	21368 4
9,0	175	5	21369 1
10,0	184	5	21371 4
11,0	195	3	21373 8
12,0	205	3	21375 2
13,0	205	3	21377 6
=		84	24201 1



4847

2135 GraniteMaster / 3840 Extreme Master / 3900 QuickBit® CeramicMaster



GraniteMaster SDS max / SDS plus

20,0	320	4	24547 0
25,0	320	4	24548 7
30,0	370	4	24549 4
4,0	110	6	24543 2
6,0	110	6	24544 9
8,0	110	6	24545 6
10,0	110	6	24546 3

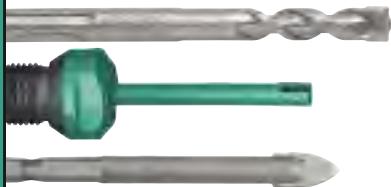
ExtremeMaster

5,0	95	3	25974 3
6,0	95	3	25975 0
8,0	95	3	25977 4
10,0	95	3	25978 1
12,0	95	3	25979 8
14,0	95	3	25980 4
18,0	95	3	26035 0

QuickBit® CeramicMaster

3,0	60	6	50091 3
4,0	60	6	50092 0
5,0	60	6	50093 7
6,0	60	6	50094 4
6,5	75	6	50095 1
8,0	75	6	50096 8
10,0	80	6	50097 5
13,0	100	6	50098 2

= 105 25997 2

**4809**

2135 GraniteMaster / 3900 QuickBit® CeramicMaster / 3700 Allround



GraniteMaster SDS-max / SDS-plus

20,0	320	4	24547 0
25,0	320	4	24548 7
30,0	370	4	24549 4
4,0	110	6	24543 2
6,0	110	6	24544 9
8,0	110	6	24545 6
10,0	110	6	24546 3

QuickBit® CeramicMaster

3,0	60	6	50091 3
4,0	60	6	50092 0
5,0	60	6	50093 7
6,0	60	6	50094 4
6,5	75	6	50095 1
8,0	75	6	50096 8
10,0	80	6	50097 5
13,0	100	6	50098 2

Allround

3,0	85	5	22711 7
4,0	85	5	10334 3
5,0	95	5	10335 0
6,0	100	10	10336 7
8,0	120	5	10337 4
10,0	120	3	10338 1
12,0	150	3	10339 8"

= 120 25016 0

**4834**

3740 Allmat



3,0	70	5	22680 6
4,0	85	5	21985 3
5,0	95	5	19414 3
5,0	150	3	21673 9
6,0	100	10	19415 0
6,0	150	3	21674 6
8,0	120	10	19416 7
8,0	200	3	21675 3
10,0	120	5	19417 4
10,0	200	3	21676 0
12,0	150	3	19420 4
12,0	220	3	21677 7
14,0	260	2	21678 4
6,0	160	5	21679 1
8,0	160	5	21680 7
8,0	210	3	21681 4
10,0	160	5	21682 1
10,0	260	3	21683 8
12,0	160	3	21684 5
12,0	260	3	21685 2
14,0	260	2	21686 2
=		89	24203 5

4815

933 HSS Bi-metal Hole Saw



20,0	32	2	19072 5
25,0	32	2	19074 9
30,0	32	2	19075 6
35,0	32	2	19077 0
40,0	32	2	19079 4
50,0	32	2	19081 7
60,0	32	4	19084 8
64,0	32	4	19085 5
68,0	32	4	19086 2
83,0	32	2	19089 3

Drive Adapter with Pilot Bit

14-30 tri.		2	19092 3
14-30 hex.		4	19093 0
32-152		4	19094 7

Pilot Bit

6,35	110	6	19095 4
=		42	24193 9



4851

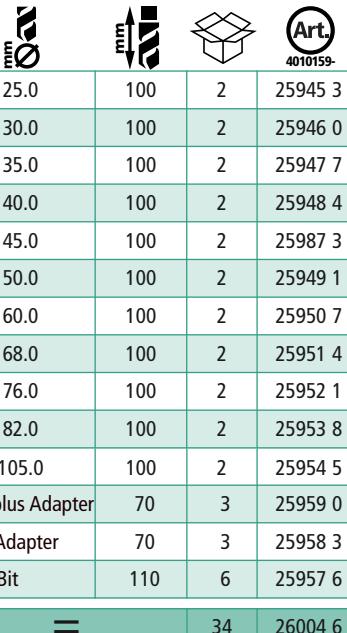
3775 QuickBit® Allmat / 375
wood / 976 metal

QuickBit® Brad Point Bits			
3	65	10	26550 8
4	75	5	26551 5
5	85	10	26552 2
6	90	10	26553 9
7	90	5	26554 6
8	90	5	26555 3
10	100	5	26556 0
QuickBit® HSS-G Super Twist Drills			
2	34	10	26557 7
2.5	36	5	26558 4
3	38	10	26559 1
3.5	40	5	26561 4
4	40	5	26562 1
5	50	10	26565 2
6	50	5	26566 9
8	51	5	26567 6
10	54	5	26568 3
QuickBit® Allmat			
4	85	5	26263 7
5	95	10	26264 4
6	100	10	26265 1
7	100	5	26266 8
8	120	10	26267 5
10	120	5	26268 2
=	155		26546 1



4845

3725 Allmat Hole Saw



3725 Allmat Hole Saw			
25.0	100	2	25945 3
30.0	100	2	25946 0
35.0	100	2	25947 7
40.0	100	2	25948 4
45.0	100	2	25987 3
50.0	100	2	25949 1
60.0	100	2	25950 7
68.0	100	2	25951 4
76.0	100	2	25952 1
82.0	100	2	25953 8
105.0	100	2	25954 5
SDS-plus Adapter	70	3	25959 0
Hex. Adapter	70	3	25958 3
Pilot Bit	110	6	25957 6
=	34		26004 6



4840

4030 Recipro Saw Blades

HCS DS*	Wood	5	24044 4
Bi-metal DS	Wood	5	25806 7
HCS DS	Wood	5	24046 8
HCS DS	Wood	5	24042 0
Bi-metal DS	Metal	5	25815 9
Bi-metal DS	Metal	5	25814 2
Bi-metal DS	Metal	5	24040 6
Bi-metal ATB**	Metal	5	24036 9
Bi-metal ATB	Metal	5	24037 6
Bi-metal ATB	Metal	5	24048 2
Bi-metal ATB	Metal	5	24038 3
Bi-metal ATB	Metal	5	24039 0
Bi-metal ATB	Universal	5	25811 1
Bi-metal ATB	Universal	5	25808 1
Tungsten carb.	Universal	5	25813 5
=	75		25821 0



4841

4020 Jigsaw Blades

HCS	Wood	10	24015 4
HCS	Wood	10	24013 0
HCS	Wood	10	24014 7
HCS	Wood	10	24017 8
Bi-metal	Wood	10	24018 5
HSS	Metal	10	24001 7
HSS	Metal	10	24002 4
HSS	Metal	10	24003 1
Bi-metal	Metal	10	24004 8
=	90		25822 7



4843

4020 Jigsaw
4030 Recipro Saw Blades

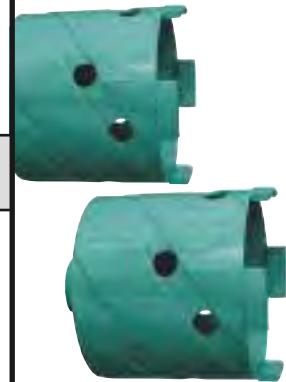
Recipro Saw Blades			
HCS DS	Wood	5	24044 4
HCS DS	Wood	5	24042 0
Bi-metal ATB	Metal	5	24038 3
Bi-metal ATB	Metal	5	24037 6
Bi-metal ATB	Metal	5	24039 0
Jigsaw Blades			
HCS	Wood	10	24013 0
HSS	Metal	10	24001 7
HCS	Wood	10	24017 8
HCS	Wood	10	24015 4
HCS	Wood	10	24014 7
HSS	Metal	10	24002 4
=	85		25824 1

4842

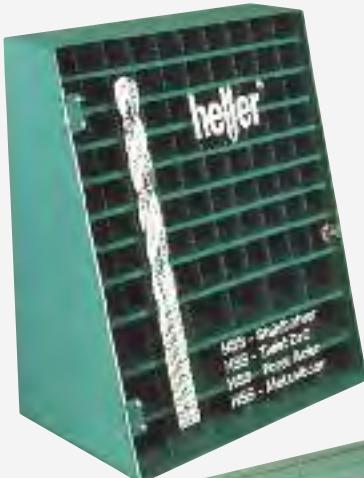
4020 Jigsaw Blades

HCS	Wood	10	25801 2
HCS	Wood	10	25802 9
HCS	Wood	10	25804 3
Bi-metal	Wood	10	25817 3
Bi-metal	Metal	10	24008 6
Bi-metal	Metal	10	24006 2
Bi-metal	Metal	10	24005 5
Bi-metal	Universal	10	25818 0
Tungsten carb.	Universal	10	24010 9
=	90		25823 4



	Set Modules	4811/04	ProConcrete & Bionic Pro	4811/08	Core Bits with SDS-plus Shank
			 3000/07 3 16884 7 2018/07 3 16315 6 2018/04 3 16490 0 = 9 24207 3	 50.0 120 2 19626 0 68.0 120 2 23342 2 80.0 120 2 19628 4 = 6 24211 0	
4811/01	HSS-G / HSS-R Twist Drills	4811/05	Allmat & HSS Twist Drills	4811/09	Core Bits with hex. Shank
	 900/06 3 17731 3 900/13 3 17733 7 901/06 3 17732 0 901/13 3 17734 4 = 12 24204 2		 3740/04 3 22697 4 990/06 3 17735 1 900/06 3 17731 3 901/06 3 17732 0 = 12 24208 0	 50.0 120 2 18959 0 68.0 120 2 23341 5 80.0 120 2 18841 8 = 6 24212 7	
4811/02	Allround & Allmat Bits, HSS-R Twist Drills & ProStone	4811/06	HSS-G Super Twist Drills	4811/11	DiamondWizard
	 3700/04 3 16916 5 3740/04 3 22697 4 3090/09 3 17742 9 3390/09 3 17741 2 = 12 24205 9		 900/13 3 17733 7 900/19 2 21961 7 900/25 1 21964 8 = 6 24209 7	 68 90 2 24552 4 82 90 2 24553 1 Hex. adapter 4 18952 1 SDS-plus adapter 4 18954 5 Pilot bit 6 18951 4 = 18 26533 1	
4811/03	Brad Point Bits, ProStone & ProConcrete	4811/07	HSS-R Twist Drills		
	 333/05 3 16872 4 333/08 3 18736 7 3015/04 3 17744 3 3000/04 3 16873 1 = 12 24206 6		 901/13 3 17734 4 901/19 2 17737 5 901/25 1 18371 0 = 6 24210 3		

HSS Merchandiser Cabinet



HSS-R Twist Drill small merchandiser cabinet



	mm	mm	Art.
	Ø	Length	Part No.
1.0	34	20	18450 2
1.5	40	20	18455 7
2.0	49	20	18460 1
2.5	57	20	18465 6
3.0	61	20	18470 0
3.5	70	20	18475 5
4.0	75	20	18480 9
4.5	80	20	18485 4
5.0	86	20	18490 8
5.5	93	20	18495 3
6.0	93	20	18500 4
6.5	101	20	18505 9
7.0	109	20	18510 3
7.5	109	20	18515 8
8.0	117	20	18520 2
8.5	117	20	18525 7
9.0	125	20	18530 1
9.5	125	20	18535 6
10.0	133	20	18540 0
10.5	133	5	18542 4
11.0	142	5	18544 8
11.5	142	5	18546 2
12.0	151	5	18548 6
12.5	151	5	18550 9
13.0	151	5	18552 3
Complete		410	21959 4
Empty cabinet			21779 8

HSS-R Twist Drill large Merchandiser Cabinet



	mm	mm	Art.
	Ø	Length	Part No.
1.0	34	10	18450 2
1.1	36	10	18451 9
1.2	38	10	18452 6
1.3	38	10	18453 3
1.4	40	10	18454 0
1.5	40	10	18455 7
1.6	43	10	18456 4
1.7	43	10	18457 1
1.8	46	10	18458 8
1.9	46	10	18459 5
2.0	49	10	18460 1
2.1	49	10	18461 8
2.2	53	10	18462 5
2.3	53	10	18463 2
2.4	57	10	18464 9
2.5	57	10	18465 6
2.6	57	10	18466 3
2.7	61	10	18467 0
2.8	61	10	18468 7
2.9	61	10	18469 4
3.0	61	10	18470 0
3.1	65	10	18471 7
3.2	65	10	18472 4
3.3	65	10	18473 1
3.4	70	10	18474 8
3.5	70	10	18475 5
3.6	70	10	18476 2
3.7	70	10	18477 9
3.8	75	10	18478 6
3.9	75	10	18479 3
4.0	75	10	18480 9
4.1	75	10	18481 6
4.2	75	10	18482 3
4.3	80	10	18483 0
4.4	80	10	18484 7
4.5	80	10	18485 4
4.6	80	10	18486 1
4.7	80	10	18487 8
4.8	86	10	18488 5
4.9	86	10	18489 2
5.0	86	10	18490 8
5.1	86	10	18491 5
5.2	86	10	18492 2
5.3	86	10	18493 9
5.4	93	10	18494 6
5.5	93	10	18495 3
5.6	93	10	18496 0
5.7	93	10	18497 7
5.8	93	10	18498 4
5.9	93	10	18499 1
6.0	93	10	18500 4
6.1	101	10	18501 1
6.2	101	10	18502 8
6.3	101	10	18503 5
6.4	101	10	18504 2
6.5	101	10	18505 9
6.6	101	10	18506 6
6.7	101	10	18507 3



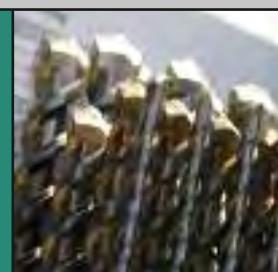
	mm	mm	Art.
	Ø	Length	Part No.
6.8	109	10	18508 0
6.9	109	10	18509 7
7.0	109	10	18510 3
7.1	109	10	18511 0
7.2	109	10	18512 7
7.3	109	10	18513 4
7.4	109	10	18514 1
7.5	109	10	18515 8
7.6	117	10	18516 5
7.7	117	10	18517 2
7.8	117	10	18518 9
7.9	117	10	18519 6
8.0	117	10	18520 2
8.1	117	10	18521 9
8.2	117	10	18522 6
8.3	117	10	18523 3
8.4	117	10	18524 0
8.5	117	10	18525 7
8.6	125	10	18526 4
8.7	125	10	18527 1
8.8	125	10	18528 8
8.9	125	10	18529 5
9.0	125	10	18530 1
9.1	125	10	18531 8
9.2	125	10	18532 5
9.3	125	10	18533 2
9.4	125	10	18534 9
9.5	125	10	18535 6
9.6	133	10	18536 3
9.7	133	10	18537 0
9.8	133	10	18538 7
9.9	133	10	18539 4
10.0	133	10	18540 0
10.5	133	5	18542 4
11.0	142	5	18544 8
11.5	142	5	18546 2
12.0	151	5	18548 6
12.5	151	5	18550 9
13.0	151	5	18552 3
Complete		940	21040 9
Empty cabinet			21041 6



QUALITY MANAGEMENT

Heller drill bits – designed for the toughest jobs in concrete & stone

Heller drill bits are developed using computer-aided programs and optimised in extensive trials to provide a long service life. Heller's claim as regards the drilling performance you can expect sets standards for a hammer bit: you can drill a great many holes before the bit goes below the so-called nominal diameter by extensive wear of the tungsten carbide tip:



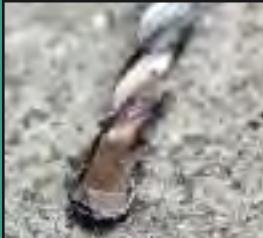
Nominal Dia. (mm)	4	5	6 - 7	8 - 9	10 - 13	14 - 20	> 20
Service life / Heller's quality request (in metres drilled)	5	9	14	24	40	60	120

Further criteria you can use to check whether you have a claim before inspection by Heller are listed below:



Check the manufacturer's stamp

Heller drill bits bear the PGM manufacturer number 46, 56 or 58. If there is a different number on the bit, please contact the relevant manufacturer



If the tungsten carbide insert breaks

Breaks before the bit goes below the nominal diameter: **Claim**

Breaks after the bit goes below the nominal diameter: No claim



If the spiral breaks

Break before the bit reaches the nominal service life: **Claim**

Breaks after the bit reaches the nominal service life: No claim



Deformed shank

Drill bit gets damaged by faulty drill chuck – the drill chuck must be repaired: No claim



Failure of the tungsten carbide insert

The drill bit continued to be used after the tungsten carbide insert broke during use in concrete or stone
Failure before the bit reaches the nominal service life: **Claim**

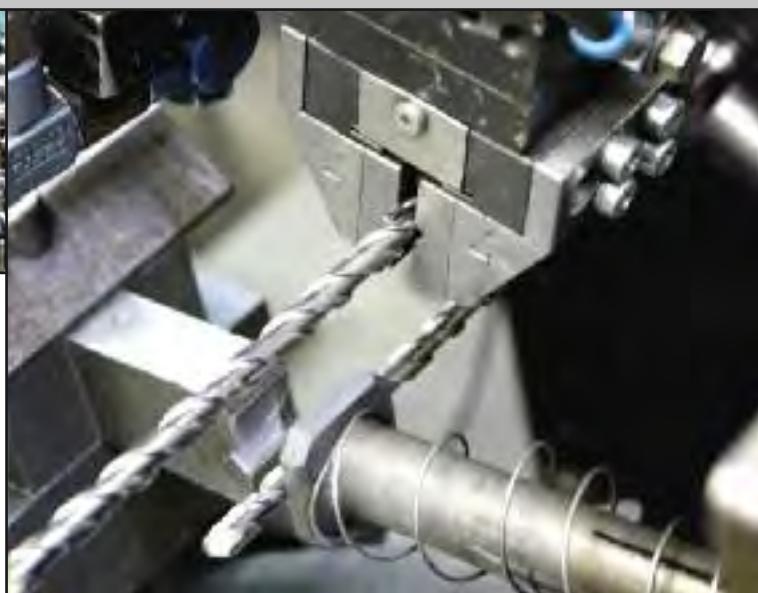
Failure after the bit reaches the nominal service life: No claim

Quality management

Compensation for claims



In the event of a claim, we give compensation according to the so-called spiral or shank wear – measured approx. 5-15 mm behind the tungsten carbide tip. If the claim is justified, compensation will be given for the drill bit according to its lifetime.



SPIRAL DIAMETER AT THE NARROWEST POINT, MEASURED APPROX. 5-15 MM BEHIND THE TUNGSTEN CARBIDE CUTTING EDGE

[More information](#)



www.hellertools.com



Technical service

Please contact your salesperson if you have any questions about technical service & quality. He or she will generally be able to provide you with direct, no-fuss assistance. In the case of more complicated technical questions, you will receive assistance within a short time after your query has been passed on by your contact to our quality and application advisors.



Standard Terms and Conditions

Extract from the Standard Terms and Conditions of ITW Heller GmbH.
You can find the complete Standard Terms and Conditions on our website at: www.hellertools.com.

Scope

1. We deliver our products and services solely on the basis of the terms and conditions hereafter.
2. The purchaser's terms and conditions are not applicable unless expressly recognised by us.

General terms and conditions

5. We reserve the right to modify the information and illustrations on our products in brochures and catalogues as long as they do not unduly affect the purpose of use.

Delivery

8. Unless otherwise arranged, goods are delivered within Germany by parcel service. For delivery outside Germany, the individual arrangements regarding delivery apply.
14. Returns of any kind must always be agreed with us beforehand and returned, postage paid, by the purchaser. In the case of unpaid postage or returns not agreed with us beforehand, we will invoice the costs we incur. Returns without defect are only accepted in exceptional cases and by agreement subject to a processing fee of 30% of the net goods value.

Terms of payment

19. Payment must be effected as agreed. In the event of late payment, we are entitled to charge interest on arrears at the rate the bank charges us for overdrafts but no less than 8 percentage points above the applicable ECB base rate.
21. Our commercial agents are not entitled to collect payments.

Retention of title

22. We retain title of the delivered goods until all claims arising out of the business relationship with the purchaser have been fulfilled.
25. The purchaser hereby assigns by way of security all claims and rights arising out of the sale or out of any lease to the purchaser of goods to which we have title. We hereby accept the assignment.

Defects

31. Claims for defects become statute-barred after 12 months. This does not apply to the extent that the law provides for longer limitation periods.

Place of performance, legal venue and applicable law

43. Unless otherwise stated in the acknowledgement of order, our place of business is the place of performance.
44. For all legal disputes, including in relation to bills of exchange and checks, the legal venue is Vechta. We are also entitled to bring an action at the purchaser's place of business.
45. The law of the Federal Republic of Germany exclusively applies to the contract.

The UN Convention on the Sales of Goods of 11 April 1980 (CISG – "Vienna Convention") does not apply.

PROFESSIONAL DRILL BITS



When you choose a Heller drill bit, you are making the professional choice. More than 160 years of experience in manufacturing drill bits is testament to our policy of letting nothing but the needs of the customer be our guide.

- ▶ Premium product quality to ensure lasting customer satisfaction
- ▶ Innovative product developments for faster, better and more reliable results
- ▶ Solutions for all professional applications on the building site
- ▶ State-of-the-art technology in production, processes and materials
- ▶ Product design and packaging: effective and self-explanatory
- ▶ Easy to find in the specialist store – thanks to the clearly laid-out user and colour coding system
- ▶ Attractive sets & special offers to round off our range
- ▶ Outstanding price-performance ratio



ITW Heller GmbH
Steinfelder Straße 11
49413 Dinklage
Germany

Phone +49(0)4443-9621-0
Fax +49(0)4443-9621-10

www.hellertools.com
info@hellertools.com



WWW.HELLERTOOLS.COM

