



Product Catalog



DreBo

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DreBo: innovative – efficient – flexible

Since 1979 we have inspired ourselves and our customers with new ideas in stone and concrete processing. Due to the continual further development of our products and our organization, we are one of the world's leading manufacturers of carbide-tipped masonry drill bits. Our products convince and satisfy craftsmen due to their quality and performance, even under extremely tough conditions.

The requirements of the users are at the center of our attention and we use the experience we gain from this to develop innovative product solutions, which are then implemented with state of the art production technology and maximum cost-effectiveness. We react quickly and flexibly to individual customer enquiries and efficiently implement development projects from the idea to the launch. At our location in Altshausen, in Southern Germany, we cover the complete value chain and offer a high quality tool „Made in Germany“.

We achieve constantly high quality in development, production and service with the consistent implementation of a process-based quality management system. We ensure quality throughout the company with clearly defined processes and thus offer users reliable, powerful product.



Development expertise – innovative

In close cooperation with users, we develop series production tools to meet market requirements and special customized solutions. Our engineers are creative individuals who develop the tools with the support of modern development methods in 3D CAD programs. Prototypes and series production tools must prove themselves under laboratory conditions on our computer-controlled drilling equipment and in the field on the construction site. The test results provide us with the basis for the continual improvement of our products and enable us to constantly optimize the productivity of the tools. Our business partners can rely on this.

Production expertise – efficient

We have a machine shop with high capacities which are efficiently used in multi-shift operation according to lean management principles. This enables cost-effective series production with constantly high quality. With the aim of a permanent increase in productivity, we invest regularly in innovative production technology. Our employees are qualified specialists who have expert knowledge of their production processes, implement them on schedule and with consistent quality.



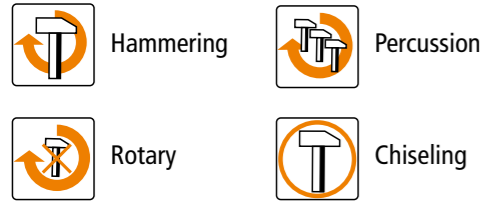
Service expertise – flexible

Our business partners worldwide can count on high supply reliability and professional services. We offer customized product and packaging solutions and adapt logistics to the requirements of the customers. We support the brand presence of our business partners with individual packaging concepts, the supply of basic data for print media and product presentations. The aim of our service team is to provide these services quickly and flexibly with personal contact partners and expert technical support. With this integrated concept, we ensure high delivery reliability at an international level and also offer service adapted to the individual needs of customers.

Made in Germany

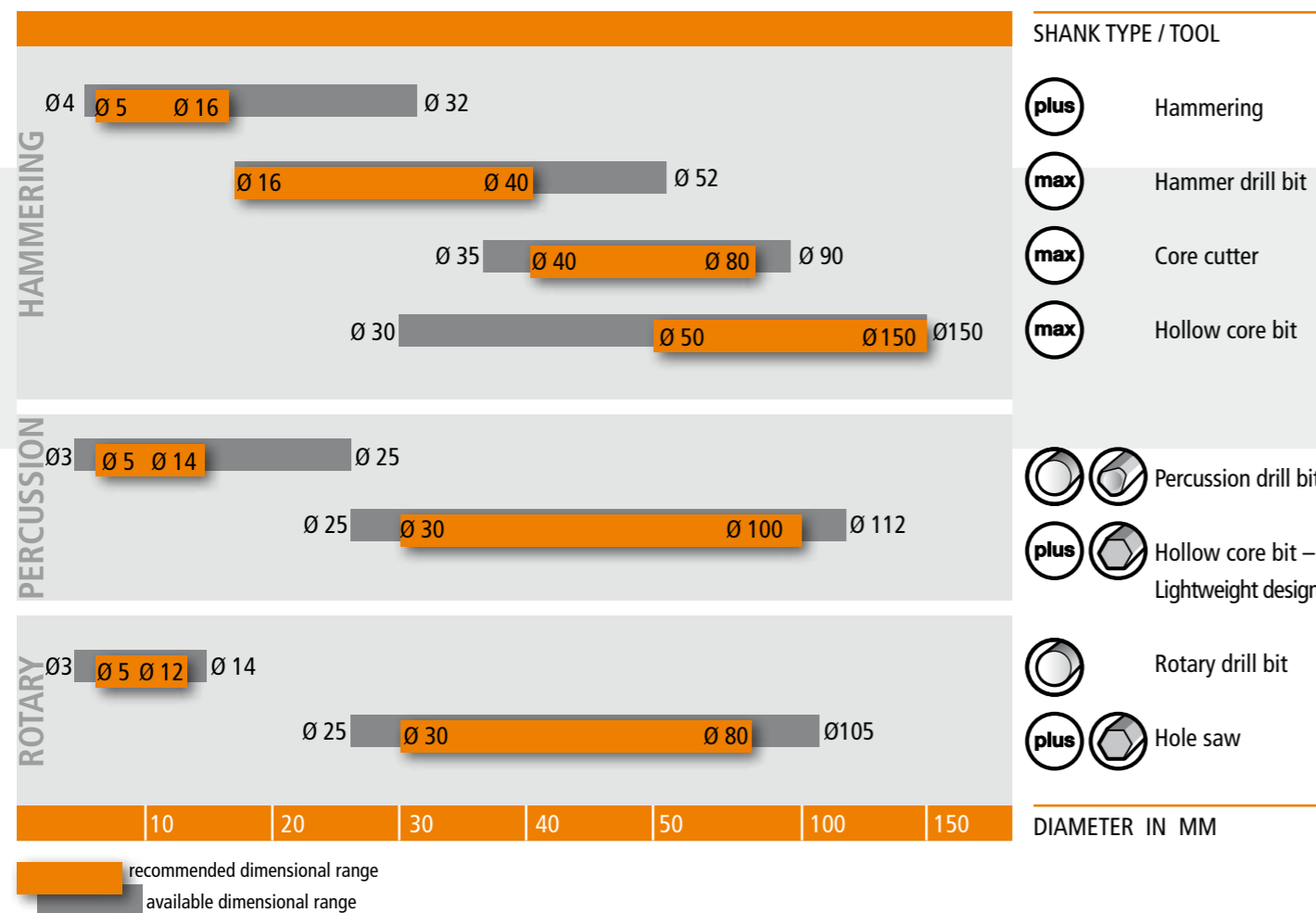
The right solution for every application

Depending on the machine, we divide our products into four categories:



These categories contain a wide range of products covering drilling of various materials and sizes.

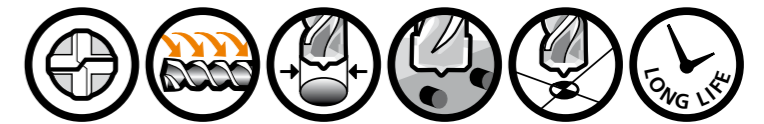
The following overview shows the complete product range with the available diameters. The individual area of application ideally suited to the product advantages is marked in orange.



Each application makes specific demands of the tool. We have taken these requirements into account and developed the tools with the required properties in mind. This resulted in the development of two product lines:

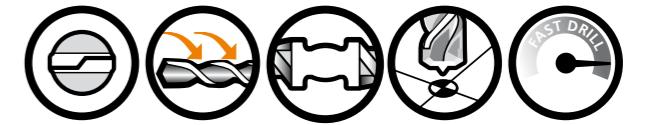
LONGLIFE, the top quality, durable problem-solvers, equipped with special technical features for special solutions made of the hardest materials, combined with high durability and a pleasantly low vibration drilling experience.

LONGLIFE



SPEED, that means quickness and efficiency with consistently high quality. With their dynamic design, these products are impressive thanks to their fast drilling progress and high performance.

SPEED



The best arguments in favor of DreBo lie in the details.

Regardless of whether the tools are used for hammering, percussion, rotary only or chiseling: the result is convincing.

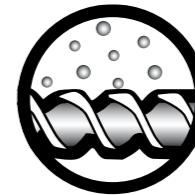
To make the search for a suitable tool for the required application easier, we have provided our products with pictograms. These show you the main properties and features of our tools at a glance.

CHARACTERISTICS	Dimensional accuracy	Speed	Longlife	PGM quality	
	• special head geometry for circular drilling holes	• fast drilling performance	• high longevity	• guarantees precisely fitting anchor application holes	
HEAD GEOMETRY	2-cutter	4-cutter	Rebar chamfers	Centring point	
	• chisel-shaped head design	• 4x90° symmetry	• optimum drilling performance when drilling into reinforcing steel	• straight-forward spot drilling • with pinpoint accuracy	
FLUTE GEOMETRY	2-fluted	4-fluted	KVS-flute	H-flute	
	• fast penetration and removal of drilling dust	• high break resistance • optimal distributed flute load for low flute wear	• reinforced flute geometry • optimum between break resistance and fast removal of drilling dust	• high-volume flute geometry and fast removal of drilling dust	
SHANK	SDS-plus	SDS-max	Spline	13 mm AF hexagon	19 mm AF hexagon
	for hammer drill bit with SDS-plus shank	for hammer drill bit with SDS-max shank	for hammer drill bit with spline shank	for hammer drill bit with 13 mm AF hexagon shank	for hammer drill bit with 19 mm AF hexagon shank
	Straight shank	3-flat	Hexagon	6,35 (1/4") hexagon	
	for percussion drilling machines and cordless screwdriver	for percussion drilling machines	for percussion drilling machines	for battery powered drills with 6,35 (1/4") hexagon chuck	

The drill bits produced by us bear the mark of approval of the test association Mauerbohrer e.V. (PGM), which is only awarded to selected quality manufacturers. It guarantees compliance with strict tolerances for the diameter of the carbide tip, its symmetrical soldering and the concentricity of the drill bits. These factors guarantee the primary function of every high quality masonry drill bit: precise drilled holes for secure anchor connections.



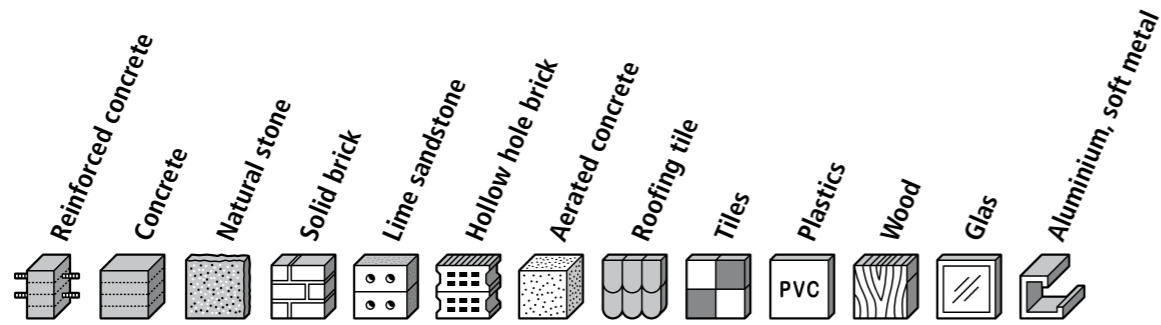
We only use special steel alloys for our products. The hardening and soldering processes are specifically adapted to each product and in addition they are treated with a special surface treatment. This results in a high quality, durable professional tool.



The „hand-arm vibrations“ represent a potential health concern for craftsmen. This is determined to a great extent by the influence of the electric tool. Nevertheless, we develop our tools to support this in order to ensure drilling performance with reduced vibrations, which protects man and machine.

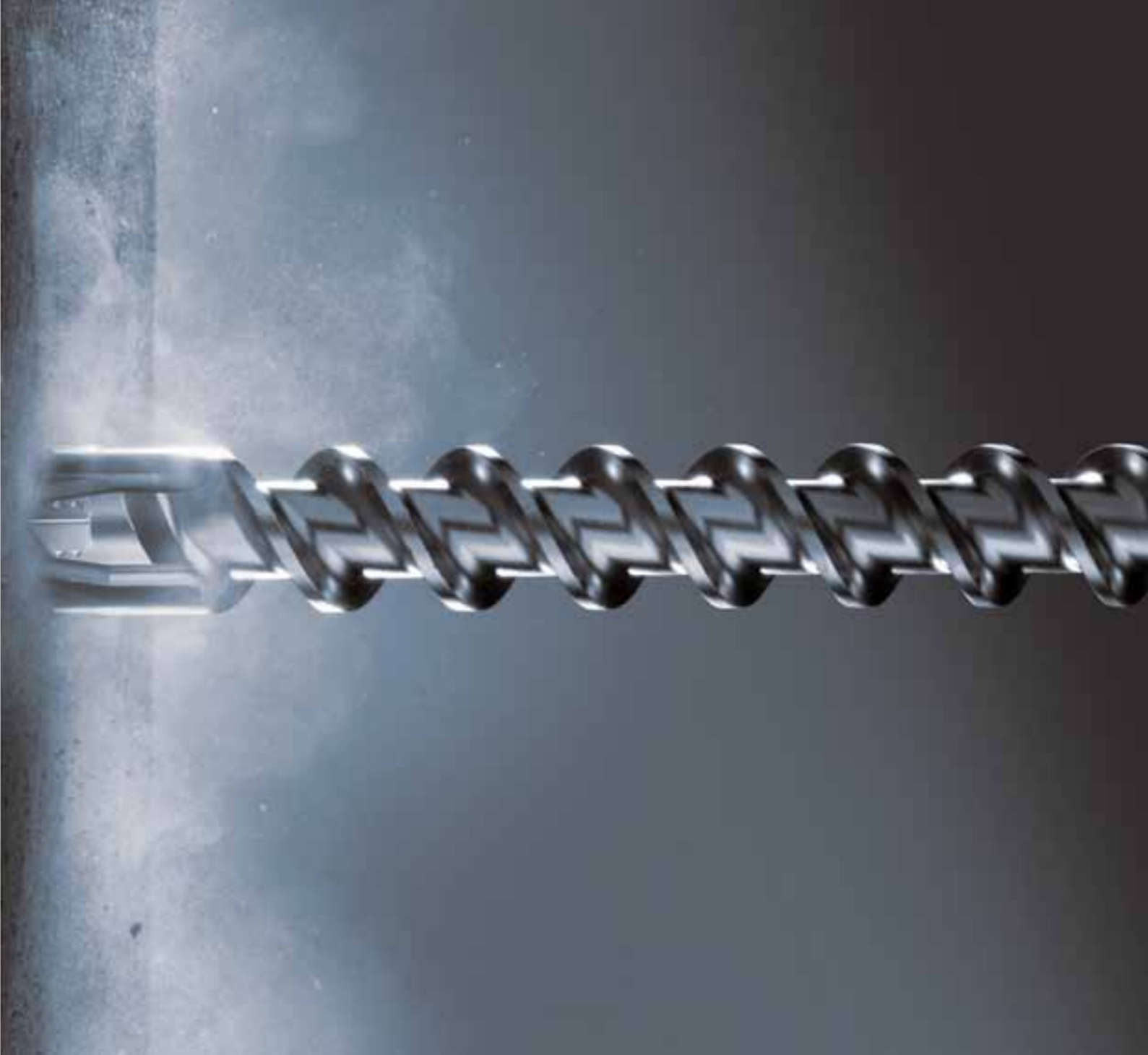


Application



	Reinforced concrete	Concrete	Natural stone	Solid brick	Lime sandstone	Hollow hole brick	Aerated concrete	Roofing tile	Tiles	Plastics PVC	Wood	Glas	Aluminium, soft metal	PAGE
HAMMERING														
ZENTRO PLUS	**	***	***	**	**									14
4 PLUS	*	***	**	***	**	*	*							18
ZENTRO MAX	***	***	***	**	**									22
2C MAX	*	***	**	***	**									26
Core cutter	*	***	**	***	***									30
Hollow core bit	*	***	**	***	***	**								32
PERCUSSION														
Superschlag	**	**	***	***	***	***	***	**	**					44
Perdur	*	*	***	***	***	***	***	*	*					46
Hollow core bit – lightweight design			***	***	**	***	*	*						48
ROTARY														
UNIDre			***	***	***	***	**	**	**	**	*	**		54
UNICut			***	**	***	***	*	*	**	**	*			56
CHISELING														
Chisel	***	***	***	**	***	**								62

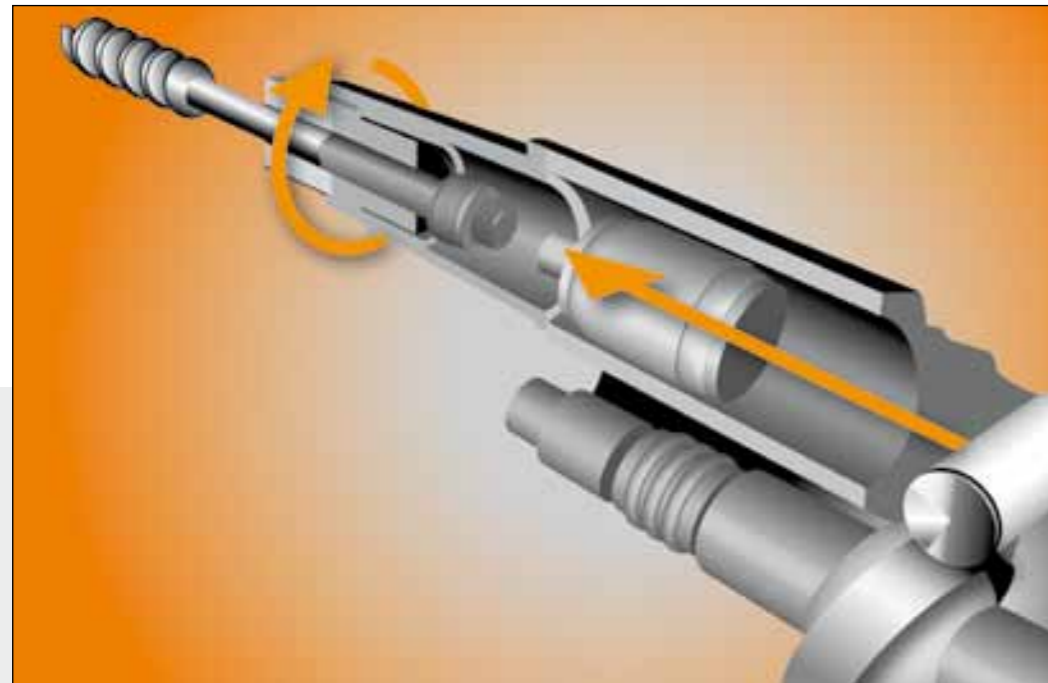
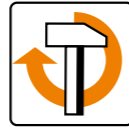
*** = highly suitable ** = suitable * = suitable but with reservations



HAMMERING

Ideal for rotary hammer drilling

Extremely hard materials such as natural stone, masonry and concrete are the main areas of application for the rotary hammer drill bits. Here the hammer action is transferred with high impact energy directly to the drill bit via a striking piston - with 2 to 10 kg per impact. With this energy, the rotary hammer drill bit can penetrate and shatter the hard materials. Thanks to the head and flute geometries specially developed for this application, the drill bits from DreBo meet all challenges.



High impact energy
With rotary hammer drilling, the drill bit is rotated with the chuck and hammered with pneumatically produced hammer actions. The hammer actions have a low impact frequency but a high impact energy level.

Product overview hammering

ZENTRO PLUS

4 PLUS

ZENTRO MAX

2C MAX

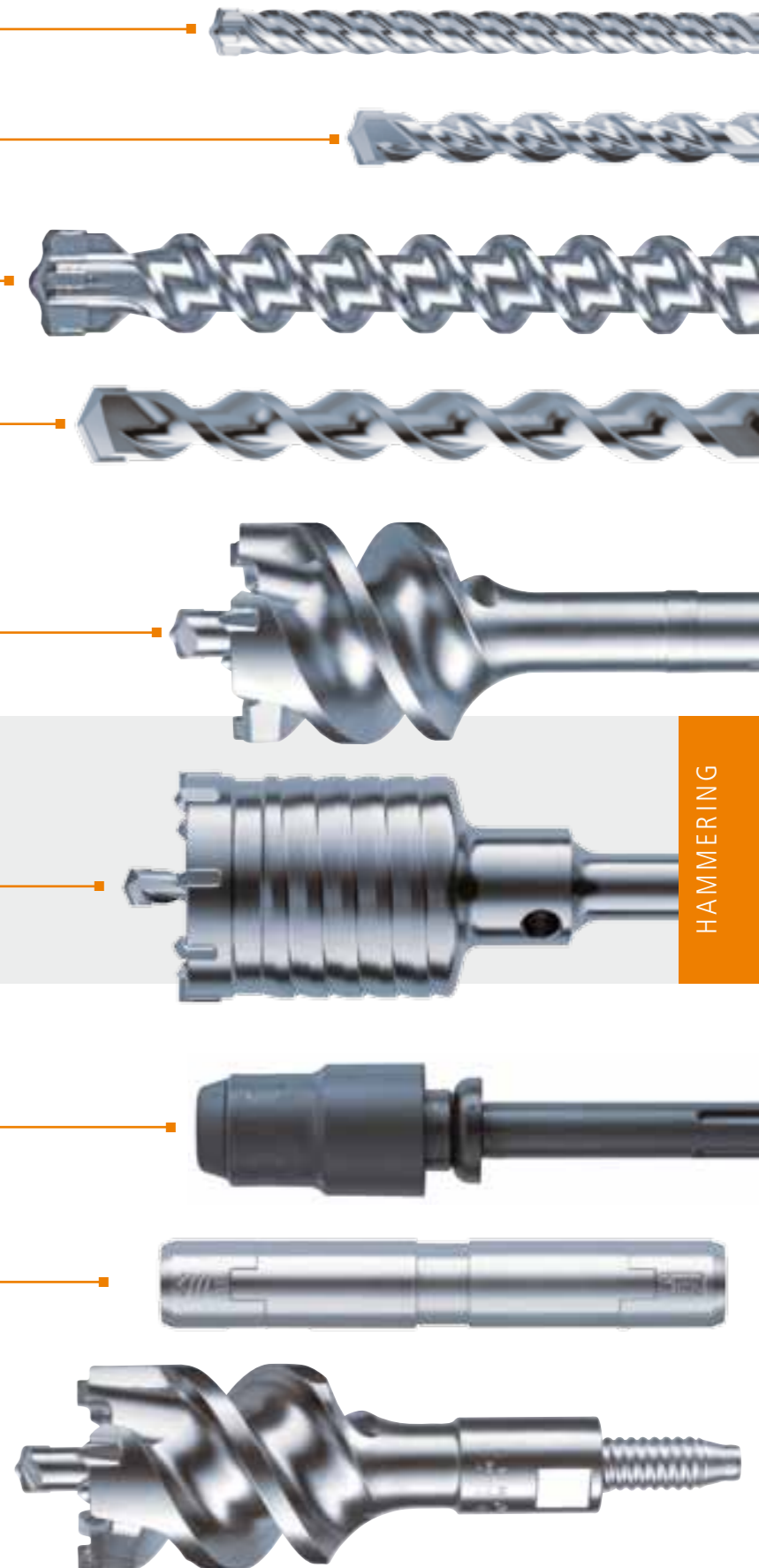
Core cutter

Hollow core bit

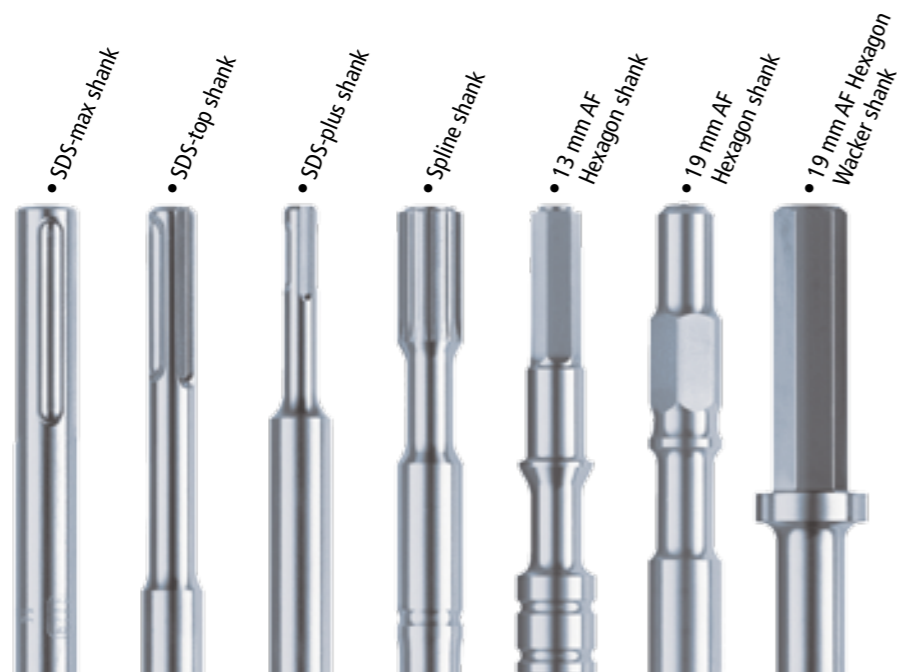
Hollow core bit taper

DreConnect adapter system

Versio system



HAMMERING



Shank types
The shank types listed are used for rotary hammer drilling.

Rotary hammer drill bit ZENTRO PLUS with SDS-plus shank

Made in Germany

LONG LIFE



The ZENTRO PLUS combines an innovative geometry with uncompromising quality in its detail. This is reflected in prolonged durability, precision drill holes and exceptional low vibration – even when the going gets tough. A premium tool for anyone who has to drill into reinforced concrete or natural stone.

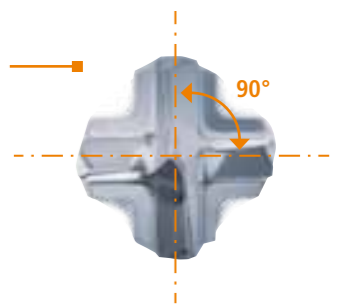
HIGH PRECISION

Innovative drill bit head with centering point and up to 50% more carbide for precise drilling and optimal drill hole guidance. Symmetrical 4x90° solid carbide cutting geometry and genuine 4-fluted spiral geometry ensures perfect round drilling holes.

LOW VIBRATION

Optimised core strength ensures low vibration drilling performance and thus protects man and machine.

One-piece carbide tip element with optimal 4x90° solid carbide cutting symmetry prevents seizing up on hitting reinforcing steel.

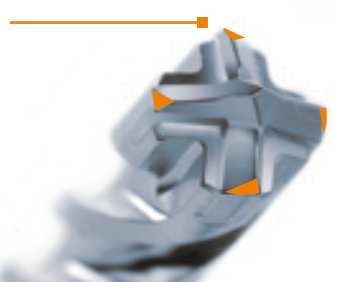


Centering point for accurate drilling with no slipping.

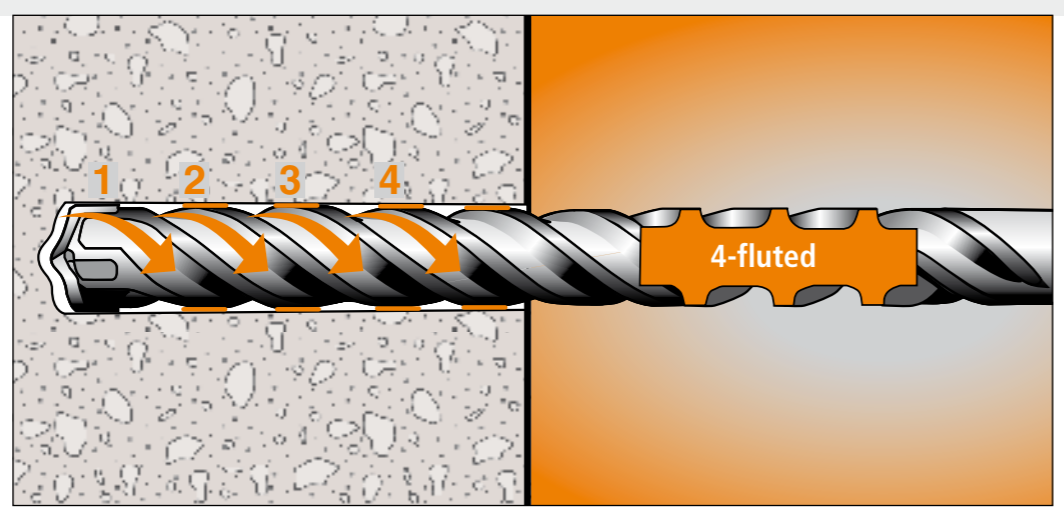


With the short head to flute entrance, it is capable of fast removal of drilling debris from the drill head into the flute. Additionally the maximal joining face between carbide and steel embeds the carbide tip optimally in the steel, compensating for impacts and torsional stress.

Patented reinforcing chamfering provides high longevity: up to +50%. Optimal drilling performance and no seizing up on hitting reinforcing steel.



Due to the genuine 4-fluted spiral geometry all four spiral backs work on the drilling hole and therefore distribute the load uniformly. As a result there is achieved a higher longevity and less vibration in the drilling performance. The four high-volume flutes transport the drilling debris fast out of the drilling hole.

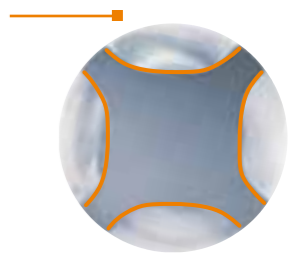


PGM conformity stands for precisely fitting anchor holes and precise concentricity.

The use of high-quality alloy steel in combination with state of the art hardening and soldering techniques as well as specialized surface treatment produces a high quality, robust professional tool.

Low-vibration drilling guarantees smooth drilling which protects man and machine.

Genuine 4-flute
Four symmetrically functioning spiral ridges ensure low, uniform flute wear.



The 4-fluted spiral geometry ensures cylindrical drilling holes and increased low vibration drilling performance. Optimal removal of drilling dust due to the cupping flute geometry. The optimized flute core strength guarantees low-vibration drilling and high fracture resistance.



HAMMERING

Rotary hammer drill bit ZENTRO PLUS with SDS-plus shank

For rotary hammer drills between 2 and 4 kg with SDS-plus chuck.



4351

DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
5	110	50	4380
5	160	100	4381
5,5	110	50	4382
5,5	160	100	4383
6	110	50	4350
6	160	100	4351
6	210	150	4352
6	260	200	4353
6	310	250	4354
6,5	160	100	4355
6,5	210	150	4356
6,5	260	200	4357
6,5	310	250	4379
7	110	50	4358
7	160	100	4359
8	110	50	4360
8	160	100	4361
8	210	150	4362
8	260	200	4363
8	310	250	4385
8	460	400	4395
9	160	100	4345
10	110	50	4364
10	160	100	4365
10	210	150	4366
10	260	200	4367
10	310	250	4368
10	450	390	4369
10	600	540	4346
10	1000	940	4392
12	160	110	4370
12	210	160	4371
12	260	210	4372
12	310	260	4373
12	450	400	4374
12	600	550	4347
12	1000	950	4393
14	160	110	4375
14	210	160	4376
14	260	210	4384
14	310	260	4377

Concrete	***
Natural stone	***
Reinforced concrete	**
Solid brick	**
Lime sandstone	**

Materials

As a premium tool, the ZENTRO PLUS covers a large range of applications in the hardest materials.



43206



4371

DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
14	450	400	4378
14	600	550	4348
14	1000	950	4394
15	160	110	4396
15	210	160	4397
15	260	210	4398
15	450	400	4399
16	160	110	4386
16	210	160	4387
16	260	210	4388
16	310	260	4389
16	450	400	4390
16	600	550	4349
16	1000	950	4391
18*	250	200	43202
18	450	400	43203
20	250	200	43204
20	450	400	43205
22	250	200	43206
22	450	400	43207
24	250	200	43208
24	450	400	43209
25	250	200	43210
25	450	400	43211
28	250	200	43212
28	450	400	43213
30	250	200	43214
30	450	400	43215
32	450	400	43216

* from Ø 18 mm three-piece carbide tip

Rotary hammer drill bit 4 PLUS with SDS-plus shank

Made in Germany

SPEED



4 PLUS - proven millions of times in tough field tests, the 4 PLUS sets standards of efficiency and performance, with fast, dynamic drilling progress and minimal vibrations. The 4 PLUS is a powerful product for professional users in concrete, natural stone and masonry.



FAST PROGRESS

2-cutter head design with centering tip and large spiral flutes for fast drilling progress. Chisel-shaped head geometry for dynamic and aggressive penetration in the drilled hole.

POWERFUL PERFORMANCE

Unique, core-reinforced flute geometry transfers more impact energy directly to the carbide-tipped drill bit without vibration losses.

Patented reinforcement chamfers for optimized drilling in the event of contact with reinforcement.



The centering tip enables exact spot drilling and no wandering.

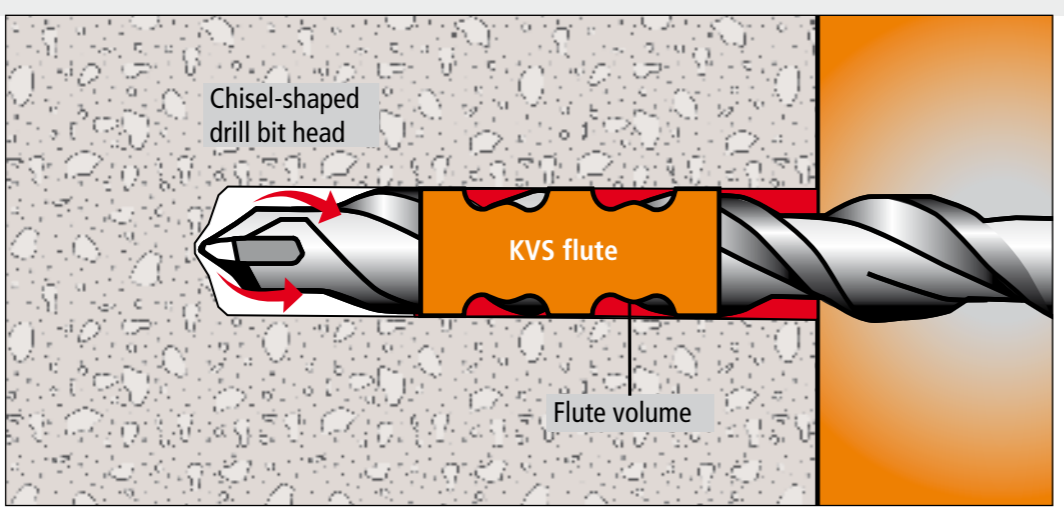


Chisel-shaped drill bit head with short flute entrances and large volume spiral flutes for fast penetration in the material. Fast drilling progress is automatically possible even with hard materials.



The dynamic, chisel-shaped drill bit head rapidly penetrates the material and therefore quickly channels the drilling dust into the flute.

The patented, core-reinforced flute geometry (KVS) reduces vibrations, impact energy is transferred better. The convex core reinforcement increases break resistance. The 4 PLUS thus achieves an ideal combination of flute volume and break resistance.



PGM conformity stands for precisely fitting anchor holes and precise concentricity.

The use of high-quality alloy steel in combination with state of the art hardening and soldering techniques as well as specialized surface treatment produces a high quality, robust professional tool.

The core-reinforced spiral geometry applies more impact energy to the carbide-tipped drill bit.

The patented, core-reinforced flute geometry dampens vibrations, improves impact energy and increases breakage resistance.



Large volume spiral with 2-flute geometry for fast transport of drilling dust.



HAMMERING

Rotary hammer drill bit 4 PLUS with SDS-plus shank



For rotary hammer drills between 2 and 4 kg with SDS-plus chuck.



DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
4	110	50	2400
4	160	100	2499
5	110	50	2401
5	140	80	2402
5	160	100	2403
5	210	150	2404
5	260	200	2470
5	310	250	2475
5,5	110	50	2405
5,5	160	100	2406
5,5	210	150	2476
5,5	260	200	2477
5,5	310	250	2472
6	110	50	2407
6	160	100	2408
6	210	150	2409
6	260	200	2410
6	310	250	2474
6	460	400	24014
6,5	110	50	2411
6,5	160	100	2412
6,5	210	150	2478
6,5	260	200	2413
6,5	310	250	2479
7	110	50	2415
7	160	100	2416
7	210	150	2417
7	250	190	2488
8	110	50	2418
8	160	100	2419
8	210	150	2420
8	260	200	2421
8	310	250	2480
8	400	340	2422
8	460	400	2423
8	600	540	2424
9	160	100	2425
9	210	150	2426

DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
9,5	160	100	2481
10	110	50	2427
10	160	100	2428
10	210	150	2429
10	260	200	2430
10	310	250	2431
10	350	290	2432
10	450	390	2433
10	600	540	2434
10	800	740	2435
10	1000	940	2436
11	160	100	2437
11	210	150	2482
11	260	200	2438
11	310	250	2483
12	160	110	2439
12	210	160	2440
12	260	210	2441
12	310	260	2442
12	360	310	2484
12	450	400	2443
12	600	550	2444
12	1000	950	2445
13	160	110	2446
13	210	160	2485
13	260	210	2447
13	310	260	2448
14	160	110	2449
14	210	160	2450
14	260	210	2451
14	310	260	2452
14	450	400	2453
14	600	550	2454
14	1000	950	2455
15	160	110	2456
15	210	160	2457
15	260	210	2458
15	450	400	2459

DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
16	160	110	2460
16	210	160	2461
16	260	210	24111
16	310	260	2462
16	450	400	2463
16	600	550	2464
16	800	750	2465
16	1000	950	2466
17	210	160	2467
17	450	400	2495
18*	200	150	2336
18	300	250	2394
18	450	400	2354
18	600	550	2384
18	1000	950	230128
19	200	150	2337
19	450	400	2338
20	200	150	2339
20	300	250	2355
20	450	400	2340
20	600	550	2371
20	1000	950	230102
22	250	200	2341
22	450	400	2342
22	600	550	230140
22	1000	950	230144
23	250	200	2343
23	450	400	2344
24	250	200	2345
24	450	400	2346
25	250	200	2347
25	450	400	2348
25	600	550	230103
25	1000	950	230153
26	250	200	2349
26	450	400	2350

* till Ø 17 mm centering point, KVS-flute; from Ø 18 mm H-flute

Concrete	***
Solid brick	***
Natural stone	**
Lime sandstone	**
Reinforced concrete	*

Materials
The 4 PLUS penetrates fast into hard material due to the chisel-shaped drilling head.



HAMMERING

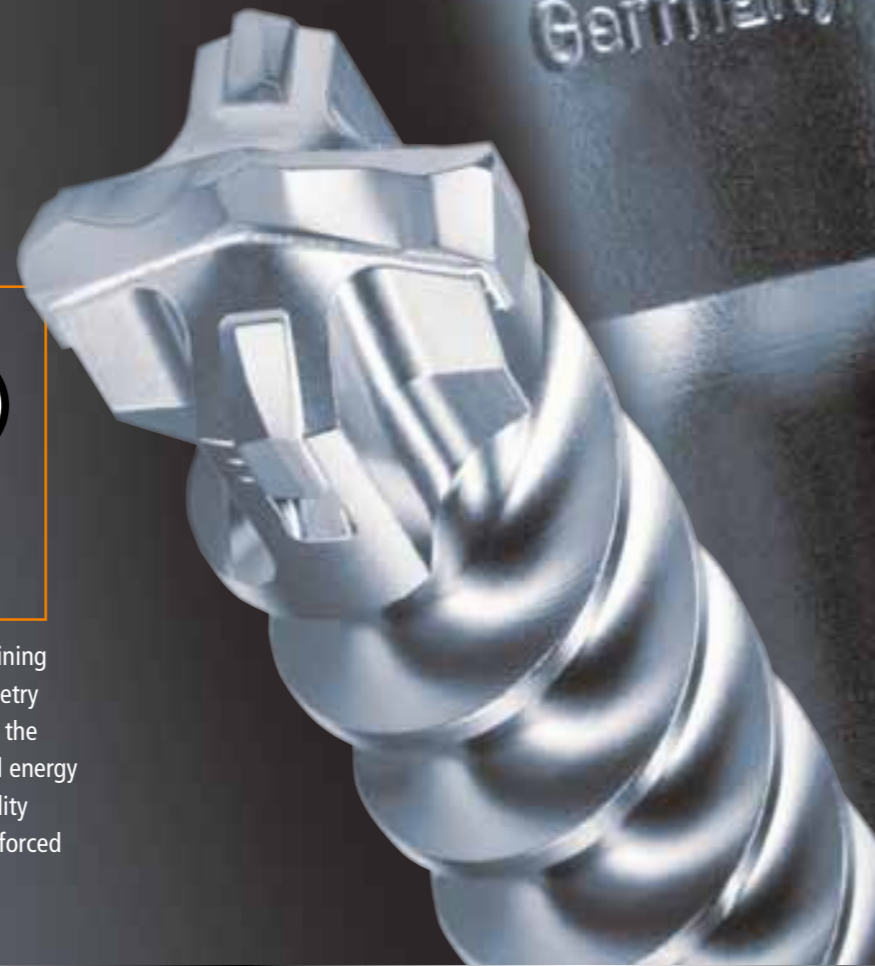
Rotary hammer drill bit ZENTRO MAX with SDS-max shank

Made in Germany

LONG LIFE



The ZENTRO MAX is a robust, aggressive power pack, combining an innovative head geometry and an established flute geometry with uncompromising quality in its detail. This is reflected in the long service life, in the precise drill holes and in the maximal energy transmission – even when the going gets tough. A high-quality tool for all professional operators who have to drill into reinforced concrete and natural stone.



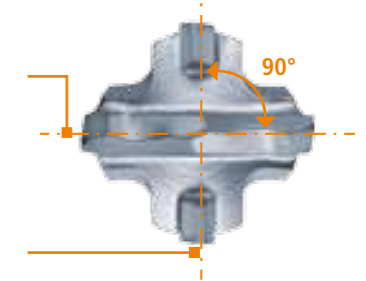
HIGH PRECISION

Innovative drill bit head with centering point and up to 50% more carbide tip for precise drilling and optimal drill hole guidance. Symmetrical 4x90° solid carbide cutting geometry ensures perfect round drilling holes.

POWERFUL PERFORMANCE

The unique reinforced-core flute geometry transfers more impact energy without loss of vibration directly onto the carbide cutting tip.

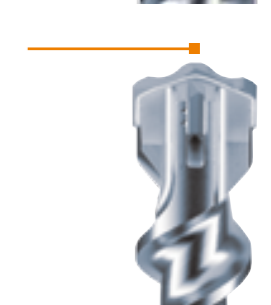
The optimal 4x90° carbide cutting edge symmetry prevents seizing up on hitting reinforcing steel.



Large, robust secondary cutters with dynamically curved cutting tips actively support the main carbide tip during fast drilling.



The wear marking is an indicator for evaluating the dimensional stability of the anchor holes.



Centering point with 130° point angle ensures highly accurate, precise drilling and guarantees optimal drill guidance.



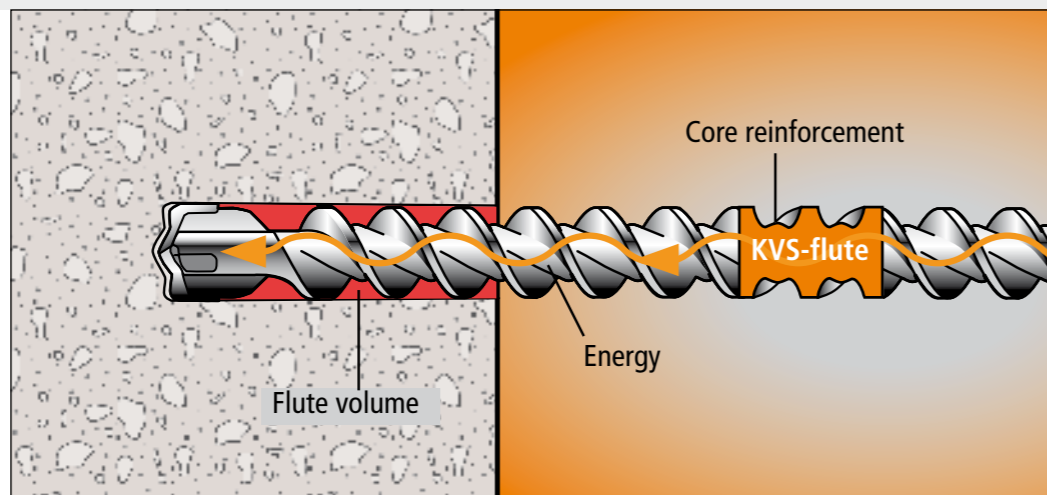
The massive carbide tip with patented reinforcing chamfering provides optimal drilling performance into reinforced concrete.



Specially developed robust head geometry ensures that even toughest applications can be mastered. The innovative solid carbide cutting geometry guarantees an aggressive demolition effect, and thus fast drill progress.

HAMMERING

Due to the optimised proportion of core reinforcement (KVS) and removal of drilling dust the core-reinforced flute ensures high break resistance and fast removal of drilling dust. Moreover the impact-energy is transferred directly from the machine to the drill bit head.

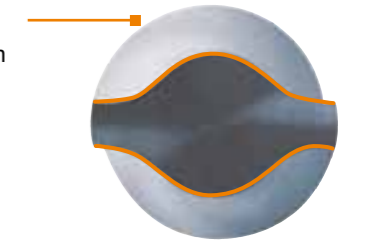


PGM conformity stands for precisely fitting anchor holes and precise concentricity.

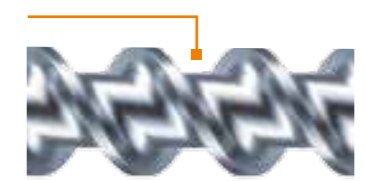
The use of high-quality alloy steel in combination with state of the art hardening and soldering techniques as well as specialized surface treatment produces a high quality, robust professional tool.

The reinforced-core flute geometry brings more impact energy onto the carbide tip.

The patented, reinforced-core flute achieves the optimum between volume and break resistance. Vibrations are dampened and resulting in more impact energy on the carbide tips.



The drilling debris is transported fast in the large-volume flute geometry.



Rotary hammer drill bit ZENTRO MAX with SDS-max shank

For rotary hammer drills weighing
5 kg or more with SDS-max chuck.



DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
12	340	200	3900
12	540	400	3901
12	690	550	3902
14	340	200	3903
14	540	400	3904
15	340	200	3905
15	540	400	3906
16*	340	200	49100
16	540	400	49101
16	940	800	49102
16	1320	1180	49103
18	340	200	49104
18	540	400	49105
18	940	800	49106
18	1320	1180	49107
20	320	200	49108
20	520	400	49109
20	920	800	49110
20	1320	1200	49111
22	320	200	49112
22	520	400	49113
22	920	800	49114
22	1320	1200	49115
24	320	200	49116
24	520	400	49117
25	320	200	49118
25	520	400	49119
25	920	800	49120
25	1320	1200	49121
26	520	400	49122
28	370	250	49123
28	570	450	49124
28	670	550	49125
28	920	800	49126
28	1320	1200	49127
30	370	250	49128

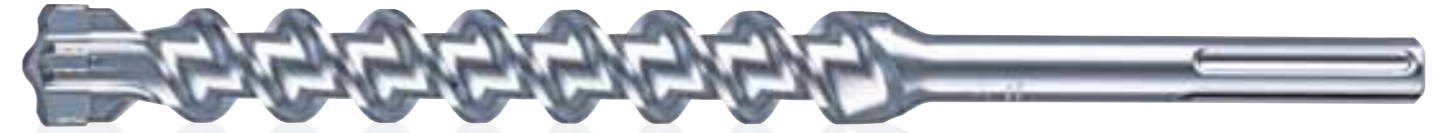
Concrete	***
Reinforced concrete	***
Natural stone	***
Solid brick	**

Materials

As a high-quality tool, the ZENTRO MAX covers a large range of applications in the hardest materials.



3900



49131

DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
30	570	450	49129
30	920	800	49130
32**	370	250	49131
32	570	450	49132
32	920	800	49133
32	1320	1200	49134
35	370	250	49135
35	570	450	49136
35	670	550	49137
35	920	800	49138
37	370	250	49149
37	570	450	49150
37	920	800	49151
38	370	250	49139
38	570	450	49140
40	370	250	49141
40	570	450	49142
40	920	800	49143
40	1320	1200	49144
45	570	450	49145
45	920	800	49146
50	570	450	49148
52	570	450	49147

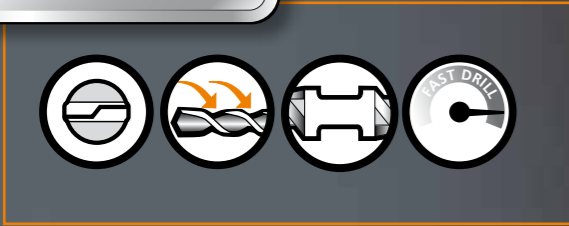
* till Ø 15 mm two cutter, KVS-flute; from Ø 16 mm four-cutter, KVS-flute

** from Ø 32 mm additionally reinforced carbide tip

Rotary hammer drill bit 2C MAX with SDS-max shank

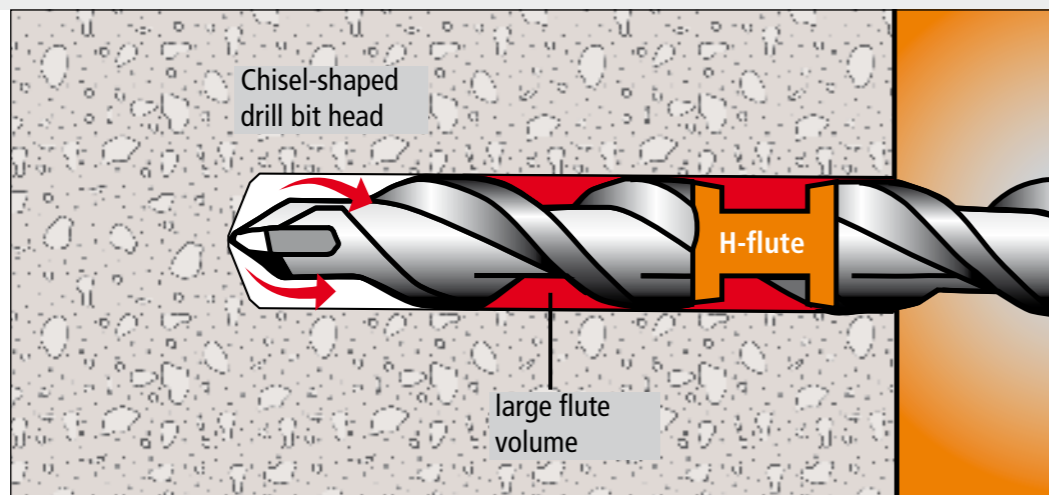
Made in Germany

SPEED



The rotary hammer drill bit 2C MAX is the cost-effective version for large tools thanks to its fast, dynamic drilling progress and its robust carbide tip. The 2C MAX is an efficient product for professional users in concrete, natural stone and masonry.

Dynamic, chisel-shaped drill bit head rapidly penetrates the material and quickly channels the drilling dust into the large volume flute.



FAST

2-cutter head design with large spiral flutes for fast drilling progress.

EFFICIENT

With its robust carbide tip and large volume flute geometry, this is a cost-efficient version in the large tool sector.



PGM conformity stands for precisely fitting anchor holes and precise concentricity.



The use of high-quality alloy steel in combination with state of the art hardening and soldering techniques as well as specialized surface treatment produces a high quality, robust professional tool.



The **dynamic, chisel-shaped drill bit head** allows fast penetration in the material and quickly channels the drilling dust into the flute spiral.



The robust, high quality **carbide tip geometry with 130° tip angle** facilitates centering.



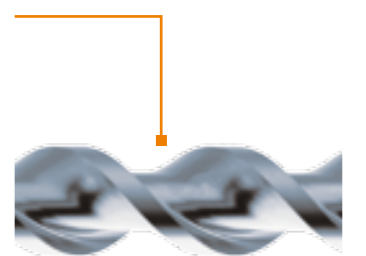
Chisel-shaped drill bit head with short head to flute entrance and large volume spiral windings for fast penetration in the material. Fast drilling progress is automatically possible even with hard materials.



High drilling speed due to the **large volume H-flute geometry**.



High flexural strength due to the **optimized flute core thickness**.



HAMMERING

Rotary hammer drill bit 2C MAX with SDS-max shank



For rotary hammer drills weighing up to 5 kg with SDS-max chuck.



DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
14	340	200	3950
14	540	400	3951
16	340	200	3952
16	540	400	3953
18	340	200	3954
18	540	400	3955
20	320	200	3956
20	520	400	3957
22	320	200	3958
22	520	400	3959
24	320	200	3960
24	520	400	3961
25	320	200	3962
25	520	400	3963
28	370	250	3964
28	570	450	3965

DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
30	370	250	3966
30	570	450	3967
32	370	250	3968
32	570	450	3969
32	920	800	3976
35	370	250	3970
35	570	450	3971
38	370	250	3972
38	570	450	3973
40	370	250	3974
40	570	450	3975

Concrete	***
Solid brick	***
Natural stone	**
Lime sandstone	**

Materials

With the chisel-shaped head geometry the 2C MAX easily penetrates even hard materials.



Core cutter with SDS-max shank



The DreBo core cutter guarantees efficient handling thanks to its one-piece tool design. Specially developed for the new generation of powerful hammer drills, the core cutter guarantees efficient work with high durability. As an ideal tool for through holes in concrete, natural stone and masonry.

Made in Germany



3 large volume spiral flutes ensure fast removal of drilling dust, fast drilling progress and the **triple flute** ensures low-vibration drilling. The result is consistently precise, round drilled holes.

With the **increased spinal width and core thickness**, break resistance is increased and low-vibration drilling is possible. The **increased flute pitch** also allows faster removal of drilling dust. Thanks to the **short flute**, the core cutter offers a reduced drill bit weight, which ensures easy work.

The **one-piece tool** enables optimum transmission of energy to the drill bit head without damping losses of the impact energy.

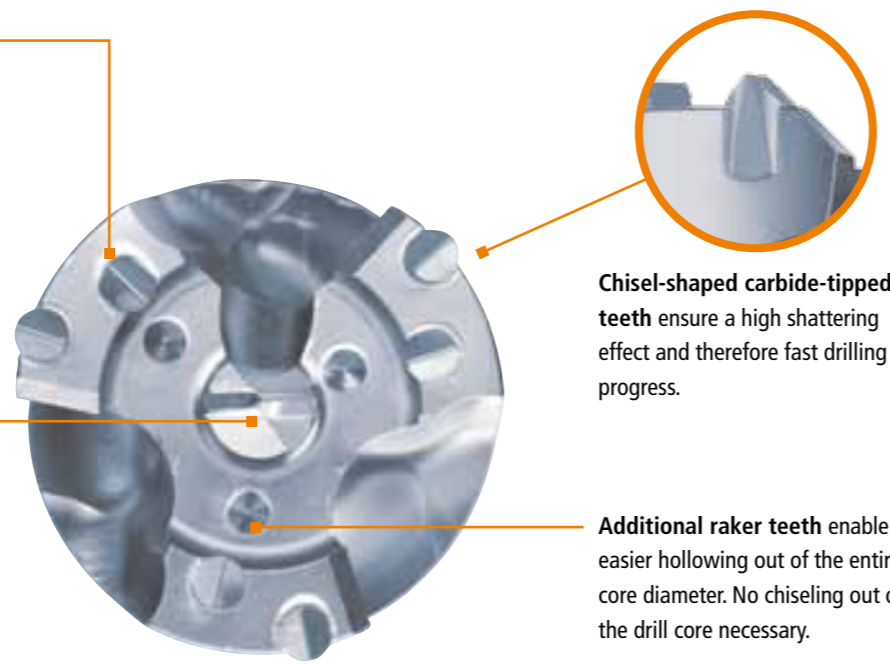
For rotary hammer drills weighing up to 5 kg with SDS-max chuck.



DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
40	310	7330
40	550	7331
45	310	7332
45	550	7333
45	990	7342
55	310	7336
55	550	7337
55	990	7343
65	310	7338
65	550	7339
65	990	7344
80	310	7340
80	550	7341
80	990	7345

HAMMERING


Optimum tooth geometry and asymmetrical tooth arrangement suitable for fast drilling progress in hard materials.




Centering drill bit for easy, exact spot drilling.

Chisel-shaped carbide-tipped teeth ensure a high shattering effect and therefore fast drilling progress.

Additional raker teeth enable easier hollowing out of the entire core diameter. No chiseling out of the drill core necessary.

 The use of high-quality alloy steel in combination with **state of the art hardening and soldering techniques** as well as **specialized surface** treatment produces a high quality, robust professional tool.

 **Low-vibration drilling** guarantees smooth drilling and protects man and machine.

Concrete	***
Solid brick	***
Lime sandstone	***
Natural stone	**
Hollow hole brick	**
Reinforced concrete	*

Materials
The core cutter enables through holes even in extremely hard materials.



Hollow core bit with SDS-max shank



The hollow core bit as a one-piece tool ensures optimum transmission of energy to the drill bit head without damping losses of the impact energy. Thanks to the specially developed symmetrical tooth geometry, it penetrates extremely hard materials such as concrete and natural stone very quickly.



Centering drill bit for easy, exact spot drilling.

Thanks to the sturdy core bit body, extreme applications in hard materials or reinforced concrete are also possible.

The crown body with outer spiral minimizes friction losses, accelerates removal of drilling dust and allows high durability.

For rotary hammer drills weighing up to 5 kg with SDS-max chuck.



DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
40	290	7101
40	550	7102
50	290	7103
50	550	7104
68	290	7105
68	550	7106
80	290	7107
80	550	7108
90	290	7109
90	550	7110
100	290	7111
100	550	7112
125	550	7113
150	550	7114

Centring drill bit 1:20 tapered shank



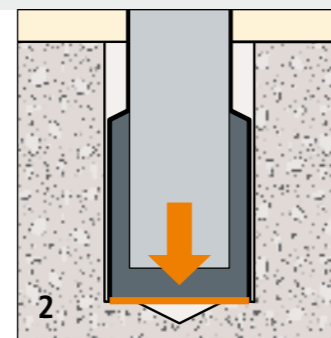
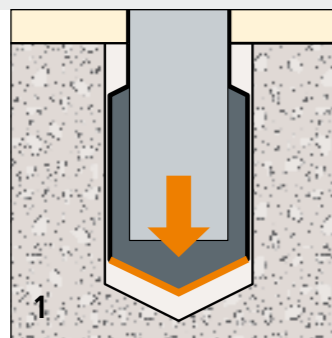
DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
11	120	1143



Drift key, round

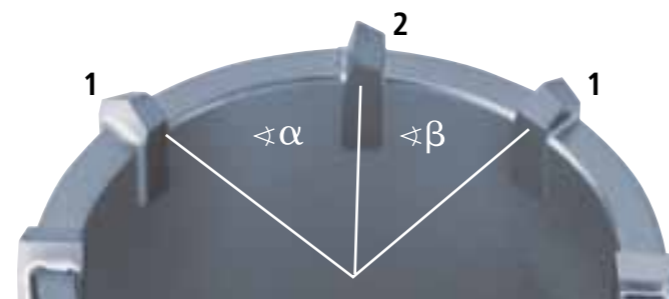
TOTAL LENGTH MM	ITEM NO.
130	7006

Roof-shaped guide teeth (1) are very aggressive in the event of reinforcement collisions thanks to the wedge shape. They enable improved tool alignment and therefore increased rotational stability. They also ensure improved centering.



Flat hammer teeth (2) ensure maximum stability, prevent jamming of the drill bit in the drilled hole and therefore enable faster drilling progress.

Asymmetrical tooth arrangement supports the effects of guide teeth and hammer teeth due to different impact patterns of the teeth enables faster drilling progress.



The use of high-quality alloy steel in combination with state of the art hardening and soldering techniques as well as specialized surface treatment produces a high quality, robust professional tool.

Concrete	***
Solid brick	***
Lime sandstone	***
Natural stone	**
Hollow hole brick	**
Reinforced concrete	*

Materials

The hollow core bit is suitable or very suitable for drilling concrete, natural stone and even solid bricks.



Hollow core bit taper

The hollow core bit taper is a **multipart, modular tool system**. With different adapters, it is possible to use the system cost-effectively for various applications.

Modular tool system suitable for all popular makes of rotary hammer drills.

DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
40	100	7005
45	100	7010
50	100	7015
60	100	7020
65	100	7025
68	100	7026
80	100	7030
90	100	7035
100	100	7040
125	100	7045



Accessory hollow core bit Adapter 1:20 internal taper, 1:8 external taper

DESCRIPTION	TOTAL LENGTH MM	ITEM NO.
SDS-max adapter	180	6311
SDS-max adapter	450	630004
SDS-plus adapter	115	6312
Spline adapter	216	6303
Spline adapter	436	630001
13 mm AF hexagon adapter	185	6309
13 mm AF hexagon adapter	450	6310
19 mm AF hexagon adapter	205	6315
19 mm AF hexagon adapter	450	6313



Rotary hammer drill bit adapter

For rotary hammer drill with SDS-max, Spline and 13 mm AF hexagon shank. Drilling tools with smaller diameters can be used in conjunction with the adapters in heavy rotary hammer drills.

Adapter for tools with SDS-plus shank. The high quality tools guarantee a long lifetime.



DESCRIPTION	ITEM NO.
SDS-max/SDS-plus adapter	6363
Spline/SDS-plus adapter	6362
13 mm AF hexagon /SDS-plus adapter	6364

Accessory hollow core bit taper

Centering drill bit

DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
11	120	1143
10	150	1113



Drift key, flat

TOTAL LENGTH MM	ITEM NO.
140	7000



SDS-plus 3-jaw chuck adapter with internal thread

For rotary hammer drills with SDS-plus.

SDS-plus shank for 3-jaw chuck including screw.

DESCRIPTION	ITEM NO.
SDS-plus adapter, thread 12,7 (1/2") – 20 UNF-2A internal thread M6-LH	6352



DreConnect Adapter system

Made in Germany

With the patented DreConnect adapter, DreBo sets innovative standards in the sector of heavy, multi-part tools from a diameter of 32 mm. Only one short standard drill bit is required per tool type and diameter. The DreConnect adapter and the DreConnect extensions can be used in various combinations with the large tools hollow core bit, core cutter and ZENTRO MAX according to requirements, for use in concrete, natural stone and masonry.

DESCRIPTION	DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
DreConnect adapter	30	190	6700
Special adapter grease, 10 g tube			6750

DESCRIPTION	TOTAL LENGTH MM	ITEM NO.
SDS-max DreConnect extension	320	6701
SDS-max DreConnect extension	750	6702
SDS-max DreConnect extension	1100	6703
SDS-plus DreConnect extension	320	6706
SDS-plus DreConnect extension	750	6707
Spline DreConnect extension	320	6708
Spline DreConnect extension	750	6709
13 mm AF hexagon DreConnect extension	320	6710
13 mm AF hexagon DreConnect extension	750	6711
19 mm AF hexagon DreConnect extension	320	6712
19 mm AF hexagon DreConnect extension	750	6713
19 mm AF hexagon Wacker DreConnect extension	320	6714
19 mm AF hexagon Wacker DreConnect extension	750	6715



Universal tool system combinable with all popular chuck systems thanks to DreConnect extension shafts and various drilling tools.

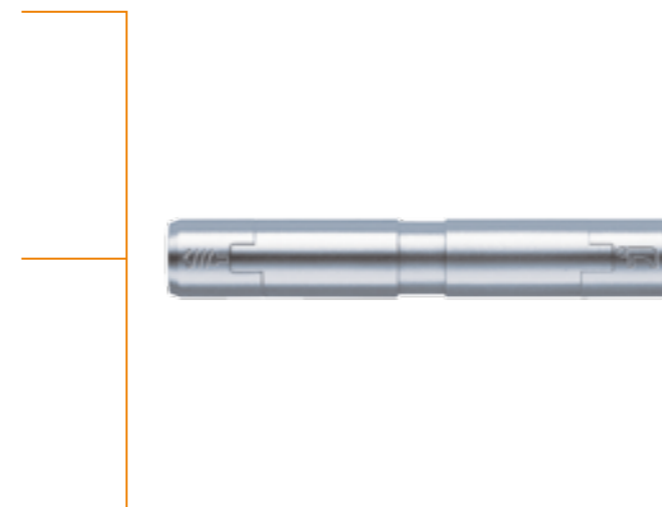
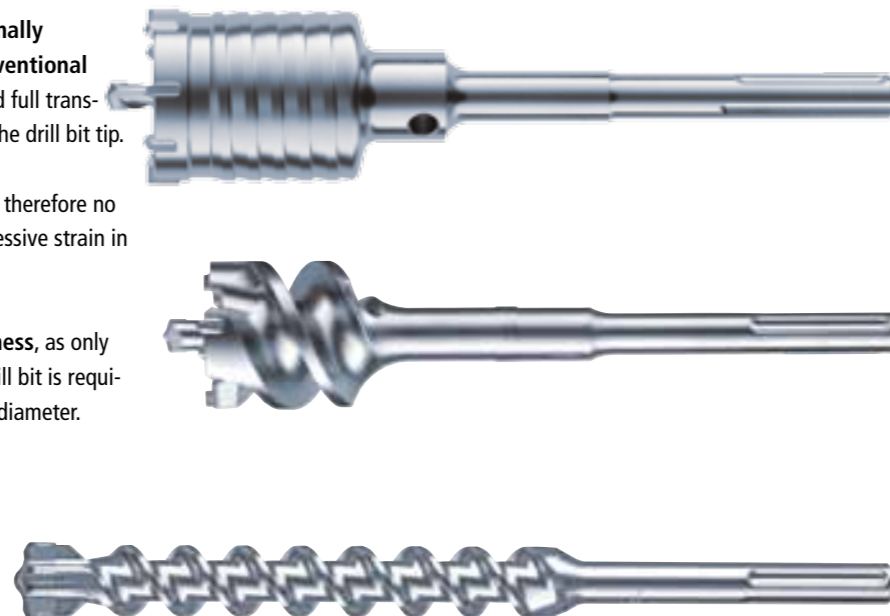
Secure, fast connection thanks to double-sided SDS-max chuck between the tool and the extension shank.

Two clicks – and the tool is the required working length.

No energy loss normally encountered in conventional adapter systems and full transmission of energy to the drill bit tip.

No weak points and therefore no breakages due to excessive strain in the coupling area.

High cost-effectiveness, as only one short standard drill bit is required per tool type and diameter.



Versio system

The modular tool system



With the Versio system, DreBo offers a comprehensive tool and range of accessories which allows numerous combinations thanks to its thread system. The area of application comprises drilling in concrete, natural stone and masonry.

Flexible tool system as it can be extended to any length and combined with various drilling tools.

Versatile drill bit elements offer a high level of cost-efficiency.

Replaceable threaded studs as a connecting element and overload protection.

Fast installation and easily loosened round threads.



The use of high-quality alloy steel in combination with **state of the art hardening and soldering techniques** as well as **specialized surface treatment** produces a high quality, robust professional tool.



Made in Germany



For rotary hammer drill weighing up to 8 kg.

Versio ZENTRO

DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
28	475	7463
30	475	7464
32	475	7465

Versio concrete core cutter

DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
30	150	7410
35	150	7400
40	150	7401
45	150	7402
55	150	7404
60	150	7405
68	150	7406
80	150	7407
90	150	7409



Versio hollow core cutter

DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
50	100	7483
68	100	7490
80	100	7485
90	100	7480
100	100	7481
125	100	7482



Versio centering drill bit

DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
12	155	7416



HAMMERING



Versio extension

DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
25	280	7440

Versio threaded stud



DESCRIPTION	ITEM NO.
Versio threaded stud	7450

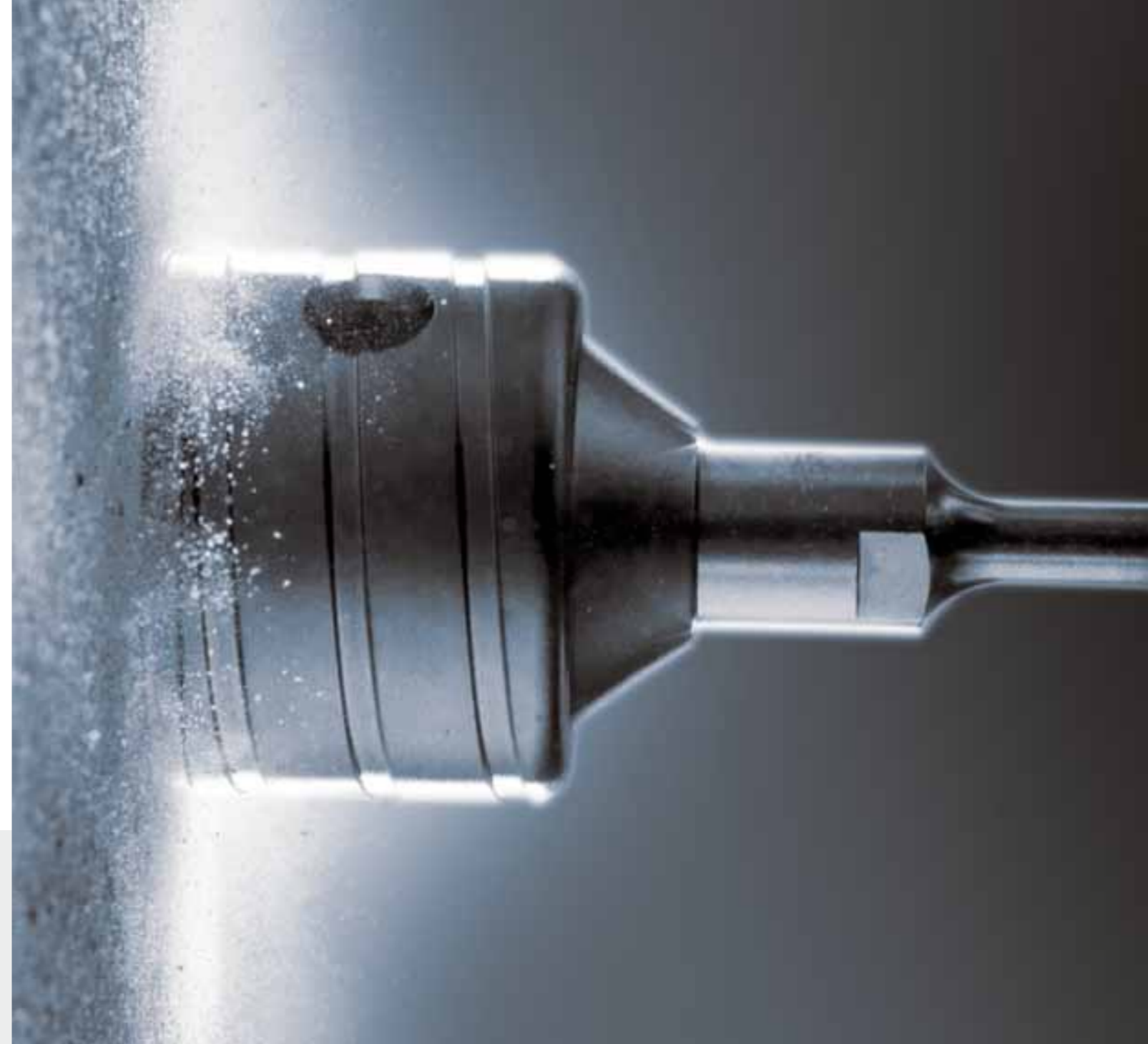
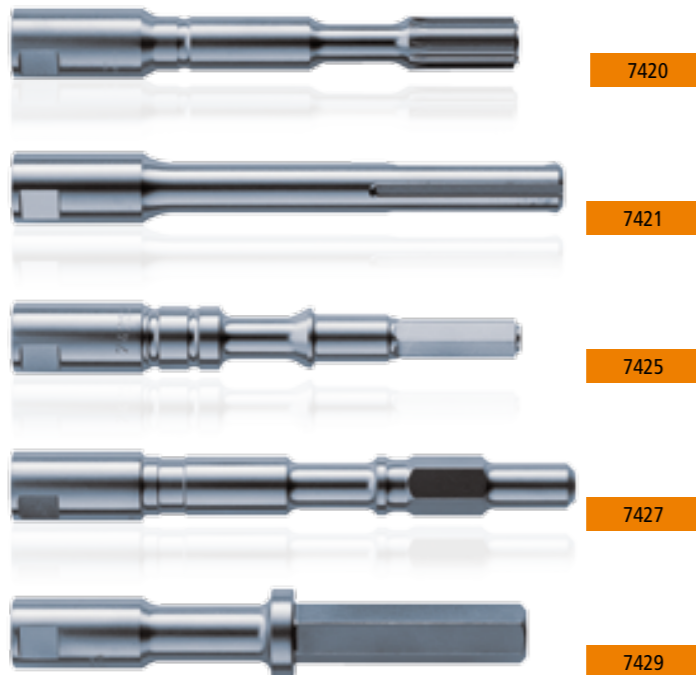
Versio adapter with threaded stud, tapered end 1:8, internal taper 1:20



DESCRIPTION	TOTAL LENGTH MM	ITEM NO.
Versio adapter taper 1:8	90	7435

Versio adapter with internal round thread

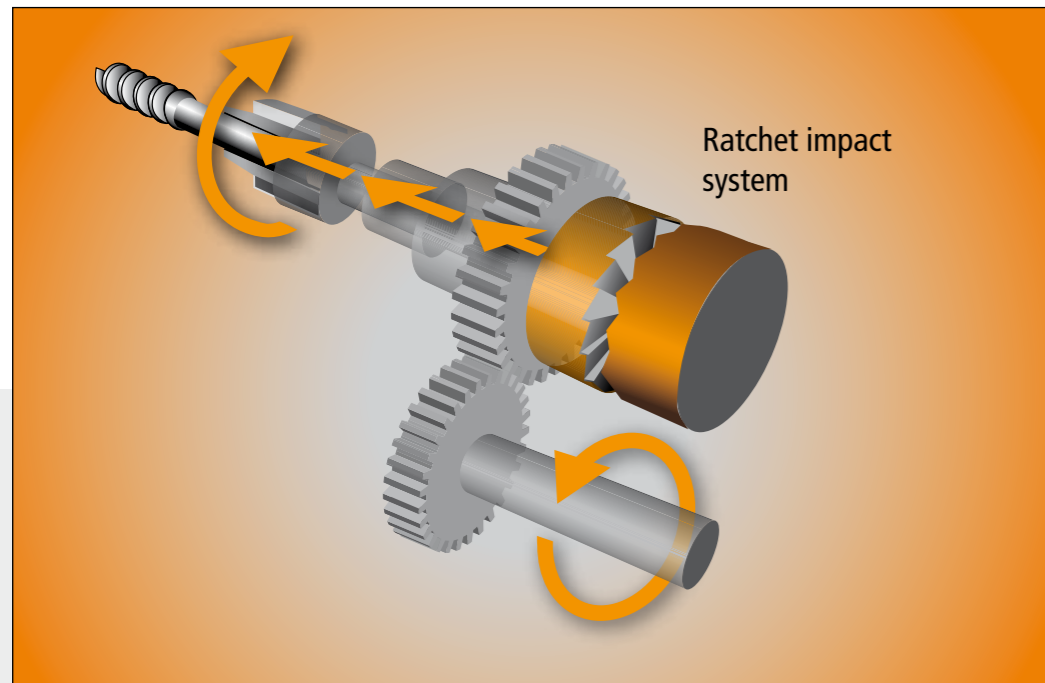
DESCRIPTION	TOTAL LENGTH MM	ITEM NO.
Spline Versio adapter	180	7420
SDS-max Versio adapter	195	7421
13 mm AF hexagon Versio adapter	180	7425
19 mm AF hexagon Versio adapter	200	7427
19 mm AF hexagon Wacker Versio adapter	182	7429



PERCUSSION

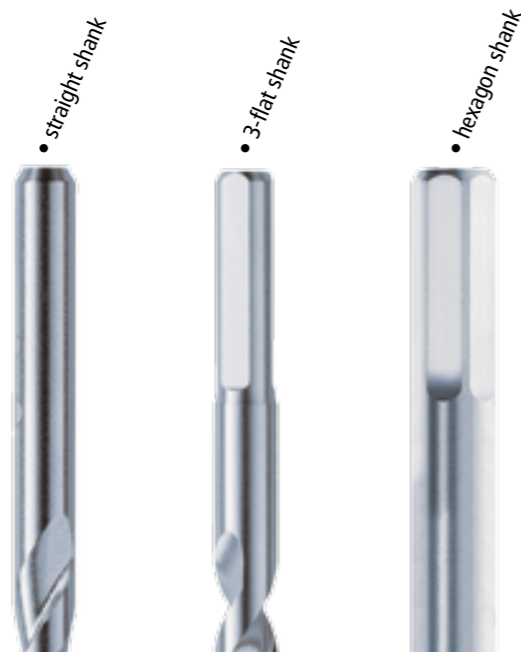
Ideal for percussion drilling

Percussion drill bits are used for materials with a low to medium hardness such as solid brick, lime sandstone, aerated concrete or hollow hole brick. Here the drill bit is rotated with the 3-jaw chuck and struck with mechanically produced hammer actions. The result is a high impact frequency and low impact energy. The percussion drill bits from DreBo offer the craftsman an ideal tool for this application thanks to their dynamic, chisel-shaped head geometry and large flute volume.



High impact frequency

In the case of percussion drilling, locking disks with opposing teeth apply hammer actions to the drill bit. During this time, the drill bit is rotating. The mechanically produced hammer actions have a high impact frequency but a low impact energy.



Shank types

The shank types listed are used for percussion drilling.

Product overview percussion

Superschlag

Perdur

Hollow core cutter – lightweight design



PERCUSSION

Percussion drill bit Superschlag with straight shank



The straight shank range from DreBo offers powerful tools for all purposes with head and flute geometries specially adapted to the individual applications.

The Superschlag is a premium tool with a specially developed head geometry and centering tip and is therefore ideal for applications involving concrete, natural stone and masonry.

Concrete drill bit with straight shank in accordance with DIN 8039 ISO 5468

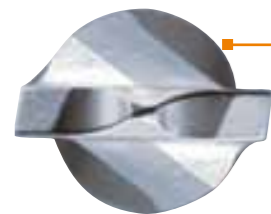
For use in hammer drills and light rotary hammer drill with 3-jaw chuck.



DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.	DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
3*	70	40	4101	13	150	110	410124
4	85	50	410101	14	150	110	410125
4,5*	85	50	4103	14	200	160	410126
5	85	50	410103	14**	400	360	410127
5	150	115	410104	14**	600	560	410131
5,5	85	50	410105	16	150	110	410128
5,5	150	115	410136	16**	400	360	410129
6	100	60	410106	16**	600	560	410130
6	150	110	410107	18	160	120	4126
6,5	100	60	410108	20	160	120	410133
6,5	150	110	410109	20**	400	360	410134
7	100	60	410110	20**	600	560	410135
7	150	110	410132				
8	120	80	410111				
8	200	160	410112				
8	400	360	410113				
9	120	80	410115				
10	120	80	410116				
10	200	160	410117				
10	400	360	410118				
10	600	560	410119				
12	150	110	410120				
12	200	160	410121				
12	400	360	410122				
12	600	560	410123				

* with standard carbide tip

** with multi-flat shank



Large volume spiral flutes for fast removal of drilling dust.

Specially developed carbide-tipped cutting geometry and aggressive shoulders for fast drilling progress. **Centering tip** for easy spot drilling and no slipping.



Large volume, cupping flute for optimum drilling dust transport. **Hardened drill bits** and therefore impact-resistant in concrete.



The **chisel-shaped drill bit head** rapidly penetrates the material and therefore quickly channels the drilling dust into the flute.



The **PGM conformity** stands for precisely fitting anchor holes and precise concentricity.



The use of high-quality alloy steel in combination with **state of the art hardening and soldering techniques** as well as **specialized surface treatment** produces a high quality, robust professional tool.

Solid brick	***
Hollow hole brick	***
Lime sandstone	***
Aerated concrete	***
Concrete	**
Natural stone	**
Roofing tile	**
Tiles	**

Materials

With the chisel-shaped head geometry the Superschlag drill bit easily penetrates even hard materials.



Percussion drill bit Perdur with straight shank



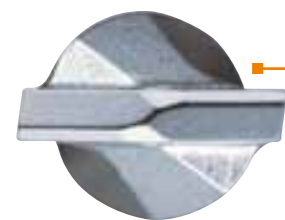
The straight shank range from DreBo offers powerful tools for all purposes with head and flute geometries specially adapted to the individual applications.

The Perdur is a cost-effective drill bit for professional craftsmen for use in masonry and aerated concrete.

Concrete drill bit with straight shank in accordance with DIN 8039 ISO 5468 for use in hammer drills.



DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.	DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
3	70	40	41901	11	150	110	41918
4	85	50	41902	12	150	110	41919
5	85	50	41903	12	200	160	41920
5	150	115	41904	12	400	360	41927
5,5	85	50	41905	13	150	110	41921
5,5	150	115	41906	14	150	110	41922
6	100	60	41907	14	200	160	41930
6	150	110	41908	14	400	360	41928
6	200	160	41931	15	160	120	41923
6,5	100	60	41909	16	160	120	41924
6,5	150	110	41910	16	400	360	41929
7	100	60	41911	18	160	120	41925
7	150	110	41912	20	160	120	41926
8	120	80	41913				
8	200	160	41914				
9	120	80	41915				
10	120	80	41916				
10	200	160	41917				
10	400	360	41946				



Large volume spiral flutes for fast removal of drilling dust.



Chisel-shaped head geometry for fast penetration in the material and therefore quickly channels the drilling dust into the flute.

With the **S-flute**, the Perdur ensures high break resistance and due to the robust flute geometry high efficiency.

Hardened drill bits and therefore impact-resistant in concrete.



The use of high-quality alloy steel in combination with **state of the art hardening and soldering techniques** as well as **specialized surface** treatment produces a high quality, robust professional tool.

Material	Performance
Solid brick	***
Hollow hole brick	***
Lime sandstone	***
Aerated concrete	***
Natural stone	*
Roofing tile	*
Tiles	*

Materials

Perdur covers a wide range of different materials, such as solid brick, aerated concrete and hollow hole brick.



Hollow core bit – lightweight design with internal thread M16

The lightweight core bit convinces with its user-friendly details – easy, fast and clean drilling. Thanks to the specially developed asymmetrical tooth geometry, it is ideal for working in masonry natural stone and calcareous sandstone.



Hollow core bit – lightweight design system



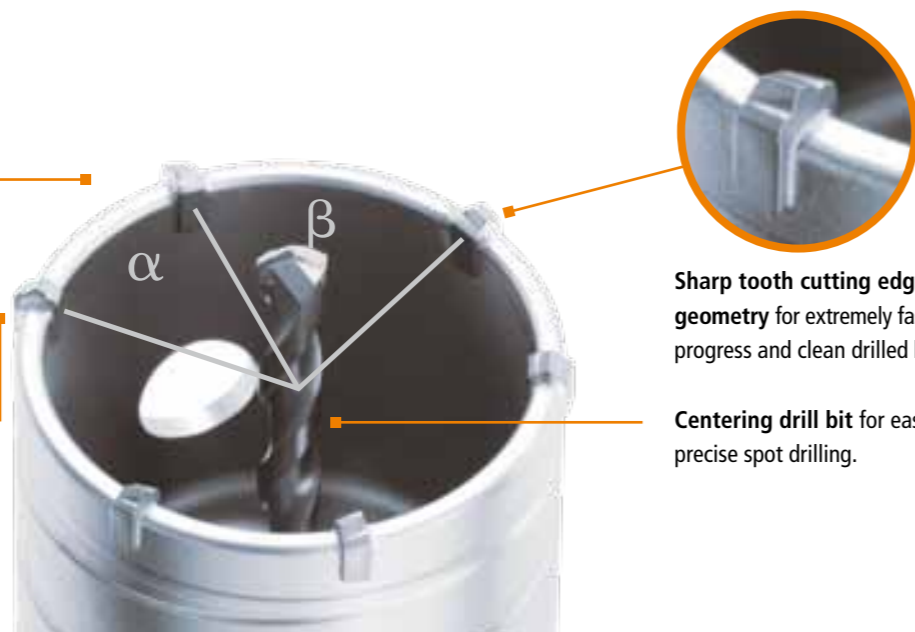
The lightweight core bit can be used with SDS-plus adapter for rotary hammer drills up to 4 kg, with hexagon adapter for heavy hammer drills with 3-jaw chuck.



DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
30	50	7072
35	50	7073
40	50	7083
45	50	7074
50	50	7075
65	50	7077
68	50	7078
80	50	7079
82	50	7080
90	50	7081
100	50	7084

Asymmetrical tooth arrangement produces different impact patterns of the teeth, resulting in higher efficiency and faster drilling progress.

Increased carbide tip protrusion and chamfer on the toothed crown prevent jamming of the drill bit in the drilled hole.



Sharp tooth cutting edge geometry for extremely fast drilling progress and clean drilled holes.

Centering drill bit for easy, precise spot drilling.



The use of high-quality alloy steel in combination with state of the art hardening and soldering techniques as well as specialized surface treatment produces a high quality, robust professional tool.

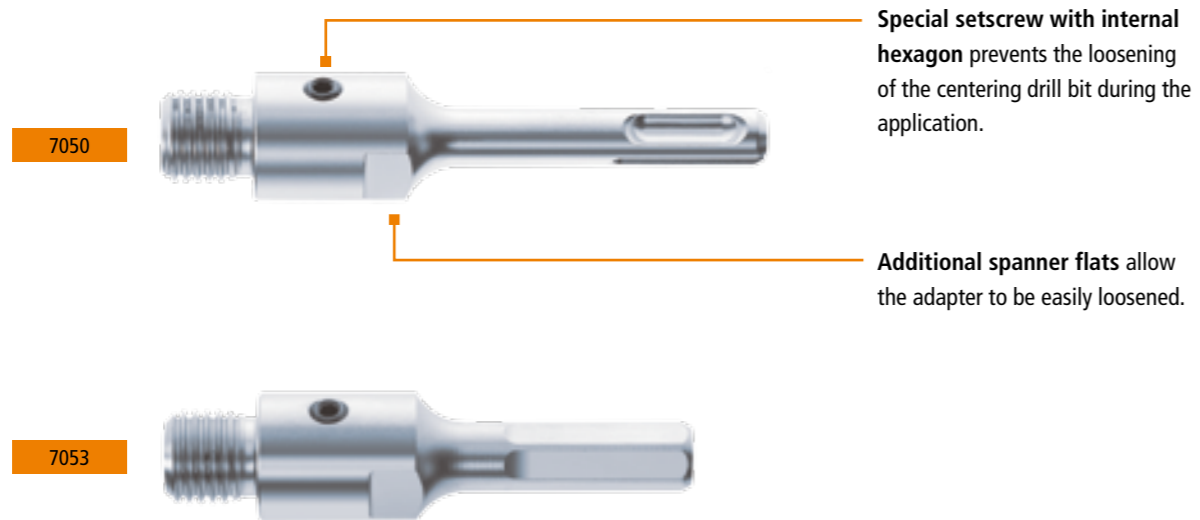
Solid brick	***
Aerated concrete	***
Lime sandstone	***
Hollow hole brick	**

Materials
The lightweight design of hollow core cutter can be used in many different materials such as solid brick, aerated concrete, lime sandstone and hollow hole brick.



Accessory hollow core cutter, lightweight design Combi adapter

Adapters available in various lengths and shanks allow flexible and economical use of the system.



DESCRIPTION	TOTAL LENGTH MM	ITEM NO.
SDS-plus combi adapter with M16 thread	105	7050
SDS-plus combi adapter with M16 thread	220	7051
SDS-plus combi adapter with M16 thread	370	7052
Hexagon combi adapter with M16 thread	90	7053
Hexagon combi adapter with M16 thread	220	7054
Hexagon combi adapter with M16 thread	370	7055



Centering drill bit with spanner flats

DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
8	120	70250



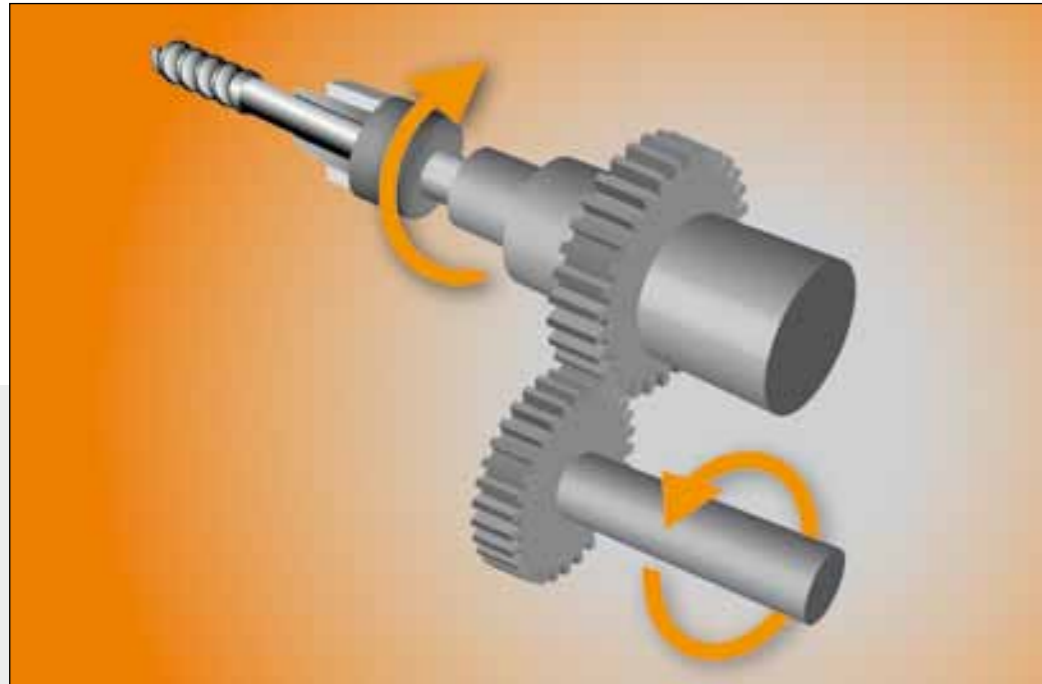
Hex-wrench key,
SW 3,0 mm
angled



ROTARY

Ideal for rotary drilling

The rotary application drill bit is used for processing low strength materials - such as hollow hole brick, aerated concrete or wood. The drill bit is rotated with the chuck in the electric drill without hammer action. The drill bit therefore literally "cuts" into the material. The rotary drill bits from DreBo are characterized here by their very sharp cutting edge geometry.



Rotating in the chuck

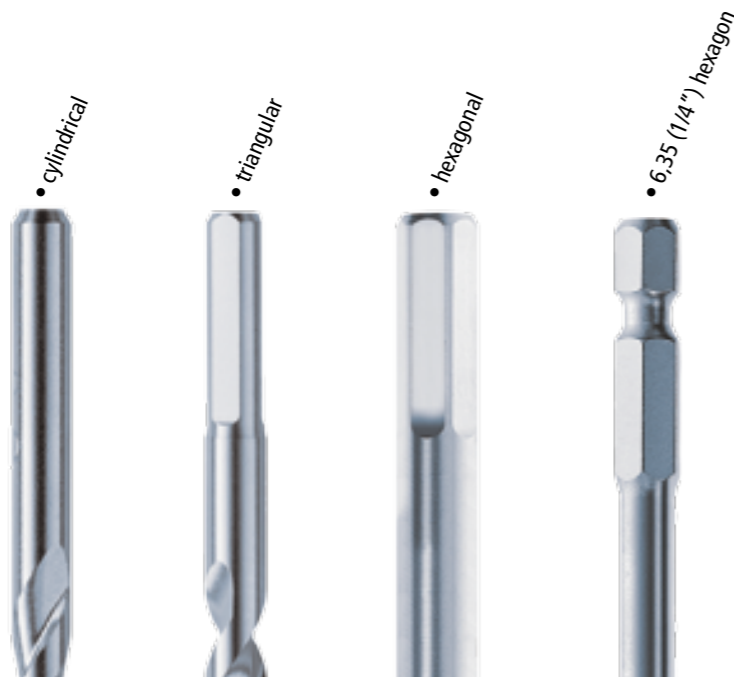
For rotary applications, the drill bit is rotated with the chuck.

Product overview rotary

UNIDre



UNICut



Shank types

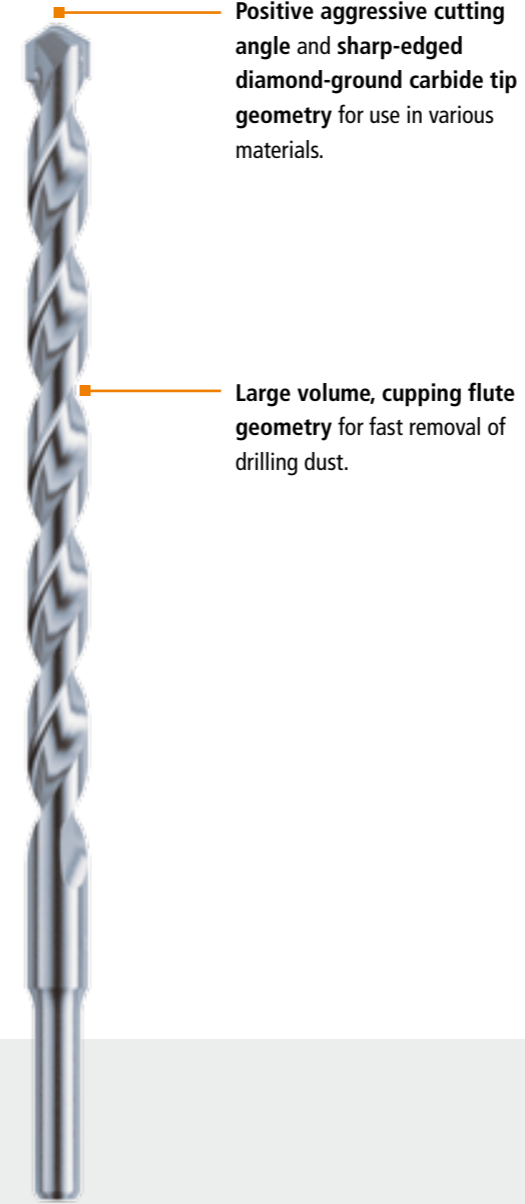
The listed shank types are used for rotary drilling applications.

Universal rotary drill bit UNIDre with straight shank



UNIDre is a universal drill bit with a special head geometry, large volume flute geometry and ground carbide tip. It can therefore be used universally in a wide range of materials such as solid brick, hollow hole brick, plastic, wood and soft metals.

Made in Germany



Positive aggressive cutting angle and sharp-edged diamond-ground carbide tip geometry for use in various materials.

Large volume, cupping flute geometry for fast removal of drilling dust.

Only for use in rotary applications in drills and cordless drills.



DIAMETER MM	TOTAL LENGTH MM	WORKING LENGTH MM	ITEM NO.
3	70	40	8079
4	85	50	8080
5	85	50	8081
5,5	85	50	8082
6	100	60	8083
6	150	110	8084
6,5	100	60	8085
6,5	150	110	8086
7	100	60	8087
8	120	80	8088
8	250	210	8089
10	120	80	8091
10	250	210	8092
12	150	110	8093
12	250	210	8094
14	250	210	8095



Large volume spiral flutes for fast removal of drilling dust.

Chisel-shaped drill bit head rapidly penetrates the material and therefore quickly channels the drilling dust into the flute.



The use of high-quality alloy steel in combination with state of the art hardening and soldering techniques as well as specialized surface treatment produces a high quality, robust professional tool.

Solid brick	***
Hollow hole brick	***
Lime sandstone	***
Aerated concrete	***
Plastics	**
Roofing tile	**
Tiles	**
Wood	**
Aluminium, soft metal	**

Materials
UNIDre is versatile. Whether for solid brick, aerated concrete, tiles or wood: UNIDre is very suitable.



Universal hole saw UNICut

Whether for sanitation or central heating technicians, electricians, joiners and carpenters, kitchen fitters or professional DIY experts – with UNICut, DreBo sets new standards in terms of performance, application and safety. The UNICut hole saw covers a wide range of applications - for cable or pipe glands, flush-mounted sockets or fittings.



UNICut universal hole saw system



The UNICut hole saw combined with the PROtect adapter forms an ideal tool combination. The system offers maximum occupational safety and easy handling. Thanks to the convenient quick-release coupling, the centering drill bit can be quickly replaced without the additional hazard of a rotating clamping screw. The drill core can be easily removed from the hole saw in the same work step by simply releasing the centering drill bit.

Special curved geometry of the enlarged boring debris chambers and of the exhaust slot for improved vibration control.

Only for use in rotary applications in drills and cordless drills.



DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
25	75	70200
30	75	70201
35	75	70202
40	75	70203
45	75	70204
50	75	70205
55	75	70206
58	75	70207
60	75	70208
63	75	70209
65	75	70210
68	75	70211
70	75	70212
71	75	70213
74	75	70214
76	75	70215
78	75	70216
80	75	70217
85	75	70218
90	75	70219
105	75	70220

Centering drill bit guarantees easy, precise spot drilling.

Aggressive cutting edges, which are designed for universal use, ensure fast drilling progress.



Carbide-tipped teeth supported on both sides and enlarged soldered surfaces guarantee secure seating and very strong material bonding.



The use of high-quality alloy steel in combination with state of the art hardening and soldering techniques as well as specialized surface treatment produces a high quality, robust professional tool.

Solid brick	***
Hollow hole brick	***
Aerated concrete	***
Lime sandstone	**
Plastics	**
Wood	**
Tiles	*

Materials

UNICut covers a wide range of materials, from solid brick to plastic and wood.



Accessory UNICut universal hole saw PROTeCt adapter

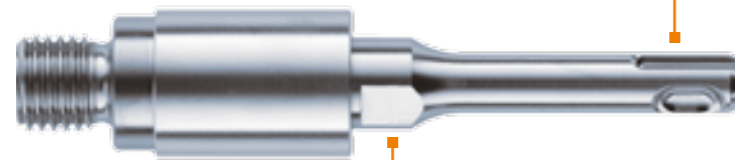
Adapters with different lengths and shanks enable flexible and economic use of the system.

Convenient quick-release coupling for fast replacement of the centering drill bit. The lack of a rotating clamping screw prevents the risk of injury.

The drill core can be easily removed from the hole saw by simply releasing the centering drill bit.

The shortened chuck groove prevents hammer activation in rotary hammer drills with SDS-plus chucks.

Spanner flats allow the adapter to be easily loosened.



Shank types

In addition to the SDS-plus, the Protect Adapter is also available with a hexagon shank AF 11 and AF 9.



Hexagon shank
AF 11 and AF 9

DESCRIPTION	TOTAL LENGTH MM	ITEM NO.
SDS-plus PROTeCt adapter	118	7096
SDS-plus PROTeCt adapter	220	7097
SDS-plus PROTeCt adapter	370	7098
11 mm AF hexagon PROTeCt Adapter	118	7093
11 mm AF hexagon PROTeCt Adapter	220	7094
11 mm AF hexagon PROTeCt Adapter	370	7095
9 mm AF hexagon PROTeCt Adapter	118	7099

Centering drill bit with shortened SDS-plus grooves



DESCRIPTION	DIAMETER MM	TOTAL LENGTH MM	ITEM NO.
Centering drill HM	8	120	70250
Centering drill HSS	7,4	120	70251

Hole counter bore

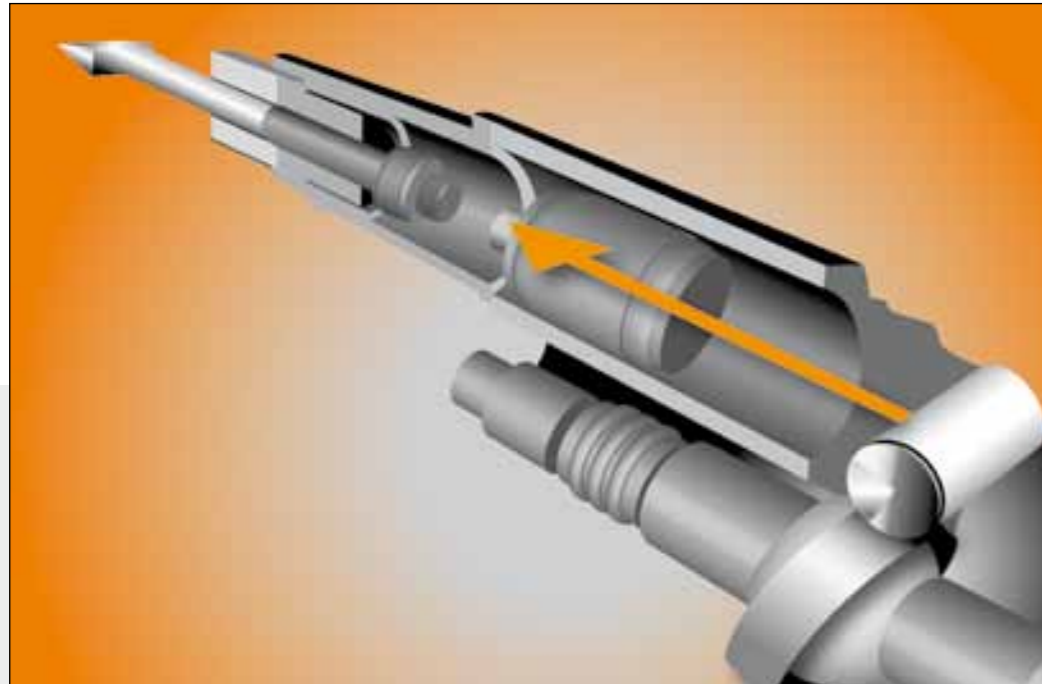
DESCRIPTION	DIAMETER MM	ITEM NO.
Hole counter bore	68	70271



CHISELING

Ideal for chiseling

In the case of chiseling, the chisel penetrates and shatters the material or removes it. Chiseling itself is a hammering process in which hammer actions are produced pneumatically. These hammer actions have a low impact frequency but high impact energy. Thanks to their solid, robust geometry, the chisels from DreBo easily penetrate even extremely hard materials such as concrete, natural stone and masonry.



High impact energy

In the case of chiseling, the chisel is hammered with pneumatically generated hammer actions on the chisel shaft. The hammer actions have a low impact frequency but high impact energy.

Shank types

The listed shank types are used for chiseling.



Product overview chiseling

Pointed chisel



Flat chisel



Scaling chisel



Hollow chisel



Canal chisel



Carbide bushing tool



Chisels



Chisels are an ideal addition to the DreBo drill bit range. With these, DreBo offers its customers a full range for professional applications.

The chisel range offers the ideal solution for every individual application, for example chiseling and breaking up, universal removal of material, cutting narrow channels or roughening surfaces in concrete, masonry and natural stone.

The use of **high-grade tempered steel, special machining and hardening processes** ensure maximum durability.

Special surface treatment for additional surface treatment and therefore increased longevity.

Pointed chisel

For general chiseling and breaking up of masonry, concrete and loose stonework.

DESCRIPTION	WIDTH MM	ITEM NO.
Suitable for combination and chisel hammer drills with SDS-plus chucks or 2-slot chucks		
SDS-plus pointed chisel	250	5124
Suitable for combination and chisel hammer drills with SDS-max chucks or 2-slot chucks		
SDS-max pointed chisel	280	5301
SDS-max pointed chisel	400	5302
SDS-max pointed chisel	600	5303

Flat chisel

For general chiseling and breaking up of masonry, concrete and loose stonework (specific breaking effect).

DESCRIPTION	WIDTH MM	TOTAL LENGTH MM	ITEM NO.
Suitable for combination and chisel hammer drills with SDS-plus chucks or 2-slot chucks			
SDS-plus flat chisel	20	250	5129
Suitable for combination and chisel hammer drills with SDS-max chucks or 2-slot chucks			
SDS-max flat chisel	25	280	5304
SDS-max flat chisel	25	400	5305
SDS-max flat chisel	25	600	5306

Spade chisel

For universal removal of large quantities of material.

DESCRIPTION	WIDTH MM	TOTAL LENGTH MM	ITEM NO.
Suitable for combination and chisel hammer drills with SDS-plus chucks or 2-slot chucks			
SDS-plus spade chisel	40	250	5134
Suitable for combination and chisel hammer drills with SDS-max chucks or 2-slot chucks			
SDS-max spade chisel	50	400	5307
SDS-max spade chisel	80	300	5308
SDS-max spade chisel	115	350	5309



Channel chisel

For cutting channels in masonry, e.g. bricks and calcareous sandstone.

DESCRIPTION	WIDTH MM	TOTAL LENGTH MM	ITEM NO.
Suitable for combination and chisel hammer drills with SDS-max chucks or 2-slot chucks			
SDS-max channel chisel	32	300	5311



Bushing chisel

For removing excess concrete. Roughens surfaces for subsequent further processing.



DESCRIPTION	WIDTH MM	TOTAL LENGTH MM	ITEM NO.
Suitable for combination and chisel hammer drills with SDS-max chucks or 2-slot chucks			
SDS-max bushing chisel HM	40	250	5368

Hollow chisel

For cutting narrow channels in concrete.



DESCRIPTION	WIDTH MM	TOTAL LENGTH MM	ITEM NO.
Suitable for combination and chisel hammer drills with SDS-plus chucks or 2-slot chucks			
SDS-plus hollow chisel	22	250	5135
Suitable for combination and chisel hammer drills with SDS-max chucks or 2-slot chucks			
SDS-max hollow chisel	26	300	5310

Concrete	***
Natural stone	***
Solid brick	***
Hollow hole brick	***
Lime sandstone	**
Aerated concrete	**



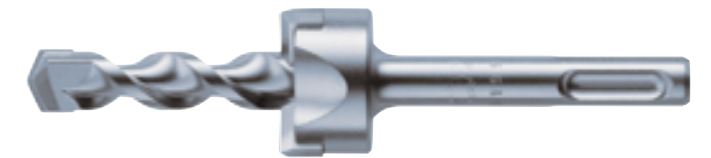
Materials

From concrete and natural stone to perforated bricks and autoclaved aerated concrete: The chisels are suitable for many materials.

Special dimensions and special designs

Our standard range is comprehensive and covers the usual market requirements. In addition, we produce **special dimensions and tolerances for specific markets.**

In addition, we develop and produce **special, customized tools** in close cooperation with our customers to solve specific drilling problems.



SPECIAL TOOLS