

# 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.

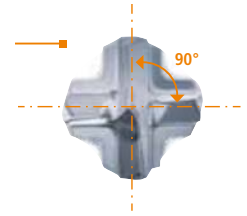
## HIGH PRECISION

Innovative drill bit head with centring 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.

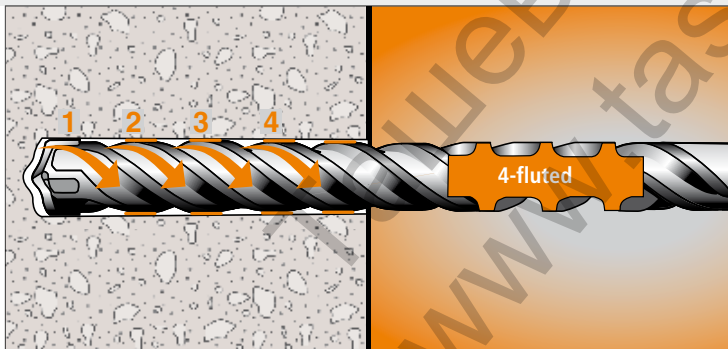


With the short head to flute entrance, it is capable of fast removal of drilling debris from the drill head into the flute. Additionally the maximal joining face between carbide and steel embeds the carbide tip optimally in the steel, compensating for impacts and torsional stress.

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.



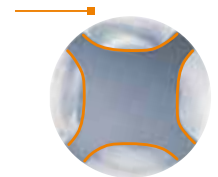
The use of high-quality alloy steel in combination with state of the art hardening and soldering techniques as well as specialized surface treatment produces a high quality, robust professional tool.



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 optimised flute core strength guarantees low-vibration drilling and high fracture resistance.



HAMMERING

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



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.



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

HAMMERING