

# 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.

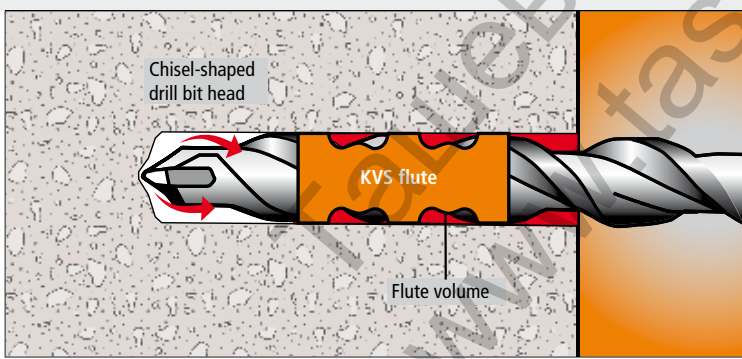



Chisel-shaped drill bit head with short flute entrances and large volume spiral flutes for fast penetration in the material. Fast drilling progress is automatically possible even with hard materials.





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

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



2420

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