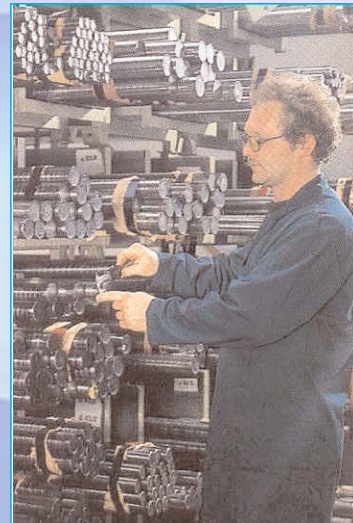


SUCCESS FACTOR 'QUALITY'

As one of the world's leading suppliers of carbide-tipped drilling tools, we make the quality of our products a top priority. This means uncompromisingly high quality standards at every stage of production, an objective which we pursue with great consistency and commitment.

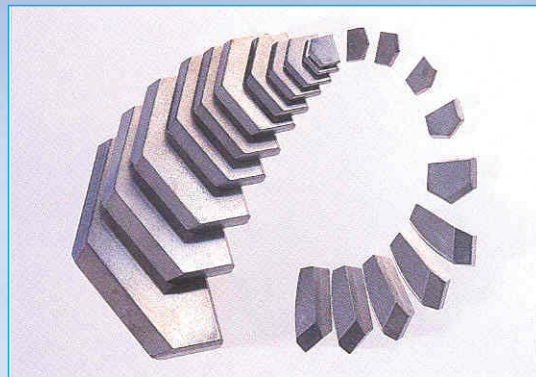
Selection of raw materials

Quality begins with the selection of raw materials. We only buy from selected suppliers certified according to DIN ISO 9001/2: the foundation for a top-quality finished product are laid right from the start.



Steel

We use extremely tough steel produced to our technical specifications, resulting in a level of quality well above the required standard. Each steel lot is inspected for dimensional tolerance and trueness. Material analysis, structural examination and heat treatment tests are conducted in our in-house laboratory.



Carbide

We use finely structured, wear-resistant carbide specially designed for masonry drill bits. Exact dimensional stability is essential for ensuring a precise fit in the slot. Here again, each lot is subjected to a comprehensive incoming inspection.



Brazing material

We use different solder formulas depending on the bit size. This know-how is unrivalled in the market and draws on years of experience, technical expertise and comprehensive test series. The flexible production process can be adapted to suit a range of specific product criteria, thus guaranteeing consistent, high-strength brazing results.

Masonry Drill Bits

On-the-job tests under extreme conditions have proven that the intelligent design of the new Würth rotary hammer drill Bit 4 PLUS sets new standards in terms of efficiency and performance.

Already after a short period of time this new product has proven itself millions of times over and has redefined the requirements of a professional rotary hammer drill bit.

Additionally, these new standards in drilling speed and life expectancy substantially reduce the drilling cost per hole.



For rotary hammers with SDS-plus or 2-slot bit reception.

For use in concrete, masonry and natural stone.

With its spacious KVS-flute and the unique and aggressive carbide tip design the Würth rotary hammer drill bit 4 PLUS sets new standards.

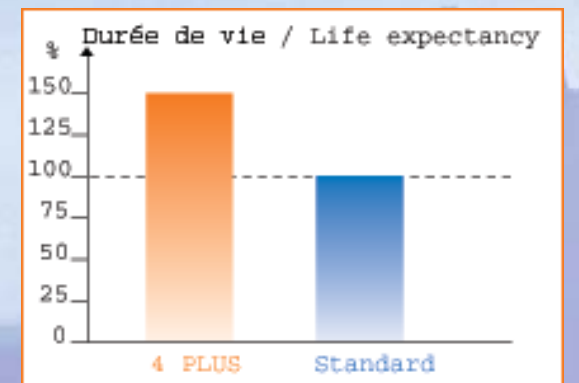
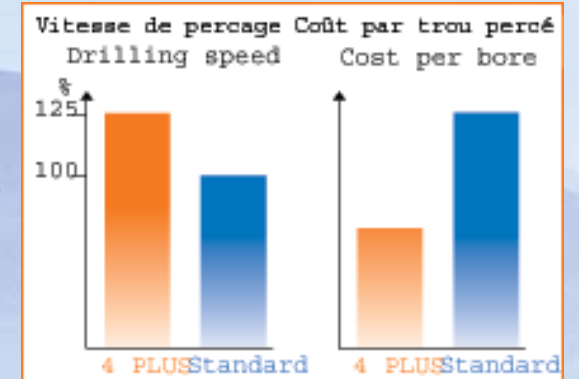
Modern thermal treatment and a special surface finish reduce the wear of the bit and improve its resistance against bending forces.

Continual research in brazing and heat-treating methods ensure safe brazing seams with maximum adhesion.

Our cleaning and rust protection processes meet strict environmental criteria and are friendly to the environment.

Suitable for rotary hammers of the 2 to 4 kg range.

When using drill bits longer than 18 inches (450 mm), it is recommended to predrill to a depth of at least 6 inches (150 mm).



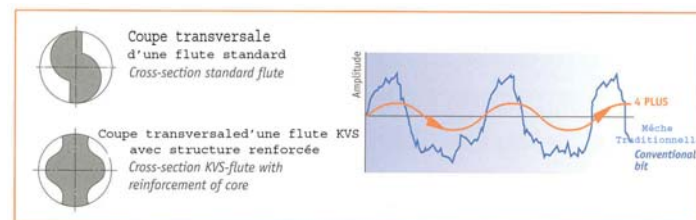
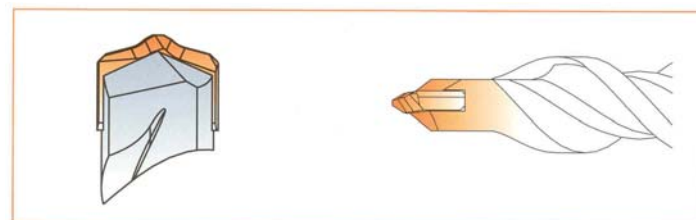


Rotary Hammer Drill Bit 4 Plus

For use in concrete, masonry and natural stone.

- The new fast and durable carbide tip provides - due to its new aggressive design - easy centering and fast drilling from the very start. Steel reinforcement no longer presents a problem.
- The dynamic, chisel-shaped drill bit head penetrates rapidly into the material and simultaneously feeds the drilling dust into the multifluted spiral.
- The **patented** spacious, multifluted **KVS-Spiral** quickly removes drilling dust from the hole, saving both time and money.
- The unique reinforced flute geometry (**KVS-flute**) reduces vibration and transfers more impact energy from the hammer to the drilling head, thus remarkably increasing drilling speed and life expectancy. Drilling is less strenuous for the operator and for the rotary hammer.
- Modern thermal treatment and a special surface finish reduce the wear of the bit and improve its resistance against bending forces.

Total Length	Working Length	Art. No.
1 x 18	1 x 16	648.116
1/2 x 12 1/4	1/2 x 10	648.1210
1/2 x 18	1/2 x 16	648.1216
1/2 x 6 1/4	1/2 x 4	648.124
1/2 x 10 1/4	1/2 x 8	648.128
1/4 x 14	1/4 x 12	648.1412
1/4 x 4 1/4	1/4 x 2	648.142
1/4 x 6 1/4	1/4 x 4	648.144
1/4 x 8 1/4	1/4 x 6	648.146
3/16 x 12	3/16 x 10	648.31610
3/16 x 4 1/4	3/16 x 2	648.3162
3/16 x 6 1/4	3/16 x 4	648.3164
3/16 x 8 1/4	3/16 x 6	648.3166
3/4 x 12	3/4 x 10	648.348
3/4 x 8	3/4 x 6	648.346
3/8 x 12 1/4	3/8 x 10	648.3810
3/8 x 18	3/8 x 16	648.3816
3/8 x 6 1/4	3/8 x 4	648.384
3/8 x 8 1/4	3/8 x 6	648.386
3/8 x 10 1/4	3/8 x 8	648.388
5/16 x 6 1/4	5/16 x 4	648.5164
5/32 x 4 1/4	5/32 x 2	648.5322
5/32 x 6 1/4	5/32 x 4	648.5324
5/8 x 12	5/8 x 10	648.5810
5/8 x 6 1/4	5/8 x 4	648.584
5/8 x 8	5/8 x 6	648.586
6 x 160	6 x 100	648.60.160
6.5 x 160	6.5 x 100	648.65.160
7/16 x 6 1/4	7/16 x 4	648.7164
7/32 x 6 1/4	7/32 x 4	648.7324
7/32 x 8 1/4	7/32 x 6	648.7326
7/8 x 8	7/8 x 6	648.786
5 Drill Bits Set	5 sizes	648.5



WURTH

QUALITY IS A FACTOR OF SUCCESS

WURTH