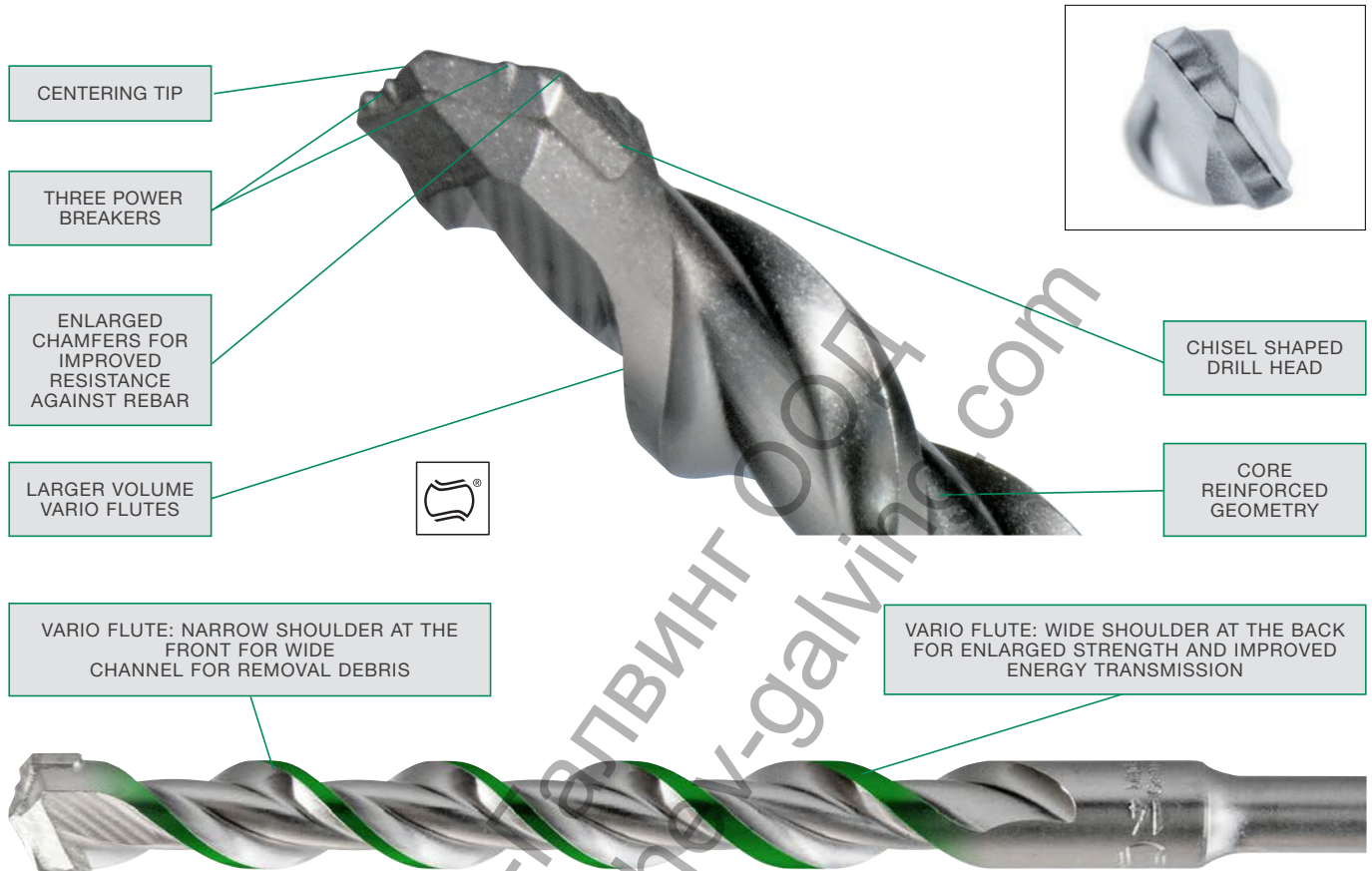


# PROLINE HAMMER DRILL BITS

## SDS-PLUS 2-CUTTER



### Next level drilling

SDS-Plus 2-cutter drill bits with double spiral satisfy to the highest quality standards and are designed for the professional end user. Hitachi brings the latest innovation with a newly developed drill bit which sets a new standard. They are tested under extreme conditions and have proven their quality in terms of efficiency and performance.

### Breaking concrete

The 2-cutter is formed by a central placed tungsten carbide plate that offers special features and benefits. A newly designed centering tip with smooth crossover to shoulder sections ensures immediate spot drilling and easy centering. Next to the carbide tip, three so called "power breakers" have been added. Now the impact power is transferred from the machine to smaller surfaces of concrete where the punctual power is much higher. The demolition effect creates micro cracks in the drilled

material, hence creating noticeably higher drilling speed.

### Transporting debris

After the concrete is broken, the drilling debris or dust has to be transported out of the hole. Due to the tapered shoulder of the vario flute, the front part of the drill bit has a high transportation capacity. Besides avoiding dust explosions or speed reduction occurred by clogged drill hole, the tapered shoulder also reduces the friction in the hole and improves drilling speed.

The back part of the drill is more sturdy and rigid, the backs are wider. First positive effect is the improved energy transfer for faster drilling. Secondly the chance of breakage is less. This special spiral also reduces vibration; drilling is less strenuous for both the operator and the rotary hammer.

### Encountering rebar

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 multi-groove spiral.

Since the rebar chamfers are enlarged with about 35% compared to the previous model, the side tip now is prevented against damage in case of hitting rebar. Also the likelihood of the bit getting jammed is reduced, especially on lateral hits.

### Speed and lifetime

All these technical improvements now lead to a cutting speed which is 12% higher than the previous SDS-Plus drill bits. Hitachi hammer drill bits:

"The new standard in performance"

SDS-PLUS TCT HAMMER DRILL BITS 2-CUTTER



| Ø (mm) | Total length (mm) | Useful length (mm) | PQ | MOQ | Item number | Barcode       |
|--------|-------------------|--------------------|----|-----|-------------|---------------|
| 4      | 110               | 50                 | 1  | 1   | 782401      | 8717574045116 |
| 4      | 160               | 100                | 1  | 1   | 782402      | 8717574045123 |
| 4,8    | 160               | 100                | 1  | 1   | 782403      | 8717574045130 |
| 5      | 110               | 50                 | 1  | 1   | 782404      | 8717574045147 |
| 5      | 140               | 80                 | 1  | 1   | 782405      | 8717574045154 |
| 5      | 160               | 100                | 1  | 1   | 782406      | 8717574045161 |
| 5      | 210               | 150                | 1  | 1   | 782407      | 8717574045178 |
| 5      | 260               | 150                | 1  | 1   | 782408      | 8717574045185 |
| 5      | 310               | 250                | 1  | 1   | 782409      | 8717574045192 |
| 5,5    | 110               | 50                 | 1  | 1   | 782410      | 8717574045208 |
| 5,5    | 160               | 100                | 1  | 1   | 782411      | 8717574045215 |
| 5,5    | 210               | 150                | 1  | 1   | 782412      | 8717574045222 |
| 5,5    | 260               | 200                | 1  | 1   | 782413      | 8717574045239 |
| 5,5    | 310               | 250                | 1  | 1   | 782414      | 8717574045246 |
| 6      | 110               | 50                 | 1  | 1   | 782415      | 8717574045253 |
| 6      | 160               | 100                | 1  | 1   | 782416      | 8717574045260 |
| 6      | 210               | 150                | 1  | 1   | 782417      | 8717574045277 |
| 6      | 260               | 200                | 1  | 1   | 782418      | 8717574045284 |
| 6      | 310               | 250                | 1  | 1   | 782419      | 8717574045291 |
| 6      | 410               | 350                | 1  | 1   | 782420      | 8717574045307 |
| 6      | 460               | 400                | 1  | 1   | 782421      | 8717574045314 |
| 6,5    | 110               | 50                 | 1  | 1   | 782422      | 8717574045321 |
| 6,5    | 160               | 100                | 1  | 1   | 782423      | 8717574045338 |
| 6,5    | 210               | 150                | 1  | 1   | 782424      | 8717574045345 |
| 6,5    | 260               | 200                | 1  | 1   | 782425      | 8717574045352 |
| 6,5    | 310               | 250                | 1  | 1   | 782426      | 8717574045369 |
| 6,5    | 400               | 340                | 1  | 1   | 782427      | 8717574045376 |
| 6,5    | 460               | 400                | 1  | 1   | 782428      | 8717574045383 |
| 7      | 110               | 50                 | 1  | 1   | 782429      | 8717574045390 |
| 7      | 160               | 100                | 1  | 1   | 782430      | 8717574045406 |
| 7      | 210               | 150                | 1  | 1   | 782431      | 8717574045413 |
| 8      | 110               | 50                 | 1  | 1   | 782432      | 8717574045420 |
| 8      | 160               | 100                | 1  | 1   | 782433      | 8717574045437 |
| 8      | 210               | 150                | 1  | 1   | 782434      | 8717574045444 |
| 8      | 260               | 200                | 1  | 1   | 782435      | 8717574045451 |
| 8      | 310               | 250                | 1  | 1   | 782436      | 8717574045468 |
| 8      | 400               | 340                | 1  | 1   | 782437      | 8717574045475 |
| 8      | 460               | 400                | 1  | 1   | 782438      | 8717574045482 |
| 8      | 600               | 550                | 1  | 1   | 782439      | 8717574045499 |
| 8      | 1000              | 950                | 1  | 1   | 782440      | 8717574045505 |
| 9      | 160               | 100                | 1  | 1   | 782441      | 8717574045512 |
| 9      | 210               | 150                | 1  | 1   | 782442      | 8717574045529 |
| 9,5    | 160               | 100                | 1  | 1   | 782443      | 8717574045536 |
| 10     | 110               | 50                 | 1  | 1   | 782444      | 8717574045543 |
| 10     | 160               | 100                | 1  | 1   | 782445      | 8717574045550 |
| 10     | 210               | 150                | 1  | 1   | 782446      | 8717574045567 |
| 10     | 260               | 200                | 1  | 1   | 782447      | 8717574045574 |
| 10     | 310               | 250                | 1  | 1   | 782448      | 8717574045581 |
| 10     | 350               | 300                | 1  | 1   | 782449      | 8717574045598 |
| 10     | 450               | 400                | 1  | 1   | 782450      | 8717574045604 |
| 10     | 600               | 550                | 1  | 1   | 782451      | 8717574045611 |
| 10     | 800               | 750                | 1  | 1   | 782452      | 8717574045628 |
| 10     | 1000              | 950                | 1  | 1   | 782453      | 8717574045635 |