



TCT Ultra 50 core bit with 3/4 in Weldon holder

The extra-durable HM ULTRA 50 is made for continuous use: carbide-tipped, extremely wear-resistant and heat-resistant up to 800°C.

Available in Ø 12–65 mm with 50 mm cutting depth.

Product number: 6 31 27 294 01 0



Details

- + Powerful performance: Drill even the hardest metals with ease – conical flute for optimum chip removal.
- + Durability: 350 holes = 7 m total service life. Determined under optimal conditions: Ø18 mm, S235 20 mm.
- + Cost efficiency: Double the service life and higher cutting speed compared to HSS core drills – reduces costs for large quantities.
- + For tough everyday workshop use: Optimum performance for economical drilling – more holes, fewer tool changes.
- + Precise work: Innovative 3-flute design ensures smooth, chatter-free cutting and accurate drilling results.
- + Experience since 1977: Decades of core drilling expertise – your advantage in practice.

Technical data

TECHNICAL DATA

Material	HM (carbide-tipped)
Vickers hardness (HV)	1 450 HV
Heat resistance	max. 800°C
Bore Ø	30 mm
Drill core Ø approx.	22 mm
Number of cutting edges	6
Total length	92.5 mm
Core drill holder	3/4 in Weldon
Inner bore Ø	6.35 mm
Cutting depth	50 mm

Suitable for the following tools

Universal

- | | | |
|--------------------|----------------------|-------------------|
| > KBM 50 U (110 V) | > KBU 35 QW (110 V) | > KBU 35 PQW |
| > KBM 65 U (110 V) | > KBU 35 MQW (110 V) | > AKBU 35 PMQW AS |

Endurance

- | | |
|---------------------------|-------------------|
| > KBE 36 MAGSPEED (110 V) | > KBE 36 MAGSPEED |
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Application examples

