



## 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.

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Product number: 6 31 27 278 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                  | 14 mm               |
| Drill core Ø approx.    | 7 mm                |
| Number of cutting edges | 4                   |
| 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 32
- > KBE 32 (110 V)
- > KBE 36 MAGSPEED (110 V)
- > KBE 36 MAGSPEED

## Application examples

