



# FEIN



## HM Ultra 50 core drill bit with QuickIN MAX/Weldon 32 fitting

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 50–110 mm with 50 mm cutting depth.

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Product number: 6 31 27 808 01 0

## Details

- + Powerful performance: Drill even the hardest metals with ease – conical flute for optimum chip removal.
- + Durability: 400 holes = 8 m total service life. Determined under optimum 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.
- + Accessories: 100 mm centring pin. Order number: 63134998310.

## Technical data

### TECHNICAL DATA

|                         |                         |
|-------------------------|-------------------------|
| Material                | HM (carbide-tipped)     |
| Vickers hardness (HV)   | 1 450 HV                |
| Heat resistance         | max. 800°C              |
| Bore Ø                  | 90 mm                   |
| Drill core Ø approx.    | 82,5 mm                 |
| Number of cutting edges | 12                      |
| Total length            | 101 mm                  |
| Core drill holder       | Weldon 32 (QuickIN MAX) |
| Inner bore Ø            | 6.35 mm                 |
| Cutting depth           | 50 mm                   |

## Application examples

