



Carbide annular cutter with 3/4 straight shank

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 27 319 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: Optimal 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 dia.	2-3/16 [55] in[mm]
Drill core Ø approx.	1-7/8 [47] in[mm]
Number of cutting edges	9
Overall length	3-3/4 [92.5] in[mm]
Cutter holder	3/4" straight shank
Inner bore Ø	1/4 [6.35] in[mm]
Cutting depth	2 [50] in[mm]

Application examples



FEIN

