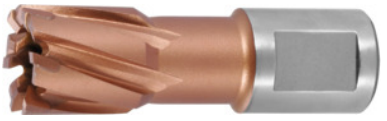
Garant

Carbide core drill Depth of cut 30 mm, TiAlN, ∅ DC: 19mm



Order data

Order number	118780 19
GTIN	4045197514653
Item class	11F

Description

Version:
Suitable for all popular magnetic core drilling machines. Very good cutting properties due to optimised cutting edge geometry. Easy to regrind. With Weldon shank - ∅ **19 mm.**
Carbide with special TiAlN coating – long tool life and outstanding cutting performance.
Application:
On mobile magnetic drilling machines or stationary pillar drilling machines to produce large holes in steel construction. The core drill cuts only a thin material ring. The drilled core is ejected by a spring loaded ejector pin.
Supplied with:
Without ejector pin.
Note:
For the lubrication of core drills, we recommend high performance cutting oil (see No. 084210).

Technical description

Nominal ∅ D_C	19 mm
Shank ∅	19 mm
Cutting depth	30 mm
Coating	TiAlN
Tool material	Carbide
Standard	Manufacturer's standard
Shank	Weldon shank

Colour ring	without
Type of product	Core drill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable	80 m/min	N
Alu > 10% Si	suitable	75 m/min	N
Steel < 500 N/mm²	suitable	50 m/min	P
Steel < 750 N/mm²	suitable	45 m/min	P
Steel < 900 N/mm²	suitable	35 m/min	P
Steel < 1100 N/mm²	suitable	20 m/min	P
INOX < 900 N/mm²	suitable	25 m/min	M
INOX > 900 N/mm²	suitable	20 m/min	M
GG	suitable	20 m/min	K
GGG	suitable	15 m/min	K
Uni	suitable		
Oil	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		