

Garant
**GARANT Master Steel solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D
S: 12 mm**

Order data

Order number	207242 12
GTIN	4062406285050
Item class	11X

Description
Version:
Precision ground for very high accuracy requirements.

Tolerance: Radius contour = ± 0.005 mm.

Improved cutting edge protection thanks to slight edge honing. Tremendous bending strength due to the use of ultra-fine grain substrate.

No. of teeth Z: 2

Helix angle: 28 degrees

No. of teeth Z: 2

Flute length L_c : 16 mm

Overall length L: 73 mm

Shank Ø D_s : 12 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.1 mm

Feed f_z for copy milling in steel < 900 N/mm²: 0.12 mm

Technical description

No. of teeth Z	2
Cutting edge Ø D_c	12 mm
Overall length L	73 mm
Shank Ø D_s	12 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.1 mm
Helix angle	28 degrees

Flute length L_c	16 mm
Feed f_z for copy milling in steel < 900 N/mm ²	0.12 mm
Radius R	6 mm
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal Ø	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Cutting width a_e for milling operation	0.03xD for copy milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill