

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

Order data

Order number	207244 12
GTIN	4062406285227
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: 100 mm

Shank $\varnothing D_s$: 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

Cutting edge $\varnothing D_c$	12 mm
Shank $\varnothing D_s$	12 mm
Flute length L_c	16 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.1 mm
Feed f_z for copy milling in steel < 900 N/mm ²	0.12 mm
Helix angle	28 degrees
Overall length L	100 mm

No. of teeth Z	2
Radius R	6 mm
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.5×D for side milling
Cutting width a_e for milling operation	0.03×D for copy milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill