

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

Order data

Order number	207246 12
GTIN	4062406285302
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: 150 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

Feed f_z for copy milling in steel < 900 N/mm ²	0.12 mm
Overall length L	150 mm
Helix angle	28 degrees
Cutting edge $\varnothing D_c$	12 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.1 mm
Shank $\varnothing D_s$	12 mm
No. of teeth Z	2

Flute length L_c	16 mm
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	$0.5 \times D$ for side milling
Cutting width a_e for milling operation	$0.03 \times D$ for copy milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill