

Garant

GARANT Master Steel solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D S: 0,5/6 mm



Order data

Order number	207242 0,5/6
GTIN	4062406284763
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 : 1.5 mm

Overall length L: 54 mm

Shank $\varnothing D_s$: 6 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.008 mm

Feed f_z for copy milling in steel < 900 N/mm²: 0.01 mm

Technical description

Helix angle	28 degrees
Overall length L	54 mm
Cutting edge $\varnothing D_c$	0.5 mm
Feed f_z for copy milling in steel < 900 N/mm ²	0.01 mm
Flute length L_c	1.5 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.008 mm

Shank $\varnothing D_s$	6 mm
No. of teeth Z	2
Radius R	0.25 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	Full slot cutting depth $1 \times D$
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