

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

Order data

Order number	207242 0,5
GTIN	4062406284756
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 mm

Overall length L: 38 mm

Shank Ø D_s : 3 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

Shank Ø D_s	3 mm
Helix angle	28 degrees
Feed f_z for side milling in steel < 900 N/mm ²	0.008 mm
Feed f_z for copy milling in steel < 900 N/mm ²	0.01 mm
Cutting edge Ø D_c	0.5 mm
No. of teeth Z	2

Overall length L	38 mm
Flute length L _c	1 mm
Radius R	0.25 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 1×D
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