

Garant
**GARANT Master Steel solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D
S: 1,1 mm**

Order data

Order number	207242 1,1
GTIN	4062406284831
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 : 2 mm

Overall length L: 50 mm

Shank Ø D_s : 3 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.012 mm

Feed f_z for copy milling in steel < 900 N/mm²: 0.015 mm

Technical description

Shank Ø D_s	3 mm
Feed f_z for copy milling in steel < 900 N/mm ²	0.015 mm
Cutting edge Ø D_c	1.1 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.012 mm
Flute length L_c	2 mm
Overall length L	50 mm

Helix angle	28 degrees
No. of teeth Z	2
Radius R	0.55 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 $1 \times D$
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