Garant

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

Order data

Order number	207246 5
GTIN	4062406285265
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: 9 mm
Overall length L: 100 mm
Shank ∅ D_s: 5 mm
Feed f_z for side milling in steel < 900 N/mm^2: 0.04 mm
Feed f_z for copy milling in steel < 900 N/mm^2: 0.06 mm

Technical description

Helix angle	28 degrees
Feed f_z for copy milling in steel < 900 N/mm^2	0.06 mm
Flute length L_c	9 mm
Shank ∅ D_s	5 mm
Feed f_z for side milling in steel < 900 N/mm^2	0.04 mm
No. of teeth Z	2
Overall length L	100 mm

Cutting edge ∅ D_c	5 mm
Radius R	2.5 mm
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal ∅	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