Garant

GARANT Master Steel solid carbide ball nose slot drill HPC, TiAlN, ∅ f8 DC / D S: 16 mm

Order data

Order number	207244 16
GTIN	4062406285234
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: 22 mm
Overall length L: 150 mm
Shank ∅ D_s: 16 mm
Feed f_z for side milling in steel < 900 N/mm^2: 0.12 mm
Feed f_z for copy milling in steel < 900 N/mm^2: 0.15 mm

Technical description

Feed f_z for copy milling in steel < 900 N/mm^2	0.15 mm
Cutting edge ∅ D_C	16 mm
Feed f_z for side milling in steel < 900 N/mm^2	0.12 mm
Helix angle	28 degrees
No. of teeth Z	2
Flute length L_c	22 mm
Shank ∅ D_s	16 mm

Overall length L	150 mm
Radius R	8 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