

Garant
GARANT Master Steel solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC: 8 mm

Order data

Order number	207492 8
GTIN	4062406285463
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: 4

Helix angle: 30 degrees

No. of teeth Z: 4

Flute length L_c : 12 mm

Overhang length L_1 incl. recess: 27 mm

Recess Ø D_1 : 7.8 mm

Overall length L: 100 mm

Shank Ø D_s : 8 mm

Technical description

Overall length L	100 mm
Recess Ø D_1	7.8 mm
Shank Ø D_s	8 mm
Feed f_z for copy milling in steel < 900 N/mm ²	0.065 mm
Helix angle	30 degrees
Feed f_z for side milling in steel < 900 N/mm ²	0.06 mm
Cutting edge Ø D_c	8 mm

Overhang length L_1 incl. recess	27 mm
No. of teeth Z	4
Flute length L_c	12 mm
Radius R	4 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	$0.03 \times D$ for copy milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill