

Garant
GARANT Master Steel solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC: 3 mm

Order data

Order number	207492 3
GTIN	4062406285425
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 : 5 mm

 Overhang length L_1 incl. recess: 16 mm

 Recess $\varnothing D_1$: 2.8 mm

Overall length L: 75 mm

 Shank $\varnothing D_s$: 4 mm

Technical description

No. of teeth Z	4
Shank $\varnothing D_s$	4 mm
Helix angle	30 degrees
Flute length L_c	5 mm
Cutting edge $\varnothing D_c$	3 mm
Overhang length L_1 incl. recess	16 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.02 mm

Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$	0.025 mm
Recess $\varnothing D_1$	2.8 mm
Overall length L	75 mm
Radius R	1.5 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