

Garant
**GARANT Master Steel solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D
S: 4/6 mm**

Order data

Order number	207244 4/6
GTIN	4062406285166
Item class	11X

Description
Version:
Precision ground for very high accuracy requirements.

Tolerance: Radius contour = $\pm 0.005 \text{ mm}$.

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 : 8 mm

Overall length L: 80 mm

Shank Ø D_s : 6 mm

Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$: 0.04 mm

Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$: 0.06 mm

Technical description

Flute length L_c	8 mm
Helix angle	28 degrees
Cutting edge Ø D_c	4 mm
Overall length L	80 mm
Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$	0.06 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.04 mm
Shank Ø D_s	6 mm

No. of teeth Z	2
Radius R	2 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	$0.5 \times D$ for side milling
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