

Garant
Solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D S: 1/6 mm

Order data

Order number	207280 1/6
GTIN	4045197127426
Item class	11X

Description
Version:
Precision ground for very high accuracy requirements.

Tolerance: Radius contour = ± 0.005 mm.

Note:
Recommended successor product is No. 207244.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c : 2 mm

Overall length L: 80 mm

Shank Ø D_s : 6 mm

Feed f_z for side milling in steel < 1100 N/mm²: 0.006 mm

Feed f_z for copy milling in steel < 1100 N/mm²: 0.007 mm

Technical description

Cutting edge Ø D_c	1 mm
Feed f_z for side milling in steel < 1100 N/mm ²	0.006 mm
Feed f_z for copy milling in steel < 1100 N/mm ²	0.007 mm
No. of teeth Z	2
Shank Ø D_s	6 mm
Overall length L	80 mm
Flute length L_c	2 mm

Correction factor for v_c	1.25
Helix angle	30 degrees
Radius R	0.5 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Tolerance nominal \varnothing	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	without
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
------------------------	-----------