

Garant
Solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D S: 4/6 mm

Order data

Order number	207240 4/6
GTIN	4045197127136
Item class	11X

Description
Version:

Precision ground for very high accuracy requirements.

Tolerance: Radius contour = ± 0.005 mm.

Note:

Recommended successor product is No. 207242.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c : 8 mm

Overall length L: 54 mm

Shank $\varnothing D_s$: 6 mm

Feed f_z for side milling in steel < 1100 N/mm²: 0.032 mm

Feed f_z for copy milling in steel < 1100 N/mm²: 0.037 mm

Technical description

Cutting edge $\varnothing D_c$	4 mm
No. of teeth Z	2
Feed f_z for side milling in steel < 1100 N/mm ²	0.032 mm
Feed f_z for copy milling in steel < 1100 N/mm ²	0.037 mm
Shank $\varnothing D_s$	6 mm
Overall length L	54 mm
Flute length L_c	8 mm

Correction factor for v_c	1.25
Helix angle	30 degrees
Radius R	2 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
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