

Garant
Diabolo solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / DS: 4/6 mm

Order data

Order number	207342 4/6
GTIN	4045197599780
Item class	11X

Description
Version:
GARANT Diabolo:

Special geometry, coating and carbide for hard machining.

Tolerance: Radius contour = ± 0.005 mm.

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 < 65 HRC: 0.019 mm

Feed f_z for copy milling in steel < 65 HRC: 0.019 mm

Technical description

Cutting edge $\varnothing D_c$	4 mm
Feed f_z for side milling in steel < 65 HRC	0.019 mm
Feed f_z for copy milling in steel < 65 HRC	0.019 mm
No. of teeth Z	2
Shank $\varnothing D_s$	6 mm
Overall length L	54 mm
Flute length L_c	8 mm
Helix angle	30 degrees

Radius R	2 mm
Series	Diabolo
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	0.2×D for side milling
Cutting width a_e for milling operation	0.05×D for copy milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	red
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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