

Garant

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



Order data

Order number	207477 4/6
GTIN	4045197455444
Item class	11X

Description

Version:

Special geometry and **coating** for machining **stainless and acid-resistant steels**. 4 end faces up to the centre. Therefore can be used as a true **4-edge drill** at all depths of cut.

Tolerance: Radius contour = ± 0.005 mm.

Note:

New generation available! Successor product is No. 207473.

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

Flute length L_c : 8 mm

Overall length L: 54 mm

Shank $\varnothing D_s$: 6 mm

Feed f_z for side milling in INOX < 900 N/mm²: 0.012 mm

Feed f_z for copy milling in stainless steel < 900 N/mm²: 0.013 mm

Technical description

Feed f_z for copy milling in stainless steel < 900 N/mm ²	0.013 mm
No. of teeth Z	4
Feed f_z for side milling in INOX < 900 N/mm ²	0.012 mm
Cutting edge $\varnothing D_c$	4 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	45 degrees
Radius R	2 mm
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	0.05×D for copy milling
Cutting width a_e for milling operation	0.5×D for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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