

Garant
GARANT Master INOX solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / DS: 5/6 mm

Order data

Order number	207473 5/6
GTIN	4062406130329
Item class	11X

Description
Version:

HPC milling cutters with **newly developed high-performance coating** for **outstanding service life** and **optimum metal removal rates** in a wide range of stainless steels.

Greater oxidation resistance and **high-temperature hardness**.

Can be used at **high cutting speeds**, particularly suitable even for TOOLOX®.

Tolerance: Radius contour = ± 0.005 mm.

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

Flute length L_c : 9 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 side milling in INOX < 900 N/mm ²	0.012 mm
Shank $\varnothing D_s$	6 mm
Overall length L	54 mm
Flute length L_c	9 mm
Cutting edge $\varnothing D_c$	5 mm

Correction factor for v_c	1.25
No. of teeth Z	4
Feed f_z for copy milling in stainless steel < 900 N/mm ²	0.013 mm
Helix angle	45 degrees
Radius R	2.5 mm
Series	GARANT Master INOX
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	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	$0.05 \times D$ 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
------------------------	-----------