

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

Order data

Order number	207473 4/6
GTIN	4062406130305
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: 8 mm

Overall length L: 54 mm

Shank Ø 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

Shank Ø D _s	6 mm
Correction factor for v _c	1.25
Feed f _z for copy milling in stainless steel < 900 N/mm ²	0.013 mm
No. of teeth Z	4
Helix angle	45 degrees

Feed f_z for side milling in INOX < 900 N/mm ²	0.012 mm
Overall length L	54 mm
Flute length L_c	8 mm
Cutting edge $\varnothing D_c$	4 mm
Radius R	2 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
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