

Garant
GARANT Master INOX solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / DS: 20 mm

Order data

Order number	207473 20
GTIN	4062406130381
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 : 26 mm

Overall length L: 92 mm

Shank Ø D_s : 20 mm

Feed f_z for side milling in INOX < 900 N/mm²: 0.075 mm

Feed f_z for copy milling in stainless steel < 900 N/mm²: 0.084 mm

Technical description

Overall length L	92 mm
No. of teeth Z	4
Flute length L_c	26 mm
Feed f_z for side milling in INOX < 900 N/mm ²	0.075 mm
Feed f_z for copy milling in stainless steel < 900 N/mm ²	0.084 mm

Helix angle	45 degrees
Cutting edge $\varnothing D_c$	20 mm
Shank $\varnothing D_s$	20 mm
Radius R	10 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 clamping flats for shrink-fit chucks, with retainer function Shank $\varnothing$ tool 20 mm	SZ2025 20
Shank recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB