Hoffmann Group

Garant

GARANT Master INOX solid carbide torus cutter HPC DIN 6535 HB, TiAlN, Ø DC / R1: 8/0,5 mm

Order data

Order number	206347 8/0,5
GTIN	4045197852403
Item class	11X

Description

Version:
Dimensions similar to DIN 6527.
HPC milling cutter with **newly developed high-performance coating.**
For **outstanding tool life** and **optimum metal removal rate** in a very wide range of stainless steels.
Can be used at **high cutting speeds**, particularly suitable even for TOOLOX®.
Advantage:
Greater oxidation resistance and high-temperature hardness.
No. of teeth Z: 4
Helix angle: 40 degrees
Shank: DIN 6535 HB to h6
No. of teeth Z: 4
Flute length L_c: 16 mm
Corner radius R_1: 0.5 mm
Overhang length L_1 incl. recess: 27 mm
Recess Ø D_1: 7.5 mm
Overall length L: 63 mm

Technical description

Flute length L_c	16 mm
Overhang length L_1 incl. recess	27 mm
Corner radius R_1	0.5 mm
Cutting edge Ø D_c	8 mm

Recess Ø D_1	7.5 mm
No. of teeth Z	4
Shank	DIN 6535 HB to h6
Overall length L	63 mm
Feed f_z for side milling in INOX > 900 N/mm^2	0.04 mm
Shank Ø D_s	8 mm
Feed f_z for copy milling in stainless steel > 900 N/mm^2	0.048 mm
Helix angle	40 degrees
Series	GARANT Master INOX
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal Ø	h10
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.3×D for side milling
Cutting width a_e for milling operation	0.05×D for copy milling
Through-coolant	no
Machining strategy	HPC
Shank tolerance	h6
Colour ring	blue
Type of product	End mill