

Garant
GARANT Master INOX solid carbide milling cutter HPC, TiAlN, Ø h10 DC: 7 mm

Order data

Order number	202387 7
GTIN	4045197875204
Item class	11X

Description
Version:

Dimensions similar to **DIN 6527**.

For roughing and finishing

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 nominal Ø: h10

No. of teeth Z: 3

Helix angle: 40 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length L_c : 19 mm

Overhang length L_1 incl. recess: 25 mm

Recess Ø D_1 : 6.8 mm

Overall length L: 63 mm

Shank Ø D_s : 8 mm

Technical description

Shank	DIN 6535 HB to h6
No. of teeth Z	3
Overall length L	63 mm
Shank Ø D_s	8 mm

Flute length L_c	19 mm
Corner chamfer width at 45°	0.1 mm
Recess $\varnothing D_1$	6.8 mm
Overhang length L_1 incl. recess	25 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in INOX > 900 N/mm ²	0.048 mm
Cutting edge $\varnothing D_c$	7 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.04 mm
Tolerance nominal \varnothing	h10
Helix angle	40 degrees
Corner chamfer angle	45 degrees
Series	GARANT Master INOX
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Cutting width a_e for milling operation	0.5×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill