

Garant
GARANT Master INOX solid carbide milling cutter HPC, TiAlN, Ø h10 DC: 1 mm

Order data

Order number	202387 1
GTIN	4045197873590
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 : 2.5 mm

Overhang length L_1 incl. recess: 5 mm

Recess Ø D_1 : 0.9 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

Shank Ø D_s	6 mm
Overall length L	57 mm
Flute length L_c	2.5 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.012 mm

Cutting edge $\varnothing D_c$	1 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
No. of teeth Z	3
Recess $\varnothing D_1$	0.9 mm
Corner chamfer width at 45°	0.05 mm
Tolerance nominal \varnothing	h10
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.01 mm
Overhang length L_1 incl. recess	5 mm
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