

Garant
GARANT Master INOX solid carbide milling cutter HPC, TiAlN, Ø h10 DC: 9 mm

Order data

Order number	202387 9
GTIN	4045197875235
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 : 22 mm

Overhang length L_1 incl. recess: 30 mm

Recess Ø D_1 : 8.7 mm

Overall length L: 72 mm

Shank Ø D_s : 10 mm

Technical description

No. of teeth Z	3
Corner chamfer width at 45°	0.1 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6

Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.06 mm
Recess $\varnothing D_1$	8.7 mm
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.072 mm
Cutting edge $\varnothing D_c$	9 mm
Overhang length L_1 incl. recess	30 mm
Tolerance nominal \varnothing	h10
Shank $\varnothing D_s$	10 mm
Flute length L_c	22 mm
Overall length L	72 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 $1 \times D$
Cutting width a_e for milling operation	$0.5 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill