

Garant

GARANT Master INOX M solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 3 mm



Order data

Order number	202986 3
GTIN	4062406242275
Item class	11X

Description

Version:

Milling cutter with newly **developed high-performance coating** for **outstanding tool working life** and **optimum metal removal rates** in a wide range of stainless steels. Can be used at high **cutting speeds**, e.g. in duplex steels.

Note:

Successor product to No. 202993.

Tolerance nominal Ø: e8

No. of teeth Z: 4

Helix angle: 42 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 5 mm

Overall length L: 50 mm

Shank Ø D_s : 6 mm

Corner rounding r_v : 0.1 mm

Feed f_z for slot milling in stainless steel > 900 N/mm²: 0.02 mm

Technical description

Feed f_z for side milling in INOX > 900 N/mm ²	0.03 mm
Overall length L	50 mm
No. of teeth Z	4

Tolerance nominal \varnothing	e8
Direction of infeed	horizontal, oblique and vertical
Shank $\varnothing D_s$	6 mm
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.02 mm
Cutting edge $\varnothing D_c$	3 mm
Shank	DIN 6535 HB to h6
Helix angle	42 degrees
Flute length L_c	5 mm
Corner rounding r_v	0.1 mm
Series	GARANT Master INOX
Coating	TiAlN
Tool material	solid carbide
Standard	Manufacturer's standard
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	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill