

Garant
GARANT Master INOX M solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 8 mm

Order data

Order number	202986 8
GTIN	4062406242312
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 : 12 mm

Overhang length L_1 incl. recess: 20 mm

Recess Ø D_1 : 7.7 mm

Overall length L: 58 mm

Shank Ø D_s : 8 mm

Technical description

Overall length L	58 mm
Shank Ø D_s	8 mm
No. of teeth Z	4
Helix angle	42 degrees

Tolerance nominal \varnothing	e8
Cutting edge $\varnothing D_c$	8 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in INOX > 900 N/mm ²	0.07 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.06 mm
Shank	DIN 6535 HB to h6
Recess $\varnothing D_1$	7.7 mm
Overhang length L_1 incl. recess	20 mm
Flute length L_c	12 mm
Corner rounding r_v	0.15 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 1xD
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill