

Garant
GARANT Master INOX M solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 10 mm

Order data

Order number	202986 10
GTIN	4062406242329
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 : 14 mm

Overhang length L_1 incl. recess: 24 mm

Recess Ø D_1 : 9.7 mm

Overall length L: 66 mm

Shank Ø D_s : 10 mm

Technical description

No. of teeth Z	4
Recess Ø D_1	9.7 mm
Shank	DIN 6535 HB to h6
Cutting edge Ø D_c	10 mm

Tolerance nominal \varnothing	e8
Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in INOX > 900 N/mm ²	0.08 mm
Helix angle	42 degrees
Flute length L_c	14 mm
Overall length L	66 mm
Shank $\varnothing D_s$	10 mm
Overhang length L_1 incl. recess	24 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.07 mm
Corner rounding r_v	0.2 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