

Garant
Solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 5 mm

Order data

Order number	203003 5
GTIN	4045197643902
Item class	11X

Description
Version:

With corner radii similar to torus cutters.
 Tolerance nominal Ø: e8
 No. of teeth Z: 4
 Helix angle: 38 degrees
 Direction of infeed: horizontal, oblique and vertical
 Shank: DIN 6535 HB to h6
 No. of teeth Z: 4
 Flute length L_c : 13 mm
 Overhang length L_1 incl. recess: 18 mm
 Recess Ø D_1 : 4.8 mm
 Overall length L: 57 mm
 Shank Ø D_s : 6 mm

Technical description

Recess Ø D_1	4.8 mm
Overhang length L_1 incl. recess	18 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.03 mm
Cutting edge Ø D_c	5 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.025 mm
No. of teeth Z	4
Shank Ø D_s	6 mm

Overall length L	57 mm
Flute length L _c	13 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	e8
Helix angle	38 degrees
Corner rounding r _v	0.2 mm
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	0.3×D for side milling
Cutting width a _e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill