

Garant
Solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 6 mm

Order data

Order number	203003 6
GTIN	4045197643919
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 : 5.8 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.025 mm
Overhang length L_1 incl. recess	18 mm
Cutting edge Ø D_c	6 mm
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.04 mm
No. of teeth Z	4
Recess Ø D_1	5.8 mm
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

Services

Shank recess Type FRST	209900 FRST
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