

Garant

Solid carbide milling cutter with internal coolant supply HPC, TiAlN, Ø d11 DC: 6 mm



Order data

Order number	203016 6
GTIN	4045197551078
Item class	11X

Description

Version:

With **internal coolant supply** for reliable swarf evacuation.

Note:

NEW GENERATION AVAILABLE! Recommended successor product is No. 202999.

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

Balance quality with shank: G 2.5 with HB

No. of teeth Z: 4

Flute length L_c : 13 mm

Overhang length L_1 incl. recess: 19 mm

Recess Ø D_1 : 5.8 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

Corner chamfer width at 45°	0.1 mm
Recess Ø D_1	5.8 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.025 mm
Cutting edge Ø D_c	6 mm
Overhang length L_1 incl. recess	19 mm

Feed f_z for side milling in INOX > 900 N/mm ²	0.03 mm
No. of teeth Z	4
Shank $\varnothing D_s$	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 \varnothing	e8
Balance quality with shank	G 2.5 with HB
Helix angle	38 degrees
Corner chamfer angle	45 degrees
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	yes
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
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