

Garant
Solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 10 mm

Order data

Order number	203003 10
GTIN	4045197643933
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 : 22 mm

Overhang length L_1 incl. recess: 32 mm

Recess Ø D_1 : 9.7 mm

Overall length L: 72 mm

Shank Ø D_s : 10 mm

Technical description

Cutting edge Ø D_c	10 mm
Recess Ø D_1	9.7 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.04 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.06 mm
No. of teeth Z	4
Overhang length L_1 incl. recess	32 mm
Shank Ø D_s	10 mm

Overall length L	72 mm
Flute length L _c	22 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	0.25 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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