

Garant
Solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 12 mm

Order data

Order number	203003 12
GTIN	4045197643940
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 : 26 mm

Overhang length L_1 incl. recess: 36 mm

Recess Ø D_1 : 11.6 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Technical description

No. of teeth Z	4
Feed f_z for side milling in INOX > 900 N/mm ²	0.065 mm
Recess Ø D_1	11.6 mm
Cutting edge Ø D_c	12 mm
Overhang length L_1 incl. recess	36 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.04 mm
Shank Ø D_s	12 mm

Overall length L	83 mm
Flute length L _c	26 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	0.3 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
Shank clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 12 mm	SZ2025 12