

Garant
Solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 20 mm

Order data

Order number	203003 20
GTIN	4045197643964
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 : 38 mm
 Overhang length L_1 incl. recess: 48 mm
 Recess Ø D_1 : 19.5 mm
 Overall length L: 104 mm
 Shank Ø D_s : 20 mm

Technical description

Feed f_z for side milling in INOX > 900 N/mm ²	0.1 mm
Overhang length L_1 incl. recess	48 mm
Recess Ø D_1	19.5 mm
Cutting edge Ø D_c	20 mm
No. of teeth Z	4
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.07 mm
Shank Ø D_s	20 mm

Overall length L	104 mm
Flute length L _c	38 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	0.4 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 20 mm	SZ2025 20