


Solid carbide milling cutter HPC, TiSi, Ø f8 DC: 20 mm

Order data

Order number	203014 20
GTIN	4045197551047
Item class	12X

Description
Version:
Special TiSi coating.
Note:
NEW GENERATION AVAILABLE!
Recommended successor products are No. 203013, 203015, 203021, 203027.

Tolerance nominal Ø: f8

No. of teeth Z: 4

Helix angle: 35 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 41 mm

Overhang length L_1 incl. recess: 52 mm

Recess Ø D_1 : 19.5 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Technical description

Overhang length L_1 incl. recess	52 mm
Recess Ø D_1	19.5 mm
Cutting edge Ø D_c	20 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.08 mm
No. of teeth Z	4

Corner chamfer width at 45°	0.3 mm
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.07 mm
Shank $\varnothing D_s$	20 mm
Overall length L	104 mm
Flute length L_c	41 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	f8
Helix angle	35 degrees
Corner chamfer angle	45 degrees
Coating	TiSi
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
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 \varnothing tool 20 mm	SZ2025 20