



## Solid carbide milling cutter with internal coolant supply HPC, TiSi, Ø f8 DC: 20 mm



### Order data

Order number	203017 20
GTIN	4045197591579
Item class	12X

### Description

#### Version:

#### Special TiSi coating.

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

#### 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

Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.08 mm
Cutting edge Ø $D_c$	20 mm
Corner chamfer width at 45°	0.3 mm
Recess Ø $D_1$	19.5 mm

Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.07 mm
No. of teeth Z	4
Overhang length $L_1$ incl. recess	52 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	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	0.3xD for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
Through-coolant	yes
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

