


**Solid carbide milling cutter HPC, TiSi, Ø f8 DC: 16 mm**

**Order data**

Order number	202995 16
GTIN	4045197494085
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  $L_c$ : 22 mm

Overall length L: 82 mm

Shank Ø  $D_s$ : 16 mm

Corner chamfer width at 45°: 0.3 mm

Feed  $f_z$  for slot milling in stainless steel > 900 N/mm<sup>2</sup>: 0.05 mm

**Technical description**

Cutting edge Ø $D_c$	16 mm
No. of teeth Z	4
Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.055 mm
Feed $f_z$ for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.05 mm
Corner chamfer width at 45°	0.3 mm

Shank $\varnothing D_s$	16 mm
Overall length L	82 mm
Flute length $L_c$	22 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	0.5xD for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
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 16 mm	SZ2025 16