



## Solid carbide milling cutter HPC, TiSi, Ø f8 DC: 12M mm



### Order data

Order number	203014 12M
GTIN	4045197655233
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  $L_c$ : 36 mm

Overhang length  $L_1$  incl. recess: 46 mm

Recess Ø  $D_1$ : 11.6 mm

Overall length L: 93 mm

Shank Ø  $D_s$ : 12 mm

### Technical description

Cutting edge Ø $D_c$	12 mm
Feed $f_z$ for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.04 mm
Overhang length $L_1$ incl. recess	46 mm
Recess Ø $D_1$	11.6 mm
No. of teeth Z	4

Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.05 mm
Corner chamfer width at 45°	0.3 mm
Shank $\varnothing D_s$	12 mm
Overall length L	93 mm
Flute length $L_c$	36 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×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 $\varnothing$ tool 12 mm	SZ2025 12