


**Solid carbide milling cutter HPC, TiSi, Ø f8 DC: 6 mm**

**Order data**

Order number	203014 6
GTIN	4045197550996
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  $L_c$ : 13 mm

Overhang length  $L_1$  incl. recess: 19 mm

Recess Ø  $D_1$ : 5.8 mm

Overall length L: 57 mm

Shank Ø  $D_s$ : 6 mm

**Technical description**

Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.025 mm
Corner chamfer width at $45^\circ$	0.1 mm
No. of teeth Z	4
Feed $f_z$ for side milling in INOX $> 900 \text{ N/mm}^2$	0.03 mm
Overhang length $L_1$ incl. recess	19 mm

Cutting edge $\varnothing D_c$	6 mm
Recess $\varnothing D_1$	5.8 mm
Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length $L_c$	13 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
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