



Solid carbide milling cutter HPC, TiSi, Ø f8 DC: 18 mm



Order data

Order number	203014 18
GTIN	4045197746580
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: 42 mm

Recess Ø D_1 : 17.5 mm

Overall length L: 104 mm

Shank Ø D_s : 18 mm

Technical description

No. of teeth Z	4
Direction of infeed	horizontal, oblique and vertical
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.07 mm
Overhang length L_1 incl. recess	42 mm
Flute length L_c	36 mm

Overall length L	104 mm
Shank	DIN 6535 HB to h6
Feed f_z for side milling in INOX > 900 N/mm ²	0.08 mm
Cutting edge $\varnothing D_c$	18 mm
Corner chamfer width at 45°	0.3 mm
Recess $\varnothing D_1$	17.5 mm
Shank $\varnothing D_s$	18 mm
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