


Solid carbide milling cutter HPC, TiSi, Ø f8 DC: 5mm

Order data

Order number	GG1014 5
GTIN	4045197735584
Item class	GGN

Description

Version:
Special TiSi coating.
Same as No. 203014.

Technical description

Cutting edge Ø D _c	5 mm
Overall length L	57 mm
Corner chamfer width at 45°	0.1 mm
No. of teeth Z	4
Shank	DIN 6535 HB to h6
Flute length L _c	13 mm
Feed f _z for side milling in INOX > 900 N/mm ²	0.025 mm
Feed f _z for slot milling in stainless steel > 900 N/mm ²	0.025 mm
Recess Ø D ₁	4.8 mm
Overhang length L ₁ incl. recess	19 mm

Shank $\varnothing D_s$	6 mm
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal \varnothing	f8
Helix angle	35 degrees
Contents	5
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
Machining strategy	HPC
Colour ring	blue
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	240 m/min	P
Steel < 750 N/mm ²	suitable	220 m/min	P
Steel < 900 N/mm ²	suitable	180 m/min	P
Steel < 1100 N/mm ²	suitable	180 m/min	P
Steel < 1400 N/mm ²	suitable	150 m/min	P
TOOLOX 33	suitable	115 m/min	H
TOOLOX 44	suitable	80 m/min	H
INOX < 900 N/mm ²	suitable	90 m/min	M
INOX > 900 N/mm ²	suitable	80 m/min	M

Uni	suitable only under restricted conditions
wet maximum	suitable
wet minimum	suitable only under restricted conditions
dry	suitable
Air	suitable

Accessories

Solid carbide milling cutterHPC Ø f8 DC 5 mm

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