



Solid carbide milling cutter with internal coolant supply HPC, TiSi, Ø f8 DC: 16mm



Order data

Order number	203017 16
GTIN	4045197591562
Item class	12X

Description

Version:

Special TiSi coating.

With **internal coolant supply** for reliable chip evacuation.

Note:

NEW GENERATION AVAILABLE!

Recommended successor products are No. 203013, 203015, 203021, 203027.

Technical description

No. of teeth Z	4
Corner chamfer width at 45°	0.3 mm
Overhang length L ₁ incl. recess	42 mm
Recess Ø D ₁	15.5 mm
Feed f _z for side milling in INOX > 900 N/mm ²	0.055 mm
Feed f _z for slot milling in stainless steel > 900 N/mm ²	0.05 mm
Cutting edge Ø D _c	16 mm
Shank Ø D _s	16 mm
Overall length L	92 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	DIN 6527
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	yes
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
Air	Suitable