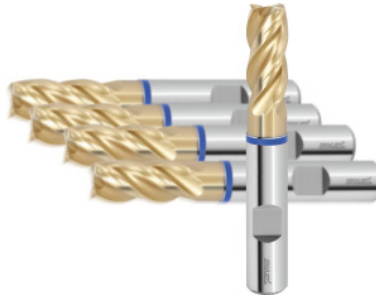



**Solid carbide milling cutter HPC, TiSi, Ø f8 DC: 16mm**

**Order data**

Order number	GG1014 16
GTIN	4045197735638
Item class	GGN

**Description**

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

**Technical description**

Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.05 mm
No. of teeth Z	4
Direction of infeed	horizontal, oblique and vertical
Flute length $L_c$	36 mm
Shank	DIN 6535 HB to h6
Feed $f_z$ for side milling in INOX $> 900 \text{ N/mm}^2$	0.055 mm
Corner chamfer width at $45^\circ$	0.3 mm
Tolerance nominal $\varnothing$	f8
Shank $\varnothing D_s$	16 mm
Overall length L	92 mm

Recess $\varnothing D_1$	15.5 mm
Overhang length $L_1$ incl. recess	42 mm
Cutting edge $\varnothing D_c$	16 mm
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 <sup>2</sup>	suitable	240 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	220 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	180 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	180 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	150 m/min	P
TOOLOX 33	suitable	115 m/min	H
TOOLOX 44	suitable	80 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable	90 m/min	M
INOX > 900 N/mm <sup>2</sup>	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

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## Accessories

Solid carbide milling cutterHPC Ø f8 DC 16 mm

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