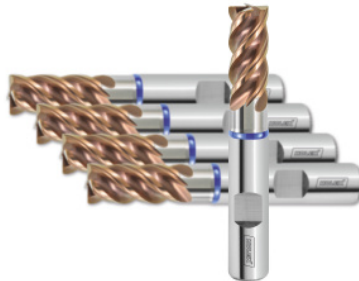




## HOLEX Pro INOX M solid carbide milling cutter HPC, TiSiN, Ø e8 DC: 16mm



### Order data

Order number	GG2994 16
GTIN	4062406625429
Item class	GGN

### Description

#### Version:

**Outstanding tool life** in its class for machining **corrosion-resistant steels** thanks to **innovative coating and geometry**. Especially for **stainless steels in the high-performance range**, e.g. duplex. **Optimal metal removal rate** due to **high cutting speeds**.

**Same as No. 202994.**

### Technical description

No. of teeth Z	4
Direction of infeed	horizontal, oblique and vertical
Corner chamfer angle	45 degrees
Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.08 mm
Helix angle	38 degrees
Shank Ø $D_s$	16 mm
Recess Ø $D_1$	15.5 mm
Shank	DIN 6535 HB to h6
Cutting edge Ø $D_c$	16 mm

Overhang length $L_1$ incl. recess	42 mm
Tolerance nominal $\varnothing$	e8
Flute length $L_c$	36 mm
Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.06 mm
Overall length $L$	92 mm
Corner chamfer width at $45^\circ$	0.3 mm
Contents	5
Series	Pro Inox
Coating	TiSiN
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	Full slot cutting depth $1 \times D$
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
Steel $< 500 \text{ N/mm}^2$	suitable	240 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	220 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	180 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	180 m/min	P
Steel $< 1400 \text{ N/mm}^2$	suitable only under restricted conditions	150 m/min	P

TOOLOX 33	suitable only under restricted conditions	115 m/min	H
TOOLOX 44	suitable only under restricted conditions	80 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable	100 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	85 m/min	M
Uni	suitable only under restricted conditions		
wet maximum	suitable		
wet minimum	suitable		
dry	suitable only under restricted conditions		
Air	suitable only under restricted conditions		

## Accessories

HOLEX Pro INOX M solid carbide milling cutterHPC Ø e8  
DC 16 mm

202994 16