


**HOLEX Pro INOX M solid carbide milling cutter HPC, TiSiN, Ø e8 DC: 12mm**

**Order data**

Order number	GG2994 12
GTIN	4062406625412
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**

Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.045 mm
Tolerance nominal $\varnothing$	e8
Overall length L	83 mm
Shank $\varnothing D_s$	12 mm
Overhang length $L_1$ incl. recess	36 mm
Cutting edge $\varnothing D_c$	12 mm
Corner chamfer width at $45^\circ$	0.3 mm
Flute length $L_c$	26 mm
Direction of infeed	horizontal, oblique and vertical

Recess $\varnothing D_1$	11.6 mm
Helix angle	38 degrees
No. of teeth Z	4
Corner chamfer angle	45 degrees
Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.06 mm
Shank	DIN 6535 HB to h6
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 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 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 12 mm

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