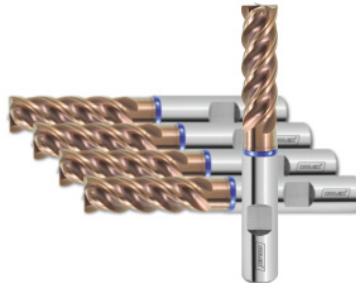


**HOLEX**
**HOLEX Pro INOX M solid carbide milling cutter HPC, TiSiN, Ø e8 DC: 20mm**

**Order data**

Order number	GG2996 20
GTIN	4062406625559
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. 202996.**

**Technical description**

Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.07 mm
Flute length $L_c$	60 mm
No. of teeth $Z$	4
Overhang length $L_1$ incl. recess	74 mm
Shank $\varnothing D_s$	20 mm
Direction of infeed	horizontal, oblique and vertical
Recess $\varnothing D_1$	19.5 mm
Feed $f_z$ for side milling in INOX $> 900 \text{ N/mm}^2$	0.9 mm

Helix angle	38 degrees
Cutting edge $\varnothing D_c$	20 mm
Tolerance nominal $\varnothing$	e8
Overall length L	126 mm
Corner chamfer width at 45°	0.3 mm
Shank	DIN 6535 HB to h6
Corner chamfer angle	45 degrees
Contents	5
Series	Pro Inox
Coating	TiSiN
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	Full slot cutting depth 1xD
Cutting width $a_e$ for milling operation	0,08xD
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 20 mm

202996 20