



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



Order data

Order number	GG2994 20
GTIN	4062406625436
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

Tolerance nominal Ø	e8
Helix angle	38 degrees
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.3 mm
Cutting edge Ø D _c	20 mm
Shank Ø D _s	20 mm
Overall length L	104 mm
Corner chamfer angle	45 degrees
Direction of infeed	horizontal, oblique and vertical

No. of teeth Z	4
Overhang length L_1 incl. recess	52 mm
Recess $\varnothing D_1$	19.5 mm
Flute length L_c	41 mm
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.075 mm
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.09 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 ²	suitable	100 m/min	M
INOX > 900 N/mm ²	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

202994 20