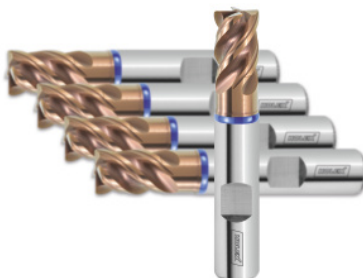




Value pack HOLEX Pro Inox M solid carbide milling cutter HPC, 5 pieces



Order data

Order number	GG2991 16
GTIN	4062406625337
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. 202991.

Technical description

Shank $\varnothing D_s$	16 mm
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	e8
Flute length L_c	22 mm
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.08 mm
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.06 mm
No. of teeth Z	4
Overall length L	82 mm
Corner chamfer angle	45 degrees

Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø D _c	16 mm
Helix angle	38 degrees
Corner chamfer width at 45°	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×D
Cutting width a _e for milling operation	0.5×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	blau
Type of product	End / face mill

User data

	Suitability	V _c	ISO code
Steel < 500 N/mm ²	suitable	240 m/min	P
Steel < 750 N/mm ²	suitable	220 m/min	P
Steel < 900 N/mm ²	suitable	180 m/min	P
Steel < 1100 N/mm ²	suitable	180 m/min	P
Steel < 1400 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
16 mm

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