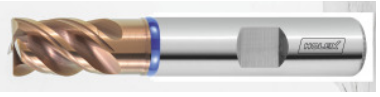
HOLEX

HOLEX Pro INOX M solid carbide milling cutter HPC, TiSiN, ⌀ d11 DC: 12 mm



Order data

Order number	202991 12
GTIN	4062406569013
Item class	12Y

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.**
Tolerance nominal ⌀: e8
No. of teeth Z: 4
Helix angle: 38 degrees
Direction of infeed: horizontal, oblique and vertical
Shank: DIN 6535 HB to h6
No. of teeth Z: 4
Flute length L_c: 16 mm
Overall length L: 73 mm
Shank ⌀ D_s: 12 mm
Corner chamfer width at 45°: 0.3 mm
Feed f_z for slot milling in stainless steel > 900 N/mm^2: 0.045 mm

Technical description

No. of teeth Z	4
Direction of infeed	horizontal, oblique and vertical
Flute length L_c	16 mm
Shank	DIN 6535 HB to h6
Overall length L	73 mm
Shank ⌀ D_s	12 mm

Corner chamfer width at 45°	0.3 mm
Helix angle	38 degrees
Feed f_z for slot milling in stainless steel > 900 N/mm^2	0.045 mm
Tolerance nominal ∅	e8
Corner chamfer angle	45 degrees
Feed f_z for side milling in INOX > 900 N/mm^2	0.06 mm
Cutting edge ∅ D_C	12 mm
Series	HOLEX 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
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Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill