


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

**Order data**

Order number	202996 12
GTIN	4062406569181
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 Ø: 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  $L_c$ : 36 mm

Overhang length  $L_1$  incl. recess: 46 mm

Recess Ø  $D_1$ : 11.6 mm

Overall length L: 93 mm

Shank Ø  $D_s$ : 12 mm

**Technical description**

Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø $D_c$	12 mm
Corner chamfer width at 45°	0.3 mm
No. of teeth Z	4
Shank	DIN 6535 HB to h6
Shank Ø $D_s$	12 mm

Flute length $L_c$	36 mm
Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.04 mm
Recess $\varnothing D_1$	11.6 mm
Helix angle	38 degrees
Tolerance nominal $\varnothing$	e8
Overhang length $L_1$ incl. recess	46 mm
Feed $f_z$ for side milling in INOX $> 900 \text{ N/mm}^2$	0.06 mm
Corner chamfer angle	45 degrees
Overall length L	93 mm
Series	HOLEX 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	0,08xD
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill