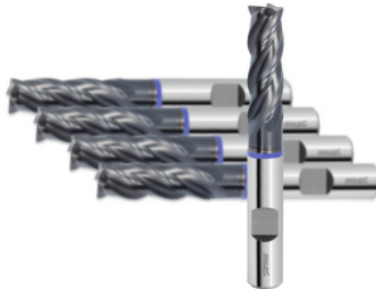



**HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 12mm**

**Order data**

Order number	GG1021 12
GTIN	4045197908612
Item class	GGN

**Description**
**Version:**

For **outstanding tool life**. For use at **high cutting speeds**, particularly suitable even for steels up to approx. 1100 N/mm<sup>2</sup>.

**Same as No. 203021.**

**Technical description**

Flute length L <sub>c</sub>	36 mm
Feed f <sub>z</sub> for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.04 mm
Cutting edge Ø D <sub>c</sub>	12 mm
Shank Ø D <sub>s</sub>	12 mm
Feed f <sub>z</sub> for side milling in INOX > 900 N/mm <sup>2</sup>	0.05 mm
Tolerance nominal Ø	f8
No. of teeth Z	4
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.3 mm

Overhang length $L_1$ incl. recess	46 mm
Direction of infeed	horizontal, oblique and vertical
Recess $\varnothing D_1$	11.6 mm
Overall length L	93 mm
Helix angle	35 degrees
Corner chamfer angle	45 degrees
Contents	5
Series	Pro Inox
Coating	AlCrN
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	$0.3 \times D$ for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
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		
Air	suitable only under restricted conditions		

## Accessories

HOLEX Pro INOX solid carbide milling cutterHPC Ø f8 DC  
12 mm

203021 12