


**HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 6mm**

**Order data**

Order number	GG1015 6
GTIN	4045197908513
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. 203015.**

**Technical description**

No. of teeth Z	4
Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.03 mm
Corner chamfer width at 45°	0.1 mm
Feed $f_z$ for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.025 mm
Cutting edge Ø $D_c$	6 mm
Recess Ø $D_1$	5.8 mm
Shank Ø $D_s$	6 mm
Overhang length $L_1$ incl. recess	19 mm
Tolerance nominal Ø	f8

Shank	DIN 6535 HB to h6
Overall length L	57 mm
Direction of infeed	horizontal, oblique and vertical
Flute length $L_c$	13 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	Full slot cutting depth $1 \times D$
Cutting width $a_e$ for milling operation	$0.4 \times D$ for side milling
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 only under restricted conditions		
dry	suitable		
Air	suitable		

## Accessories

HOLEX Pro INOX solid carbide milling cutterHPC Ø f8 DC 6 mm

203015 6