



## HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 18mm



### Order data

Order number	GG1015 18
GTIN	4045197908575
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

Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.07 mm
Shank $\varnothing D_s$	18 mm
Overall length L	92 mm
Feed $f_z$ for side milling in INOX $> 900 \text{ N/mm}^2$	0.08 mm
Tolerance nominal $\varnothing$	f8
Overhang length $L_1$ incl. recess	42 mm
Recess $\varnothing D_1$	17.5 mm
No. of teeth Z	4
Cutting edge $\varnothing D_c$	18 mm

Flute length $L_c$	36 mm
Corner chamfer width at 45°	0.3 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
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  
18 mm

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