


HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 20mm

Order data

Order number	GG1015 20
GTIN	4045197908582
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/mm².

Same as No. 203015.

Technical description

Feed f_z for side milling in INOX > 900 N/mm ²	0.08 mm
Tolerance nominal Ø	f8
Cutting edge Ø D_c	20 mm
Shank	DIN 6535 HB to h6
Overhang length L_1 incl. recess	52 mm
Overall length L	104 mm
Recess Ø D_1	19.5 mm
Shank Ø D_s	20 mm
Flute length L_c	41 mm

Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.07 mm
No. of teeth Z	4
Corner chamfer width at 45°	0.3 mm
Direction of infeed	horizontal, oblique and vertical
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 $< 500 \text{ N/mm}^2$	suitable	240 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	220 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	180 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	180 m/min	P
Steel $< 1400 \text{ N/mm}^2$	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 ²	suitable	100 m/min	M
INOX > 900 N/mm ²	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
20 mm

203015 20