

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

Order data

Order number	203027 20
GTIN	4062406095567
Item class	12X

Description
Version:

HPC milling cutters with **newly developed high-performance coating** for **outstanding tool working life** and **optimum metal removal rates** in a wide range of stainless steels. For use at **high cutting speeds**, particularly suitable even for steels up to approx. 1100 N/mm². With **internal coolant supply** for reliable swarf evacuation.

Tolerance nominal Ø: f8

No. of teeth Z: 4

Helix angle: 35 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c: 41 mm

Overhang length L₁ incl. recess: 52 mm

Recess Ø D₁: 19.5 mm

Overall length L: 104 mm

Shank Ø D_s: 20 mm

Technical description

Overall length L	104 mm
Shank Ø D _s	20 mm
Shank	DIN 6535 HB to h6
Helix angle	35 degrees
Tolerance nominal Ø	f8

Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.07 mm
Cutting edge $\varnothing D_c$	20 mm
Flute length L_c	41 mm
No. of teeth Z	4
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.08 mm
Corner chamfer width at 45°	0.3 mm
Direction of infeed	horizontal, oblique and vertical
Recess $\varnothing D_1$	19.5 mm
Overhang length L_1 incl. recess	52 mm
Corner chamfer angle	45 degrees
Series	HOLEX Pro INOX
Coating	AlCrN
Tool material	solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	$0.4 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	yes
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 20 mm

SZ2025 20