


HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 10mm

Order data

Order number	203013 10
GTIN	4045197849939
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.

Technical description

Corner chamfer width at 45°	0.2 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.045 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.04 mm
Direction of infeed	horizontal, oblique and vertical
Cutting edge $\varnothing D_c$	10 mm
No. of teeth Z	4
Overall length L	66 mm
Tolerance nominal \varnothing	f8
Shank $\varnothing D_s$	10 mm
Flute length L_c	14 mm
Shank	DIN 6535 HB to h6
Helix angle	35 degrees
Corner chamfer angle	45 degrees

Series	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	0.5×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	240 m/min	P
Steel < 750 N/mm ²	suitable	220 m/min	P
Steel < 900 N/mm ²	suitable	180 m/min	P
Steel < 1100 N/mm ²	suitable	180 m/min	P
Steel < 1400 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
dry	Suitable only under restricted conditions
Air	Suitable