HOLEX

HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, ⌀ f8 DC: 16mm

Order data

Order number	203015 16
GTIN	4045197773135
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/mm^2.

Technical description

Shank ⌀ D_s	16 mm
Cutting edge ⌀ D_C	16 mm
No. of teeth Z	4
Feed f_z for side milling in INOX > 900 N/mm^2	0.055 mm
Recess ⌀ D_1	15.5 mm
Overhang length L_1 incl. recess	42 mm
Direction of infeed	horizontal, oblique and vertical
Corner chamfer width at 45°	0.3 mm
Feed f_z for slot milling in stainless steel > 900 N/mm^2	0.05 mm
Shank	DIN 6535 HB to h6
Tolerance nominal ⌀	f8
Overall length L	92 mm
Flute length L_c	36 mm

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	0.4×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/mm²	suitable	240 m/min	P
Steel < 750 N/mm²	suitable	220 m/min	P
Steel < 900 N/mm²	suitable	180 m/min	P
Steel < 1100 N/mm²	suitable	180 m/min	P
Steel < 1400 N/mm²	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/mm²	suitable	100 m/min	M
INOX > 900 N/mm²	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