HOLEX

HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, ∅ e8 DC: 8mm

Order data

Order number	203074 8
GTIN	4067263092063
Item class	12Y

Description

Version:
For **roughing and finishing at very high feed rates** with smooth cutting action. **Newly developed geometry and high-performance coating** for excellent production results with maximum tool life in various materials. **High intrinsic stability** and smooth cutting action due to unequal spacing.:

Technical description

Overall length L	70 mm
Flute length L_c	24 mm
No. of teeth Z	4
Recess ∅ D_1	7.7 mm
Overhang length L_1 incl. recess	30 mm
Cutting edge ∅ D_C	8 mm
Corner chamfer angle	45 degrees
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.2 mm
Feed f_z for slot milling in stainless steel > 900 N/mm^2	0.02 mm
Feed f_z for side milling in steel < 900 N/mm^2	0.05 mm
Helix angle	42 degrees

Shank ∅ D_s	8 mm
Feed f_z for side milling in INOX > 900 N/mm²	0.025 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for slot milling in steel < 900 N/mm²	0.04 mm
Tolerance nominal ∅	e8
Series	Pro Uni
Coating	TiSiN
Tool material	Solid carbide
Standard	Works standard
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	0.3×D for side milling
Cutting width a_e for milling operation	0.3×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	250 m/min	N
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	170 m/min	P
Steel < 1400 N/mm²	suitable	140 m/min	P
INOX < 900 N/mm²	suitable	90 m/min	M

INOX > 900 N/mm²	suitable	80 m/min	M
Ti > 850 N/mm²	suitable only under restricted conditions	35 m/min	S
GG(G)	suitable	240 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		