



HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 16mm



Order data

Order number	203059 16
GTIN	4062406377212
Item class	12X

Description

Version:

For **roughing and finishing**.

Up to 0.5×D into solid material **at very high feed rates** with smooth cutting action. Extra-long version for avoiding interference contours.

Advantage:

Optimised flute form, eccentric relief ground, generous chip spaces.

Technical description

No. of teeth Z	4
Tolerance nominal Ø	0 / -0.03
Corner chamfer width at 45°	0.3 mm
Corner chamfer angle	45 degrees
Direction of infeed	horizontal, oblique and vertical
Shank Ø D _s	16 mm
Overhang length L ₁ incl. recess	84 mm
Overall length L	150 mm
Cutting edge Ø D _c	16 mm
Recess Ø D ₁	15.5 mm
Flute length L _c	53 mm
Feed f _z for slot milling in steel < 900 N/mm ²	0.07 mm

Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm
Shank	DIN 6535 HA to h6
Helix angle	38 degrees
Series	Pro Steel
Coating	TiAlN
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 1xD
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Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	200 m/min	P
Steel < 750 N/mm ²	suitable	190 m/min	P
Steel < 900 N/mm ²	suitable	140 m/min	P
Steel < 1100 N/mm ²	suitable	120 m/min	P
INOX < 900 N/mm ²	suitable only under restricted conditions	60 m/min	M
GG(G)	suitable	200 m/min	K
Uni	suitable		
wet maximum	suitable		

wet minimum	suitable only under restricted conditions
dry	suitable
Air	suitable
Services	
Shank grinding Type HB	129100 HB