


HOLEX Pro Steel solid carbide finishing cutter HPC, TiAlN, Ø DC: 12mm

Order data

Order number	203624 12
GTIN	4062406252137
Item class	12X

Description
Version:

For **finishing operations**. Special geometry for optimum chip evacuation. For **profile milling as a finishing operation**. Very sturdy version with strengthened core.

Technical description

Shank	DIN 6535 HA to h6
Tolerance nominal Ø	0 / -0.03
Feed f_z for side milling in steel < 900 N/mm ²	0.08 mm
Corner chamfer width at 45°	0.12 mm
Shank Ø D_s	12 mm
Cutting edge Ø D_c	12 mm
Helix angle	45 degrees
Overall length L	100 mm
No. of teeth Z	6
Flute length L_c	48 mm
Direction of infeed	horizontal
Corner chamfer angle	45 degrees
Series	Pro Steel
Coating	TiAlN

Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width a_e for milling operation	$0.05 \times D$ 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
Steel < 500 N/mm ²	suitable	120 m/min	P
Steel < 750 N/mm ²	suitable	110 m/min	P
Steel < 900 N/mm ²	suitable	100 m/min	P
Steel < 1100 N/mm ²	suitable	90 m/min	P
Steel < 1400 N/mm ²	suitable	80 m/min	P
Steel < 55 HRC	suitable	60 m/min	H
INOX < 900 N/mm ²	Suitable	80 m/min	M
INOX > 900 N/mm ²	Suitable only under restricted conditions	60 m/min	M
Uni	Suitable		
wet maximum	suitable		
wet minimum	Suitable only under restricted conditions		
dry	Suitable		
Air	Suitable		