



HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø d11 DC: 6mm



Order data

Order number	205704 6
GTIN	4062406262075
Item class	12X

Description

Version:

Dimensions similar to DIN 6527. **Optimised special knuckle form profile for roughing.** Very **high metal removal rate.**

Application:

For roughing machining, particularly suitable for full-slot machining.

Technical description

Helix angle	45 degrees
No. of teeth Z	4
Corner chamfer width at 45°	0.3 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.028 mm
Cutting edge Ø D_c	6 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.03 mm
Corner chamfer angle	45 degrees
Tolerance nominal Ø	d11
Flute length L_c	10 mm
Shank	DIN 6535 HB to h6
Shank Ø D_s	6 mm
Direction of infeed	horizontal, oblique and vertical

Overall length L	54 mm
Series	Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Milling profile	HR
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Steel < 750 N/mm ²	suitable	170 m/min	P
Steel < 900 N/mm ²	suitable	160 m/min	P
Steel < 1100 N/mm ²	suitable	135 m/min	P
Steel < 1400 N/mm ²	suitable	120 m/min	P
INOX < 900 N/mm ²	suitable	60 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	45 m/min	M
GG(G)	suitable	120 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		

Air

Suitable only under
restricted conditions