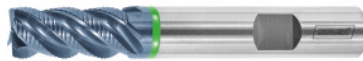




HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø d11 DC: 16mm



Order data

Order number	205706 16
GTIN	4062406262495
Item class	12X

Description

Version:

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

Application:

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

Tolerance nominal Ø: d11

No. of teeth Z: 5

Helix angle: 45 °

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 5

Flute length L_c : 32 mm

Overhang length L_1 incl. recess: 42 mm

Recess Ø D_1 : 14.8 mm

Overall length L: 92 mm

Shank Ø D_s : 16 mm

Technical description

Direction of infeed	horizontal, oblique and vertical
Tolerance nominal Ø	d11
Shank	DIN 6535 HB to h6
Recess Ø D_1	14.8 mm
Overhang length L_1 incl. recess	42 mm

Shank $\varnothing D_s$	16 mm
Cutting edge $\varnothing D_c$	16 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm
Overall length L	92 mm
No. of teeth Z	5
Corner chamfer width at 45°	0.8 mm
Flute length L_c	32 mm
Corner chamfer angle	45°
Helix angle	45°
Feed f_z for slot milling in steel < 900 N/mm ²	0.08 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×D
Cutting width a_e for milling operation	Full slot cutting depth 1×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		