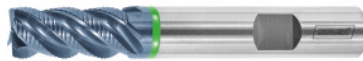



HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø d11 DC: 20mm

Order data

Order number	205706 20
GTIN	4062406262501
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

Overhang length L_1 incl. recess	52 mm
Shank $\varnothing D_s$	20 mm
Corner chamfer width at 45°	1 mm
Corner chamfer angle	45 degrees
Shank	DIN 6535 HB to h6
Helix angle	45 degrees
Cutting edge $\varnothing D_c$	20 mm
Overall length L	104 mm
No. of teeth Z	6
Feed f_z for slot milling in steel < 900 N/mm ²	0.1 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.12 mm
Recess $\varnothing D_1$	18.5 mm

Direction of infeed	horizontal, oblique and vertical
Flute length L_c	38 mm
Tolerance nominal \varnothing	d11
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