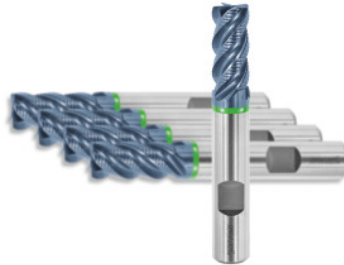



HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø d11 DC: 6mm

Order data

Order number	GG5706 6
GTIN	4062406335519
Item class	GGN

Description
Version:

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

Same as No. 205706.

Application:

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

Technical description

Corner chamfer angle	45 degrees
Overall length L	57 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.028 mm
No. of teeth Z	4
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.3 mm
Shank Ø D _s	6 mm
Helix angle	45 degrees

Cutting edge $\varnothing D_c$	6 mm
Direction of infeed	horizontal, oblique and vertical
Flute length L_c	13 mm
Overhang length L_1 incl. recess	19 mm
Recess $\varnothing D_1$	5.6 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.03 mm
Tolerance nominal \varnothing	d11
Contents	5
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 $< 750 \text{ N/mm}^2$	suitable	170 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	160 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	135 m/min	P
Steel $< 1400 \text{ N/mm}^2$	suitable	120 m/min	P
INOX $< 900 \text{ N/mm}^2$	suitable	60 m/min	M
INOX $> 900 \text{ N/mm}^2$	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		

Accessories

HOLEX Pro Steel solid carbide roughing end millHPC Ø d11
DC 6 mm

205706 6