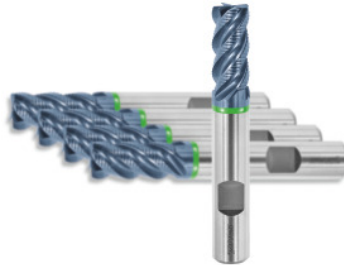



HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø d11 DC: 16mm

Order data

Order number	GG5706 16
GTIN	4062406335557
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 width at 45°	0.8 mm
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal Ø	d11
Corner chamfer angle	45 degrees
Flute length L_c	32 mm
Shank	DIN 6535 HB to h6
Helix angle	45 degrees
No. of teeth Z	5

Overhang length L_1 incl. recess	42 mm
Overall length L	92 mm
Cutting edge $\varnothing D_c$	16 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.08 mm
Recess $\varnothing D_1$	14.8 mm
Shank $\varnothing D_s$	16 mm
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 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		

Accessories

HOLEX Pro Steel solid carbide roughing end millHPC Ø d11
DC 16 mm

205706 16