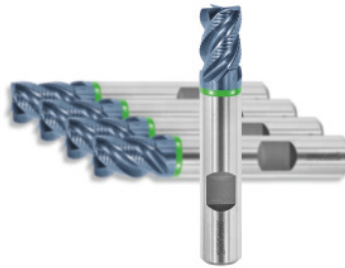


**HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø d11 DC: 6mm****Order data**

Order number	GG5704 6
GTIN	4062406335434
Item class	GGN

**Description****Version:**

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

**Same as No. 205704.**

**Application:**

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

**Technical description**

Flute length $L_c$	10 mm
Helix angle	45 degrees
Tolerance nominal $\varnothing$	d11
Corner chamfer angle	45 degrees
No. of teeth Z	4
Shank	DIN 6535 HB to h6
Cutting edge $\varnothing D_c$	6 mm
Overall length L	54 mm

Direction of infeed	horizontal, oblique and vertical
Shank $\varnothing D_s$	6 mm
Corner chamfer width at 45°	0.3 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.028 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.03 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 1xD
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
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 <sup>2</sup>	suitable	170 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	160 m/min	P
Steel < 1100 N/mm <sup>2</sup>	Suitable	135 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	120 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	60 m/min	M
INOX > 900 N/mm <sup>2</sup>	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

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## Accessories

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

205704 6