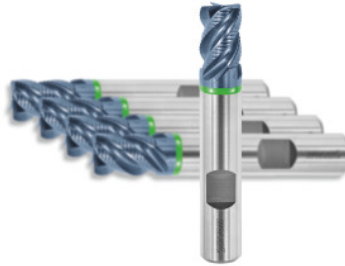




HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø d11 DC: 8mm



Order data

| | |
|--------------|---------------|
| Order number | GG5704 8 |
| GTIN | 4062406335441 |
| 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

| | |
|---|----------------------------------|
| Direction of infeed | horizontal, oblique and vertical |
| Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$ | 0.05 mm |
| Shank | DIN 6535 HB to h6 |
| Corner chamfer angle | 45 degrees |
| No. of teeth Z | 4 |
| Shank $\varnothing D_s$ | 8 mm |
| Corner chamfer width at 45° | 0.4 mm |
| Helix angle | 45 degrees |

| | |
|--|-----------------------------|
| Overall length L | 58 mm |
| Tolerance nominal \varnothing | d11 |
| Flute length L_c | 12 mm |
| Cutting edge $\varnothing D_c$ | 8 mm |
| Feed f_z for slot milling in steel < 900 N/mm ² | 0.04 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×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 |

Accessories

HOLEX Pro Steel solid carbide roughing end millHPC Ø d11
DC 8 mm

205704 8