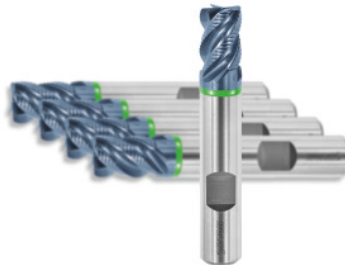




## HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø d11 DC: 20mm



### Order data

|              |               |
|--------------|---------------|
| Order number | GG5704 20     |
| GTIN         | 4062406335489 |
| 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

|                             |                                  |
|-----------------------------|----------------------------------|
| Overall length L            | 92 mm                            |
| Helix angle                 | 45 degrees                       |
| Shank                       | DIN 6535 HB to h6                |
| Corner chamfer width at 45° | 1 mm                             |
| No. of teeth Z              | 6                                |
| Direction of infeed         | horizontal, oblique and vertical |
| Tolerance nominal Ø         | d11                              |
| Shank Ø D <sub>s</sub>      | 20 mm                            |

|  |                             |
|--|-----------------------------|
| Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup> | 0.1 mm                      |
| Corner chamfer angle   | 45 degrees                  |
| Cutting edge $\varnothing D_c$                               | 20 mm                       |
| Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup> | 0.12 mm                     |
| Flute length $L_c$   | 26 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 20 mm

205704 20