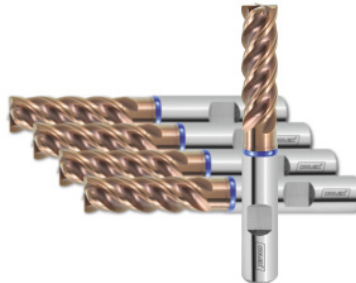



HOLEX Pro INOX M solid carbide milling cutter HPC, TiSiN, Ø e8 DC: 16mm

Order data

| | |
|--------------|---------------|
| Order number | GG2996 16 |
| GTIN | 4062406625542 |
| Item class | GGN |

Description
Version:

Outstanding tool life in its class for machining **corrosion-resistant steels** thanks to **innovative coating and geometry**. Especially for **stainless steels in the high-performance range**, e.g. duplex. **Optimal metal removal rate** due to **high cutting speeds**.
Same as No. 202996.

Technical description

| | |
|---|----------------------------------|
| No. of teeth Z | 4 |
| Tolerance nominal Ø | e8 |
| Overhang length L ₁ incl. recess | 58 mm |
| Shank | DIN 6535 HB to h6 |
| Overall length L | 108 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Recess Ø D ₁ | 15.5 mm |
| Corner chamfer angle | 45 degrees |
| Flute length L _c | 48 mm |

| | |
|---|--------------------------------------|
| Shank $\varnothing D_s$ | 16 mm |
| Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$ | 0.065 mm |
| Corner chamfer width at 45° | 0.3 mm |
| Cutting edge $\varnothing D_c$ | 16 mm |
| Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$ | 0.05 mm |
| Helix angle | 38 degrees |
| Contents | 5 |
| Series | Pro Inox |
| Coating | TiSiN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | N |
| Helix angle characteristic | unequal spacing |
| Spacing of the cutters | unequal spacing |
| Cutting width a_e for milling operation | Full slot cutting depth $1 \times D$ |
| Cutting width a_e for milling operation | $0,08 \times D$ |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | blue |
| Type of product | End / face mill |

User data

| | Suitability | V_c | ISO code |
|-------------------------------|---|-----------|----------|
| Steel $< 500 \text{ N/mm}^2$ | suitable | 240 m/min | P |
| Steel $< 750 \text{ N/mm}^2$ | suitable | 220 m/min | P |
| Steel $< 900 \text{ N/mm}^2$ | suitable | 180 m/min | P |
| Steel $< 1100 \text{ N/mm}^2$ | suitable | 180 m/min | P |
| Steel $< 1400 \text{ N/mm}^2$ | suitable only under restricted conditions | 150 m/min | P |

| | | | |
|------------------------------|---|-----------|---|
| TOOLOX 33 | suitable only under restricted conditions | 115 m/min | H |
| TOOLOX 44 | suitable only under restricted conditions | 80 m/min | H |
| INOX < 900 N/mm ² | suitable | 100 m/min | M |
| INOX > 900 N/mm ² | suitable | 85 m/min | M |
| Uni | suitable only under restricted conditions | | |
| wet maximum | suitable | | |
| wet minimum | suitable | | |
| dry | suitable only under restricted conditions | | |
| Air | suitable only under restricted conditions | | |

Accessories

HOLEX Pro INOX M solid carbide milling cutterHPC Ø e8
DC 16 mm

202996 16