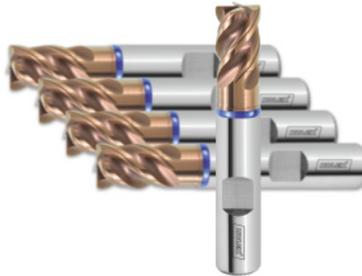



HOLEX Pro INOX M solid carbide milling cutter HPC, TiSiN, Ø e8 DC: 12mm

Order data

| | |
|--------------|---------------|
| Order number | GG2991 12 |
| GTIN | 4062406625320 |
| 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. 202991.

Technical description

| | |
|--|-------------------|
| Flute length L_c | 16 mm |
| Overall length L | 73 mm |
| Corner chamfer angle | 45 degrees |
| Tolerance nominal \varnothing | e8 |
| Feed f_z for side milling in INOX > 900 N/mm ² | 0.06 mm |
| Corner chamfer width at 45° | 0.3 mm |
| Shank $\varnothing D_s$ | 12 mm |
| Shank | DIN 6535 HB to h6 |
| Feed f_z for slot milling in stainless steel > 900 N/mm ² | 0.045 mm |

| | |
|---|--------------------------------------|
| No. of teeth Z | 4 |
| Cutting edge $\varnothing D_c$ | 12 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Helix angle | 38 degrees |
| Contents | 5 |
| Series | Pro Inox |
| Coating | TiSiN |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| 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 | $0.5 \times D$ for side milling |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | blau |
| Type of product | End / face mill |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|-----------|----------|
| Steel < 500 N/mm ² | suitable | 240 m/min | P |
| Steel < 750 N/mm ² | suitable | 220 m/min | P |
| Steel < 900 N/mm ² | suitable | 180 m/min | P |
| Steel < 1100 N/mm ² | suitable | 180 m/min | P |
| Steel < 1400 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 12 mm

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