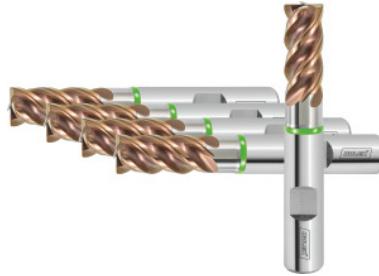




HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, Ø e8 DC: 10mm



Order data

| | |
|--------------|---------------|
| Order number | GG3068 10 |
| GTIN | 4062406625696 |
| Item class | GGN |

Description

Version:

For **roughing and finishing** at very high feed rates with smooth cutting action. Innovative geometry and high-performance coating for outstanding production results and tool life in a variety of materials. Unequal spacing gives high intrinsic stability and smooth cutting action.

Same as No. 203068.

Technical description

| | |
|---|------------|
| Shank Ø D _s | 10 mm |
| Overhang length L ₁ incl. recess | 30 mm |
| Feed f _z for slot milling in stainless steel > 900 N/mm ² | 0.04 mm |
| Tolerance nominal Ø | e8 |
| Overall length L | 72 mm |
| Helix angle | 42 degrees |
| Cutting edge Ø D _c | 10 mm |
| Feed f _z for side milling in steel < 900 N/mm ² | 0.08 mm |
| Recess Ø D ₁ | 9.7 mm |

| | |
|--|----------------------------------|
| Feed f_z for slot milling in steel < 900 N/mm ² | 0.06 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Corner chamfer angle | 45 degrees |
| Shank | DIN 6535 HB to h6 |
| Corner chamfer width at 45° | 0.2 mm |
| Flute length L_c | 22 mm |
| No. of teeth Z | 4 |
| Feed f_z for side milling in INOX > 900 N/mm ² | 0.05 mm |
| Contents | 5 |
| Series | Pro Uni |
| 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 1xD |
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| Through-coolant | no |
| Machining strategy | MTC |
| Colour ring | green |
| Type of product | End / face mill |

User data

| | Suitability | V_c | ISO code |
|-------------------------------|---|-----------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 250 m/min | N |
| 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 | 170 m/min | P |
| Steel < 1400 N/mm ² | suitable | 140 m/min | P |
| INOX < 900 N/mm ² | suitable | 90 m/min | M |
| INOX > 900 N/mm ² | suitable | 80 m/min | M |
| Ti > 850 N/mm ² | suitable only under restricted conditions | 35 m/min | S |
| GG(G) | suitable | 240 m/min | K |
| Uni | suitable | | |
| wet maximum | suitable | | |
| wet minimum | suitable only under restricted conditions | | |
| dry | suitable | | |
| Air | suitable | | |

Accessories

HOLEX Pro UNI solid carbide milling cutterHPC Ø e8 DC 10 mm

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