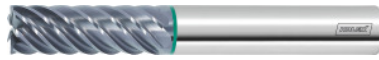




HOLEX Pro Steel solid carbide finishing cutter HPC, TiAlN, Ø DC: 6mm



Order data

| | |
|--------------|---------------|
| Order number | 203623 6 |
| GTIN | 4062406252021 |
| Item class | 12X |

Description

Version:

For **finishing operations**. Special geometry for optimum chip evacuation. For **profile milling as a finishing operation**. Very sturdy version with strengthened core.

Technical description

| | |
|--|-------------------|
| Helix angle | 45 degrees |
| Corner chamfer width at 45° | 0.06 mm |
| Overall length L | 62 mm |
| Direction of infeed | horizontal |
| Tolerance nominal Ø | 0 / -0.03 |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.054 mm |
| Shank Ø D_s | 6 mm |
| Shank | DIN 6535 HA to h6 |
| Cutting edge Ø D_c | 6 mm |
| Flute length L_c | 18 mm |
| No. of teeth Z | 6 |
| Corner chamfer angle | 45 degrees |
| Series | Pro Steel |
| Coating | TiAlN |

| | |
|---|---------------------------------|
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | N |
| Cutting width a_e for milling operation | $0.1 \times D$ for side milling |
| Through-coolant | no |
| Machining strategy | HPC |
| Colour ring | green |
| Type of product | End / face mill |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|-----------|----------|
| Steel < 500 N/mm ² | suitable | 160 m/min | P |
| Steel < 750 N/mm ² | suitable | 140 m/min | P |
| Steel < 900 N/mm ² | suitable | 120 m/min | P |
| Steel < 1100 N/mm ² | suitable | 110 m/min | P |
| Steel < 1400 N/mm ² | suitable | 100 m/min | P |
| Steel < 55 HRC | suitable | 70 m/min | H |
| INOX < 900 N/mm ² | Suitable | 90 m/min | M |
| INOX > 900 N/mm ² | Suitable only under restricted conditions | 70 m/min | M |
| Uni | Suitable | | |
| wet maximum | suitable | | |
| wet minimum | Suitable only under restricted conditions | | |
| dry | Suitable | | |
| Air | Suitable | | |

Services

| | |
|------------------------|-----------|
| Shank grinding Type HB | 129100 HB |
|------------------------|-----------|

