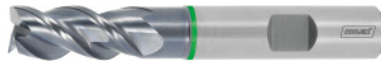



HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 5,7mm

Order data

| | |
|--------------|---------------|
| Order number | 202414 5,7 |
| GTIN | 4045197776136 |
| Item class | 12X |

Description
Version:

For **roughing and finishing**.

Up to 1xD into solid material **at very high feed rates** with smooth cutting action.

Advantage:

Optimised flute form, eccentric relief ground, wide chip space.

Technical description

| | |
|---|----------------------------------|
| No. of teeth Z | 3 |
| Direction of infeed | horizontal, oblique and vertical |
| Corner chamfer width at 45° | 0.2 mm |
| Shank Ø D _s | 6 mm |
| Recess Ø D ₁ | 5.2 mm |
| Feed f _z for side milling in steel < 900 N/mm ² | 0.05 mm |
| Feed f _z for slot milling in steel < 900 N/mm ² | 0.04 mm |
| Cutting edge Ø D _c | 5.7 mm |
| Flute length L _c | 13 mm |
| Overhang length L ₁ incl. recess | 21 mm |
| Shank | DIN 6535 HB to h6 |
| Overall length L | 57 mm |
| Tolerance nominal Ø | 0 / -0.03 |

| | |
|---|-----------------------------|
| Helix angle | 45 degrees |
| Corner chamfer angle | 45 degrees |
| Series | Pro Steel |
| Coating | TiAlN |
| 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 | 0.4×D for side milling |
| Cutting width a_e for milling operation | Full slot cutting depth 1×D |
| 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 | 240 m/min | P |
| Steel < 750 N/mm ² | suitable | 220 m/min | P |
| Steel < 900 N/mm ² | suitable | 170 m/min | P |
| Steel < 1100 N/mm ² | suitable | 150 m/min | P |
| INOX < 900 N/mm ² | suitable only under restricted conditions | 80 m/min | M |
| GGG | suitable | 190 m/min | K |
| Uni | suitable | | |
| wet maximum | suitable | | |
| wet minimum | suitable only under restricted conditions | | |

| | |
|-----|----------|
| dry | suitable |
| Air | suitable |