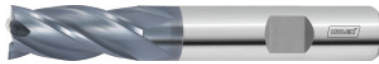



Solid carbide milling cutter, TiAlN, Ø h10 DC: 16mm

Order data

| | |
|--------------|---------------|
| Order number | 202760 16 |
| GTIN | 4045197118073 |
| Item class | 12X |

Description
Version:

Eccentric relief ground.

Without 45° cutting edge chamfer.

Through-coolant: no

Tolerance nominal Ø: h10

No. of teeth Z: 4

Helix angle: 30°

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 35 mm

Overall length L: 93 mm

Shank Ø D_s : 16 mm

Shank form: HB

Feed f_z for slot milling in steel < 900 N/mm²: 0.08 mm

Technical description

| | |
|--|---------|
| Feed f_z for slot milling in steel < 900 N/mm ² | 0.08 mm |
| No. of teeth Z | 4 |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.1 mm |
| Cutting edge Ø D_c | 16 mm |
| Shank form | HB |
| Shank Ø D_s | 16 mm |

| | |
|--|----------------------------------|
| Overall length L | 93 mm |
| Flute length L _c | 35 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HB to h6 |
| Tolerance nominal Ø | h10 |
| Helix angle | 30 ° |
| Corner chamfer angle | 90 ° |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | H |
| Cutting width a _e for milling operation | 0.3×D for side milling |
| Cutting width a _e for milling operation | Full slot cutting depth 1×D |
| Through-coolant | no |
| Colour ring | without |
| Type of product | End / face mill |

User data

| | Suitability | V _c | ISO code |
|--------------------------------|---|----------------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 280 m/min | N |
| Steel < 900 N/mm ² | suitable | 100 m/min | P |
| Steel < 1100 N/mm ² | suitable | 70 m/min | P |
| Steel < 1400 N/mm ² | suitable | 60 m/min | P |
| Steel < 55 HRC | suitable only under restricted conditions | 35 m/min | H |
| INOX < 900 N/mm ² | suitable | 80 m/min | M |
| INOX > 900 N/mm ² | suitable only under restricted conditions | 60 m/min | M |
| GG(G) | suitable | 90 m/min | K |

| | |
|-----------------|---|
| Uni | suitable only under restricted conditions |
| wet maximum | Suitable |
| wet minimum | Suitable only under restricted conditions |
| dry | Suitable only under restricted conditions |
| Air | Suitable only under restricted conditions |
| Services | |

| | |
|---|-------------|
| Shank recess Type FRST | 209900 FRST |
| Shank clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 16 mm | SZ2025 16 |