


Solid carbide milling cutter, TiAlN, Ø DC: 8mm

Order data

| | |
|--------------|---------------|
| Order number | 203246 8 |
| GTIN | 4062406252441 |
| Item class | 12X |

Description
Version:

Strengthened core and geometry for hard machining, without dynamic helical pitch. Tolerance: Size nominal Ø D_c **0/-0.02 mm.**

Application:

For profile milling as finishing.

(Plunge cutting only to shallow depths).

Through-coolant: no

Tolerance nominal Ø: 0 / -0.02

No. of teeth Z: 6

Helix angle: 45 °

Direction of infeed: horizontal and oblique

Shank: DIN 6535 HA to h6

No. of teeth Z: 6

Flute length L_c: 19 mm

Overall length L: 63 mm

Shank Ø D_s: 8 mm

Corner chamfer width at 45°: 0.08 mm

Feed f_z for side milling in steel < 55 HRC: 0.03 mm

Technical description

| | |
|-------------------------------|------------------------|
| Shank Ø D _s | 8 mm |
| Tolerance nominal Ø | 0 / -0.02 |
| Direction of infeed | horizontal and oblique |
| Cutting edge Ø D _c | 8 mm |

| | |
|---|-------------------------|
| Corner chamfer width at 45° | 0.08 mm |
| No. of teeth Z | 6 |
| Overall length L | 63 mm |
| Helix angle | 45 ° |
| Feed f_z for side milling in steel < 55 HRC | 0.03 mm |
| Shank | DIN 6535 HA to h6 |
| Flute length L_c | 19 mm |
| Corner chamfer angle | 90 ° |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | H |
| Cutting width a_e for milling operation | 0.05×D for side milling |
| Through-coolant | no |
| Colour ring | red |
| Type of product | End / face mill |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|-----------|----------|
| Steel < 900 N/mm ² | suitable | 160 m/min | P |
| Steel < 1100 N/mm ² | suitable | 95 m/min | P |
| Steel < 1400 N/mm ² | suitable | 85 m/min | P |
| Steel < 50 HRC | suitable | 75 m/min | H |
| Steel < 55 HRC | suitable | 65 m/min | H |
| Steel < 60 HRC | suitable | 50 m/min | H |
| Steel < 65 HRC | suitable only under restricted conditions | 30 m/min | H |
| wet minimum | suitable only under restricted conditions | | |
| dry | suitable | | |

Air
Services suitable

Shank recess Type FRST 209900 FRST

Shank grinding Type HB 129100 HB