


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

**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<sub>c</sub> **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 degrees

Direction of infeed: horizontal and oblique

Shank: DIN 6535 HA to h6

No. of teeth Z: 6

Flute length L<sub>c</sub>: 19 mm

Overall length L: 63 mm

Shank Ø D<sub>s</sub>: 8 mm

Feed f<sub>z</sub> for side milling in steel < 55 HRC: 0.03 mm

**Technical description**

|                               |                        |
|-------------------------------|------------------------|
| Shank Ø D <sub>s</sub>        | 8 mm                   |
| Tolerance nominal Ø           | 0 / -0.02              |
| Direction of infeed           | horizontal and oblique |
| Cutting edge Ø D <sub>c</sub> | 8 mm                   |
| No. of teeth Z                | 6                      |

|                                                      |                                  |
|------------------------------------------------------|----------------------------------|
| Overall length L                                     | 63 mm                            |
| Helix angle                                          | 45 degrees                       |
| Free length                                          | 19 mm                            |
| maximum cutting depth $a_{p\ max}$ when side milling | 19 mm                            |
| Feed $f_z$ for side milling in steel < 55 HRC        | 0.03 mm                          |
| Correction factor $f_z$                              | 1                                |
| Shank                                                | DIN 6535 HA to h6                |
| Flute length $L_c$                                   | 19 mm                            |
| Corner chamfer angle                                 | 90 degrees                       |
| Coating                                              | TiAlN                            |
| Tool material                                        | Solid carbide                    |
| Standard                                             | DIN 6527                         |
| Type                                                 | H                                |
| Cutting width $a_e$ for milling operation            | $0.05 \times D$ for side milling |
| Through-coolant                                      | no                               |
| Shank tolerance                                      | h6                               |
| Colour ring                                          | red                              |
| Type of product                                      | End mill                         |

## Services

|                        |             |
|------------------------|-------------|
| Shank recess Type FRST | 209900 FRST |
| Shank grinding Type HB | 129100 HB   |