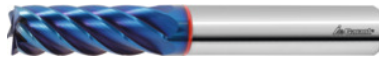


**Garant**
**Diabolo solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 14 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 203282 14     |
| GTIN         | 4045197597526 |
| Item class   | 11X           |

**Description**
**Version:**
**GARANT Diabolo:**

Special geometry, coating and carbide, specially for hard machining.

**Application:**

**For profile milling as finishing.**

(Plunge cutting only to shallow depths).

Tolerance nominal Ø: e8

No. of teeth Z: 6

Helix angle: 50 degrees

Direction of infeed: horizontal and oblique

Shank: DIN 6535 HA to h6

No. of teeth Z: 6

Flute length  $L_c$ : 42 mm

Overall length L: 100 mm

Shank Ø  $D_s$ : 14 mm

Feed  $f_z$  for side milling in steel < 65 HRC: 0.025 mm

**Technical description**

|   |          |
|---|----------|
| Feed $f_z$ for side milling in steel < 65 HRC | 0.025 mm |
| No. of teeth Z                                | 6        |
| Cutting edge Ø $D_c$                          | 14 mm    |
| Shank Ø $D_s$                                 | 14 mm    |
| Overall length L                              | 100 mm   |
| Flute length $L_c$                            | 42 mm    |

|   |                                  |
|---|----------------------------------|
| Direction of infeed                       | horizontal and oblique           |
| Shank                                     | DIN 6535 HA to h6                |
| Tolerance nominal $\varnothing$           | e8                               |
| Helix angle                               | 50 degrees                       |
| Corner chamfer angle                      | 90 degrees                       |
| Series                                    | Diabolo                          |
| Coating                                   | TiAlN                            |
| Tool material                             | Solid carbide                    |
| Standard                                  | Manufacturer's standard          |
| Type                                      | H                                |
| Helix angle characteristic                | unequal spacing                  |
| Cutting width $a_e$ for milling operation | $0.05 \times D$ for side milling |
| Through-coolant                           | no                               |
| Machining strategy                        | HPC                              |
| Colour ring                               | red                              |
| Type of product                           | End mill                         |

## Services

|   |             |
|---|-------------|
| Shank recess Type FRST  | 209900 FRST |
| Shank clamping flats for shrink-fit chucks, with retainer function Shank $\varnothing$ tool 20 mm | SZ2025 20   |