

**Garant****GARANT Master Steel solid carbide mini milling cutter HPC, TiAlN, Ø e8 DC: 2 mm****Order data**

|              |               |
|--------------|---------------|
| Order number | 202295 2      |
| GTIN         | 4062406271343 |
| Item class   | 11X           |

**Description****Version:**

**Extra short cutter** for maximum stability. **Shank length to DIN** for improved support of the tool in the holder. This significantly increases the tool life.

**Save the regrinding costs:** It is cheaper to use a carbide mini slot drill to the limit of wear and throw it away, than to regrind it.

Tool for **general-purpose machining**.

**Note:**

HB shanks are available at the same price as HA.

For **HB shanks** use order **no. 202297**.

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length  $L_c$ : 4 mm

Overall length L: 50 mm

Shank Ø  $D_s$ : 6 mm

Corner chamfer width at 45°: 0.03 mm

Feed  $f_z$  for slot milling in steel < 900 N/mm<sup>2</sup>: 0.01 mm

**Technical description**

|                             |         |
|-----------------------------|---------|
| Corner chamfer width at 45° | 0.03 mm |
|-----------------------------|---------|

|   |                                  |
|---|----------------------------------|
| Shank Ø D <sub>s</sub>  | 6 mm                             |
| Direction of infeed   | horizontal, oblique and vertical |
| Cutting edge Ø D <sub>c</sub>   | 2 mm                             |
| Feed f <sub>z</sub> for slot milling in steel < 900 N/mm <sup>2</sup> | 0.01 mm                          |
| Shank   | DIN 6535 HA to h6                |
| No. of teeth Z  | 3                                |
| Overall length L  | 50 mm                            |
| Tolerance nominal Ø   | e8                               |
| Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup> | 0.012 mm                         |
| Flute length L <sub>c</sub>   | 4 mm                             |
| Helix angle   | 45 degrees                       |
| Corner chamfer angle  | 45 degrees                       |
| Series  | GARANT Master Steel              |
| Coating   | TiAlN                            |
| Tool material   | Solid carbide                    |
| Standard  | Manufacturer's standard          |
| Type  | N                                |
| Cutting width a <sub>e</sub> for milling operation                    | Full slot cutting depth 1×D      |
| Cutting width a <sub>e</sub> for milling operation                    | Full slot cutting depth 1×D      |
| Through-coolant   | no                               |
| Machining strategy  | HPC                              |
| Colour ring   | green                            |
| Type of product   | End mill                         |