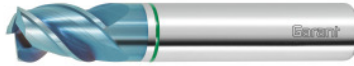


## Garant

### GARANT Master Steel solid carbide mini milling cutter HPC, TiAlN, Ø e8 DC: 0,8 mm



#### Order data

|              |               |
|--------------|---------------|
| Order number | 202295 0,8    |
| GTIN         | 4062406271268 |
| 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  $L_c$ : 2 mm

Overall length L: 38 mm

Shank Ø  $D_s$ : 3 mm

Corner chamfer width at 45°: 0.01 mm

Feed  $f_z$  for slot milling in steel < 900 N/mm<sup>2</sup>: 0.003 mm

#### Technical description

|                     |                                  |
|---------------------|----------------------------------|
| Direction of infeed | horizontal, oblique and vertical |
|---------------------|----------------------------------|

|  |                             |
|--|-----------------------------|
| Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup> | 0.005 mm                    |
| Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup> | 0.003 mm                    |
| Tolerance nominal $\varnothing$                              | e8                          |
| Flute length $L_c$   | 2 mm                        |
| Helix angle  | 45 degrees                  |
| Shank $\varnothing D_s$                                      | 3 mm                        |
| Overall length L   | 38 mm                       |
| Corner chamfer width at 45°                                  | 0.01 mm                     |
| No. of teeth Z   | 3                           |
| Cutting edge $\varnothing D_c$                               | 0.8 mm                      |
| Shank  | DIN 6535 HA to h6           |
| Corner chamfer angle   | 45 degrees                  |
| Series   | GARANT Master Steel         |
| Coating  | TiAlN                       |
| Tool material  | Solid carbide               |
| Standard   | Manufacturer's standard     |
| Type   | N                           |
| Cutting width $a_e$ for milling operation                    | Full slot cutting depth 1xD |
| Cutting width $a_e$ for milling operation                    | Full slot cutting depth 1xD |
| Through-coolant  | no                          |
| Machining strategy   | HPC                         |
| Colour ring  | green                       |
| Type of product  | End mill                    |