

**Garant**
**Solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / D S: 2,5/6 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 207240 2,5/6  |
| GTIN         | 4045197127099 |
| Item class   | 11X           |

**Description**
**Version:**

**Precision ground for very high accuracy requirements.**

Tolerance: Radius contour =  $\pm 0.005$  mm.

**Note:**

**Recommended successor product is No. 207242.**

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length  $L_c$ : 5 mm

Overall length L: 54 mm

Shank  $\varnothing D_s$ : 6 mm

Feed  $f_z$  for side milling in steel < 1100 N/mm<sup>2</sup>: 0.0095 mm

Feed  $f_z$  for copy milling in steel < 1100 N/mm<sup>2</sup>: 0.011 mm

**Technical description**

|   |           |
|---|-----------|
| Feed $f_z$ for copy milling in steel < 1100 N/mm <sup>2</sup> | 0.011 mm  |
| Cutting edge $\varnothing D_c$                                | 2.5 mm    |
| Feed $f_z$ for side milling in steel < 1100 N/mm <sup>2</sup> | 0.0095 mm |
| No. of teeth Z  | 2         |
| Shank $\varnothing D_s$                                       | 6 mm      |
| Overall length L  | 54 mm     |
| Flute length $L_c$  | 5 mm      |

|   |                                  |
|---|----------------------------------|
| Helix angle                               | 30 degrees                       |
| Radius R                                  | 1.25 mm                          |
| Coating                                   | TiAlN                            |
| Tool material                             | Solid carbide                    |
| Standard                                  | Manufacturer's standard          |
| Type                                      | H                                |
| Tolerance nominal $\varnothing$           | f8                               |
| Direction of infeed                       | horizontal, oblique and vertical |
| Cutting width $a_e$ for milling operation | 0.5×D for side milling           |
| Cutting width $a_e$ for milling operation | 0.03×D for copy milling          |
| Shank                                     | DIN 6535 HA to h6                |
| Through-coolant                           | no                               |
| Machining strategy                        | HPC                              |
| Colour ring                               | without                          |
| Type of product                           | End mill                         |

## Services

|                        |           |
|------------------------|-----------|
| Shank grinding Type HB | 129100 HB |
|------------------------|-----------|