

**Garant**
**Solid carbide ball nose slot drill, DLC, Ø f8 DC: 10 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 207441 10     |
| GTIN         | 4045197591081 |
| Item class   | 11X           |

**Description**
**Version:**

With the latest generation of **DLC coating sp<sup>2</sup>**. For **high-performance milling of aluminium materials**. 4 centre cutting edges to the centre. Therefore can be used as a true **4-edge drill** at all depths of cut.

Tolerance: Radius contour = **±0.005 mm**.

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

Flute length L<sub>c</sub>: 13 mm

Overhang length L<sub>1</sub> incl. recess: 32 mm

Recess Ø D<sub>1</sub>: 9.4 mm

Overall length L: 67 mm

Shank Ø D<sub>s</sub>: 10 mm

**Technical description**

|  |         |
|--|---------|
| No. of teeth Z   | 4       |
| Overhang length L <sub>1</sub> incl. recess            | 32 mm   |
| Feed f <sub>z</sub> for copy milling in cast aluminium | 0.08 mm |
| Cutting edge Ø D <sub>c</sub>                          | 10 mm   |
| Recess Ø D <sub>1</sub>                                | 9.4 mm  |
| Shank Ø D <sub>s</sub>                                 | 10 mm   |
| Overall length L                                       | 67 mm   |

|   |                                  |
|---|----------------------------------|
| Flute length $L_c$                        | 13 mm                            |
| Helix angle                               | 45 degrees                       |
| Radius R                                  | 5 mm                             |
| Coating                                   | DLC                              |
| Tool material                             | Solid carbide                    |
| Standard                                  | Manufacturer's standard          |
| Type                                      | W                                |
| Tolerance nominal $\varnothing$           | f8                               |
| Direction of infeed                       | horizontal, oblique and vertical |
| Cutting width $a_e$ for milling operation | $0.1 \times D$ for copy milling  |
| Shank                                     | DIN 6535 HA to h6                |
| Through-coolant                           | no                               |
| Colour ring                               | yellow                           |
| Type of product                           | End mill                         |

## Services

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