

**Garant**
**Solid carbide ball nose slot drill, uncoated, Ø f8 DC: 3 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 207135 3      |
| GTIN         | 4045197126443 |
| Item class   | 11X           |

**Description**
**Version:**

Full radius ball nose slot drill with long main flutes.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length  $L_c$ : 20 mm

Overall length L: 60 mm

Shank Ø  $D_s$ : 3 mm

Feed  $f_z$  for side milling in steel < 900 N/mm<sup>2</sup>: 0.011 mm

Feed  $f_z$  for copy milling in steel < 900 N/mm<sup>2</sup>: 0.013 mm

**Technical description**

|  |            |
|--|------------|
| No. of teeth Z   | 2          |
| Cutting edge Ø $D_c$   | 3 mm       |
| Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup> | 0.011 mm   |
| Feed $f_z$ for copy milling in steel < 900 N/mm <sup>2</sup> | 0.013 mm   |
| Shank Ø $D_s$  | 3 mm       |
| Overall length L   | 60 mm      |
| Flute length $L_c$   | 20 mm      |
| Helix angle  | 30 degrees |
| Radius R   | 1.5 mm     |

|   |                                  |
|---|----------------------------------|
| Coating                                   | uncoated                         |
| Tool material                             | Solid carbide                    |
| Standard                                  | Manufacturer's standard          |
| Type                                      | N                                |
| Tolerance nominal $\varnothing$           | f8                               |
| Direction of infeed                       | horizontal, oblique and vertical |
| Cutting width $a_e$ for milling operation | 0.3×D for side milling           |
| Cutting width $a_e$ for milling operation | 0.05×D for side milling          |
| Shank                                     | DIN 6535 HA to h6                |
| Through-coolant                           | no                               |
| Colour ring                               | without                          |
| Type of product                           | End mill                         |

## Services

|                        |             |
|------------------------|-------------|
| Shank recess Type FRST | 209900 FRST |
|------------------------|-------------|