

**Garant**
**Solid carbide slot drill DIN 6535 HA, TiAlN, Ø DC: 6,5 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 202280 6,5    |
| GTIN         | 4045197116376 |
| Item class   | 11X           |

**Description**
**Version:**
**Eccentric relief ground.**

Dimensions similar to **DIN 6527 long series.**

Tolerance: Size nominal Ø  $D_c = e8$ .

Cutting width  $a_e$  for milling operation: Full slot cutting depth  $1 \times D$

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  $L_c$ : 16 mm

Overhang length  $L_1$  incl. recess: 27 mm

Recess Ø  $D_1$ : 6.3 mm

Overall length L: 63 mm

Shank Ø  $D_s$ : 8 mm

**Technical description**

|  |          |
|--|----------|
| Overhang length $L_1$ incl. recess                           | 27 mm    |
| Corner chamfer width at 45°                                  | 0.1 mm   |
| Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup> | 0.03 mm  |
| No. of teeth Z   | 3        |
| Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup> | 0.033 mm |

|   |                                  |
|---|----------------------------------|
| Cutting edge $\varnothing D_c$            | 6.5 mm                           |
| Recess $\varnothing D_1$                  | 6.3 mm                           |
| Shank $\varnothing D_s$                   | 8 mm                             |
| Overall length L                          | 63 mm                            |
| Flute length $L_c$                        | 16 mm                            |
| Direction of infeed                       | horizontal, oblique and vertical |
| Correction factor for $v_c$               | 1.5                              |
| Shank                                     | DIN 6535 HA to h6                |
| Tolerance nominal $\varnothing$           | e8                               |
| Helix angle                               | 45 degrees                       |
| Corner chamfer angle                      | 45 degrees                       |
| Coating                                   | TiAlN                            |
| Tool material                             | Solid carbide                    |
| Standard                                  | DIN 6527                         |
| Type                                      | N                                |
| Cutting width $a_e$ for milling operation | 0.5×D for side milling           |
| Cutting width $a_e$ for milling operation | Full slot cutting depth 1×D      |
| Colour ring                               | without                          |
| Type of product                           | End mill                         |

## Services

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