

**Garant**
**Slot drill, uncoated, Ø e8 DC: 20mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 191100 20     |
| GTIN         | 4045197100566 |
| Item class   | 11W           |

**Description**
**Version:**

Centre cutting edge geometry for plunging. Wide, fine ground chip flutes. Exceptionally fine component surface finish - due to precisely ground cutting edges. For slots or for milling pockets from the component centre.

**Note:**

**Note!** Only for use in climb milling.

**Technical description**

|   |            |
|---|------------|
| Feed $f_z$ for slot milling in short-chipping aluminium | 0.055 mm   |
| Cutting edge $\varnothing D_c$                          | 20 mm      |
| Number of effective teeth Z (peripheral side)           | 2          |
| Shank $\varnothing D_s$                                 | 20 mm      |
| Flute length $L_c$                                      | 38 mm      |
| Overall length L  | 104 mm     |
| Coating   | uncoated   |
| Tool material   | HSS Co 8   |
| Standard  | DIN 844 B  |
| Type  | W          |
| Tolerance nominal $\varnothing$                         | e8         |
| Helix angle   | 42 degrees |

|                      |                                  |
|----------------------|----------------------------------|
| Direction of infeed  | horizontal, oblique and vertical |
| Shank                | DIN 1835 B to h6                 |
| Through-coolant      | no                               |
| Shank tolerance      | h6                               |
| Corner chamfer angle | 90 degrees                       |
| Colour ring          | yellow                           |
| Type of product      | Milling cutter                   |

### User data

|                               | Suitability                               | V <sub>c</sub> | ISO code |
|-------------------------------|---|----------------|----------|
| Aluminium (short chipping)    | suitable                                  | 150 m/min      | N        |
| Alu > 10% Si                  | suitable only under restricted conditions | 37 m/min       | N        |
| Steel < 500 N/mm <sup>2</sup> | suitable                                  | 28 m/min       | P        |
| wet maximum                   | suitable                                  |                |          |
| wet minimum                   | suitable                                  |                |          |