

**Garant**
**Slot drills, uncoated, Ø e8 DC: 10mm**


## Order data

|              |               |
|--------------|---------------|
| Order number | 191320 10     |
| GTIN         | 4045197101723 |
| Item class   | 11W           |

## Description

### Version:

Centre cutting teeth for plunging.

### Eccentric relief ground.

- **Wide, precision ground chip flutes.**
- **Extremely fine workpiece surfaces due to precisely ground cutting edges.**
- **Special rake angle for aluminium.**

### Note:

For milling keyways.

## Technical description

|   |                                  |
|---|----------------------------------|
| Feed $f_z$ for slot milling in short-chipping aluminium | 0.029 mm                         |
| Cutting edge Ø $D_c$                                    | 10 mm                            |
| No. of teeth Z  | 3                                |
| Shank Ø $D_s$   | 10 mm                            |
| Overall length L  | 72 mm                            |
| Flute length $L_c$                                      | 22 mm                            |
| Direction of infeed                                     | horizontal, oblique and vertical |
| Shank   | DIN 1835 B to h6                 |
| Tolerance nominal Ø                                     | e8                               |
| Helix angle   | 42 degrees                       |
| Corner chamfer angle                                    | 90 degrees                       |

|                 |                 |
|-----------------|-----------------|
| Coating         | uncoated        |
| Tool material   | HSS Co 8        |
| Standard        | DIN 844 B       |
| Type            | W               |
| Through-coolant | no              |
| Colour ring     | yellow          |
| Type of product | End / face mill |

### 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                                  |                |          |