


**Solid carbide milling cutter, uncoated, Ø e8 DC: 3mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 202307 3      |
| GTIN         | 4045197931610 |
| Item class   | 12X           |

**Description**
**Version:**

Dimensions similar to **DIN 6527**.

**Note:**

**Successor product to No. 202240 / 202245.**

**Technical description**

|                                                                       |                                  |
|-----------------------------------------------------------------------|----------------------------------|
| Tolerance nominal Ø                                                   | e8                               |
| Overall length L                                                      | 57 mm                            |
| Flute length L <sub>c</sub>                                           | 8 mm                             |
| Feed f <sub>z</sub> for side milling in steel < 750 N/mm <sup>2</sup> | 0.025 mm                         |
| Helix angle                                                           | 45 degrees                       |
| Shank Ø D <sub>s</sub>                                                | 6 mm                             |
| Shank                                                                 | DIN 6535 HB to h6                |
| No. of teeth Z                                                        | 3                                |
| Direction of infeed                                                   | horizontal, oblique and vertical |
| Feed f <sub>z</sub> for slot milling in steel < 750 N/mm <sup>2</sup> | 0.02 mm                          |
| Cutting edge Ø D <sub>c</sub>                                         | 3 mm                             |
| Shank form                                                            | HB                               |
| Corner chamfer angle                                                  | 90 degrees                       |

|                                           |                             |
|-------------------------------------------|-----------------------------|
| Coating                                   | uncoated                    |
| 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 |
| Through-coolant                           | no                          |
| Colour ring                               | without                     |
| Type of product                           | End / face mill             |

### User data

|                               | Suitability                               | $V_c$     | ISO code |
|-------------------------------|-------------------------------------------|-----------|----------|
| Alu plastics                  | suitable only under restricted conditions | 170 m/min | N        |
| Aluminium (short chipping)    | suitable                                  | 140 m/min | N        |
| Alu > 10% Si                  | suitable                                  | 100 m/min | N        |
| Steel < 500 N/mm <sup>2</sup> | suitable                                  | 70 m/min  | P        |
| Steel < 750 N/mm <sup>2</sup> | suitable                                  | 60 m/min  | P        |
| Steel < 900 N/mm <sup>2</sup> | suitable                                  | 45 m/min  | P        |
| INOX < 900 N/mm <sup>2</sup>  | suitable only under restricted conditions | 40 m/min  | M        |
| GG(G)                         | suitable only under restricted conditions | 55 m/min  | K        |
| Uni                           | suitable only under restricted conditions |           |          |
| wet maximum                   | suitable                                  |           |          |
| wet minimum                   | Suitable                                  |           |          |
| dry                           | suitable only under restricted conditions |           |          |
| Air                           | Suitable                                  |           |          |

