


**Solid carbide roughing end mill HPC, uncoated, Ø e8 DC: 10 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 205270 10     |
| GTIN         | 4062406122638 |
| Item class   | 12X           |

**Description**
**Version:**

For roughing.

Special profile for machining non-ferrous metals.

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  $L_c$ : 30 mm

Overhang length  $L_1$  incl. recess: 38 mm

Recess Ø  $D_1$ : 9.5 mm

Overall length L: 80 mm

Shank Ø  $D_s$ : 10 mm

**Technical description**

|                                                         |         |
|---------------------------------------------------------|---------|
| Overhang length $L_1$ incl. recess                      | 38 mm   |
| Shank Ø $D_s$                                           | 10 mm   |
| Recess Ø $D_1$                                          | 9.5 mm  |
| Tolerance nominal Ø                                     | e8      |
| Feed $f_z$ for side milling in short-chipping aluminium | 0.14 mm |
| Cutting edge Ø $D_c$                                    | 10 mm   |
| Feed $f_z$ for slot milling in short-chipping aluminium | 0.12 mm |

|                                                    |                                  |
|----------------------------------------------------|----------------------------------|
| Helix angle                                        | 45 degrees                       |
| Direction of infeed                                | horizontal, oblique and vertical |
| Shank                                              | DIN 6535 HA to h6                |
| Overall length L                                   | 80 mm                            |
| Flute length L <sub>c</sub>                        | 30 mm                            |
| No. of teeth Z                                     | 3                                |
| Corner rounding r <sub>v</sub>                     | 0.32 mm                          |
| Coating                                            | uncoated                         |
| Tool material                                      | Solid carbide                    |
| Standard                                           | Manufacturer's standard          |
| Milling profile                                    | WR                               |
| Cutting width a <sub>e</sub> for milling operation | Full slot cutting depth 1×D      |
| Cutting width a <sub>e</sub> for milling operation | 0.5×D for side milling           |
| Through-coolant                                    | no                               |
| Machining strategy                                 | HPC                              |
| Colour ring                                        | yellow                           |
| Type of product                                    | End mill                         |

## Services

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