



## Solid carbide mini milling cutter, uncoated, Ø e8 DC: 14mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 202262 14     |
| GTIN         | 4045197864239 |
| Item class   | 12X           |

### Description

#### Version:

Shank similar to **DIN 6535 HB**.

#### Save on regrinding costs:

It is cheaper to use solid carbide mini milling cutters to the wear limit than to regrind them.

### Technical description

|   |                                  |
|---|----------------------------------|
| Direction of infeed   | horizontal, oblique and vertical |
| Shank form  | HB                               |
| No. of teeth Z  | 3                                |
| Feed $f_z$ for side milling in steel $< 750 \text{ N/mm}^2$ | 0.1 mm                           |
| Tolerance nominal Ø   | e8                               |
| Flute length $L_c$  | 15 mm                            |
| Cutting edge Ø $D_c$  | 14 mm                            |
| Shank Ø $D_s$   | 14 mm                            |
| Overall length L  | 60 mm                            |
| Feed $f_z$ for slot milling in steel $< 750 \text{ N/mm}^2$ | 0.07 mm                          |
| Shank   | HB with h6                       |
| Helix angle   | 30 degrees                       |
| Corner chamfer angle  | 45 degrees                       |

|   |                             |
|---|-----------------------------|
| Coating                                   | uncoated                    |
| Tool material                             | Solid carbide               |
| Standard                                  | Manufacturer's standard     |
| Type                                      | N                           |
| Cutting width $a_e$ for milling operation | 0.3×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                                  |           |          |

