



## Mini milling cutter HSS-Co8, uncoated, Ø e8 DC: 16mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 191360 16     |
| GTIN         | 4045197102188 |
| Item class   | 12W           |

### Description

#### Version:

Centre cutting teeth for plunging.

**Eccentric relief ground.** Shank similar to DIN 1835 B with shank tolerance h6. General-purpose cutting edge geometry. For use as **slot drill or end mill** in side lock arbors and collet chucks.

**High cutting performance,** very competitive price. For milling keyways.

#### Note:

Save the regrinding costs: it is cheaper to use a mini slot drill to the limit of wear and throw it away, than to regrind it.

### Technical description

|  |                                  |
|--|----------------------------------|
| Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup> | 0.05 mm                          |
| Cutting edge Ø $D_c$   | 16 mm                            |
| No. of teeth Z   | 3                                |
| Shank Ø $D_s$  | 16 mm                            |
| Overall length L   | 64 mm                            |
| Flute length $L_c$   | 19 mm                            |
| Direction of infeed  | horizontal, oblique and vertical |
| Shank  | HB with h6                       |
| Tolerance nominal Ø  | e8                               |
| Helix angle  | 30 degrees                       |

|                      |                         |
|----------------------|-------------------------|
| Corner chamfer angle | 90 degrees              |
| Coating              | uncoated                |
| Tool material        | HSS Co 8                |
| Standard             | Manufacturer's standard |
| Type                 | N                       |
| Through-coolant      | no                      |
| Colour ring          | without                 |
| Type of product      | End / face mill         |

### User data

|                               | Suitability                               | V <sub>c</sub> | ISO code |
|-------------------------------|---|----------------|----------|
| Aluminium (short chipping)    | suitable only under restricted conditions | 83 m/min       | N        |
| Steel < 500 N/mm <sup>2</sup> | suitable                                  | 30 m/min       | P        |
| Steel < 750 N/mm <sup>2</sup> | suitable                                  | 25 m/min       | P        |
| Steel < 900 N/mm <sup>2</sup> | suitable                                  | 25 m/min       | P        |
| CuZn                          | suitable only under restricted conditions | 55 m/min       | N        |
| wet maximum                   | suitable                                  |                |          |