



Mini milling cutter HSS-Co8, uncoated, Ø e8 DC: 4mm



Order data

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|--------------|---------------|
| Order number | 191400 4 |
| GTIN | 4045197102492 |
| Item class | 12W |

Description

Version:

Centre cutting teeth for plunging.

Eccentric relief ground. General-purpose cutting edge geometry. Shank similar to DIN 1835 B with shank tolerance h6. 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

| | |
|--------------------------------------------------------------|----------------------------------|
| No. of teeth Z | 3 |
| Feed f_z for slot milling in steel < 750 N/mm ² | 0.005 mm |
| Cutting edge Ø D_c | 4 mm |
| Shank Ø D_s | 6 mm |
| Overall length L | 42 mm |
| Flute length L_c | 11 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_c | ISO code |
|-------------------------------|-------------------------------------------|----------|----------|
| Aluminium (short chipping) | suitable only under restricted conditions | 83 m/min | N |
| Steel < 500 N/mm ² | suitable | 30 m/min | P |
| Steel < 750 N/mm ² | suitable | 25 m/min | P |
| Steel < 900 N/mm ² | suitable | 25 m/min | P |
| CuZn | suitable only under restricted conditions | 55 m/min | N |
| wet maximum | suitable | | |