


Solid carbide mini milling cutter, uncoated, Ø e8 DC: 1,8mm

Order data

| | |
|--------------|---------------|
| Order number | 202262 1,8 |
| GTIN | 4045197864024 |
| 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

| | |
|--|----------------------------------|
| Overall length L | 38 mm |
| No. of teeth Z | 3 |
| Feed f_z for slot milling in steel < 750 N/mm ² | 0.005 mm |
| Tolerance nominal Ø | e8 |
| Cutting edge Ø D_c | 1.8 mm |
| Shank | Parallel shank to h6 |
| Feed f_z for side milling in steel < 750 N/mm ² | 0.006 mm |
| Shank Ø D_s | 3 mm |
| Flute length L_c | 3 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank form | HA |
| 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 ² | suitable | 70 m/min | P |
| Steel < 750 N/mm ² | suitable | 60 m/min | P |
| Steel < 900 N/mm ² | suitable | 45 m/min | P |
| INOX < 900 N/mm ² | 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 | | |

