


Solid carbide milling cutter, uncoated, \varnothing e8 DC: 10mm

Order data

| | |
|--------------|---------------|
| Order number | 201310 10 |
| GTIN | 4045197863546 |
| Item class | 12X |

Description
Version:

Dimensions similar to **DIN 6527**.

Note:

Successor product for No. 201640 and 201405.

Technical description

| | |
|---|----------------------------------|
| Flute length L_c | 22 mm |
| Overall length L | 72 mm |
| Cutting edge $\varnothing D_c$ | 10 mm |
| Shank form | HB |
| Direction of infeed | horizontal, oblique and vertical |
| No. of teeth Z | 2 |
| Corner chamfer width at 45° | 0.3 mm |
| Feed f_z for slot milling in steel $< 750 \text{ N/mm}^2$ | 0.06 mm |
| Shank | DIN 6535 HB to h6 |
| Shank $\varnothing D_s$ | 10 mm |
| Tolerance nominal \varnothing | e8 |
| Feed f_z for side milling in steel $< 750 \text{ N/mm}^2$ | 0.09 mm |
| Helix angle | 30 degrees |

| | |
|---|-----------------------------|
| Corner chamfer angle | 45 degrees |
| Coating | uncoated |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | N |
| Cutting width a_e for milling operation | 0.3xD for side milling |
| Cutting width a_e for milling operation | Full slot cutting depth 1xD |
| 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