

Garant
Solid carbide roughing end mill, uncoated, Ø d11 DC: 10mm

Order data

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|--------------|---------------|
| Order number | 205330 10 |
| GTIN | 4045197644008 |
| Item class | 11X |

Description
Version:
Dimensions similar to DIN 6527.
Knuckle form profile.
Special profile for machining non-ferrous metals.
Technical description

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|---|----------------------------------|
| Feed f_z for slot milling in short-chipping aluminium | 0.07 mm |
| Recess $\varnothing D_1$ | 9.8 mm |
| No. of teeth Z | 3 |
| Corner chamfer width at 45° | 0.55 mm |
| Overhang length L_1 incl. recess | 32 mm |
| Cutting edge $\varnothing D_c$ | 10 mm |
| Feed f_z for side milling in short-chipping aluminium | 0.09 mm |
| Shank $\varnothing D_s$ | 10 mm |
| Overall length L | 72 mm |
| Flute length L_c | 22 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HB to h6 |
| Tolerance nominal \varnothing | d11 |

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|---|-----------------------------|
| Helix angle | 30 degrees |
| Corner chamfer angle | 45 degrees |
| Coating | uncoated |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Milling profile | WR |
| Cutting width a_e for milling operation | 0.5×D for side milling |
| Cutting width a_e for milling operation | Full slot cutting depth 1×D |
| Through-coolant | no |
| Colour ring | yellow |
| Type of product | End / face mill |

User data

| | Suitability | V_c | ISO code |
|----------------------------|---|-----------|----------|
| Aluminium | Suitable | 270 m/min | N |
| Aluminium (short chipping) | suitable | 250 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 180 m/min | N |
| Cu | Suitable | 80 m/min | N |
| CuZn | Suitable | 100 m/min | N |
| wet maximum | suitable | | |
| wet minimum | suitable only under restricted conditions | | |
| dry | suitable only under restricted conditions | | |
| Air | Suitable only under restricted conditions | | |