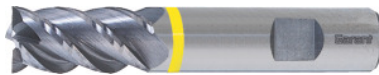


Garant
Solid carbide milling cutter DIN 6535 HB, uncoated, Ø e8 DC: 8mm


Order data

| | |
|--------------|---------------|
| Order number | 202510 8 |
| GTIN | 4045197117236 |
| Item class | 11X |

Description

Version:

Extra sharp cutting edges.

Dimensions similar to DIN 6527.

Double relief ground side clearance angle.

Technical description

| | |
|---|----------------------------------|
| Feed f_z for side milling in short-chipping aluminium | 0.04 mm |
| Cutting edge Ø D_c | 8 mm |
| Overhang length L_1 incl. recess | 27 mm |
| Recess Ø D_1 | 7.8 mm |
| Feed f_z for slot milling in short-chipping aluminium | 0.03 mm |
| No. of teeth Z | 4 |
| Shank Ø D_s | 8 mm |
| Overall length L | 63 mm |
| Flute length L_c | 22 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HB to h6 |
| Tolerance nominal Ø | e8 |
| Helix angle | 45 degrees |

| | |
|---|-----------------------------|
| Corner chamfer angle | 90 degrees |
| Coating | uncoated |
| Tool material | Solid carbide |
| Standard | DIN 6527 |
| Type | W |
| 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 | 180 m/min | N |
| Aluminium (short chipping) | suitable | 140 m/min | N |
| Alu > 10% Si | suitable | 105 m/min | N |
| PMMA acrylic | Suitable | 180 m/min | N |
| PE-HD | Suitable | 130 m/min | N |
| PA 66 | Suitable | 150 m/min | N |
| PEEK | Suitable | 130 m/min | N |
| PF 31 | Suitable | 110 m/min | N |
| Honeycomb sandwich | suitable only under restricted conditions | 180 m/min | N |
| Cu | Suitable | 140 m/min | N |
| CuZn | Suitable | 180 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 |