

Garant
Solid carbide milling cutter, uncoated, Ø e8 DC: 5mm

Order data

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| Order number | 202820 5 |
| GTIN | 4045197662743 |
| Item class | 11X |

Description
Version:

Double relief ground side clearance angle.

Technical description

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|---|----------------------------------|
| Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$ | 0.023 mm |
| Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$ | 0.02 mm |
| Shank form | HA |
| Corner chamfer width at 45° | 0.06 mm |
| No. of teeth Z | 4 |
| Cutting edge $\varnothing D_c$ | 5 mm |
| Shank $\varnothing D_s$ | 5 mm |
| Overall length L | 100 mm |
| Flute length L_c | 25 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Shank | DIN 6535 HA to h6 |
| Tolerance nominal \varnothing | e8 |
| Helix angle | 35 degrees |
| Corner chamfer angle | 45 degrees |
| Coating | uncoated |

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|---|---------------------------------|
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | N |
| Cutting width a_e for milling operation | $0.1 \times D$ for side milling |
| 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 | 110 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 80 m/min | N |
| Steel < 500 N/mm ² | suitable | 50 m/min | P |
| Steel < 750 N/mm ² | suitable | 45 m/min | P |
| Steel < 900 N/mm ² | suitable | 40 m/min | P |
| Steel < 1100 N/mm ² | suitable | 35 m/min | P |
| Steel < 1400 N/mm ² | suitable | 25 m/min | P |
| INOX < 900 N/mm ² | suitable | 35 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 only under restricted conditions | | |