

Garant
Solid carbide milling cutter, TiAlN, Ø e8 DC: 8mm

Order data

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|--------------|---------------|
| Order number | 202825 8 |
| GTIN | 4045197948168 |
| Item class | 11X |

Description
Version:

Double relief ground side clearance angle.

With **high-performance coating** for general-purpose use.

Technical description

| | |
|---|----------------------------------|
| Tolerance nominal Ø | e8 |
| Shank Ø D _s | 8 mm |
| Helix angle | 35 degrees |
| Flute length L _c | 40 mm |
| Shank form | HB |
| Corner chamfer width at 45° | 0.08 mm |
| Direction of infeed | horizontal, oblique and vertical |
| Feed f _z for side milling in steel < 900 N/mm ² | 0.045 mm |
| No. of teeth Z | 4 |
| Overall length L | 120 mm |
| Cutting edge Ø D _c | 8 mm |
| Shank | DIN 6535 HB to h6 |
| Corner chamfer angle | 45 degrees |
| Coating | TiAlN |

| | |
|---|---------------------------------|
| 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 | 210 m/min | N |
| Alu > 10% Si | suitable only under restricted conditions | 140 m/min | N |
| Steel < 500 N/mm ² | suitable | 80 m/min | P |
| Steel < 750 N/mm ² | suitable | 75 m/min | P |
| Steel < 900 N/mm ² | suitable | 70 m/min | P |
| Steel < 1100 N/mm ² | suitable | 50 m/min | P |
| Steel < 1400 N/mm ² | suitable | 40 m/min | P |
| Steel < 55 HRC | suitable | 25 m/min | H |
| INOX < 900 N/mm ² | suitable | 60 m/min | M |
| INOX > 900 N/mm ² | suitable only under restricted conditions | 40 m/min | M |
| GG(G) | suitable | 70 m/min | K |
| Uni | suitable only under restricted conditions | | |
| wet maximum | suitable | | |
| wet minimum | suitable only under restricted conditions | | |
| dry | suitable only under restricted conditions | | |

Air

suitable only under
restricted conditions