

Garant

Solid carbide deburrer 60°, TiAlN, Ø h6 DC: 6mm



Order data

| | |
|--------------|---------------|
| Order number | 208160 6 |
| GTIN | 4045197129383 |
| Item class | 11X |

Description

Version:

Tolerance: **Dimension S = ±0.1 mm, point angle ±10 arc minutes.**

With special flute geometry for smooth cutting.

Application:

Perfectly suitable for **chamfering** and **deburring** component edges and for **contouring applications**.

Technical description

| | |
|---|-------------------------|
| Dimension S | 5.9 mm |
| Feed f_z in steel < 900 N/mm ² | 0.03 mm |
| No. of teeth Z | 4 |
| Cutting edge Ø D _c | 6 mm |
| Shank Ø D _s | 6 mm |
| Overall length L | 57 mm |
| Shank | DIN 6535 HB to h6 |
| Corner chamfer angle | 60 degrees |
| Chamfer mill | 30 degrees |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |

| | |
|---------------------------------|------------------------|
| Type | N |
| Tolerance nominal \varnothing | h6 |
| Direction of infeed | horizontal and oblique |
| Countersink tip angle | 60 degrees |
| Through-coolant | no |
| Shank tolerance | h6 |
| Colour ring | without |
| Type of product | Deburrers |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|-----------|----------|
| Aluminium (short chipping) | suitable | 280 m/min | N |
| Alu > 10% Si | suitable | 200 m/min | N |
| Steel < 500 N/mm ² | suitable | 120 m/min | P |
| Steel < 750 N/mm ² | suitable | 105 m/min | P |
| Steel < 900 N/mm ² | suitable | 100 m/min | P |
| Steel < 1100 N/mm ² | suitable | 70 m/min | P |
| Steel < 1400 N/mm ² | suitable only under restricted conditions | 60 m/min | P |
| Steel < 55 HRC | suitable only under restricted conditions | 35 m/min | H |
| INOX < 900 N/mm ² | suitable | 80 m/min | M |
| INOX > 900 N/mm ² | suitable | 60 m/min | M |
| GG(G) | suitable | 90 m/min | K |
| Uni | suitable | | |
| wet maximum | suitable | | |
| wet minimum | suitable only under restricted conditions | | |

| | |
|-----|---|
| dry | suitable only under restricted conditions |
| Air | Suitable only under restricted conditions |