

Garant
Solid carbide deburrer, spiral flutes 90°, uncoated, Ø h6 DC: 3mm

Order data

| | |
|--------------|---------------|
| Order number | 208154 3 |
| GTIN | 4062406774769 |
| Item class | 11X |

Description
Version:

Deburrer with **polished flutes** and **sharp cutting edges** especially for machining aluminium and plastic.

Tolerance: **Dimension S = +/- 0.2 mm.**

Point angle = +/- 5 arc minutes.

Outstanding surface qualities thanks to the 35° **helix angle.**

Application:

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

Technical description

| | |
|---|-------------------|
| Overall length L | 50 mm |
| Shank Ø D _s | 3 mm |
| No. of teeth Z | 4 |
| Shank | DIN 6535 HA to h6 |
| Cutting edge Ø D _c | 3 mm |
| Dimension S | 2.1 mm |
| Chamfer mill | 45 degrees |
| Feed f _z in short-chipping aluminium | 0.02 mm |
| Feed f _z in PMMA acrylic | 0.02 mm |
| Coating | uncoated |

| | |
|---------------------------------|-------------------------|
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | N |
| Tolerance nominal \varnothing | h6 |
| Helix angle | 35 degrees |
| Direction of infeed | horizontal and oblique |
| Countersink tip angle | 90 degrees |
| Through-coolant | no |
| Shank tolerance | h6 |
| Colour ring | yellow |
| Type of product | Deburrers |

User data

| | Suitability | V_c | ISO code |
|----------------------------|-------------|-----------|----------|
| Alu plastics | suitable | 480 m/min | N |
| Aluminium (short chipping) | suitable | 440 m/min | N |
| Alu > 10% Si | suitable | 400 m/min | N |
| PMMA acrylic | suitable | 210 m/min | N |
| PEEK | suitable | 150 m/min | N |
| PVDF GF20 | suitable | 150 m/min | N |
| POM GF25 | suitable | 150 m/min | N |
| PA 66 GF30 | suitable | 150 m/min | N |
| PEEK GF30 | suitable | 130 m/min | N |
| PTFE CF25 | suitable | 160 m/min | N |
| Honeycomb sandwich | suitable | 300 m/min | N |
| Cu | suitable | 160 m/min | N |
| CuZn | suitable | 200 m/min | N |
| wet maximum | suitable | | |

