

Garant

Solid carbide front / back corner rounding cutter, TiAlN, Radius r: 0,5 mm



Order data

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|--------------|---------------|
| Order number | 208172 0,5 |
| GTIN | 4062406131272 |
| Item class | 11X |

Description

Version:

Extra long shank.

Double ground head **with quadrant profile**.

Tolerance: Size = **Radius r ± 0.05 mm.**

Application:

For **universal application** in virtually all materials. The newly developed coating **effectively prevents formation of built-up edges** – even in aluminium and stainless steel.

For **front** and **back deburring** of edges with contours.

No. of teeth Z: 5

Radius milling: backwards and forwards

No. of teeth Z: 5

small $\varnothing D_3$: 7 mm

large $\varnothing D_2$: 8 mm

$L_2 +0,5$: 2 mm

$\varnothing D_1 +0.05$: 6 mm

$L_4 +0,5$: 26 mm

Technical description

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|--|---------|
| Overall length L | 100 mm |
| No. of teeth Z | 5 |
| Shank $\varnothing D_s$ | 8 mm |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.01 mm |
| large $\varnothing D_2$ | 8 mm |

| | |
|---|---------------------------------|
| small $\varnothing D_3$ | 7 mm |
| Radius r | 0.5 mm |
| $L_2 +0,5$ | 2 mm |
| Flute length L_c | 0.5 mm |
| $\varnothing D_1 +0.05$ | 6 mm |
| $L_4 +0,5$ | 26 mm |
| Radius milling | backwards and forwards |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Type | N |
| Tolerance of radius contour | ± 0.05 |
| Cutting width a_e for milling operation | $0.5 \times r$ for side milling |
| Shank | DIN 6535 HA to h6 |
| Through-coolant | no |
| Shank tolerance | h6 |
| Colour ring | green |
| Type of product | End mill |

Services

| | |
|------------------------|-----------|
| Shank grinding Type HB | 129100 HB |
|------------------------|-----------|