

Garant
Solid carbide forward / reverse corner rounding cutter, TiAlN, Radius r: 0,3mm

Order data

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|--------------|---------------|
| Order number | 208172 0,3 |
| GTIN | 4062406131258 |
| 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.

Technical description

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| Radius r | 0.3 mm |
| No. of teeth Z | 5 |
| Shank $\varnothing D_s$ | 8 mm |
| Flute length L_c | 0.3 mm |
| Feed f_z for side milling in steel < 900 N/mm ² | 0.01 mm |
| $L_2 + 0.5$ | 2 mm |
| small $\varnothing D_3$ | 7.4 mm |
| Overall length L | 100 mm |
| large $\varnothing D_2$ | 8 mm |
| $L_4 + 0.5$ | 26 mm |
| $\varnothing D_1 + 0.05$ | 6 mm |

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|---|---------------------------------|
| 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 |

User data

| | Suitability | V_c | ISO code |
|--------------------------------|---|-----------|----------|
| Aluminium (short chipping) | suitable | 125 m/min | N |
| Alu > 10% Si | suitable | 75 m/min | N |
| Steel < 500 N/mm ² | suitable | 70 m/min | P |
| Steel < 750 N/mm ² | suitable | 70 m/min | P |
| Steel < 900 N/mm ² | suitable | 45 m/min | P |
| Steel < 1100 N/mm ² | suitable | 40 m/min | P |
| INOX < 900 N/mm ² | suitable | 35 m/min | M |
| INOX > 900 N/mm ² | suitable only under restricted conditions | 30 m/min | M |
| GG(G) | suitable | 45 m/min | K |
| Uni | suitable | | |
| wet maximum | suitable | | |
| wet minimum | suitable only under restricted conditions | | |

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|-----------------|----------|
| dry | suitable |
| Air | suitable |
| Services | |

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