

**Garant**
**Solid carbide mini milling cutter, AlCrN, Ø e8 DC: 5,75mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | GG1264 5,75   |
| GTIN         | 4045197907028 |
| Item class   | GGN           |

**Description**
**Version:**

Shank similar to **DIN 6535 HB**. Improved coating for general-purpose applications in steel and cast iron.

**Same as No. 202264.**

**Technical description**

|   |                   |
|---|-------------------|
| Shank Ø D <sub>s</sub>  | 6 mm              |
| Cutting edge Ø D <sub>c</sub>   | 5.75 mm           |
| No. of teeth Z  | 3                 |
| Flute length L <sub>c</sub>   | 8 mm              |
| Shank   | DIN 6535 HB to h6 |
| Shank form  | HB                |
| Overall length L  | 45 mm             |
| Feed f <sub>z</sub> for side milling in steel < 750 N/mm <sup>2</sup> | 0.04 mm           |
| Corner chamfer width at 45°   | 0.2 mm            |
| Helix angle   | 45 degrees        |

|  |                                      |
|--|--------------------------------------|
| Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup> | 0.03 mm                              |
| Direction of infeed  | horizontal, oblique and vertical     |
| Tolerance nominal $\varnothing$                              | e8                                   |
| Contents   | 5                                    |
| Coating  | AlCrN                                |
| Tool material  | Solid carbide                        |
| Standard   | Manufacturer's standard              |
| Type   | N                                    |
| Cutting width $a_e$ for milling operation                    | Full slot cutting depth $1 \times D$ |
| Cutting width $a_e$ for milling operation                    | $0.5 \times D$ for side milling      |
| Type of product  | End / face mill                      |

## 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 <sup>2</sup>  | suitable    | 120 m/min | P        |
| Steel < 750 N/mm <sup>2</sup>  | suitable    | 110 m/min | P        |
| Steel < 900 N/mm <sup>2</sup>  | suitable    | 100 m/min | P        |
| Steel < 1100 N/mm <sup>2</sup> | suitable    | 70 m/min  | P        |
| Steel < 1400 N/mm <sup>2</sup> | suitable    | 60 m/min  | P        |
| INOX < 900 N/mm <sup>2</sup>   | suitable    | 70 m/min  | M        |
| INOX > 900 N/mm <sup>2</sup>   | suitable    | 50 m/min  | M        |
| GG(G)                          | suitable    | 90 m/min  | K        |
| Uni                            | suitable    |           |          |
| wet maximum                    | suitable    |           |          |
| wet minimum                    | suitable    |           |          |

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

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## Accessories

|   |             |
|---|-------------|
| Solid carbide mini milling cutter Ø e8 DC 5,75 mm | 202264 5,75 |
|---|-------------|