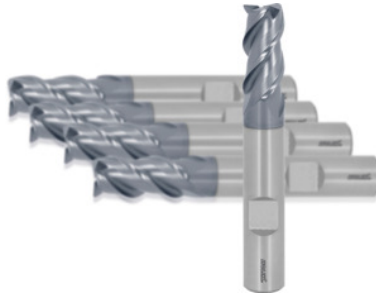



**Solid carbide milling cutter, AlCrN, Ø e8 DC: 4mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | GG1296 4      |
| GTIN         | 4045197907851 |
| Item class   | GGN           |

**Description**
**Version:**

Dimensions similar to **DIN 6527**.

Improved coating for general-purpose applications in steel and cast iron.

**Same as No. 202296.**

**Technical description**

|  |                   |
|--|-------------------|
| Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup> | 0.02 mm           |
| Shank form   | HB                |
| Flute length $L_c$   | 11 mm             |
| Overall length $L$   | 57 mm             |
| Cutting edge $\varnothing D_c$                               | 4 mm              |
| No. of teeth $Z$   | 3                 |
| Shank  | DIN 6535 HB to h6 |
| Shank $\varnothing D_s$                                      | 6 mm              |
| Tolerance nominal $\varnothing$                              | e8                |

|  |                                  |
|--|----------------------------------|
| Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup> | 0.025 mm                         |
| Direction of infeed  | horizontal, oblique and vertical |
| Corner chamfer width at 45°                                  | 0.18 mm                          |
| Helix angle  | 45 degrees                       |
| Corner chamfer angle   | 45 degrees                       |
| Contents   | 5                                |
| Coating  | AlCrN                            |
| Tool material  | Solid carbide                    |
| Standard   | DIN 6527                         |
| Type   | N                                |
| Cutting width $a_e$ for milling operation                    | 0.3×D for side milling           |
| Cutting width $a_e$ for milling operation                    | Full slot cutting depth 1×D      |
| Type of product  | End / face mill                  |

## User data

|                                | Suitability                               | $V_c$     | ISO code |
|--------------------------------|---|-----------|----------|
| Aluminium (short chipping)     | suitable only under restricted conditions | 200 m/min | N        |
| Alu > 10% Si                   | suitable only under restricted conditions | 160 m/min | N        |
| Steel < 500 N/mm <sup>2</sup>  | suitable                                  | 100 m/min | P        |
| Steel < 750 N/mm <sup>2</sup>  | suitable                                  | 80 m/min  | P        |
| Steel < 900 N/mm <sup>2</sup>  | suitable                                  | 70 m/min  | P        |
| Steel < 1100 N/mm <sup>2</sup> | suitable                                  | 50 m/min  | P        |
| INOX < 900 N/mm <sup>2</sup>   | suitable                                  | 60 m/min  | M        |
| INOX > 900 N/mm <sup>2</sup>   | suitable only under restricted conditions | 40 m/min  | M        |
| GG(G)                          | suitable                                  | 75 m/min  | K        |
| Uni                            | suitable only under restricted conditions |           |          |

|             |   |
|-------------|---|
| wet maximum | suitable                                  |
| wet minimum | suitable                                  |
| dry         | suitable only under restricted conditions |
| Air         | suitable                                  |

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## Accessories

Solid carbide milling cutter Ø e8 DC 4 mm

202296 4