

**Garant****Value pack solid carbide jobber drill extra short, 5 pieces****Order data**

|              |               |
|--------------|---------------|
| Order number | GG1251 4,3    |
| GTIN         | 4067263106562 |
| Item class   | GGN           |

**Description****Version:**

With the same nominal and shank Ø.  
TiAlN coating for even better performance.  
Similar to DIN 6539 (extra-short).

**Same as number: 122151.**

**Note:**

Flute length  $L_c = L_2 + 1.5 \times D_c$ .

Non slip clamping in drill chuck No. 341050 with diamond coated clamping jaws.

**Technical description**

|                                           |              |
|-------------------------------------------|--------------|
| Standard                                  | DIN 6539     |
| Feed $f$ in steel $< 1100 \text{ N/mm}^2$ | 0.08 mm/rev. |
| Tolerance nominal Ø                       | h7           |
| Flute length $L_c$                        | 24 mm        |
| Contents                                  | 5"           |
| Overall length $L$                        | 58 mm        |

## Data sheet

|                                          |                      |
|------------------------------------------|----------------------|
| Shank tolerance                          | h7                   |
| Nominal $\varnothing D_c$                | 4.3 mm               |
| recommended maximum drilling depth $L_2$ | 17.6 mm              |
| Shank $\varnothing D_s$                  | 4.3 mm               |
| Number of cutting edges Z                | 2                    |
| Coating                                  | TiAlN                |
| Tool material                            | Solid carbide        |
| Type                                     | N                    |
| Point angle                              | 118 degrees          |
| Helix angle                              | 30 degrees           |
| Shank                                    | Parallel shank to h7 |
| Through-coolant                          | no                   |
| Colour ring                              | without              |
| Type of product                          | Jobber drill         |

## User data

|                                | Suitability                               | $V_c$     | ISO code |
|--------------------------------|-------------------------------------------|-----------|----------|
| Alu plastics                   | suitable only under restricted conditions | 260 m/min | N        |
| Aluminium (short chipping)     | suitable                                  | 180 m/min | N        |
| Alu > 10% Si                   | suitable                                  | 180 m/min | N        |
| Steel < 500 N/mm <sup>2</sup>  | suitable                                  | 90 m/min  | P        |
| Steel < 750 N/mm <sup>2</sup>  | suitable                                  | 90 m/min  | P        |
| Steel < 900 N/mm <sup>2</sup>  | suitable                                  | 80 m/min  | P        |
| Steel < 1100 N/mm <sup>2</sup> | suitable                                  | 60 m/min  | P        |
| Steel < 1400 N/mm <sup>2</sup> | suitable                                  | 35 m/min  | P        |
| INOX < 900 N/mm <sup>2</sup>   | suitable                                  | 35 m/min  | M        |
| INOX > 900 N/mm <sup>2</sup>   | suitable                                  | 25 m/min  | M        |

|                            |                                              |           |   |
|----------------------------|----------------------------------------------|-----------|---|
| Ti > 850 N/mm <sup>2</sup> | suitable                                     | 25 m/min  | S |
| GG(G)                      | suitable                                     | 90 m/min  | K |
| CuZn                       | suitable                                     | 180 m/min | N |
| Uni                        | suitable                                     |           |   |
| Oil                        | suitable                                     |           |   |
| wet maximum                | suitable                                     |           |   |
| dry                        | suitable only under<br>restricted conditions |           |   |
| <b>Suitable products</b>   |                                              |           |   |

No Shop URL available for: GG1251 4,3