

**Garant****Solid carbide jobber drill, TiAlN, Ø DC h7: 3mm****Order data**

|              |               |
|--------------|---------------|
| Order number | GG1252 3      |
| GTIN         | 4067263106562 |
| Item class   | GGN           |

**Description****Version:**

With the same nominal and shank Ø.

TiAlN coating for even better performance.

Similar to DIN 338.

**Same as number: 122251.**

**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**

|                                          |         |
|------------------------------------------|---------|
| Number of cutting edges Z                | 2       |
| Flute length $L_c$                       | 33 mm   |
| Tolerance nominal Ø                      | h7      |
| Shank Ø $D_s$                            | 3 mm    |
| Standard                                 | DIN 338 |
| recommended maximum drilling depth $L_2$ | 28.5 mm |

## Data sheet

|                                          |                      |
|------------------------------------------|----------------------|
| Feed f in steel < 1100 N/mm <sup>2</sup> | 0.08 mm/rev.         |
| Overall length L                         | 61 mm                |
| Contents                                 | 5"                   |
| Nominal Ø D <sub>c</sub>                 | 3 mm                 |
| Shank tolerance                          | h7                   |
| 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 <sub>c</sub> | 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: GG1252 3