

**Garant**
**Solid carbide stub stepped drill 180°, TiAlN, for screws: M3**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 125120 M3     |
| GTIN         | 4045197065018 |
| Item class   | 11E           |

**Description**
**Version:**

**Very sturdy**– step length to DIN 8376. **Tight concentricity tolerances** between drill and counterbore  $\varnothing$  guarantee exact alignment.

**Application:**

For screw through holes to DIN-ISO 273 and counterbores to DIN 74, sheet 2 form H, J, and K, medium version. For screws to DIN 912, 6912, and 7984, ISO 1207 (DIN 84).

$\varnothing D_1$  1st step 180° h8: 3.4 mm

$\varnothing D_2$  2nd step 180° h8: 6 mm

Step height  $L_1$  1st step 180°: 9 mm

Flute length  $L_c$ : 28 mm

Overall length  $L$ : 64 mm

Shank  $\varnothing D_s$ : 6 mm

**Technical description**

|  |              |
|--|--------------|
| Step height $L_1$ 1st step 180°            | 9 mm         |
| $\varnothing D_1$ 1st step 180° h8         | 3.4 mm       |
| Feed $f$ in steel < 1100 N/mm <sup>2</sup> | 0.08 mm/rev. |
| Flute length $L_c$                         | 28 mm        |
| $\varnothing D_2$ 2nd step 180° h8         | 6 mm         |
| for screws                                 | M3           |
| Number of cutting edges $Z$                | 2            |
| Shank $\varnothing D_s$                    | 6 mm         |

|                                 |               |
|---------------------------------|---------------|
| Overall length L                | 64 mm         |
| Coating                         | TiAlN         |
| Tool material                   | Solid carbide |
| Standard                        | DIN 8376      |
| Type                            | N             |
| Tolerance nominal $\varnothing$ | h8            |
| Point angle                     | 140 degrees   |
| Shank                           | Plain shank   |
| Countersink angle               | 180 degrees   |
| Through-coolant                 | no            |
| Shank tolerance                 | h6            |
| Colour ring                     | without       |
| Type of product                 | Stepped drill |