

**Garant**
**HSS jobber drill N, uncoated, Ø DC h8: 2,3 mm or inch**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 114150 2,3    |
| GTIN         | 4045197012678 |
| Item class   | 11B           |

**Description**
**Version:**

Profile ground: Jobber drill with high pitch accuracy and concentricity as well as precision ground point.

Steam tempered from Ø 2.4 mm.

With point geometry shape C from size 4 mm

**Note:**

Size 16 - 20: Drills with shank Ø 16 mm.

Through-coolant: no

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 23.6 mm

Flute length  $L_c$ : 27 mm

Overall length L: 53 mm

Shank Ø  $D_s$ : 2.3 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.03 mm/rev.

**Technical description**

|   |              |
|---|--------------|
| Nominal Ø $D_c$                         | 2.3 mm       |
| Feed f in steel < 750 N/mm <sup>2</sup> | 0.03 mm/rev. |
| Number of cutting edges Z               | 2            |
| Flute length $L_c$                      | 27 mm        |
| Tolerance nominal Ø                     | h8           |

|  |              |
|--|--------------|
| Shank $\varnothing D_s$                  | 2.3 mm       |
| Overall length L                         | 53 mm        |
| Standard                                 | DIN 338      |
| recommended maximum drilling depth $L_2$ | 23.6 mm      |
| Point angle                              | 118 degrees  |
| Coating                                  | uncoated     |
| Tool material                            | HSS          |
| Type                                     | N            |
| Shank                                    | Plain shank  |
| Through-coolant                          | no           |
| Colour ring                              | without      |
| Type of product                          | Jobber drill |

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## Accessories

|  |            |
|--|------------|
| Jobber drill set HSS No. 114150 in a case Type 1-6     | 115120 1-6 |
| Jobber drill set HSS No. 114150 as refill set Type 1-6 | 115140 1-6 |