

**Garant**
**HSS jobber drill N, uncoated, Ø DC h8 (mm or inch): 39/64**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 114150 39/64  |
| GTIN         | 4045197364562 |
| 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

**Recommendation:**
**Maximum drilling depth:**

$$L_2 = L_c - 1.5 \times D_c.$$

**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

Inch nominal Ø corresponds to: 15.48 mm

recommended maximum drilling depth  $L_2$ : 96.8 mm

Flute length  $L_c$ : 120 mm

Overall length L: 178 mm

Shank Ø  $D_s$ : 15.48 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.16 mm/rev.

**Technical description**

|   |              |
|---|--------------|
| Inch nominal Ø corresponds to           | 15.48 mm     |
| Flute length $L_c$                      | 120 mm       |
| Feed f in steel < 750 N/mm <sup>2</sup> | 0.16 mm/rev. |

|  |              |
|--|--------------|
| Number of cutting edges Z                | 2            |
| Tolerance nominal $\varnothing$          | h8           |
| Shank $\varnothing D_s$                  | 15.48 mm     |
| Overall length L                         | 178 mm       |
| Standard                                 | DIN 338      |
| recommended maximum drilling depth $L_2$ | 96.8 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 |