

**Garant**

**Jobber drill extra long HSS N, uncoated, Ø DC h8 × overall length L: 11,5X365 mm**

**Order data**

|              |                 |
|--------------|-----------------|
| Order number | 116245 11,5X365 |
| GTIN         | 4062406264857   |
| Item class   | 11B             |

**Description****Version:**

With precision ground point.

Vaporised high performance drills for drilling particularly deep holes. Take particular care to ensure **frequent chip clearance**.

**Recommendation:**

Maximum drilling depth:

Flute length  $L_c$  (see table) less  $1.5 \times \varnothing D_c$ .

**Note:**

Suitable NC spotting drills No. 112103, 112110 and 112160 with **120° tip angle** for enhanced process reliability

Through-coolant: no

Standard: DIN 1869

Tolerance nominal  $\varnothing$ : h8

Point angle: 118 degrees

Number of cutting edges Z: 2

Flute length  $L_c$ : 250 mm

Overall length L: 365 mm

Shank  $\varnothing D_s$ : 11.5 mm

Feed f in steel <  $750 \text{ N/mm}^2$ : 0.1 mm/rev.

**Technical description**

|                                 |          |
|---------------------------------|----------|
| Tolerance nominal $\varnothing$ | h8       |
| Standard                        | DIN 1869 |
| Shank $\varnothing D_s$         | 11.5 mm  |

|                                         |              |
|-----------------------------------------|--------------|
| Nominal Ø D <sub>c</sub>                | 11.5 mm      |
| Number of cutting edges Z               | 2            |
| Overall length L                        | 365 mm       |
| Feed f in steel < 750 N/mm <sup>2</sup> | 0.1 mm/rev.  |
| Point angle                             | 118 degrees  |
| Flute length L <sub>c</sub>             | 250 mm       |
| Coating                                 | uncoated     |
| Tool material                           | HSS          |
| Type                                    | N            |
| Helix angle                             | 38 degrees   |
| Shank                                   | Plain shank  |
| Through-coolant                         | no           |
| Colour ring                             | without      |
| Type of product                         | Jobber drill |