

## Garant

### Jobber drill long HSS N, uncoated, Ø DC h8: 3,5 mm



#### Order data

|              |               |
|--------------|---------------|
| Order number | 116000 3,5    |
| GTIN         | 4045197025371 |
| Item class   | 11B           |

#### Description

##### Version:

Vaporised from 2.4 mm. Particularly for deep hole drilling (for deep holes, repeated chip evacuation is necessary).

With point geometry shape A from size 4 mm.

##### Advantage:

Especially suitable for **long reach purposes**. (When used to drill deep holes, low feed rates and frequent drill pecks are necessary).

##### Recommendation:

Maximum drilling depth:

flute length (see table) less 1.5×nominal Ø.

##### Note:

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

Through-coolant: no

Standard: DIN 340

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 67.75 mm

Flute length  $L_c$ : 73 mm

Overall length L: 112 mm

Shank Ø  $D_s$ : 3.5 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.02 mm/rev.

#### Technical description

|                 |        |
|-----------------|--------|
| Nominal Ø $D_c$ | 3.5 mm |
|-----------------|--------|

|  |              |
|--|--------------|
| Flute length $L_c$                       | 73 mm        |
| Feed $f$ in steel $< 750 \text{ N/mm}^2$ | 0.02 mm/rev. |
| Number of cutting edges $Z$              | 2            |
| Tolerance nominal $\varnothing$          | h8           |
| Shank $\varnothing D_s$                  | 3.5 mm       |
| Overall length $L$                       | 112 mm       |
| Standard                                 | DIN 340      |
| recommended maximum drilling depth $L_2$ | 67.75 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 |