



## HSS jobber drill rolled N, uncoated, Ø DC h8: 13 mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 114000 13     |
| GTIN         | 4045197009524 |
| Item class   | 12B           |

### Description

#### Version:

**Roll forged**, standard helix angle, core thickness and core taper.

Dimensions to DIN 338.

No interruption in the material structure, so the drill is more resilient and suitable for arduous drilling tasks (e. g. with hand held drills). Economy version.

Through-coolant: no

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 81.5 mm

Flute length  $L_c$ : 101 mm

Overall length L: 151 mm

Shank Ø  $D_s$ : 13 mm

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

### Technical description

|   |              |
|---|--------------|
| Feed f in steel < 750 N/mm <sup>2</sup> | 0.16 mm/rev. |
| Flute length $L_c$                      | 101 mm       |
| Number of cutting edges Z               | 2            |
| Nominal Ø $D_c$                         | 13 mm        |
| Tolerance nominal Ø                     | h8           |
| Shank Ø $D_s$                           | 13 mm        |
| Overall length L                        | 151 mm       |

|   |              |
|---|--------------|
| recommended maximum drilling depth L <sub>2</sub> | 81.5 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. 114000 as refill set Type 1-13   | 115020 1-13   |
| Jobber drill set HSS No. 114000 in a case Type 1-13KB     | 115000 1-13KB |
| Jobber drill set HSS No. 114000 in a case Type 1-13       | 115000 1-13   |
| Jobber drill set HSS No. 114000 as refill set Type 1-13KB | 115020 1-13KB |