



## HSS jobber drill Precision roll forged N, uncoated, Ø DC h8: 4,5 mm



### Order data

Order number	114020 4,5
GTIN	4045197009883
Item class	12B

### Description

#### Version:

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

Dimensions to DIN 338.

Robust jobber drill with strengthened core and small chisel point for easy spot drilling and accurate centring of the designated hole. **Precision roll forged flutes.**

#### Note:

Size 14-20: Shank Ø 13 mm with 3 drive flats.

Through-coolant: no

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 40.3 mm

Flute length  $L_c$ : 47 mm

Overall length L: 80 mm

Shank Ø  $D_s$ : 4.5 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.05 mm/rev.

### Technical description

Flute length $L_c$	47 mm
Feed f in steel < 750 N/mm <sup>2</sup>	0.05 mm/rev.
Nominal Ø $D_c$	4.5 mm
Number of cutting edges Z	2
Tolerance nominal Ø	h8
Shank Ø $D_s$	4.5 mm

Overall length L	80 mm
recommended maximum drilling depth L <sub>2</sub>	40.3 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

## Accessories

Jobber drill set HSS No. 114020 as refill set Type 1-10	115032 1-10
Jobber drill set HSS No. 114020 as refill set Type 1-13	115032 1-13
Jobber drill set HSS No. 114020 in a case Type 1-13	115030 1-13
Jobber drill set HSS No. 114020 in a case Type 1-10	115030 1-10