



## HSS jobber drill rolled N, uncoated, Ø DC h8: 4,5 mm



### Order data

Order number	114000 4,5
GTIN	4045197008855
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  $L_2$ : 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

Nominal Ø $D_c$	4.5 mm
Number of cutting edges Z	2
Feed f in steel < 750 N/mm <sup>2</sup>	0.05 mm/rev.
Flute length $L_c$	47 mm
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. 114000 in a case Type 1-6	115000 1-6
Jobber drill set HSS No. 114000 in a case Type 1-13KB	115000 1-13KB
Jobber drill set HSS No. 114000 as refill set Type 1-10,5	115020 1-10,5
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 1-10	115020 1-10
Jobber drill set HSS No. 114000 in a case Type 1-10C	115000 1-10C
Jobber drill set HSS No. 114000 as refill set Type 1-6	115020 1-6
Jobber drill set HSS No. 114000 in a case Type 1-10,5	115000 1-10,5
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 1-10	115000 1-10
Jobber drill set HSS No. 114000 as refill set Type 2-10	115020 2-10
Jobber drill set HSS No. 114000 in a case Type 2-10	115000 2-10
Jobber drill set HSS No. 114000 as refill set Type 1-13KB	115020 1-13KB