

**Garant**
**HSS jobber drill N, uncoated, Ø DC h8: 5 mm or inch**

**Order data**

Order number	114150 5
GTIN	4045197012968
Item class	11B

**Description**
**Version:**

Profile ground: Jobber drill with high pitch accuracy and concentricity as well as precision ground point.

Steam tempered from Ø 2.4 mm.

With point geometry shape C from size 4 mm

**Note:**

Size 16 - 20: Drills with shank Ø 16 mm.

Through-coolant: no

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 44.5 mm

Flute length  $L_c$ : 52 mm

Overall length L: 86 mm

Shank Ø  $D_s$ : 5 mm

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

**Technical description**

Nominal Ø $D_c$	5 mm
Flute length $L_c$	52 mm
Feed f in steel < 750 N/mm <sup>2</sup>	0.05 mm/rev.
Number of cutting edges Z	2
Tolerance nominal Ø	h8

Shank $\varnothing D_s$	5 mm
Overall length L	86 mm
Standard	DIN 338
recommended maximum drilling depth $L_2$	44.5 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

## Accessories

Jobber drill set HSS No. 114150 in a case Type 1-6	115120 1-6
Hand taps + tapping drills for metric threads M3-12	146150 M3-12
Jobber drill set HSS No. 114150 in a case Type 1-10C	115120 1-10C
Thread Set with tap sets, 3 pieces for metric threads M3-12	145112 M3-12
Through hole machine taps + tapping drills for metric threads M3-12	146550 M3-12
Through hole taps, stub + tapping drills + tap wrench for metric threads M3-12	146260 M3-12
Jobber drill set HSS No. 114150 in a case Type 1-10	115120 1-10
Blind hole machine taps + tapping drills for metric threads M3-12	146850 M3-12
Jobber drill set HSS No. 114150 as refill set Type 1-6	115140 1-6
Blind hole taps, stub + tapping drills for metric threads M3-12	146350 M3-12
Thread Set with spiral point taps for metric threads M3-12	145312 M3-12

Through hole machine taps + tapping drills for metric threads M3-12	146450 M3-12
Jobber drill set HSS No. 114150 in a case Type 1-13	115120 1-13
Jobber drill set HSS No. 114150 in a case Type 1-13KB	115120 1-13KB
Blind hole machine taps + tapping drills for metric threads M3-12	146750 M3-12