

Garant
HSS jobber drill N, uncoated, Ø DC h8: 2,9 mm or inch

Order data

Order number	114150 2,9
GTIN	4045197012739
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 : 28.7 mm

Flute length L_c : 33 mm

Overall length L: 61 mm

Shank Ø D_s : 2.9 mm

Feed f in steel < 750 N/mm²: 0.03 mm/rev.

Technical description

Nominal Ø D_c	2.9 mm
Number of cutting edges Z	2
Flute length L_c	33 mm
Feed f in steel < 750 N/mm ²	0.03 mm/rev.
Tolerance nominal Ø	h8

Shank $\varnothing D_s$	2.9 mm
Overall length L	61 mm
Standard	DIN 338
recommended maximum drilling depth L_2	28.7 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
Jobber drill set HSS No. 114150 as refill set Type 1-6	115140 1-6