

Garant
HSS jobber drill N, uncoated, Ø DC h8: 19,5 mm or inch

Order data

Order number	114150 19,5
GTIN	4045197013910
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 L₂: 110.8 mm

Flute length L_c: 140 mm

Overall length L: 205 mm

Shank Ø D_s: 16 mm

Feed f in steel < 750 N/mm²: 0.2 mm/rev.

Technical description

Nominal Ø D _c	19.5 mm
Feed f in steel < 750 N/mm ²	0.2 mm/rev.
Flute length L _c	140 mm
Number of cutting edges Z	2
Tolerance nominal Ø	h8

Shank Ø D _s	16 mm
Overall length L	205 mm
Standard	DIN 338
recommended maximum drilling depth L ₂	110.8 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