

Garant
Jobber drill long HSS N, uncoated, Ø DC h8: 13,5 mm

Order data

Order number	116700 13,5
GTIN	4045197034250
Item class	11C

Description
Version:

Compared to DIN 345 the flute length is longer by the drill bushing height. Thus the effective drilling depth is unaffected. Special surface treatment for improved chip evacuation.

With point geometry shape A.

Advantage:

For drilling through drill bushings in tool making, machine building and series production. Particularly important for drilling into uneven, inclined or arched surfaces.

Recommendation:
Maximum drilling depth:

$$L_2 = L_c - 1.5 \times D_c$$

Note:

For suitable reducing adapters for tools with MT shanks see **No. 343000-343530**.

Through-coolant: no

Standard: DIN 341

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 121.8 mm

Flute length L_c : 142 mm

Overall length L: 223 mm

Morse taper MT size: 1

Feed f in steel < 750 N/mm²: 0.16 mm/rev.

Technical description

Nominal Ø D_c	13.5 mm
Feed f in steel < 750 N/mm ²	0.16 mm/rev.

Flute length L_c	142 mm
Number of cutting edges Z	2
Tolerance nominal \varnothing	h8
Overall length L	223 mm
Morse taper MT size	1
Standard	DIN 341
recommended maximum drilling depth L_2	121.8 mm
Point angle	118 degrees
Coating	uncoated
Tool material	HSS
Type	N
Helix angle	16-30 degrees
Shank	Morse taper
Through-coolant	no
Colour ring	without
Type of product	Jobber drill