

Garant

Jobber drill long HSS N, uncoated, Ø DC h8: 19,5 mm



Order data

Order number	116700 19,5
GTIN	4045197034373
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.

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 : 147.75 mm

Flute length L_c : 177 mm

Overall length L: 275 mm

Morse taper MT size: 2

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

Technical description

Nominal Ø D_c	19.5 mm
Number of cutting edges Z	2
Feed f in steel < 750 N/mm ²	0.2 mm/rev.
Flute length L_c	177 mm

Tolerance nominal \varnothing	h8
Overall length L	275 mm
Morse taper MT size	2
Standard	DIN 341
recommended maximum drilling depth L ₂	147.75 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