

Garant
Jobber drill extra long HSS N, uncoated, Ø DC h8: 11R1 mm

Order data

Order number	116760 11R1
GTIN	4045197035240
Item class	11C

Description
Version:

High concentricity. Core thickness and core taper are standard.

Special surface treatment.

Precision ground point. When drilling deep holes, evacuate chips from the hole frequently, and ensure adequate cooling.

Economy version with standard flutes.

With point geometry shape A.

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 1870 R1

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 178.5 mm

Flute length L_c : 195 mm

Overall length L: 300 mm

Morse taper MT size: 1

Feed f in steel < 750 N/mm²: 0.1 mm/rev.

Technical description

Number of cutting edges Z	2
Flute length L_c	195 mm

Feed f in steel < 750 N/mm ²	0.1 mm/rev.
Nominal Ø D _c	11 mm
Tolerance nominal Ø	h8
Overall length L	300 mm
Morse taper MT size	1
Standard	DIN 1870 R1
recommended maximum drilling depth L ₂	178.5 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