

**Garant**
**Jobber drill extra long HSS N, uncoated, Ø DC h8: 20R2 mm**

**Order data**

Order number	116760 20R2
GTIN	4045197035493
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.

**Note:**

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

Through-coolant: no

Standard: DIN 1870 R2

Tolerance nominal Ø: h8

Point angle: 118 degrees

Number of cutting edges Z: 2

Flute length  $L_c$ : 325 mm

Overall length L: 490 mm

Morse taper MT size: 2

Feed f in steel < 750 N/mm<sup>2</sup>: 0.2 mm/rev.

**Technical description**

Nominal Ø $D_c$	20 mm
Flute length $L_c$	325 mm
Number of cutting edges Z	2
Feed f in steel < 750 N/mm <sup>2</sup>	0.2 mm/rev.
Tolerance nominal Ø	h8

Overall length L	490 mm
Morse taper MT size	2
Standard	DIN 1870 R2
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