

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

**Order data**

Order number	116720 11R1
GTIN	4045197034731
Item class	11C

**Description**
**Version:**

High concentricity.

**Large section parabolic flutes;** strong due to strengthened core thickness (without core taper).

≤ 16 mm Ø: Bright finish flutes, nitrided lands; > 16 mm Ø: Specially treated surface.

Special sturdy drills **for extremely deep holes.** Up to approx. 15×Ø without drill withdrawal.

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 R1

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

Flute length L<sub>c</sub>: 195 mm

Overall length L: 300 mm

Morse taper MT size: 1

Feed f in steel < 750 N/mm<sup>2</sup>: 0.1 mm/rev.

**Technical description**

Flute length L <sub>c</sub>	195 mm
Feed f in steel < 750 N/mm <sup>2</sup>	0.1 mm/rev.
Nominal Ø D <sub>c</sub>	11 mm
Number of cutting edges Z	2
Tolerance nominal Ø	h8

Overall length L	300 mm
Morse taper MT size	1
Standard	DIN 1870 R1
Point angle	130 degrees
Coating	uncoated
Tool material	HSS
Type	FS
Shank	Morse taper
Through-coolant	no
Colour ring	without
Type of product	Jobber drill