

**Garant**
**Jobber drill extra long HSS FS, uncoated, Ø DC h8: 15R1 mm**

**Order data**

Order number	116720 15R1
GTIN	4045197034854
Item class	11C

**Description**
**Version:**

High concentricity.

**Large section parabolic flutes;** strong due to strengthened core thickness (without core taper).  
 $\leq 16$  mm Ø: Bright finish flutes, nitrided lands;  $> 16$  mm Ø: Specially treated surface.

Special sturdy drills **for extremely deep holes**. Up to approx.  $15 \times \text{Ø}$  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  $L_c$ : 220 mm

Overall length L: 340 mm

Morse taper MT size: 2

Feed f in steel  $< 750$  N/mm<sup>2</sup>: 0.16 mm/rev.

**Technical description**

Nominal Ø $D_c$	15 mm
Flute length $L_c$	220 mm
Feed f in steel $< 750$ N/mm <sup>2</sup>	0.16 mm/rev.
Number of cutting edges Z	2
Tolerance nominal Ø	h8

Overall length L	340 mm
Morse taper MT size	2
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