

## Garant

### Jobber drill extra long HSS FS, uncoated, Ø DC h8: 20R1 mm



#### Order data

Order number	116720 20R1
GTIN	4045197034977
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  $L_c$ : 260 mm

Overall length L: 385 mm

Morse taper MT size: 2

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

#### Technical description

Number of cutting edges Z	2
Feed f in steel < 750 N/mm <sup>2</sup>	0.2 mm/rev.
Nominal Ø $D_c$	20 mm
Flute length $L_c$	260 mm
Tolerance nominal Ø	h8

Overall length L	385 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