

Garant
Jobber drill extra long HSS FS, uncoated, Ø DC h8: 22R1 mm

Order data

Order number	116720 22R1
GTIN	4045197035035
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.

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: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 237 mm

Flute length L_c : 270 mm

Overall length L: 405 mm

Morse taper MT size: 2

Feed f in steel < 750 N/mm²: 0.2 mm/rev.

Technical description

Feed f in steel < 750 N/mm ²	0.2 mm/rev.
Flute length L_c	270 mm
Nominal Ø D_c	22 mm

Number of cutting edges Z	2
Tolerance nominal \varnothing	h8
Overall length L	405 mm
Morse taper MT size	2
Standard	DIN 1870 R1
recommended maximum drilling depth L_2	237 mm
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