

Garant
Jobber drill with 3 clamping faces HSS-E, uncoated, Ø DC h8: 20 mm

Order data

Order number	114001 20
GTIN	4045197955265
Item class	11B

Description
Version:

Particularly sturdy and robust due to the **strengthened core diameter**. Ground flutes, with high concentricity. Precision ground point. Three **drive flats on the shank** for use in a 3-jaw chuck.

Recommendation:
Maximum drilling depth:

$$L_2 = L_c - 1.5 \times D_c$$

Note:

Shank Ø 12.5 mm with 3 drive flats.

Through-coolant: no

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 135 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 110 mm

Flute length L_c : 140 mm

Overall length L: 205 mm

Shank Ø D_s : 12.5 mm

Feed f in steel < 900 N/mm²: 0.2 mm/rev.

Technical description

Standard	DIN 338
Tolerance nominal Ø	h8
Flute length L_c	140 mm
Feed f in steel < 900 N/mm ²	0.2 mm/rev.

Overall length L	205 mm
recommended maximum drilling depth L ₂	110 mm
Nominal Ø D _c	20 mm
Number of cutting edges Z	2
Shank Ø D _s	12.5 mm
Point angle	135 degrees
Coating	uncoated
Tool material	HSS E
Type	N
Shank	Three drive flats shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill