

Garant
Jobber drill HSS-E, uncoated, Ø DC h8: 9,9 mm

Order data

Order number	114400 9,9
GTIN	4045197018144
Item class	11B

Description
Version:

Profile ground: this ensures high concentricity and pitch accuracy. Precision ground point. Drill for production use.

Reinforced core, bright finish.

With point geometry shape C from size 2 mm

Recommendation:
Maximum drilling depth:

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

Through-coolant: no

Standard: DIN 338

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 72.2 mm

Flute length L_c : 87 mm

Overall length L: 133 mm

Shank Ø D_s : 9.9 mm

Feed f in steel < 900 N/mm²: 0.1 mm/rev.

Technical description

Feed f in steel < 900 N/mm ²	0.1 mm/rev.
Number of cutting edges Z	2
Nominal Ø D_c	9.9 mm
Flute length L_c	87 mm
Tolerance nominal Ø	h8

Shank $\varnothing D_s$	9.9 mm
Overall length L	133 mm
Standard	DIN 338
recommended maximum drilling depth L_2	72.2 mm
Point angle	130 degrees
Coating	uncoated
Tool material	HSS E
Type	N
Shank	Plain shank
Through-coolant	no
Colour ring	red
Type of product	Jobber drill