

Garant
Jobber drill HSS-E, uncoated, Ø DC h8: 3,1 mm

Order data

Order number	114400 3,1
GTIN	4045197017468
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 : 31.4 mm

Flute length L_c : 36 mm

Overall length L: 65 mm

Shank Ø D_s : 3.1 mm

Feed f in steel < 900 N/mm²: 0.03 mm/rev.

Technical description

Nominal Ø D_c	3.1 mm
Feed f in steel < 900 N/mm ²	0.03 mm/rev.
Flute length L_c	36 mm
Number of cutting edges Z	2
Tolerance nominal Ø	h8

Shank $\varnothing D_s$	3.1 mm
Overall length L	65 mm
Standard	DIN 338
recommended maximum drilling depth L_2	31.4 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