

Garant

Jobber drill with 3 clamping faces HSS-E, uncoated, Ø DC h8: 13,5 mm



Order data

Order number	114001 13,5
GTIN	4045197750129
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 9.5 mm with 3 drive flats.

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 : 87.8 mm

Flute length L_c : 108 mm

Overall length L: 160 mm

Shank Ø D_s : 9.5 mm

Feed f in steel < 900 N/mm²: 0.16 mm/rev.

Technical description

Number of cutting edges Z	2
Shank Ø D_s	9.5 mm
Nominal Ø D_c	13.5 mm
Overall length L	160 mm

Feed f in steel < 900 N/mm ²	0.16 mm/rev.
Standard	DIN 338
Flute length L _c	108 mm
Tolerance nominal Ø	h8
recommended maximum drilling depth L ₂	87.8 mm
Point angle	130 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