

## Garant

### Jobber drill HSS-E H, uncoated, Ø DC h8: 12 mm



#### Order data

Order number	114470 12
GTIN	4045197019547
Item class	11B

#### Description

##### Version:

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

**Strengthened core,** bright, **flute length to DIN 1897, overall length DIN 338.**

Also for **HARDOX materials.**

With point geometry shape C.

##### 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: 135 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 33 mm

Flute length  $L_c$ : 51 mm

Overall length L: 151 mm

Shank Ø  $D_s$ : 12 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.16 mm/rev.

#### Technical description

Nominal Ø $D_c$	12 mm
Feed f in steel < 750 N/mm <sup>2</sup>	0.16 mm/rev.
Number of cutting edges Z	2
Flute length $L_c$	51 mm

Tolerance nominal $\varnothing$	h8
Shank $\varnothing D_s$	12 mm
Overall length L	151 mm
Standard	DIN 338
recommended maximum drilling depth $L_2$	33 mm
Point angle	135 degrees
Coating	uncoated
Tool material	HSS E
Type	H
Shank	Plain shank
Through-coolant	no
Colour ring	pink
Type of product	Jobber drill