

## Garant

**Jobber drill, extra long HSS-E FS, uncoated, Ø DC h8 × overall length L: 8X305 mm**



### Order data

Order number	116250 8X305
GTIN	4062406266004
Item class	11B

### Description

#### Version:

With precision ground point.

Special 4-chamfer relief ground for very good guidance within the bore. Bright finish flutes, nitrided chamfers.

With point geometry shape C.

#### Advantage:

**Special deep hole drills. For particularly deep or recessed holes.** Good chip evacuation due to parabolic flutes, resulting in fewer chip evacuations even in particularly deep holes.

#### Recommendation:

##### Maximum drilling depth:

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

#### Note:

Suitable NC spotting drills No. 112120, 112140 and 112170 with **142° tip angle** for enhanced process reliability

Through-coolant: no

Standard: DIN 1869

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 198 mm

Flute length  $L_c$ : 210 mm

Overall length L: 305 mm

Shank Ø  $D_s$ : 8 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.1 mm/rev.

### Technical description

recommended maximum drilling depth $L_2$	198 mm
Point angle	130 degrees
Nominal $\varnothing D_c$	8 mm
Standard	DIN 1869
Flute length $L_c$	210 mm
Tolerance nominal $\varnothing$	h8
Overall length L	305 mm
Shank $\varnothing D_s$	8 mm
Feed f in steel < 750 N/mm <sup>2</sup>	0.1 mm/rev.
Number of cutting edges Z	2
Coating	uncoated
Tool material	HSS E
Type	FS
Helix angle	38 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill