

## Garant

### Jobber drill, extra long HSS-E FS, TiAlN, Ø DC h8 × overall length L: 6,8X225 mm



#### Order data

Order number	116280 6,8X225
GTIN	4045197029157
Item class	11B

#### Description

##### Version:

With point geometry shape C.

##### Advantage:

**Particularly suitable for drilling under difficult conditions**, e.g. insufficient cooling of the cutting edges due to poor chip evacuation.

##### 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: 135 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth  $L_2$ : 144.8 mm

Flute length  $L_c$ : 155 mm

Overall length L: 225 mm

Shank Ø  $D_s$ : 6.8 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.07 mm/rev.

#### Technical description

Flute length $L_c$	155 mm
Number of cutting edges Z	2

Nominal $\varnothing D_c$	6.8 mm
Feed f in steel < 750 N/mm <sup>2</sup>	0.07 mm/rev.
Tolerance nominal $\varnothing$	h8
Shank $\varnothing D_s$	6.8 mm
Overall length L	225 mm
Standard	DIN 1869
recommended maximum drilling depth L <sub>2</sub>	144.8 mm
Point angle	135 degrees
Coating	TiAlN
Tool material	HSS E
Type	FS
Helix angle	38 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill