

Garant

Jobber drill, extra long HSS-E FS, TiAlN, Ø DC h8×overall length: 9X320 mm



Order data

Order number	116280 9X320
GTIN	4045197029263
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:

flute length (see table) less 1.5×nominal Ø.

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 L₂: 206.5 mm

Flute length L_c: 220 mm

Overall length L: 320 mm

Shank Ø D_s: 9 mm

Feed f in steel < 750 N/mm²: 0.1 mm/rev.

Technical description

Number of cutting edges Z	2
Flute length L _c	220 mm
Nominal Ø D _c	9 mm

Feed f in steel < 750 N/mm ²	0.1 mm/rev.
Tolerance nominal Ø	h8
Shank Ø D _s	9 mm
Overall length L	320 mm
Standard	DIN 1869
recommended maximum drilling depth L ₂	206.5 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