

Garant

Jobber drill, extra long HSS-E FS, TiAlN, Ø DC h8 × overall length L: 10X430mm



Order data

Order number	116280 10X430
GTIN	4045197029300
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 °

Shank: Plain shank

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 280 mm

Flute length L_c : 295 mm

Overall length L: 430 mm

Shank Ø D_s : 10 mm

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

Technical description

Feed f in steel < 750 N/mm ²	0.1 mm/rev.
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Nominal $\varnothing D_c$	10 mm
Flute length L_c	295 mm
Number of cutting edges Z	2
Tolerance nominal \varnothing	h8
Shank $\varnothing D_s$	10 mm
Overall length L	430 mm
Standard	DIN 1869
recommended maximum drilling depth L_2	280 mm
Point angle	135 °
Shank	Plain shank
Coating	TiAlN
Tool material	HSS E
Type	FS
Helix angle	38 °
Through-coolant	no
Colour ring	without
Type of product	Jobber drill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable only under restricted conditions	60 m/min	N
Alu > 10% Si	suitable only under restricted conditions	38 m/min	N
Steel < 500 N/mm ²	suitable	38 m/min	P
Steel < 750 N/mm ²	suitable	28 m/min	P
Steel < 900 N/mm ²	suitable	22 m/min	P
Oil	suitable		
wet maximum	suitable		

