

Garant

Jobber drill extra long HSS N, uncoated, Ø DC h8 × overall length L: 2,5X140mm



Order data

Order number	116245 2,5X140
GTIN	4045197955517
Item class	11B

Description

Version:

With precision ground point.

Vaporised high performance drills for drilling particularly deep holes. Take particular care to ensure **frequent chip clearance**.

Recommendation:

Maximum drilling depth:

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

Note:

Suitable NC spotting drills No. 112103, 112110 and 112160 with **120° tip angle** for enhanced process reliability

Through-coolant: no

Standard: DIN 1869

Tolerance nominal Ø: h8

Point angle: 118 °

Shank: Plain shank

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 91.3 mm

Flute length L_c : 95 mm

Overall length L: 140 mm

Shank Ø D_s : 2.5 mm

Feed f in steel < 750 N/mm²: 0.05 mm/rev.

Technical description

Shank Ø D_s	2.5 mm
Flute length L_c	95 mm

Overall length L	140 mm
Number of cutting edges Z	2
Nominal $\varnothing D_c$	2.5 mm
Standard	DIN 1869
recommended maximum drilling depth L_2	91.3 mm
Feed f in steel < 750 N/mm ²	0.05 mm/rev.
Tolerance nominal \varnothing	h8
Point angle	118°
Shank	Plain shank
Coating	uncoated
Tool material	HSS
Type	N
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	50 m/min	N
Aluminium (short chipping)	suitable only under restricted conditions	32 m/min	N
Steel < 500 N/mm ²	suitable	28 m/min	P
Steel < 750 N/mm ²	suitable	21 m/min	P
Steel < 900 N/mm ²	suitable	18 m/min	P
Steel < 1100 N/mm ²	suitable	5 m/min	P
GG(G)	suitable	18 m/min	K
Oil	suitable		

wet maximum

suitable