

Garant

Jobber drill, extra long HSS-E N, TiAlN, Ø DC h8 × overall length L: 4X280 mm



Order data

Order number	116285 4X280
GTIN	4045197326874
Item class	11B

Description

Version:

TiAlN and anti-friction coating, low wear and low tendency to edge build-up.
With point geometry shape C.

Advantage:

Flute length to DIN 340. For high-tensile tempered steels, **including TOOLOX.**

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 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 72 mm

Flute length L_c : 78 mm

Overall length L: 280 mm

Shank Ø D_s : 4 mm

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

Technical description

Flute length L_c	78 mm
Number of cutting edges Z	2
Nominal Ø D_c	4 mm

Feed f in steel < 750 N/mm ²	0.05 mm/rev.
Tolerance nominal Ø	h8
Shank Ø D _s	4 mm
Overall length L	280 mm
Standard	DIN 1869
recommended maximum drilling depth L ₂	72 mm
Point angle	118 degrees
Coating	TiAlN
Tool material	HSS E
Type	N
Helix angle	38 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	red
Type of product	Jobber drill