

Garant

Stub drill HSS-E N, uncoated, Ø DC h8: 2,2 mm



Order data

Order number	113150 2,2
GTIN	4045197004208
Item class	11B

Description

Version:

Particularly robust and strong due to strengthened core.

Ground flutes, with high concentricity.

Bright finish.

Advantage:

Ideal for drilling shallow holes (approx. 2 - 4×D) on NC machines and automatic machines.

Recommendation:

Maximum drilling depth:

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

Through-coolant: no

Standard: DIN 1897

Tolerance nominal Ø: h8

Point angle: 130 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 9.7 mm

Flute length L_c : 13 mm

Overall length L: 40 mm

Shank Ø D_s : 2.2 mm

Feed f in steel < 900 N/mm²: 0.03 mm/rev.

Technical description

Nominal Ø D_c	2.2 mm
Number of cutting edges Z	2
Feed f in steel < 900 N/mm ²	0.03 mm/rev.
Flute length L_c	13 mm

Tolerance nominal \varnothing	h8
Shank $\varnothing D_s$	2.2 mm
Overall length L	40 mm
Standard	DIN 1897
recommended maximum drilling depth L_2	9.7 mm
Point angle	130 degrees
Coating	uncoated
Tool material	HSS E
Type	N
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill