

Garant
Stub drill HSS-E N, TiN, Ø DC h8: 13,5 mm

Order data

Order number	113230 13,5
GTIN	4045197006141
Item class	11B

Description
Version:

Particularly robust and strong due to strengthened core.
Ground flutes, with high concentricity.

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 : 33.8 mm

Flute length L_c : 54 mm

Overall length L: 107 mm

Shank Ø D_s : 13.5 mm

Feed f in steel < 900 N/mm²: 0.16 mm/rev.

Technical description

Number of cutting edges Z	2
Flute length L_c	54 mm
Feed f in steel < 900 N/mm ²	0.16 mm/rev.
Nominal Ø D_c	13.5 mm

Tolerance nominal \varnothing	h8
Shank $\varnothing D_s$	13.5 mm
Overall length L	107 mm
Standard	DIN 1897
recommended maximum drilling depth L_2	33.8 mm
Point angle	130 degrees
Coating	TiN
Tool material	HSS E
Type	N
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill