

Garant

Stub drill HSS-E N, uncoated, Ø DC h8: 3,3 mm



Order data

Order number	113150 3,3
GTIN	4045197004314
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:

flute length (see table) less 1.5×nominal Ø.

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 : 13.1 mm

Flute length L_c : 18 mm

Overall length L: 49 mm

Shank Ø D_s : 3.3 mm

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

Technical description

Nominal Ø D_c	3.3 mm
Feed f in steel < 900 N/mm ²	0.03 mm/rev.
Flute length L_c	18 mm
Number of cutting edges Z	2

Tolerance nominal \varnothing	h8
Shank $\varnothing D_s$	3.3 mm
Overall length L	49 mm
Standard	DIN 1897
recommended maximum drilling depth L_2	13.1 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

Accessories

Stub drill set HSS-E No. 113150, type N as a refill set,
without case Type 1-13

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