

Garant
Stub drill with 3 clamping faces HSS-E, uncoated, Ø DC h8: 4,5 mm

Order data

Order number	113001 4,5
GTIN	4045197749703
Item class	11B

Description
Version:

Stable and sturdy stub drill with **strengthened core diameter**. Ground flutes, with high concentricity. Precision ground point. Three **drive flats on the shank** for use in a 3-jaw chuck.

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 : 17.3 mm

Flute length L_c : 24 mm

Overall length L: 58 mm

Shank Ø D_s : 4.5 mm

Feed f in steel < 900 N/mm²: 0.05 mm/rev.

Technical description

Shank Ø D_s	4.5 mm
Feed f in steel < 900 N/mm ²	0.05 mm/rev.
Tolerance nominal Ø	h8
Overall length L	58 mm
Nominal Ø D_c	4.5 mm
Number of cutting edges Z	2

Standard	DIN 1897
Flute length L_c	24 mm
recommended maximum drilling depth L_2	17.3 mm
Point angle	130 degrees
Coating	uncoated
Tool material	HSS E
Type	N
Shank	Three drive flats shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill