

Garant
Stub drill with 3 clamping faces HSS-E, uncoated, Ø DC h8: 19 mm

Order data

Order number	113001 19
GTIN	4062406230654
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:

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

Note:

Shank Ø 12.5 mm with 3 drive flats.

Through-coolant: no

Standard: DIN 1897

Tolerance nominal Ø: h8

Point angle: 135 degrees

Number of cutting edges Z: 2

recommended maximum drilling depth L_2 : 35.5 mm

Flute length L_c : 64 mm

Overall length L: 127 mm

Shank Ø D_s : 12.5 mm

Feed f in steel < 900 N/mm²: 0.2 mm/rev.

Technical description

Tolerance nominal Ø	h8
Feed f in steel < 900 N/mm ²	0.2 mm/rev.
Shank Ø D_s	12.5 mm
Standard	DIN 1897

Nominal $\varnothing D_c$	19 mm
Flute length L_c	64 mm
Number of cutting edges Z	2
Overall length L	127 mm
recommended maximum drilling depth L_2	35.5 mm
Point angle	135 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