

## Garant

### Stub drill HSS-Co8 FS, TiAlN, Ø DC h8: 2,8 mm



#### Order data

Order number	113140 2,8
GTIN	4045197003348
Item class	11B

#### Description

##### Version:

Particularly **robust and strong** due to **strengthened core**.

Ground flutes, with high concentricity.

With point geometry shape S (special)

##### 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<sub>2</sub>: 11.8 mm

Flute length L<sub>c</sub>: 16 mm

Overall length L: 46 mm

Shank Ø D<sub>s</sub>: 2.8 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.03 mm/rev.

#### Technical description

Feed f in steel < 750 N/mm <sup>2</sup>	0.03 mm/rev.
Flute length L <sub>c</sub>	16 mm
Number of cutting edges Z	2
Nominal Ø D <sub>c</sub>	2.8 mm

Tolerance nominal $\varnothing$	h8
Shank $\varnothing D_s$	2.8 mm
Overall length L	46 mm
Standard	DIN 1897
recommended maximum drilling depth $L_2$	11.8 mm
Point angle	130 degrees
Coating	TiAlN
Tool material	HSS Co 8
Type	FS
Helix angle	38 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	without
Type of product	Jobber drill