

## Garant

**Solid carbide HPC drill type FS Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 5,9 mm**



### Order data

Order number	122675 5,9
GTIN	4045197397942
Item class	11E

### Description

#### Version:

**Particularly strong** due to strengthened core and **special profile**. Special point geometry.

**High concentricity** and **long tool life**.

**Precision drilling qualities.**

#### Recommendation:

#### Maximum drilling depth:

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

#### Note:

Flute length  $L_c = L_2 + 1.5 \times D_c$ .

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 35.2 mm

Overall length L: 82 mm

Shank Ø  $D_s$ : 6 mm

Feed f in titanium > 850 N/mm<sup>2</sup>: 0.08 mm/rev.

### Technical description

Feed f in titanium > 850 N/mm <sup>2</sup>	0.08 mm/rev.
Shank tolerance	h6
Number of cutting edges Z	2
Flute length $L_c$	44 mm

Nominal $\varnothing D_c$	5.9 mm
Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	6 mm
Overall length L	82 mm
Standard	DIN 6537
recommended maximum drilling depth $L_2$	35.2 mm
Semi-Standard	yes
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Type	FS
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	pink
Type of product	Jobber drill