

## Garant

**Solid carbide NC high performance drill FS, plain shank DIN 6535 HB, TiAlN, Ø DC h7: 6,8 mm**



### Order data

Order number	122545 6,8
GTIN	4045197393159
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:

clamping slot length (see table) less  $1.5 \times$  nominal  $\varnothing$ .

#### Note:

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

Standard: DIN 6537

Tolerance nominal  $\varnothing$ : h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal  $\varnothing$ : h7

recommended maximum drilling depth  $L_2$ : 42.8 mm

Overall length L: 91 mm

Shank  $\varnothing D_s$ : 8 mm

Feed f in steel  $< 750 \text{ N/mm}^2$ : 0.2 mm/rev.

### Technical description

Number of cutting edges Z	2
Feed f in steel $< 750 \text{ N/mm}^2$	0.2 mm/rev.
Nominal $\varnothing D_c$	6.8 mm
Flute length $L_c$	53 mm

Shank tolerance	h6
Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	8 mm
Overall length L	91 mm
Standard	DIN 6537
recommended maximum drilling depth $L_2$	42.8 mm
Semi-Standard	yes
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6xD
Type	FS
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	no
Colour ring	green
Type of product	Jobber drill