

## Garant

**Solid carbide NC high performance drill FS, plain shank DIN 6535 HB, TiAlN, Ø DC h7: 14,2 mm**



### Order data

Order number	122545 14,2
GTIN	4045197393821
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  $L_2$ : 61.7 mm

Overall length L: 133 mm

Shank  $\varnothing D_s$ : 16 mm

Feed f in steel  $< 750 \text{ N/mm}^2$ : 0.35 mm/rev.

### Technical description

Shank tolerance	h6
Number of cutting edges Z	2
Nominal $\varnothing D_c$	14.2 mm
Flute length $L_c$	83 mm

Feed f in steel < 750 N/mm <sup>2</sup>	0.35 mm/rev.
Tolerance nominal Ø	h7
Shank Ø D <sub>s</sub>	16 mm
Overall length L	133 mm
Standard	DIN 6537
recommended maximum drilling depth L <sub>2</sub>	61.7 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	no
Colour ring	green
Type of product	Jobber drill