

## Garant

**Solid carbide NC high performance drill FS, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 13 mm**



### Order data

Order number	122540 13
GTIN	4045197052490
Item class	11E

### Description

#### Version:

**Particularly strong** due to strengthened core and **special profile**. Special point geometry. **High concentricity** and **long tool life**. **High bore quality**.

#### Recommendation:

##### Maximum drilling depth:

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

#### Note:

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

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 122545**.

Form **HE**: order with **No. 122540 + 129100HE**.

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 57.5 mm

Overall length L: 124 mm

Shank Ø  $D_s$ : 14 mm

Feed f in steel < 750 N/mm<sup>2</sup>: 0.35 mm/rev.

### Technical description

Flute length $L_c$	77 mm
Feed f in steel < 750 N/mm <sup>2</sup>	0.35 mm/rev.
Number of cutting edges Z	2

Nominal $\varnothing D_c$	13 mm
Shank tolerance	h6
Tolerance nominal $\varnothing$	h7
Shank $\varnothing D_s$	14 mm
Overall length L	124 mm
Standard	DIN 6537
recommended maximum drilling depth $L_2$	57.5 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Type	FS
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	no
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill

## Services

Shank grinding Type HE	129100 HE
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