

Garant

Solid carbide NC high performance drill FS, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 4,5 mm



Order data

Order number	122540 4,5
GTIN	4045197051820
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 : 37.3 mm

Overall length L: 82 mm

Shank Ø D_s : 6 mm

Feed f in steel < 750 N/mm²: 0.14 mm/rev.

Technical description

Number of cutting edges Z	2
Shank tolerance	h6
Feed f in steel < 750 N/mm ²	0.14 mm/rev.

Flute length L_c	44 mm
Nominal $\varnothing D_c$	4.5 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	37.3 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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