

Garant

Solid carbide NC high performance drill FS, plain shank DIN 6535 HB, TiAlN, Ø DC h7: 5,9 mm



Order data

Order number	122545 5,9
GTIN	4045197392961
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

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 35.2 mm

Overall length L: 82 mm

Shank $\varnothing D_s$: 6 mm

Feed f in steel $< 750 \text{ N/mm}^2$: 0.14 mm/rev.

Technical description

Feed f in steel $< 750 \text{ N/mm}^2$	0.14 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
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
Semi-Standard	yes
Colour ring	green
Type of product	Jobber drill