

Garant

Diabolo solid carbide HPC drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 18 mm or inch



Order data

Order number	122371 18
GTIN	4062406065553
Item class	11E

Description

Version:

Cutting chisel edge with **high centring accuracy** due to strong core and special point geometry. **Convex major cutting edges** with **defined honed edge** ensure the drill has high stability and maximum load capacity.

Special multi-nano layer coating for drilling in hardened steels.

Recommendation:

Maximum drilling depth:

flute length (see table) less $1.5 \times \text{nominal } \varnothing$.

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. 122362 / 122372**.

Form **HE**: order with **No. 122361 / 122371 + 129100HE**.

Standard: DIN 6537 K

Tolerance nominal \varnothing : h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal \varnothing : h7

recommended maximum drilling depth L_2 : 46 mm

Overall length L: 123 mm

Shank $\varnothing D_s$: 18 mm

Feed f in steel < 60 HRC: 0.2 mm/rev.

Technical description

Shank $\varnothing D_s$	18 mm
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Overall length L	123 mm
Standard	DIN 6537 K
recommended maximum drilling depth L ₂	46 mm
Tolerance nominal Ø	h7
Nominal Ø D _c	18 mm
Number of cutting edges Z	2
Feed f in steel < 60 HRC	0.2 mm/rev.
Flute length L _c	73 mm
Semi-Standard	yes
Series	Diabolo
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4×D
Type	H
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	red
Type of product	Jobber drill

Services

Shank grinding Type HE	129100 HE
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