

Garant

Diabolo solid carbide HPC drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7 (mm or inch): 1/16 mm or inch


Order data

Order number	122371 1/16
GTIN	4062406116781
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×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. 122362 / 122372**.

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

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 11.615 mm

Overall length L: 55 mm

Shank Ø D_s : 4 mm

Feed f in steel < 60 HRC: 0.01 mm/rev.

Technical description

Shank Ø D_s	4 mm
Inch nominal Ø corresponds to	1.59 mm

recommended maximum drilling depth L_2	11.615 mm
Number of cutting edges Z	2
Overall length L	55 mm
Standard	DIN 6537 K
Tolerance nominal $\varnothing$	h7
Flute length L_c	14 mm
Feed f in steel < 60 HRC	0.01 mm/rev.
Series	Diabolo
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4xD
Type	H
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	red
Type of product	Jobber drill