

Garant

Diabolo solid carbide HPC drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 3/16 mm or inch


Order data

Order number	122371 3/16
GTIN	4062406116842
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

Semi-Standard: yes

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 16.86 mm

Overall length L: 66 mm

Shank Ø D_s : 6 mm

Feed f in steel < 1100 N/mm²: 0.15 mm/rev.

Feed f in steel < 60 HRC: 0.04 mm/rev.

Technical description

Standard	DIN 6537 K
Tolerance nominal Ø	h7
Shank Ø D _s	6 mm
Inch nominal Ø corresponds to	4.76 mm
Feed f in steel < 60 HRC	0.04 mm/rev.
Flute length L _c	24 mm
Overall length L	66 mm
Feed f in steel < 1100 N/mm ²	0.15 mm/rev.
Number of cutting edges Z	2
recommended maximum drilling depth L ₂	16.86 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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