

Garant

Diabolo solid carbide HPC drill, plain shank DIN 6535 HA, TiAlN, Ø DC h7: 5/32 mm or inch


Order data

Order number	122371 5/32
GTIN	4062406116835
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 : 18.045 mm

Overall length L: 66 mm

Shank Ø D_s : 6 mm

Feed f in steel < 1100 N/mm²: 0.11 mm/rev.

Feed f in steel < 60 HRC: 0.03 mm/rev.

Technical description

recommended maximum drilling depth L_2	18.045 mm
Feed f in steel $< 1100 \text{ N/mm}^2$	0.11 mm/rev.
Overall length L	66 mm
Feed f in steel $< 60 \text{ HRC}$	0.03 mm/rev.
Shank $\varnothing D_s$	6 mm
Flute length L_c	24 mm
Number of cutting edges Z	2
Inch nominal $\varnothing$ corresponds to	3.97 mm
Tolerance nominal $\varnothing$	h7
Standard	DIN 6537 K
Semi-Standard	yes
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
Colour ring	red
Type of product	Jobber drill

Services

Shank grinding Type HE	129100 HE
------------------------	-----------