

Garant
Diabolo solid carbide HPC drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 6,1 mm

Order data

Order number	122362 6,1
GTIN	4045197970930
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.

Note:

Flute length $L_c = L_2 + 1.5 \times D_c$.

Standard: DIN 6537 K

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 24.9 mm

Overall length L: 79 mm

Shank Ø D_s : 8 mm

Feed f in steel < 60 HRC: 0.09 mm/rev.

Technical description

Nominal Ø D_c	6.1 mm
Shank Ø D_s	8 mm
recommended maximum drilling depth L_2	24.9 mm
Feed f in steel < 60 HRC	0.09 mm/rev.
Flute length L_c	34 mm
Standard	DIN 6537 K

Overall length L	79 mm
Number of cutting edges Z	2
Tolerance nominal \varnothing	h7
Series	Diabolo
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4×D
Type	H
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	no
Machining strategy	HPC
Semi-Standard	yes
Colour ring	red
Type of product	Jobber drill