

Garant

Diabolo solid carbide HPC drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 16 mm



Order data

Order number	122372 16
GTIN	4062406089061
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 : 41 mm

Overall length L: 115 mm

Shank Ø D_s : 16 mm

Feed f in steel < 1100 N/mm²: 0.32 mm/rev.

Feed f in steel < 60 HRC: 0.16 mm/rev.

Technical description

Standard	DIN 6537 K
Number of cutting edges Z	2
Shank Ø D_s	16 mm
Overall length L	115 mm
recommended maximum drilling depth L_2	41 mm

Feed f in steel < 60 HRC	0.16 mm/rev.
Nominal $\varnothing D_c$	16 mm
Tolerance nominal \varnothing	h7
Feed f in steel < 1100 N/mm ²	0.32 mm/rev.
Flute length L_c	65 mm
Series	Diabolo
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4xD
Type	H
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	red
Type of product	Jobber drill