

Garant

Diabolo solid carbide HPC drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 11 mm



Order data

Order number	122652 11
GTIN	4045197972699
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 $L_c = L_2 + 1.5 \times D_c$.

Standard: DIN 6537

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal Ø: h7

recommended maximum drilling depth L_2 : 54.5 mm

Overall length L: 118 mm

Shank Ø D_s : 12 mm

Feed f in steel < 1100 N/mm²: 0.27 mm/rev.

Technical description

recommended maximum drilling depth L_2	54.5 mm
Nominal Ø D_c	11 mm
Tolerance nominal Ø	h7

Number of cutting edges Z	2
Overall length L	118 mm
Flute length L _c	71 mm
Shank Ø D _s	12 mm
Standard	DIN 6537
Feed f in steel < 1100 N/mm ²	0.27 mm/rev.
Semi-Standard	yes
Series	Diabolo
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Type	H
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	red
Type of product	Jobber drill