

**Garant**
**Diabolo solid carbide HPC drill, Weldon shank DIN 6535 HB, TiAlN, Ø DC h7: 8,1 mm**

**Order data**

Order number	122362 8,1
GTIN	4045197971081
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  $L_2$ : 34.9 mm

Overall length L: 89 mm

Shank Ø  $D_s$ : 10 mm

Feed f in steel < 60 HRC: 0.11 mm/rev.

**Technical description**

Overall length L	89 mm
Nominal Ø $D_c$	8.1 mm
Feed f in steel < 60 HRC	0.11 mm/rev.
Standard	DIN 6537 K
recommended maximum drilling depth $L_2$	34.9 mm
Flute length $L_c$	47 mm

Number of cutting edges Z	2
Shank $\varnothing D_s$	10 mm
Tolerance nominal $\varnothing$	h7
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	no
Machining strategy	HPC
Semi-Standard	yes
Colour ring	red
Type of product	Jobber drill