

Garant**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC m6: 6,35 mm****Order data**

Order number	123010 6,35
GTIN	4062406120979
Item class	11E

Description**Version:**

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**. High roundness and alignment accuracy of the deep hole, thanks to **4 guide chamfers**. Outstanding chip evacuation due to **4 internal cooling channels** from Ø 3.8 mm. Up to 3.7 mm Ø with 2 internal cooling channels. **Straight major cutting edges** with honed edges and special flute profile for **short chips**, even on long chipping materials.

Recommendation:**Maximum drilling depth:**

clamping slot length (see table) less 1.5×nominal Ø.

Note:

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

Machining strategy: HPC

Standard: Manufacturer's standard

Tolerance nominal Ø: m6

Number of cutting edges Z: 2

Semi-Standard: yes

Tolerance nominal Ø: m6

recommended maximum drilling depth L_2 : 66.475 mm

Overall length L: 114 mm

Shank Ø D_s : 8 mm

Feed f in stainless steel $> 900 \text{ N/mm}^2$: 0.12 mm/rev.

Technical description

Overall length L	114 mm
Feed f in stainless steel $> 900 \text{ N/mm}^2$	0.12 mm/rev.

recommended maximum drilling depth L_2	66.475 mm
Tolerance nominal $\varnothing$	m6
Nominal $\varnothing D_c$	6.35 mm
Shank $\varnothing D_s$	8 mm
Standard	Manufacturer's standard
Flute length L_c	76 mm
Number of cutting edges Z	2
Semi-Standard	yes
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	8xD
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	blue
Type of product	Jobber drill