

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC m6: 5/8 mm**

**Order data**

Order number	123010 5/8
GTIN	4062406121174
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  $L_2$ : 128.18 mm

Overall length L: 203 mm

Shank Ø  $D_s$ : 16 mm

Feed f in stainless steel > 900 N/mm<sup>2</sup>: 0.2 mm/rev.

**Technical description**

Feed f in stainless steel > 900 N/mm <sup>2</sup>	0.2 mm/rev.
recommended maximum drilling depth $L_2$	128.18 mm

Number of cutting edges Z	2
Inch nominal $\varnothing$ corresponds to	15.88 mm
Overall length L	203 mm
Flute length $L_c$	152 mm
Standard	Manufacturer's standard
Tolerance nominal $\varnothing$	m6
Shank $\varnothing D_s$	16 mm
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