

## Garant

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



#### 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.

##### Note:

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

#### Technical description

Feed $f$ in stainless steel $> 900 \text{ N/mm}^2$	0.2 mm/rev.
recommended maximum drilling depth $L_2$	128.18 mm
Number of cutting edges $Z$	2
Inch nominal Ø corresponds to	15.88 mm
Overall length $L$	203 mm
Flute length $L_c$	152 mm
Standard	Manufacturer's standard
Tolerance nominal Ø	m6
Shank Ø $D_s$	16 mm
Coating	TiAlN
Tool material	Solid carbide

Version	8xD
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	blue
Type of product	Jobber drill

### User data

	Suitability	V <sub>c</sub>	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	90 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	75 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	70 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	55 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	32 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	70 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	60 m/min	M
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		