

**Garant**
**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC m6: 16 mm**

**Order data**

Order number	122432 16
GTIN	4045197540140
Item class	11E

**Description**
**Version:**

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**. Excellent chip evacuation due to **4 internal coolant channels**. **Straight cutting edges** with honed edges and special flute profile for **short chips**. **Special coating** for the **best tool life** and **high metal removal rates**.

**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 K

Tolerance nominal Ø: m6

Number of cutting edges Z: 2

Tolerance nominal Ø: m6

recommended maximum drilling depth  $L_2$ : 41 mm

Overall length L: 115 mm

Shank Ø  $D_s$ : 16 mm

Feed f in Inconel®: 0.16 mm/rev.

**Technical description**

Number of cutting edges Z	2
Flute length $L_c$	65 mm
Shank tolerance	h6
Feed f in Inconel®	0.16 mm/rev.

Nominal $\varnothing D_c$	16 mm
Tolerance nominal $\varnothing$	m6
Shank $\varnothing D_s$	16 mm
Overall length L	115 mm
Standard	DIN 6537 K
recommended maximum drilling depth $L_2$	41 mm
Coating	TiAlN
Tool material	Solid carbide
	4xD
Point angle	140°
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Semi-Standard	yes
Colour ring	pink
Type of product	Jobber drill

## User data

	Suitability	$V_c$	ISO code
Ti > 850 N/mm <sup>2</sup>	suitable	40 m/min	S
Inconel	suitable	35 m/min	S
wet maximum	suitable		