

## Garant

**Solid carbide HPC drill Weldon shank DIN 6535 HB, TiAlN, Ø DC m6: 12,8 mm**



### Order data

Order number	122432 12,8
GTIN	4045197540034
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

Semi-Standard: yes

Tolerance nominal Ø: m6

recommended maximum drilling depth  $L_2$ : 40.8 mm

Overall length L: 107 mm

Shank Ø  $D_s$ : 14 mm

Feed f in Inconel®: 0.16 mm/rev.

### Technical description

Shank tolerance	h6
Nominal Ø $D_c$	12.8 mm
Flute length $L_c$	60 mm
Number of cutting edges Z	2

Feed f in Inconel®	0.16 mm/rev.
Tolerance nominal Ø	m6
Shank Ø D <sub>s</sub>	14 mm
Overall length L	107 mm
Standard	DIN 6537 K
recommended maximum drilling depth L <sub>2</sub>	40.8 mm
Semi-Standard	yes
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	4×D
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Machining strategy	HPC
Colour ring	pink
Type of product	Jobber drill