

## Garant

### Solid carbide HPC drill plain shank DIN 6535 HA, TiAlN, Ø DC m6: 8,7mm



#### Order data

Order number	122430 8,7
GTIN	4045197537706
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  $L_c = L_2 + 1.5 \times D_c$ .

Form HB and HE supplied at the same price as HA.

Form **HB**: order with **No. 122432**.

Form **HE**: order with **No. 122430 + 129100HE**.

Standard: DIN 6537 K

Tolerance nominal Ø: m6

Number of cutting edges Z: 2

Tolerance nominal Ø: m6

recommended maximum drilling depth  $L_2$ : 34 mm

Overall length L: 89 mm

Shank Ø  $D_s$ : 10 mm

Feed f in Inconel®: 0.12 mm/rev.

#### Technical description

Flute length $L_c$	47 mm
Shank tolerance	h6

Nominal $\varnothing D_c$	8.7 mm
Feed $f$ in Inconel®	0.12 mm/rev.
Number of cutting edges $Z$	2
Tolerance nominal $\varnothing$	m6
Shank $\varnothing D_s$	10 mm
Overall length $L$	89 mm
Standard	DIN 6537 K
recommended maximum drilling depth $L_2$	34 mm
Coating	TiAlN
Tool material	Solid carbide
Version	4xD
Point angle	140°
Shank	DIN 6535 HA 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 only under restricted conditions	40 m/min	S
Inconel	suitable	35 m/min	S
wet maximum	suitable		

## Services

Shank grinding Type HE	129100 HE
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