



## Solid carbide high performance drill plain shank DIN 6535 HA, TiAlN, Ø DC m7: 8,2 mm



### Order data

Order number	122664 8,2
GTIN	4045197421579
Item class	12E

### Description

#### Version:

Cutting chisel edge with **high centring accuracy** due to **strong core and special point geometry**. **Straight major cutting edges** with slightly honed edges and special flute profile produce **short chips**.

#### Recommendation:

#### Maximum drilling depth:

flute length (see table) less  $1.5 \times \text{nominal } \varnothing$ .

#### 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. 122666**.

Form **HE**: order with **No. 122668**.

Through-coolant: yes, with 25 bar

Standard: DIN 6537

Tolerance nominal  $\varnothing$ : m7

Number of cutting edges Z: 2

Tolerance nominal  $\varnothing$ : m7

recommended maximum drilling depth  $L_2$ : 48.7 mm

Overall length L: 103 mm

Shank  $\varnothing D_s$ : 10 mm

Feed f in stainless steel  $< 900 \text{ N/mm}^2$ : 0.1 mm/rev.

### Technical description

Nominal $\varnothing D_c$	8.2 mm
Flute length $L_c$	61 mm

Shank tolerance	h6
Number of cutting edges Z	2
Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.1 mm/rev.
Tolerance nominal Ø	m7
Shank Ø D <sub>s</sub>	10 mm
Overall length L	103 mm
Standard	DIN 6537
recommended maximum drilling depth L <sub>2</sub>	48.7 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6×D
Point angle	140 degrees
Shank	DIN 6535 HA to h6
Through-coolant	yes, with 25 bar
Colour ring	blue
Type of product	Jobber drill