



## Solid carbide drill plain shank DIN 6535 HA, TiAlN, Ø DC m7 (mm or inch): 1 mm or inch



### Order data

Order number	122771 1
GTIN	4062406135997
Item class	12F

### Description

#### Version:

Tool specially matched to drilling holes without through-coolant. **Concave major cutting edges** and a **special flute profile** ensure a good chip evacuation. The sturdy cutter geometry with **special point geometry** and 4 cutting edges ensures drilling with good process reliability. A wide range of applications in steel materials thanks to a combination of tough ultra-fine grain carbide and extremely **wear-resistant** and **heat-resistant coating**.

#### Recommendation:

##### Maximum drilling depth:

Flute length (see table) less 1.5×nominal Ø.

##### Note:

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

Form **HB**: order with **No. 122772**.

Form **HE**: order with **No. 122773**.

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

Through-coolant: no

Standard: DIN 6537

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Tolerance nominal Ø: m7

recommended maximum drilling depth  $L_2$ : 6.5 mm

Overall length L: 55 mm

Shank Ø  $D_s$ : 3 mm

Feed f in steel < 900 N/mm<sup>2</sup>: 0.05 mm/rev.

### Technical description

Flute length $L_c$	8 mm
Tolerance nominal $\varnothing$	m7
Overall length L	55 mm
Number of cutting edges Z	2
Feed f in steel < 900 N/mm <sup>2</sup>	0.05 mm/rev.
Shank $\varnothing D_s$	3 mm
Standard	DIN 6537
recommended maximum drilling depth $L_2$	6.5 mm
Nominal $\varnothing D_c$	1 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	no
Colour ring	green
Type of product	Jobber drill