



## Solid carbide high performance drill Weldon shank DIN 6535 HB, TiAlN, Ø DC m7: 6,8 mm



### Order data

Order number	122666 6,8
GTIN	4045197425577
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×nominal Ø.

#### Note:

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

Through-coolant: yes, with 25 bar

Standard: DIN 6537

Tolerance nominal Ø: m7

Number of cutting edges Z: 2

Tolerance nominal Ø: m7

recommended maximum drilling depth  $L_2$ : 42.8 mm

Overall length L: 91 mm

Shank Ø  $D_s$ : 8 mm

Feed f in stainless steel < 900 N/mm<sup>2</sup>: 0.1 mm/rev.

### Technical description

Shank tolerance	h6
Feed f in stainless steel < 900 N/mm <sup>2</sup>	0.1 mm/rev.
Flute length $L_c$	53 mm
Number of cutting edges Z	2

Nominal $\varnothing D_c$	6.8 mm
Tolerance nominal $\varnothing$	m7
Shank $\varnothing D_s$	8 mm
Overall length L	91 mm
Standard	DIN 6537
recommended maximum drilling depth $L_2$	42.8 mm
Coating	TiAlN
Tool material	Solid carbide
Drill depth up to	6xD
Point angle	140 degrees
Shank	DIN 6535 HB to h6
Through-coolant	yes, with 25 bar
Colour ring	blue
Type of product	Jobber drill