

**Garant**
**Solid carbide jobber drill extra stub, TiAlN, Ø DC h7: 4,5 mm**

**Order data**

Order number	122151 4,5
GTIN	4045197748362
Item class	11E

**Description**
**Version:**

**Similar to DIN 6539** (stub).

Nominal Ø and shank Ø equal.

TiAlN coating for even better performance.

**Recommendation:**
**Maximum drilling depth:**

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

**Note:**

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

Non slip clamping in drill chuck No. 341050 with diamond coated jaws.

Through-coolant: no

Standard: DIN 6539

Tolerance nominal Ø: h7

Number of cutting edges Z: 2

Tolerance nominal Ø: h7

recommended maximum drilling depth  $L_2$ : 17.3 mm

Overall length L: 58 mm

Shank Ø  $D_s$ : 4.5 mm

Feed f in steel < 1100 N/mm<sup>2</sup>: 0.08 mm/rev.

**Technical description**

Shank Ø $D_s$	4.5 mm
Number of cutting edges Z	2
Tolerance nominal Ø	h7
Nominal Ø $D_c$	4.5 mm

Shank tolerance	h7
Standard	DIN 6539
Overall length L	58 mm
Feed f in steel < 1100 N/mm <sup>2</sup>	0.08 mm/rev.
Flute length L <sub>c</sub>	24 mm
recommended maximum drilling depth L <sub>2</sub>	17.3 mm
Coating	TiAlN
Tool material	solid carbide
Type	N
Point angle	118 degrees
Helix angle	30 degrees
Shank	Parallel shank to h7
Through-coolant	no
Colour ring	without
Type of product	Jobber drill