

**Garant**
**Carbide tipped jobber drill, uncoated, Ø DC h8: 9 mm**

**Order data**

Order number	121150 9
GTIN	4045197471451
Item class	11E

**Description**
**Version:**

With carbide cutting tip. Ground between centres.  
Shank with driver tang for use in clamping collets.

**Recommendation:**

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

**Note:**

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

Through-coolant: no

Standard: DIN 8037

Tolerance nominal Ø: h8

Number of cutting edges Z: 2

Tolerance nominal Ø: h8

recommended maximum drilling depth  $L_2$ : 36.5 mm

Overall length L: 90 mm

Feed f in steel < 1100 N/mm<sup>2</sup>: 0.13 mm/rev.

**Technical description**

Flute length $L_c$	50 mm
Feed f in steel < 1100 N/mm <sup>2</sup>	0.13 mm/rev.
Nominal Ø $D_c$	9 mm
Number of cutting edges Z	2
Tolerance nominal Ø	h8
Overall length L	90 mm

Standard	DIN 8037
recommended maximum drilling depth L <sub>2</sub>	36.5 mm
Coating	uncoated
Tool material	Carbide K20
Point angle	118 degrees
Through-coolant	no
Colour ring	without
Type of product	Jobber drill