

**Garant**
**HSS jobber drill W, uncoated, Ø DC h8: 9,9mm**

**Order data**

Order number	114200 9,9
GTIN	4045197016072
Item class	11B

**Description**
**Version:**

Standard core without core taper.  
Precision ground point.  
Ground flute with high helix.  
Bright ground surface finish.  
With point geometry shape A from size 2.0 mm.

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

$$L_2 = L_c - 1.5 \times D_c$$

**Technical description**

Nominal Ø $D_c$	9.9 mm
Number of cutting edges Z	2
Flute length $L_c$	87 mm
Tolerance nominal Ø	h8
Shank Ø $D_s$	9.9 mm
Overall length L	133 mm
Feed f in long-chipping aluminium plastics	0.18 mm/rev.
Standard	DIN 338
recommended maximum drilling depth $L_2$	72.2 mm
Point angle	130 degrees
Shank	Plain shank

Coating	uncoated
Tool material	HSS
Type	W
Helix angle	35-40 degrees
Through-coolant	no
Colour ring	yellow
Type of product	Jobber drill

### User data

	<b>Suitability</b>	<b>V<sub>c</sub></b>	<b>ISO code</b>
Alu plastics	suitable	70 m/min	N
Aluminium (short chipping)	suitable	45 m/min	N
Alu > 10% Si	suitable only under restricted conditions	40 m/min	N
Oil	suitable		
wet maximum	suitable		