

**Garant**
**HSS jobber drill W, uncoated, Ø DC h8: 3,3 mm**

**Order data**

Order number	114200 3,3
GTIN	4045197015419
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:**

$L_2 = L_c - 1.5 \times D_c$   
 Through-coolant: no  
 Standard: DIN 338  
 Tolerance nominal Ø: h8  
 Point angle: 130 degrees  
 Number of cutting edges Z: 2  
 recommended maximum drilling depth  $L_2$ : 31.1 mm  
 Flute length  $L_c$ : 36 mm  
 Overall length L: 65 mm  
 Shank Ø  $D_s$ : 3.3 mm  
 Feed f in long-chipping aluminium plastics: 0.05 mm/rev.

**Technical description**

Nominal Ø $D_c$	3.3 mm
Number of cutting edges Z	2
Flute length $L_c$	36 mm
Tolerance nominal Ø	h8

Shank $\varnothing D_s$	3.3 mm
Overall length L	65 mm
Feed f in long-chipping aluminium plastics	0.05 mm/rev.
Standard	DIN 338
recommended maximum drilling depth $L_2$	31.1 mm
Point angle	130 degrees
Coating	uncoated
Tool material	HSS
Type	W
Helix angle	35-40 degrees
Shank	Plain shank
Through-coolant	no
Colour ring	yellow
Type of product	Jobber drill