

BOSCH
Ideas that work.



ASSEMBLY INSTRUCTIONS FOR
WEATHERCOCK



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ASSEMBLY INSTRUCTIONS FOR WEATHERCOCK

So that you always know where the wind is coming from: our proud weathercock always points in the right direction. In the days before scientific weather forecasts, people depended on wind and cloud observation. For this reason, all large buildings had to have their weather vane or weathercock. The operating principle of this ancient game with the wind is as simple as it is reliable. Mounted on an axle and horizontally rotatable, the rear section of the figure, with its larger surface area, offers greater resistance to the wind than the front section. As a consequence, the wind forces the nose, or beak, of the figure exactly in the direction of where the breeze is coming from. If you like our weathercock, its reproduction is really not difficult at all.



Insert a wooden disc on a broom handle. The disc has four bores for supporting the axles, to which the letters of the points of the compass are secured. A screw, which serves as a pivot bearing for the directional arrow, is inserted in the top end of the broom handle.

Using a fixed jigsaw, the contours of the weathercock can be cut out cleanly.



Displaced to the rear from the fulcrum, the colourful weathercock stretches upwards and waits for the opportunity to serve the weather observer.

The figure is firmly secured on the directional arrow by means of waterproof glue and wood screws.

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When the letters have been cut out, they are provided with bores for the booms, as is the round support plate.



In the next work step, the letters, booms and the round support plate are glued together.



If possible, position your weathercock in an open area to prevent false interpretations of the wind direction due to the proximity of houses or walls.

Final assembly before painting: the wood screw, which serves as an axle, is screwed into the broom handle from above.

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MATERIAL LIST WEATHERCOCK

| Item | Qty. | Designation | Dimensions in mm | Material |
|------|------|-------------------|---|---------------------------|
| 1 | 1 | Directional arrow | 800 x 28 | Pine-plywood, 28 mm thick |
| 2 | 1 | Weathercock | 350 x 300 ¹ | Pine-plywood |
| 3 | 1 | Support plate | dia. 130 | 18 mm thick |
| 4 | 4 | Letters | according to screen sketch ² | |
| 5 | 1 | Carrier rod | length as required | Pine wood, dia. 30 mm |
| 6 | 4 | Booms | 180 long | Beech, dia. 8 mm |

¹ Base sizes; Copy the contours onto the wood with the help of the screen design.
The exact original size of the box is 25 x 25 mm.

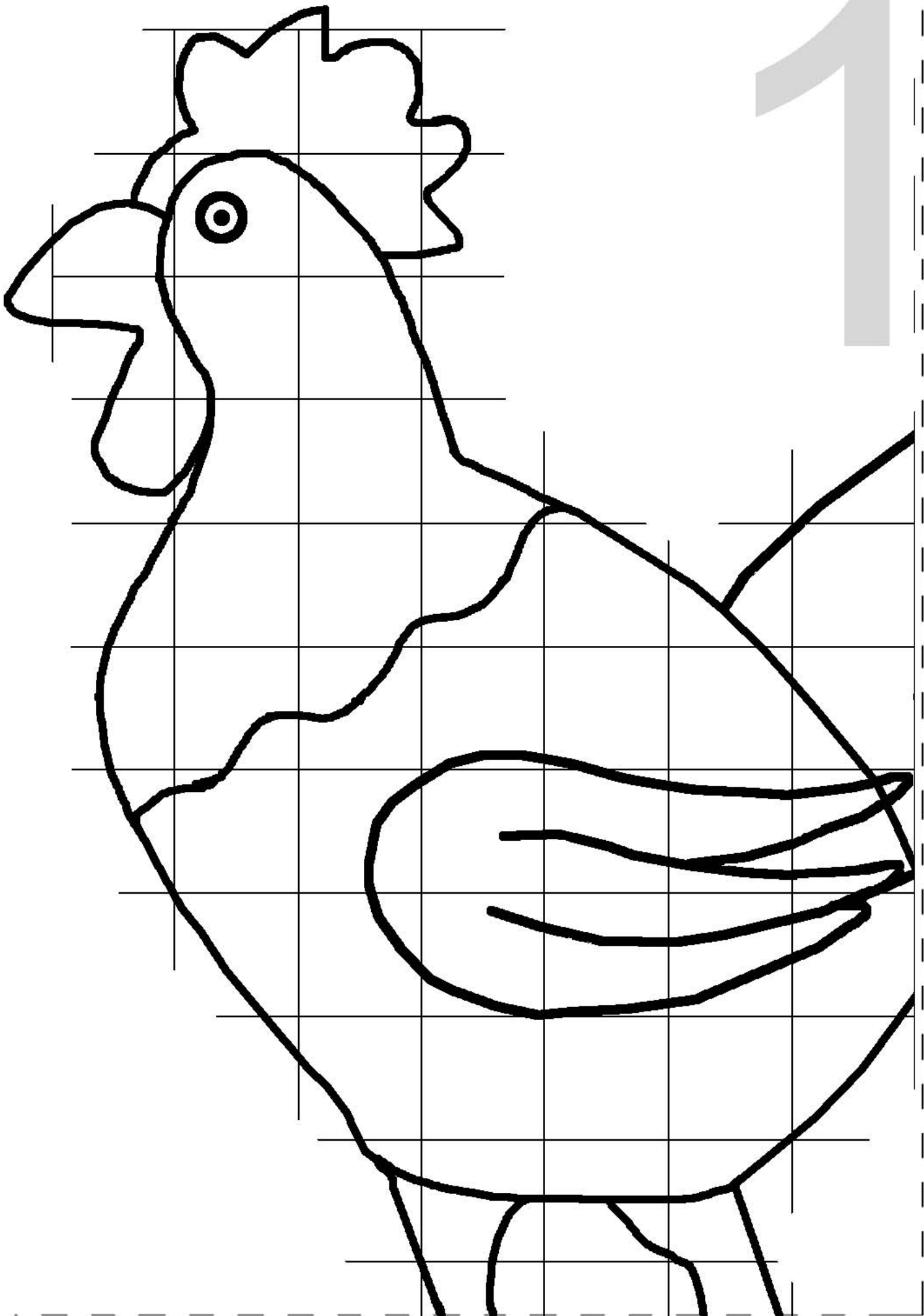
² Our "pattern" for pencilling over the letters.

A box on the screen corresponds to 10 x 10 mm in actual size.

1 hexagonal wood screw 5.0 x 50 with 2 screws;

2 chipboard screws 3.5 x 45 (for securing cock);

Wood glue.



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