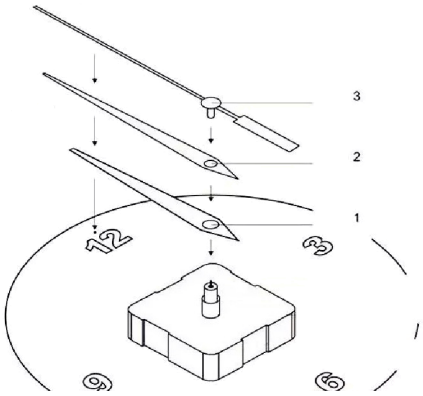
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Installing a Roundshaft movement

Fixing, fitting the hands and checking operation

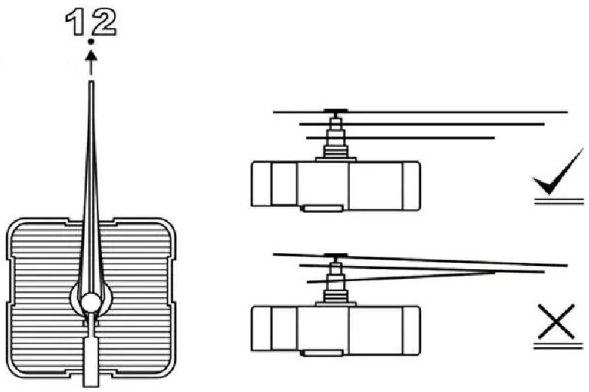
Remove the battery before assembly.

Order of the hands



1. Hour · 2. Minute · 3. Second, if used

Hand alignment



Align with 12 when fitting. The hands must be parallel and must not touch each other.

01 Check the dial and hands

The dial thickness must suit the selected variant. Check the fitting type, mounting hole size and hand length. Remove any protective film from the hands before assembly.

02 Secure the movement gently

Do not overtighten the nut with a spanner or pliers: this can deform the case or break the threaded section and stop the movement. A couple of strips of double-sided tape can provide additional support; they do not replace the nut or selected centre nut. Do not force the case into a tight recess. Allow room for possible movement of the dial material.

03 Fit the hands without force

Fit the hour hand first, then the minute hand and, if used, the second hand. Align them with 12 when fitting. They must not touch each other, the dial or the glass. If fitting a second hand, press it on only far enough that a gentle pull will not dislodge it. Pressing too hard can displace the metal shaft and stop or permanently damage the movement. A second-hand cap can give the centre a neat finish when no second hand is fitted.

04 Consider the clock's weight and hanging method

Both plastic and metal hangers have load limits. Excessive load can deform the movement case and affect operation. Use a separate hanger, independent of the movement, for a heavy clock.

05 Check a full movement cycle

Use the time-setting wheel on the back of the movement to advance the hour and minute hands through a complete 12-hour cycle. Do not turn the hands directly. After inserting the battery, check operation in the clock's intended position; if a second hand is fitted, also watch one full revolution.

How to choose a clock movement

See the product page for the dimensions and hand limits of your model.

Take the old movement to an electrical and electronic equipment collection point.