

Replacement Quartz Movement & Hands Checklist

Replacement movements and hands require precise measurements on your behalf to ensure that you find a suitable replacement, which often require a pair of [verniers](#). If you're not confident with your measurements, it is best to order a replacement movement and set of hands that are compatible with each other.

Your original hands may not be compatible with your replacement movement. Ensure you have gathered accurate measurements of your hands, following our guide and checklist below, and check these measurements with information provided on our website's product descriptions.

Step by step guide to replacing a quartz clock movement (with video guide included):
<https://bit.ly/quartzmovementhelp>

Before proceeding with this checklist please ensure you have removed your hands and movement from your clock.

Required Measurements (See notes for additional information for each measurement):

- Total shaft length¹ = _____
- Dial thickness² = _____
- Minute hand hole dimensions³ = _____
- Hour hand hole dimensions⁴ = _____
- Identify shaft type⁵ = _____
- Minute hand length from centre hole to point⁶ = _____

Additional notes:

¹ *Total shaft length is measured from the base of the shaft to the very point. This is especially important if you have a glass or plastic lens on the front of your clock.*

² *Dial thickness measurement is taken from the shaft hole in the centre of the dial. This is measuring from the front to the back of the dial. Please note, when referring to the dial, this could be a solid piece of timber that the movement sits behind, or a decorative ceramic plate, or simply a thin plastic or metal substrate with a dial printed on the front. However we are referring to the part of the clock that the movement is fixed behind, to measure if the shaft will reach through to the front of the clock and be fixed in place.*

³ *Minute hand hole dimensions will either be round (press fit shaft) or the round hole will have two parallel square sides (eurofit shaft or I-shaft). The square sides shaped minute hand hole is the main indicator to identify which shaft type you'll require.*

⁴ *Hour hand hole dimensions are always round, and a larger diameter than the minute hand hole*

⁵ *Identify shaft type refers to whether you have a Euroshaft or Press fit movement. You can easily tell if your minute hand hole has square sides, and requires you to unscrew a small*

nut to release the minute hand. **NOTE:** If you remove your minute hand and you have a brass shaft sticking out from the centre of the hand, you have likely removed the minute shaft from the movement and it is still attached to the hand. Unscrew the small nut on the front of the hand to remove this brass shaft and push it back into the centre of the movement to get your measurements.

⁶ If your minute hand is longer than 160mm from centre hole to point, or weighs more than 8 grams, you will require a high torque movement.

If you're unsure, read the guide using this link: <https://bit.ly/quartzmovementhelp>