
Anniversary Clock Identification

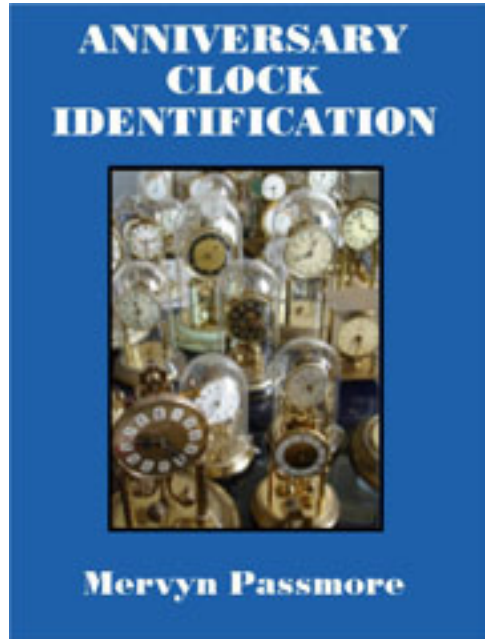
by
Mervyn Passmore

Anniversary Clock Identification by Mervyn Passmore contains information, data and images on the majority of mass-produced Anniversary Clocks manufactured during the last 100 years.

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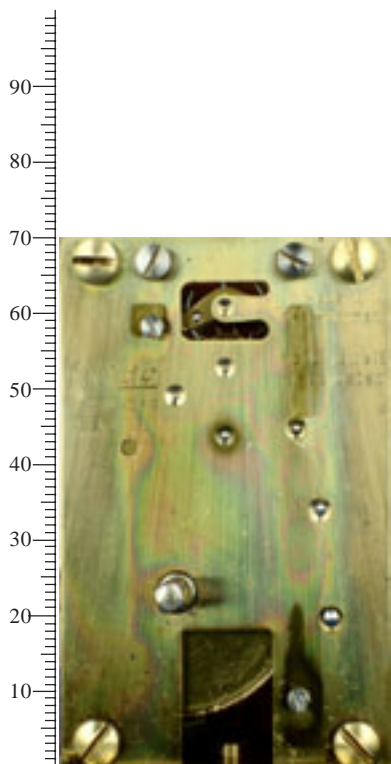
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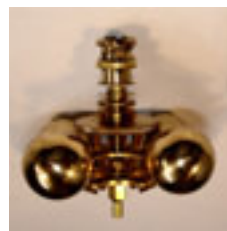
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Manufacturer:**Kieninger & Obergfell**Model:**K&O Midget****44mm x 70mm x 23mm**Backplate information:**May have:****Kundo****Kieninger & Obergfell****Made in West Germany****No (0) jewels, Unadjusted.**Movement ID code: **KO-MIDG**Notes:

The Kundo Midget movement is ironically the same size as the miniature movement, but has a distinctive rectangular cutout at the base. This was to prevent the pendulum hook assembly from touching the plate.



The pendulum hook arrangement was raised above the platform.



11-20 Kieninger

K&O Midget
44 x 70 x 23mm



The high pendulum hook required a cutout in the backplate

Notes

To create a midget using a miniature movement involved creating a very short pendulum and using a shorter suspension. The plate had a rectangle cut out at the base to make room for the high pendulum hook and its locking washers.

To prevent the locking lever moving during shipping a split pin was inserted vertically through the hole on the left of the platform.

Replacement units are normally supplied with fixed pins. You will have to push out the pin and enlarge the hole to reuse the loose pin

Rapid Recognition Tips

The only Kieninger & Obergfell/Kundo backplate with a rectangle cut out at the base. The pendulum hook is above the platform. The platform that supports the movement is normally only 40mm above the base.

Data

Movement ID Code **KO-MIDG**
Plate shape **Rectangular**
Plate width **44mm**
Plate height **70mm**
Gap between plates **23mm**
Escapement type **Dead beat**
Original key size **3.50mm**
Winding side **Left**
Pivot adjuster **Adjustable arm**
Locking device: **Under the platform**
Pendulum type/s **4-ball**
Mainspring barrel **17mm x 34mm**
Replacement wire **No. 5 (Horolovar™ 0.0022"/0.056mm)**
Replacement unit **KO-MID (Horolovar™ 5F)**
Jig settings **58mm, 62mm**
Mainspring **14 x 0.35 x 30mm (815mm)**
Beats per minute **10**
Bob weight **144g.**



*M&P part numbers,
not for final publication:*
Suspension wire: 0401 002215
Suspension unit 0679 000506,
Mainspring: 0607 143015
Key: 0333 035014
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Examples of clocks fitted with the Kieninger & Obergfell midget movement

