
Anniversary Clock Identification

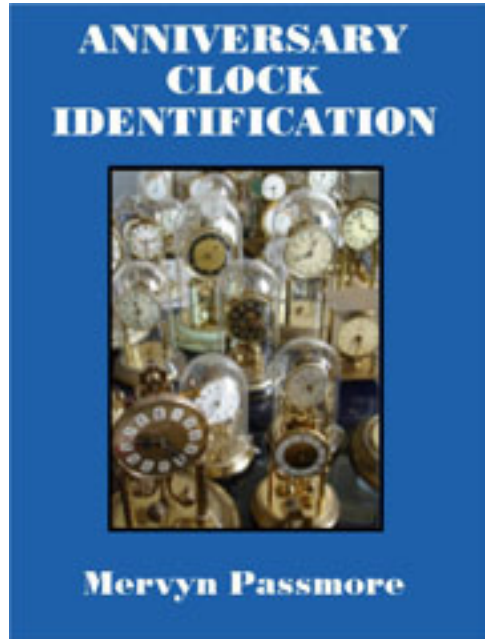
by
Mervyn Passmore

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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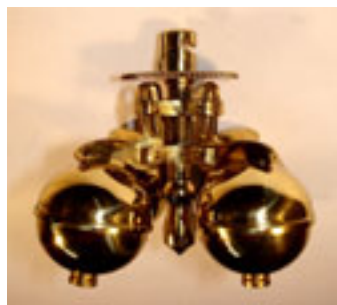
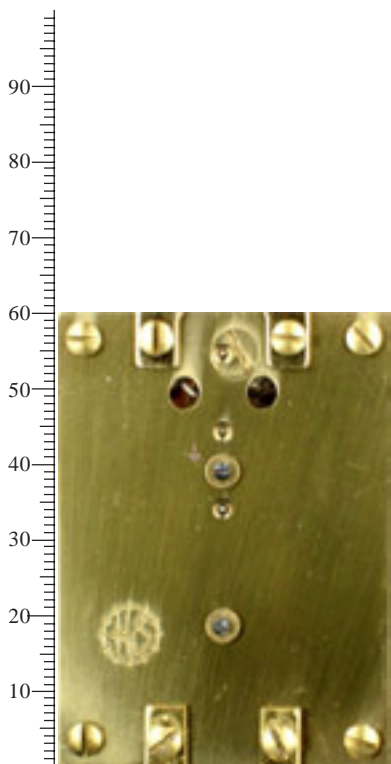
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Manufacturer:**Kern & Söhne**Model:**Kern Miniature Remontoire
44mm x 60mm x 20mm**Backplate information:**May have:****KS in a dashed circle**Movement ID code: **KS-REM**Notes:

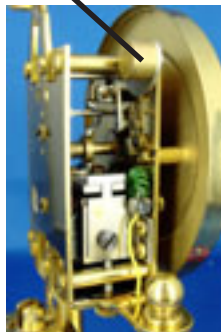
Although technically a battery movement, the battery only applies a pulse every 4 minutes to maintain mechanical power to the train. It is in fact weight driven, as a small weight on an arm is lifted at each impulse.



10-28 Kern

Kern Miniature Remontoire 44 x 60 x 20mm

The weight attached to an arm.



Notes

When the weight on an arm drops below a fixed point, a pair of electrical contacts make contact. This powers the solenoid which kicks the arm bearing the weight back up. The battery is mounted beneath the base. 3v penlight batteries are no longer available, but two AA batteries in a suitable holder taped to the base will operate the clock.

When you change the battery, take a cotton bud dipped in alcohol and clean the electrical contacts.

Rapid Recognition Tips

KS with no winding shaft on the backplate.

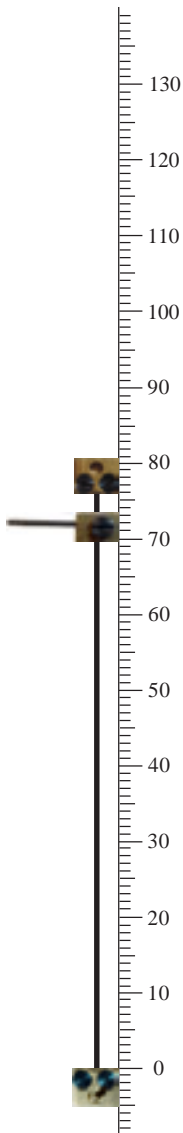
Visible solenoid mechanism.



Solenoid

Data

Movement ID Code	KS-REM
Plate shape	Rectangular
Plate width	44mm
Plate height	60mm
Gap between plates	20mm
Escapement type	Dead beat
Battery	Penlight 3v
Winding side	n/a
Pivot adjuster	Eccentric nut
Locking device:	Beneath the base
Pendulum type/s	4-ball
Mainspring barrel	n/a
Replacement wire	No. 2 (Horolovar™ 0.0019"/0.048mm)
Replacement unit	KS-MLT (Horolovar™ 12D)
Jig settings	72mm, 76mm
Mainspring	n/a
Beats per minute	6
Bob weight	255g.



Examples of clocks fitted with the KS miniature remontoire movement



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