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# Anniversary Clock Identification

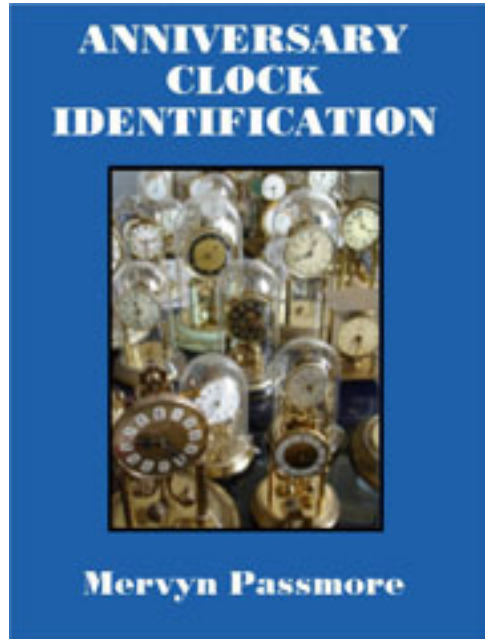
by  
Mervyn Passmore

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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Manufacturer:

**W.u A. Shmid-Schlenker Jr.**

Model:

**Shmid-Schlenker  
Uni-directional**

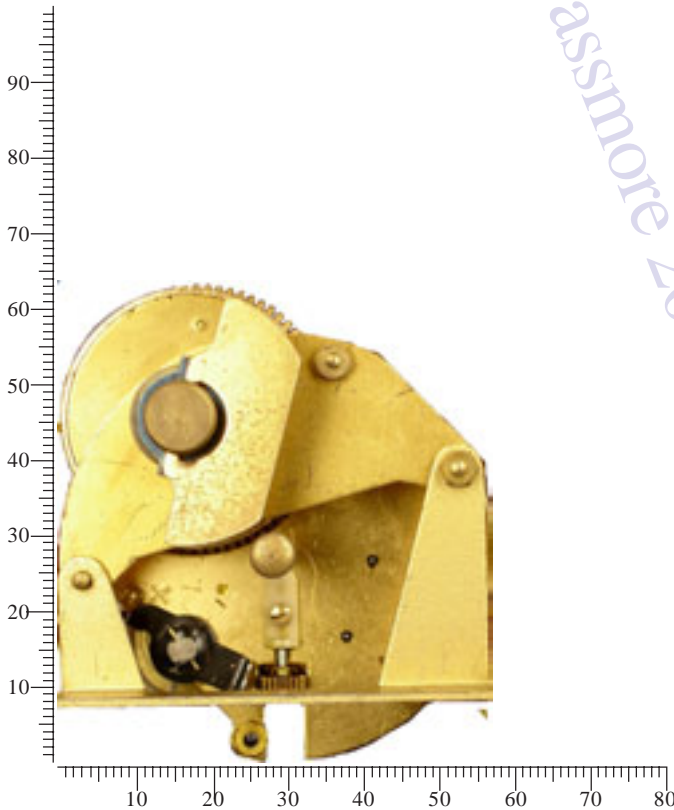
Backplate information:

Normally unmarked

Movement ID code: **SS-ES**

Notes:

Not a true torsion movement, but an 8 day movement using a balance wheel. The pendulum is driven in one continuous direction by the train.



## Shmid-Schlenker

### Uni-directional, enclosed spring

#### Notes

The bob has a fine spring steel wire pointing upwards. A gear wheel turns above the pendulum shaft, and the spring catches in the teeth of the gear. Being delicate, the fine spring wire flexes, converting the jerky movement of the gearwheel into the almost continuous rotation of the bob.

#### Rapid Recognition Tips

#### Data

Movement ID Code ..... **SS-ES**  
Plate shape ..... **Circular**  
Plate width ..... **55mm**  
Plate height ..... **n/a**  
Gap between plates ..... **12mm**  
Escapement type ..... **Balance wheel**  
Original key size ..... **Screw on alarm style winder**  
Winding side ..... **left**  
Pivot adjuster ..... **n/a**  
Locking device: ..... **None**  
Pendulum type/s ..... **4-ball**  
Mainspring barrel ..... **15mm x 30mm**  
Replacement wire ..... **n/a**  
Replacement unit ..... **n/a**  
Jig settings ..... **n/a**  
Mainspring ..... **n/a**  
Beats per minute ..... **1**  
Bob weight ..... **20g.**



*The fine spring that drives the pendulum, coiled around the shaft and engaging with the teeth of a gear..*

Examples of clocks fitted with the Schmid-Schlenker unidirectional movement.

