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# **Anniversary Clock Identification**

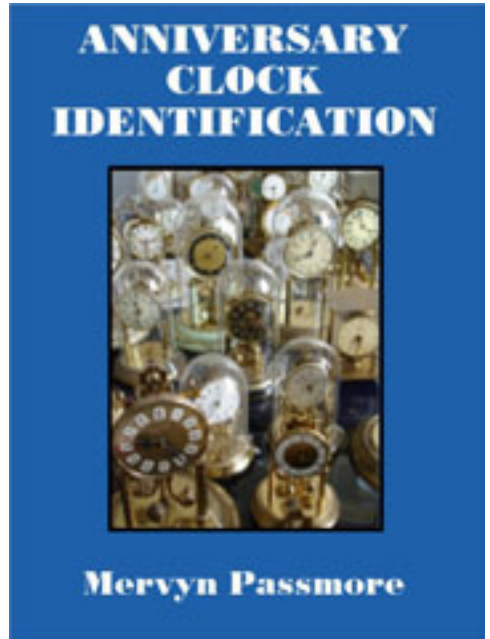
by  
Mervyn Passmore

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:

**Konrad Mauch**

Backplate information:

**Koma beneath a semicircular clock  
with hands at 10:12  
Made in Germany**

Model:

**Koma miniature late,  
external ratchet  
42mm x 77mm x 25mm**

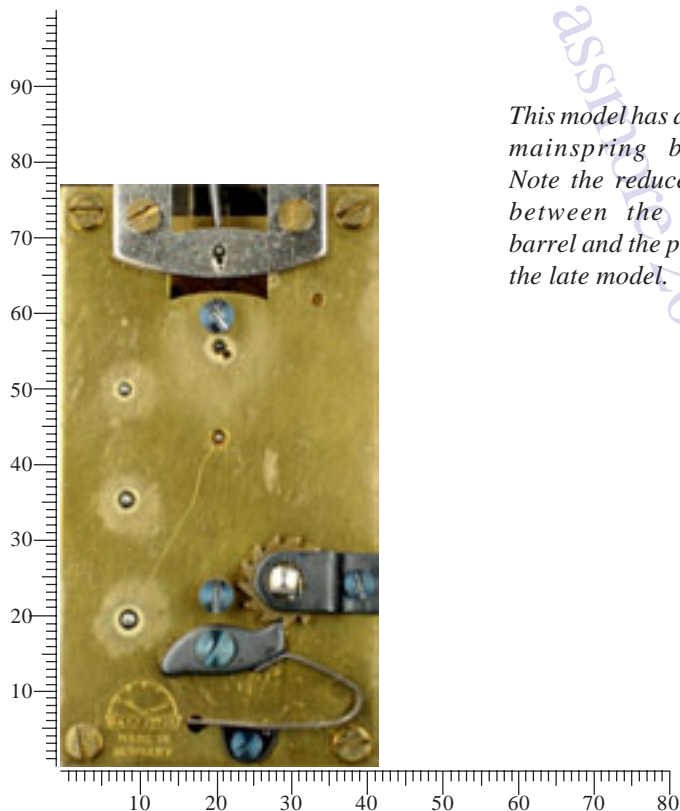


*External ratchet*

Movement ID code: **KM-MINL**

Notes:

This is the later model, with the stronger mainspring. The spring on the earlier design proved too weak. This model had a wider barrel, with two wheels re-arranged to accommodate the change. Not to be confused with the same size plate with the ratchet inside the front plate.



*This model has a wider  
mainspring barrel.  
Note the reduced gap  
between the 18mm  
barrel and the plate on  
the late model.*



*4mm (Narrow) Gap*



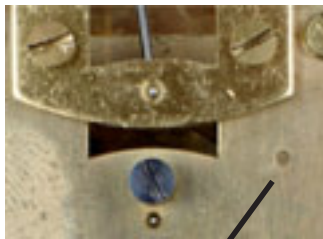
# 13-16 Konrad-Mauch

Anniversary Clock Identification by Mervyn Passmore

**Koma miniature late, external ratchet**  
**42 x 77 x 25mm**

## Notes

Lantern cased models may have screwed cases, so a rear hand setter was required. This is a shaft through the hole in the top right-hand corner of the plates, engaging with the motion work.



*The hole for the lantern cased hand setter.*

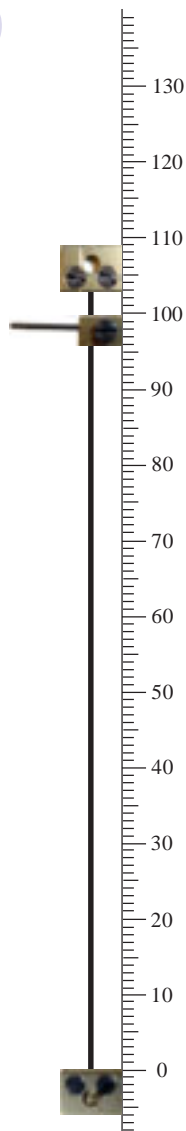


*The distinctive Koma cut-out in most back plates.*

## Rapid Recognition Tips

### Data

Movement ID Code .....	<b>KM-MINL</b>
Plate shape .....	<b>Rectangular</b>
Plate width .....	<b>42mm</b>
Plate height .....	<b>77mm</b>
Gap between plates .....	<b>25mm</b>
Escapement type .....	<b>Dead beat</b>
Original key size .....	<b>3.50mm</b>
Winding side .....	<b>Right</b>
Pivot adjuster .....	<b>Screwed bracket</b>
Locking device: .....	<b>On the guard</b>
Pendulum type/s .....	<b>4-ball</b>
Mainspring barrel .....	<b>18mm x 35mm</b>
Replacement wire .....	<b>No. 12 (Horolovar™ 0.0032"/0.081mm)</b>
Replacement unit .....	<b>KM-MIN (Horolovar™ 14A)</b>
Jig settings .....	<b>98mm, 103mm</b>
Mainspring .....	<b>15 x 0.50 x 32mm (760mm)</b>
Beats per minute .....	<b>8</b>
Bob weight .....	<b>232g.</b>



Examples of clocks fitted with the Koma miniature late external ratchet movement

