MECHANICAL MOVEMENT DIMENSIONAL SPECIFICATIONS

HERMLE- Westminster Chime Movement
Hermle Designation: 451-030/66CM
KLOCKIT NO. 13008

IMPORTANT:
The schematic below is drawn as a general representation of the movement and accessory parts. The drawing is solely for the purpose of providing important dimensions related to the clock case measurements.

Dimensions: Dimension Explanation

(A)=24" Dimension from the center of the hand shaft to the tip of the pendulum bob adjust screw.

(B) For pendulum swing operating width, refer to the swing specification of the pendulum. Add 1" for the minimum inside case width.
HOWEVER! To utilize the movement "AUTO BEAT ADJUSTMENT" feature, increase the inside case width as follows: pendulum bob diameter + 6" to 8".

(C)=52" This is the dimension from the center of the hand-shaft to the bottom of the center (timekeeping) weight after 8 days of operation (weight drop).

(D)=4-3/4" This is the dimension from the center of the hand-shaft to the top surface of the mounted chime casting block. (See note at bottom of sheet.)

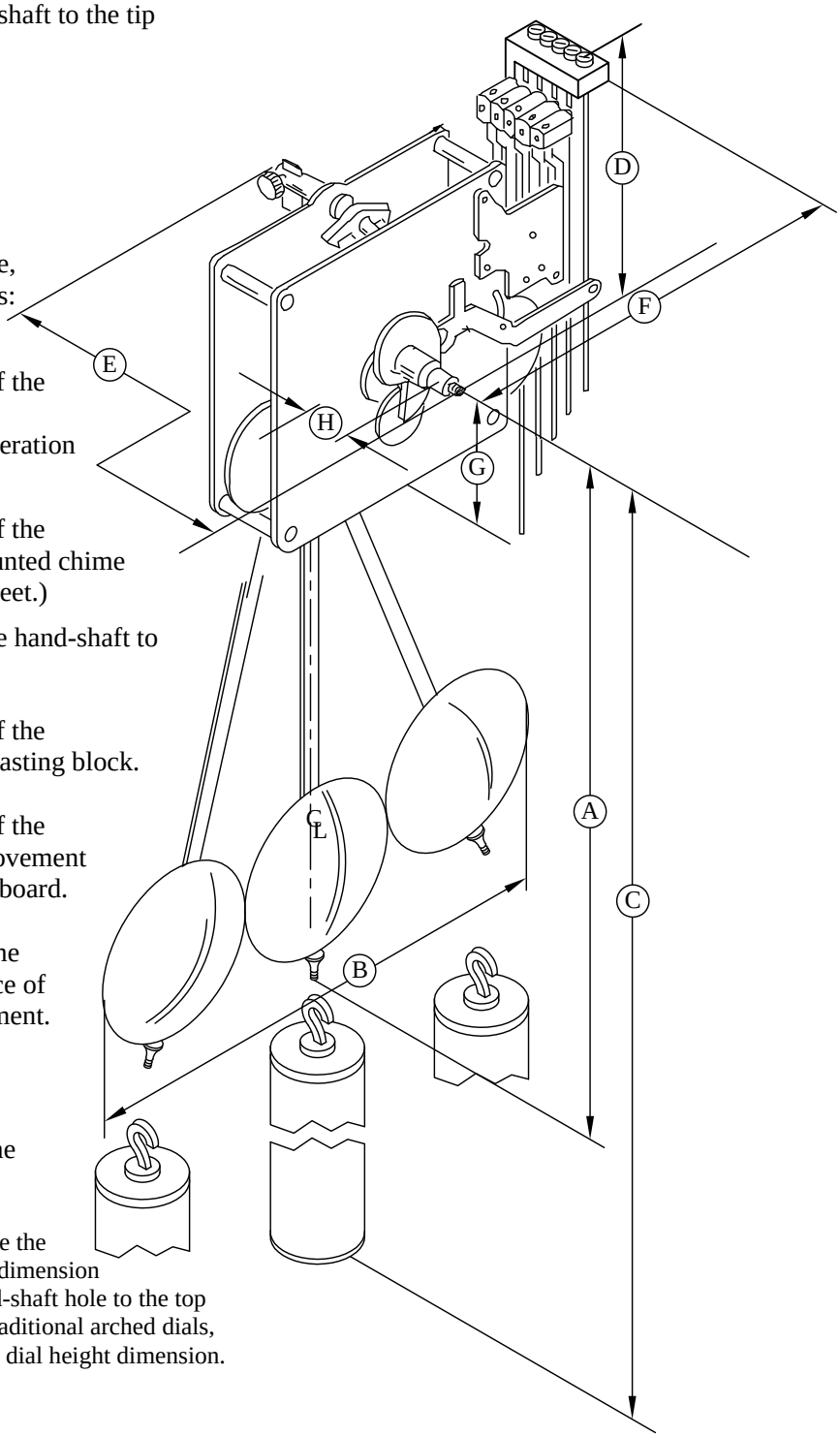
(E)=4-1/2" This is the dimension from the tip of the hand-shaft to the back of the pendulum support arm.

(F)=4-3/8" This is the dimension from the center of the hand-shaft to the outside of the chime casting block.

(G)=2-3/16" This is the dimension from the center of the hand-shaft to the bottom edge of the movement front/back plates that mount to the seat board.

(H)=15/16" This is the maximum dimension from the front movement plate to the front surface of dials not directly mounted to the movement.

(I)=11/16" This dimension is not illustrated on the schematic to the right, but is the space between the front face of the dial and the front of the weight assemblies.

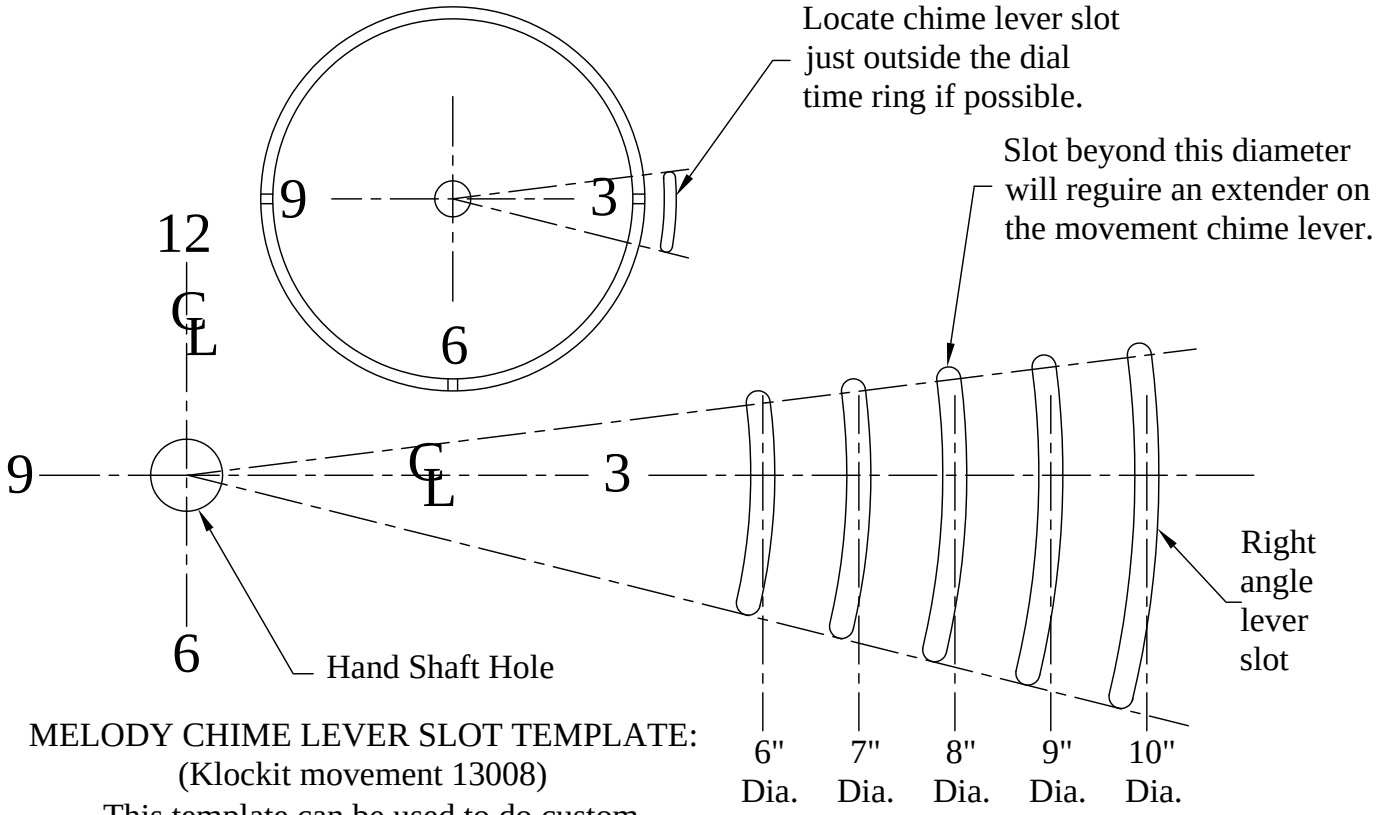


Note : In determining the overall inside clock case length, use the (C-weight drop) dimension plus the greater of either the (D) dimension shown above or the measurement from the center of the hand-shaft hole to the top center edge of the dial. To determine this measurement for traditional arched dials, subtract half the width dimension of the dial from the overall dial height dimension.

KLOCKIT

Stock No. 13008B

See back side for chime lever slot template and key-wind arbor hole pattern (Custom punch dials)



MELODY CHIME LEVER SLOT TEMPLATE:
(Klockit movement 13008)

This template can be used to do custom dial punching so the chime right angle lever that is provide with the movement can be extended through the dial.