FRONT PLATE
(Inside shown facing up)

WOODLINE USA

WOODLINE CLOCK
FRONT PLATE - Part #1
1/2" SOLID WOOD

DO NOT SCALE
Part # 18 - ESCAPEMENT AND SECOND HAND ARBORS

SECOND ARBOR SECTION VIEW

ESCAPEMENT ARBOR SECTION VIEW
Part # 17 - 16 Tooth Pinion Gear For Dial Train

1/16" ANCHOR HOLE

1/8" COUNTERBORE FOR #1 WOOD SCREW
PART #16 - 16 TOOTH PINION GEAR

REFER TO TEMPLATE FOR GEAR TEETH AND SPOKES.

Drill Ø1/16" Anchor Hole

COUNTERBORE FOR HEAD OF #1 SCREW
PART #15 - 10 TOOTH PINION GEAR

REFER TO TEMPLATE FOR GEAR TEETH AND SPOKES.
PARTS 13 & 14 - 8 TOOTH PINION FOR ESCAPEMENT & SECOND HAND
BOTH PIECES ARE IDENTICAL

REFER TO TEMPLATE FOR GEAR TEETH AND SPOKES.
PART #12 - 40 TOOTH GEAR

REFER TO TEMPLATE FOR GEAR TEETH AND SPOKES.
PART #11 - 48 TOOTH GEAR FOR DRIVE TRAIN

REFER TO TEMPLATE FOR GEAR TEETH AND SPOKES.
PART #10 - 48 TOOTH GEAR FOR DIAL TRAIN

REFER TO TEMPLATE FOR GEAR TEETH AND SPOKES.
PART #8 - 64 TOOTH GEAR

REFER TO TEMPLATE FOR GEAR TEETH AND SPOKES.

WOODLINE USA

WOODLINE CLOCK

PART #8 - 64 TOOTH GEAR
3/8" THICK PLYWOOD
NEED 2 PCS.

DO NOT SCALE

mike@woodline.com - 1-800-472-6560

3d Drawings by Gregg Zurek
PART #7 - UPPER SPACERS

4\frac{1}{16}

\( \phi \frac{17}{64} \) \( \phi \frac{3}{4} \)

4\frac{1}{16}

\( \phi \frac{17}{64} \) \( \phi \frac{3}{4} \)
PART #4 (2 PCS)
RIGHT LOWER STANDOFF

PART #5
STANDOFF SPACER

PART #6 (2 PCS)
LEFT LOWER STANDOFF

PART #5
STANDOFF SPACER
TOP SHELF - PART WS-1

SHELF BRACKETS (2 NEEDED) PART WS-2

BACK - PART WS-3

WOODLINE USA

WOODLINE CLOCK
WALL MOUNTED SHELF
3/4" SOLID WOOD

DO NOT SCALE

WS1
PARTS #49 - 50 & 51
WINDING ENGAGEMENT CYLINDER - KNOB - HANDLE PLATE

FRONT VIEW
END VIEW

WINDING KNOB

FRONT VIEW
RIGHT VIEW

HANDLE PLATE

WINDING ENGAGEMENT CYLINDER

WOODLINE USA
WOODLINE CLOCK

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Unless Otherwise Specified
Dimensions are in Inches
All Non-Standard Tolerances Are Specified in Affected Dimensions

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3d Drawings by Gregg Zurek

DO NOT SCALE
PART #47 - WEIGHT CASE W / END-CAPS

Clock weight shell with ends
Fill with lead shot
Use screw eye in end to attach cable - see page 47.1
PART #44 - PENDULUM RETAINER AND PIVOT WEDGE

EACH SQUARE REPRESENTS 1/4" X 1/4"
PART #43 - PENDULUM HANGER SUPPORT

TOP VIEW

FRONT VIEW
PART #41 - PENDULUM LOCK ASSEMBLY

PENDULUM WEDGE

PENDULUM LOCK BRACKET
PART #39 - PAWL STRIPS - 2 NEEDED
PART #40 - PAWL RETAINER DOWELS - 2 NEEDED

PAWL STRIP

PAWL RETAINER
PART #37 - NUT COVERS

FULL SECTION
EACH SQUARE REPRESENTS 1/4" X 1/4"

PART #34 - CRUTCH

TOP VIEW

HOLE FOR #1 SCREW - CHECK SIZE

FRONT VIEW

WOODLINE USA

Name: Wayne S
Revision: 01-002

WOODLINE CLOCK

Part # 34 - Crutch - Wood
3/16" Thick - Tight Slot Fit onto escape lever Arbor for best adjust

Unless Otherwise Specified
Dimensions are in inches
All Non-Standard Tolerances Are Specified In Affected Dimensions

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3d Drawings by Gregg Zurek
PART #29 - ESCAPEMENT LEVER

REFER TO TEMPLATE FOR GEAR TEETH AND SPOKES.
Part # 28 - Escapement Lever Bracket - Wood

EACH SQUARE REPRESENTS 1/4" X 1/4"
PART #24 - RATCHET

REFER TO TEMPLATE FOR GEAR TEETH AND SPOKES.
PART #23 - CANNON TUBE

HOUR HAND MUST FIT SNUG BUT ROTATE WITH MILD FINGER PRESSURE

SNUG FIT IN 48 TOOTH DIAL TRAIN #10

TRIM LENGTH AFTER INSTALLED IN POSITION ON PART #10

SECTION A-A

WOODLINE USA

WOODLINE CLOCK

Part # 23 – Cannon Tube - Wood
Part is to be trimmed to fit at installation

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3d Drawings by Gregg Zurek

DO NOT SCALE
PART #21 - WEIGHT ARBOR

SECTION A-A

1/8" BRASS PIN
DO NOT GLUE IN PLACE UNTIL THE VERY LAST

Ø1/8" HOLE FOR DRIVE CABLE
SEE PAGE 21.1 FOR CLARITY

TRIM THIS END TO FINAL LENGTH AT INSTALLATION

WOODLINE USA

WOODLINE CLOCK

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All Non-Standard Tolerances Are Specified In Affected Dimensions

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DO NOT SCALE
PART #20 - ESCAPEMENT LEVER ARBOR

SECTION AA

3/32" BRASS PIN - RECESS 1/4" OVERALL LENGTH - 7/16"
PART #19 - DIAL TRAIN ARBOR

SECTION A-A

DRILL HOLE FOR PIN AFTER INSTALLING GEAR

Taper This End Slightly (0.0025)
For Loose Fit On 40 Tooth Gear #12