

GENERAL INSTALLATION/SPECIFICATION GUIDE



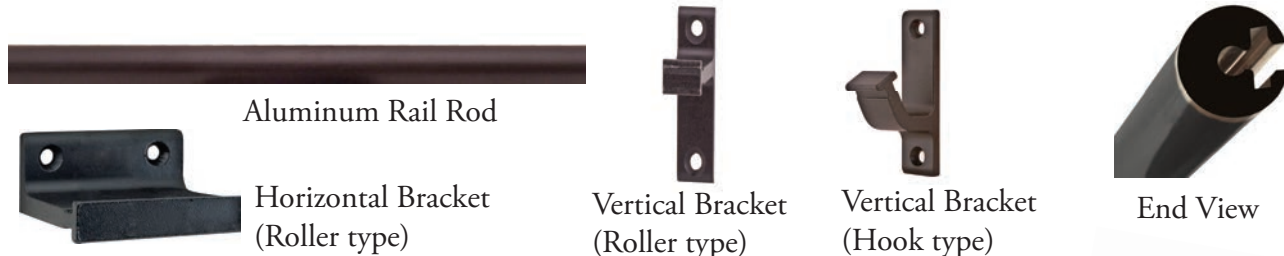
Please Note!!

Tools Required For Assembly

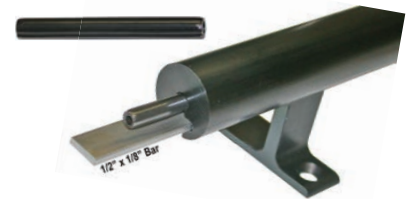
- 4mm & 5mm allen wrenches.
- #2 Phillips & #2 Square screw driver.
- 6mm x 20 thread tap.
- 6mm Drill bit

Step 1: Rail Installation

(A) Slide brackets into rail, recommended maximum spacing 813mm apart. Pre-drill holes in wood if needed and screw brackets in place.

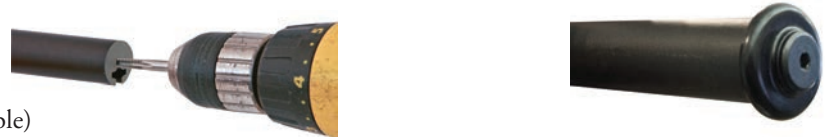


(B) Use the splice kit to connect rails together. (If applicable) Rolled steel pin
Insert roll pin halfway into one of the rails. Slide the steel bar half-way into rail. Secure the splice kit to rail on both sides by tightening the set screws.



(C) Tap the end of the rail with a 6mm x 20 tap (not supplied) to screw in the end stop finial (done before installation of rail). Install end cap with screw provided using a 4mm Allen wrench.

Note: Leave at least a **178mm clearance** above the rail for the top guide hardware to operate properly, and allow the ladder to move against the wall for storage.



Step 2: Ladder Assembly (if applicable)

Assemble the steps onto the side rails with glue and screws. Glue and pin nail the top turned rung into place.

Step 3: Ladder Hardware Installation

(A) Install steps support rods under each step using 5mm allen

(B) Drill holes and install top guides to ladder centering the top dowel (top dowel recommended) of the ladder. The placement of the holes will allow a small adjustment of height of ladder, either up or down.



Install Top Turned Rungs

Use a forstner bit, drill 22mm hole part way through for the turned rungs



(C) Line up bottom rollers vertical to the floor when ladder is in the climbing position Pre-drill holes and install bottom rollers. For the non-skid foot, center on the bottom of rail and pre-drill holes.



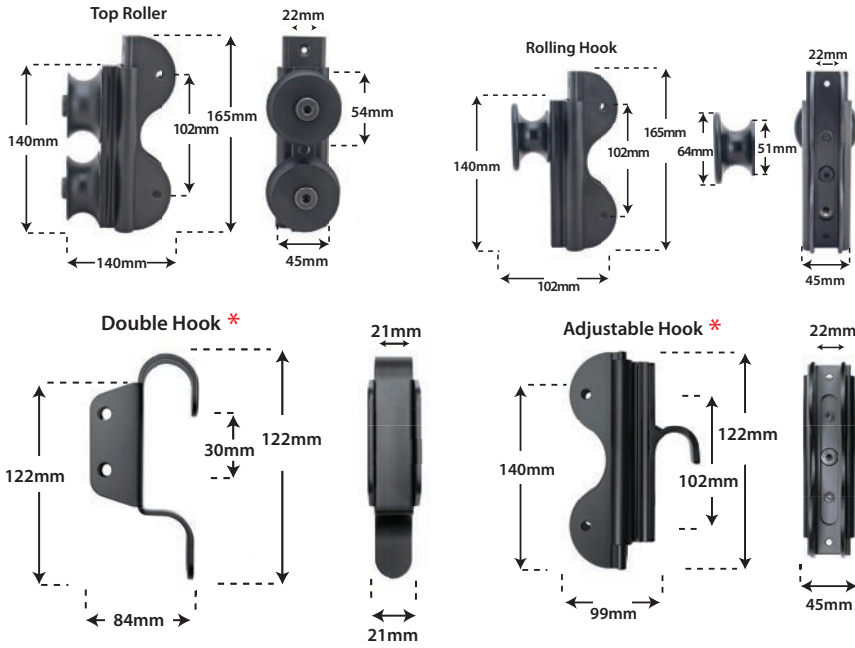
Ladder in the climbing position



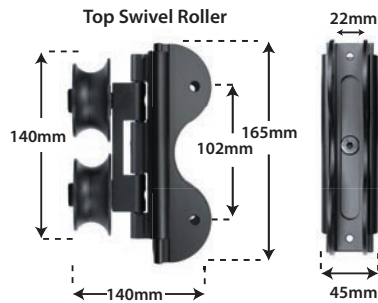
Ladder in the stored position

Note: Proper Pre-drilling of holes for the wood screws on the bottom of the ladder will prevent splitting of the ladder side rails

Top Ladder Hardware



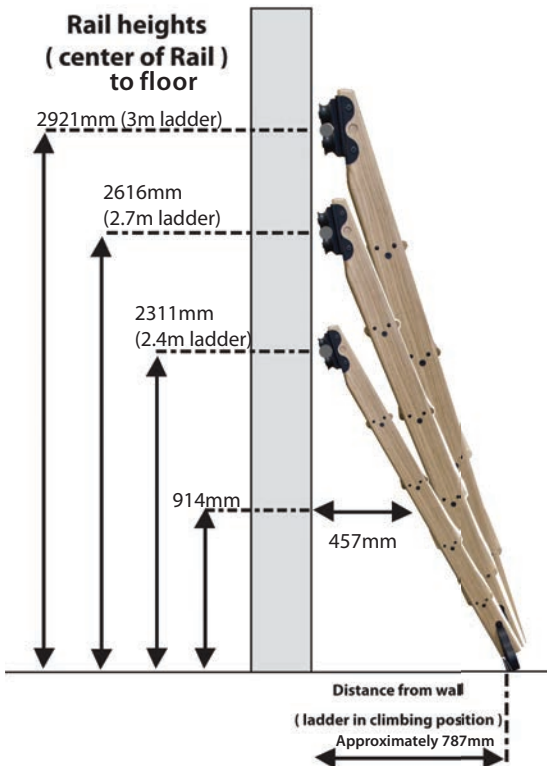
* Designed For Loft Applications



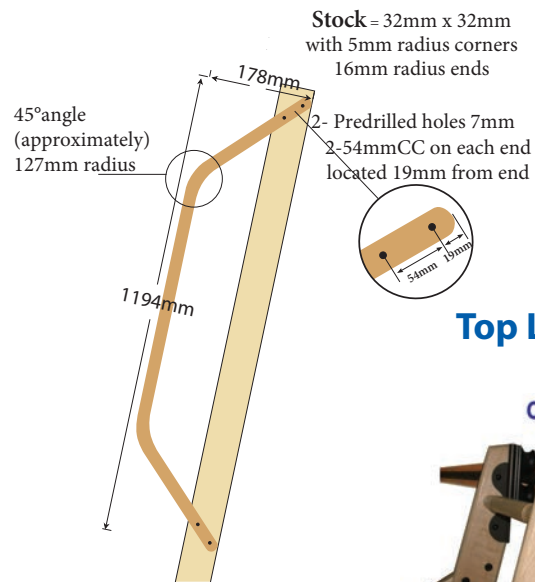
Bottom Ladder Hardware



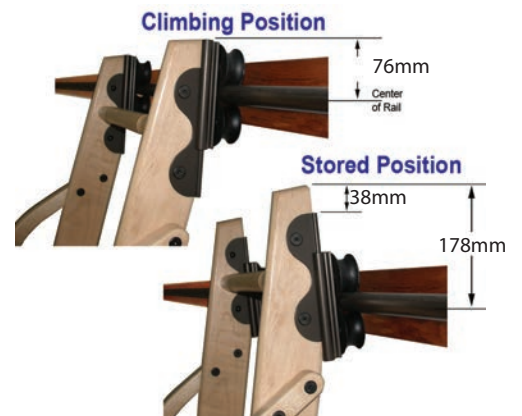
Rail Height and distance for 2.4m, 2.7m, 3m standard ladders



Hand Rail dimensions



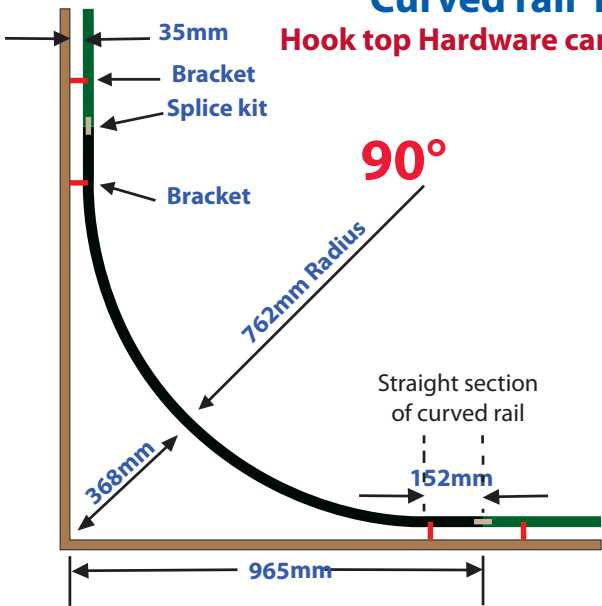
Top Ladder Clearance



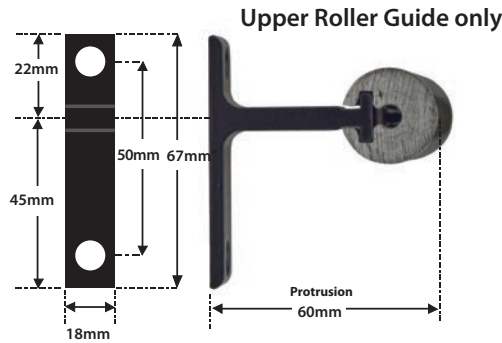
Curved rail radius dimensions

Hook top Hardware cannot be used with curved rails!

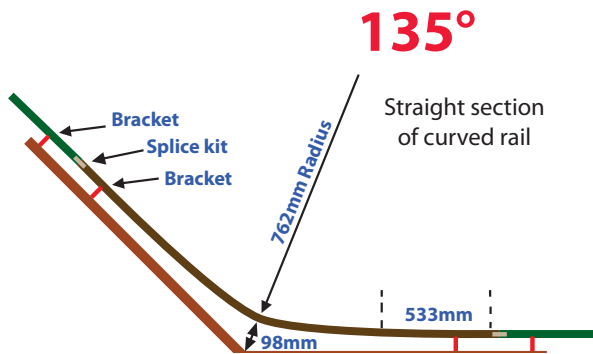
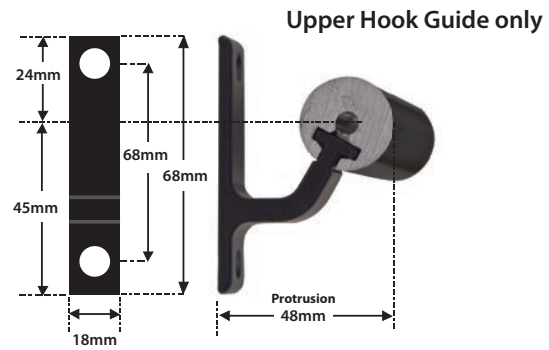
Rail Diameter = 25mm



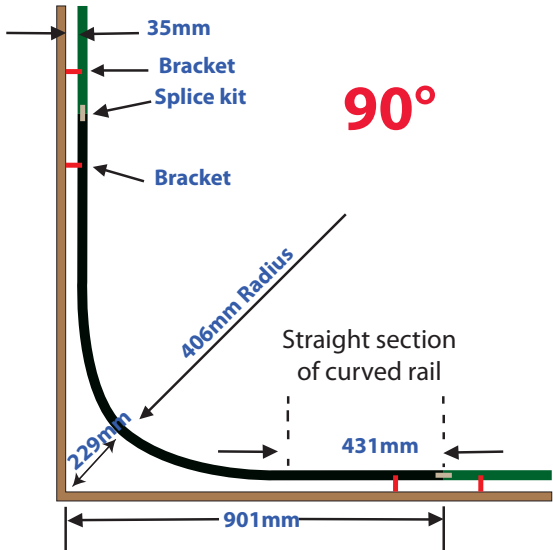
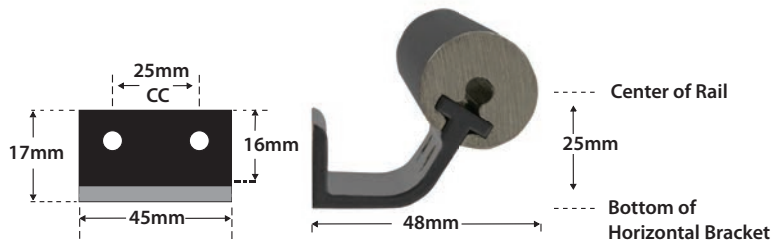
Rail Bracket - Vertical Roller type



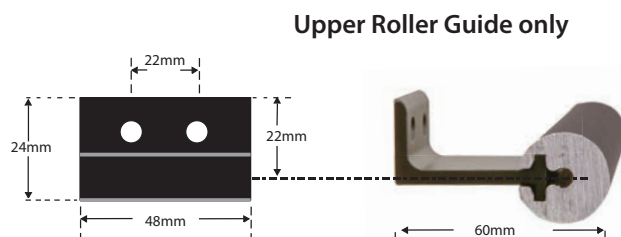
Rail Bracket - Vertical Hook or Rolling Hook type



Rail Bracket - Horizontal Rolling Hook type

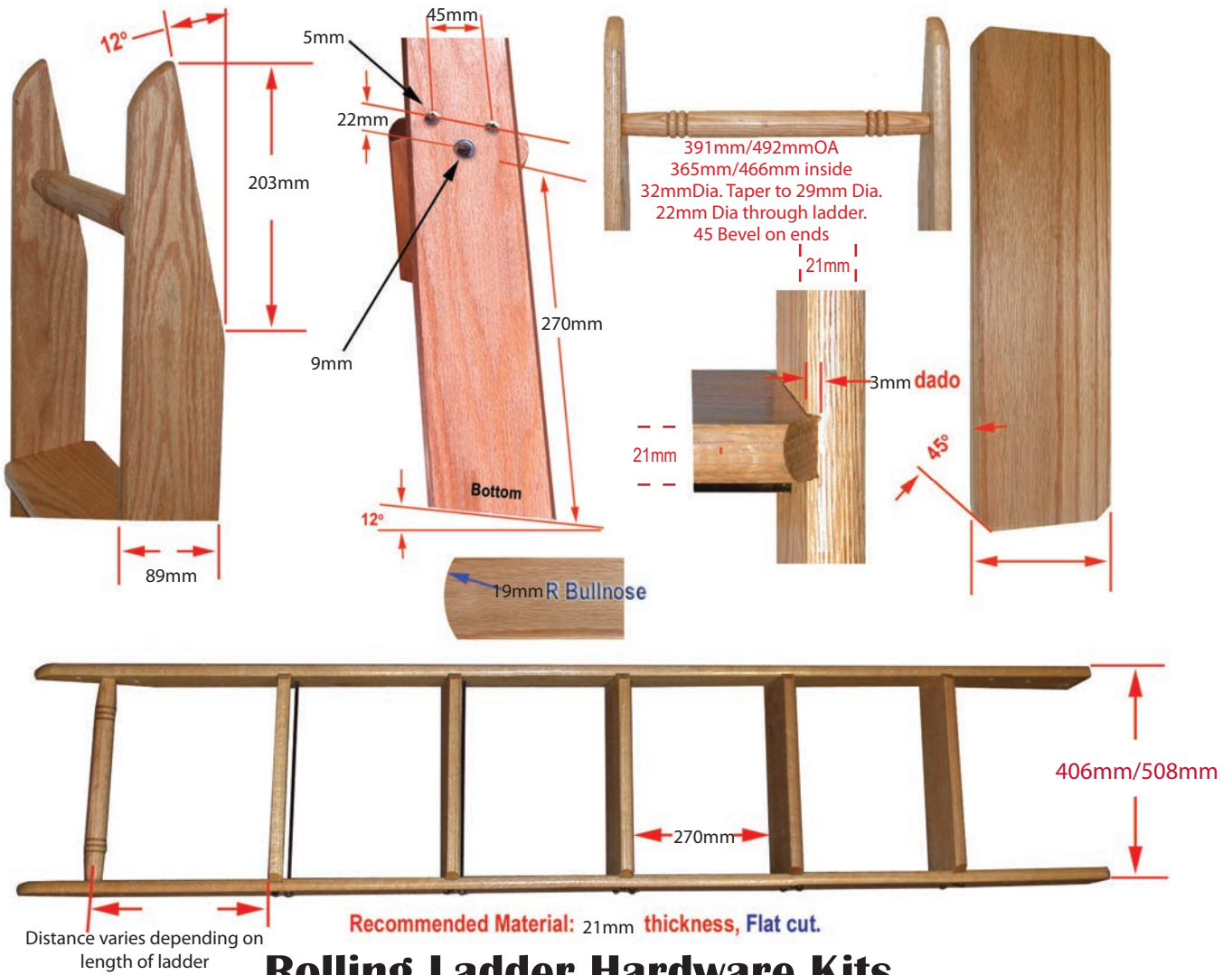


Rail Bracket Horizontal Roller type



Make your own Ladder

To determine length of ladder: Measure from the center of rail to the floor, then **add five inches** to the measurement.



Rolling Ladder Hardware Kits

Patent Pending - Exclusive Patent on Rolling Hook Top Hardware



Rolling Hook upper guide



Roller upper guide

LIFETIME WARRANTY

