

# E Series Knob Installation Instructions



<p>Mark hole</p>	<p><b>1. MARK DOOR</b></p> <p>Start approximately 36"(914mm) from floor, fold and apply template to the edge of door bevel and mark center point on door edge as indicated on template. Mark center point on door face through guide on template.</p> <p><b>NOTE:</b> Backset on door face must be same as backset of lock.</p>	<p><b>NOTE:</b> For entry locksets, guardbolt must stop against strike as illustrated, preventing forcing when door is closed.</p>
<p>2-1/8"(54mm) hole</p> <p>1"(25mm) hole The hole should be at least 3-5/8" (92mm) deep.</p>	<p><b>2. BORE TWO HOLES</b></p> <p>Set the center hole according to the length of latch and the backset of template.</p> <p>A. Bore a 2-1/8"(54mm) hole in center of door face for chassis. (It is recommended to bore hole from both sides of door to avoid splintering.)</p> <p>B. Bore a 1"(25mm) hole in center of door edge for latch.</p>	<p><b>5. INSTALL OUTSIDE KNOB (OR LEVER) ASSEMBLY</b></p> <p>A. Install outside knob (or lever) assembly with supporting nut and rotating stem through the hole on latch. Press flush with door face.</p> <p><b>NOTE:</b> Key hole must be in correct position.</p> <p>B. For UL fire-rated lockset, the protection sleeve needs to be inserted into the lock body hole before lock body installation for protection purpose.</p>
<p>A B C D</p>	<p><b>3. INSTALL LATCH</b></p> <p>A. Insert latch into hole, keeping it parallel to the face of door. Mark outline of latch face and remove latch.</p> <p>B. Chisel 1/8"(3mm) deep or until latch face is flush with door edge.</p> <p>C. Insert latch and fasten screws.</p> <p>D. For drive-in latch, press latch until it is flush with door edge.</p> <p><b>NOTE:</b> Latchbolt bevel must face to closing direction.</p>	<p><b>6. INSTALL INSIDE KNOB (OR LEVER) ASSEMBLY</b></p> <p>Install inside knob (or lever) assembly and tighten screws until lockset is firm.</p>
<p>A B C</p> <p>Horizontal center line</p> <p>Strike Guardbolt</p>	<p><b>4. INSTALL STRIKE</b></p> <p>A. (1) Close door until latchbolt touches door jamb. Along latch face to mark horizontal center line.</p> <p>(2) Measure one half of door thickness from one half of door jamb and mark vertical center line.</p> <p>(3) Extend horizontal center line and vertical center line to mark drill center point for strike.</p> <p>B. Bore a 1"(25mm) hole, 1/2" (13mm) deep in door jamb at center point for strike.</p> <p><b>NOTE:</b> To assure proper lockset function, hole in jamb must be drilled at least 1/2"(13mm) deep.</p> <p>C. Chisel door jamb 1/16"(1.6mm) deep for strike. Fit strike flush with door jamb and fasten screws.</p>	<p>Backset</p>
<p><b>TEMPLATE</b></p> <p>Fold along dotted line and fit on door edge</p> <p>Bore 1"(25mm) hole in center of door edge</p> <p>Mark center of door thickness for 1"(25mm) hole</p> <p>1-3/4" (45mm) 1-9/16" (40mm) 1-3/8" (35mm)</p>	<p>Select desired backset, 2-3/8"(60mm) or 2-3/4"(70mm).</p> <p>2-3/4"(70mm) backset</p> <p>2-3/8"(60mm) backset</p> <p>Bore 2-1/8" (54mm) hole</p> <p>Mark center for 2-1/8" (54mm) hole</p>	

Backset is a distance from door edge to center of hole on door face. Some locksets are supplied with adjustable latch which can fit 2-3/8" (60mm) or 2-3/4" (70mm) backset. Just follow the steps shown below to change backset.

A. This latch is set for 2-3/8" (60mm) backset.

B. Keep spindle cam in correct position as illustrated. Pull out spindle cam all the way to right.

C. Your latch is now set for 2-3/4" (70mm) backset. To reset 2-3/8" (60mm) backset, just push spindle cam back to left side.

Some locksets are supplied with 4-way latch which can fit either mortise-in or drive-in.

A. This latch is for mortise-in.

B. Rotate latch face clockwise 20 degree and pull out latch face.

C. This latch is for drive-in.