#510 & #600 CAMTROL PIVOT MORTISE APPLICATION IN WOOD FLOOR CENTER LINE OF CAM BOX —— SAME AS CENTER LINE OF DOOR TOP OF JAMB TOP DOOR 2.38 mm **BRACKET** 3.18 mm BOTH SIDES OF DOOR4 Install cam box in head jamb and in the floor. The top and bottom pivot are to be 32.54 mm from the edge of the jamb per the template. For metal frame, reinforcement plate will be necessary for the top cam box. 2. Mortise top of the door and drill 19.1 mm ø19.1 mm TOP OF DOOR hole for top pivot pin. Mount the top door bracket on top of the door. 3. Mortise hinge edge of door to receive the bottom door bracket. Also cut 19.1 mm 4.76 mm MORTISE tall x 9.53 mm wide x 38.1 mm long slot into door for bottom pivot pin. HINGE Place plastic dust cover washer on **EGDE** top of the bottom cam box pivot pin. OF 5. Place bottom door bracket on top of DÖOR the pivot pin. 6. Rotate top and bottom pivot pin 90 JAMB degrees to the open position to engage **FRAME** 7. Lift door into place on the top pivot pin and screw bottom bracket to the back of the door using just the adjustment slot. 8. Now, force the door upward against the top pivot pin, while sliding the bottom bracket down, seating it firmly on the bottom pivot pin. Now that all vertical movement has been removed 4.76 mm MORTISE from the door assembly, place screws in HINGE EDGE OF DOOR ONLY the 3 remaining holes in the bottom bracket. -BOTTOM OF DOOR BOTTOM BRACKET (5 SLOT FOR PIVOT PIN \mathbb{C} BOTTOM OF DOOR 9.53 mm MIN. – 25.4 mm MAX. DOOR CLEARANCE ADJUSTMENT SLOT 19.1 mm 9.53 mm **PLASTIC** DUST COVER (4 WASHER DOOR FLOOR LINE **FLOOR** BOTTOM OF DOOR CAM BOX CAM BOX (MORTISE INTO FLOOR) **DESCRIPTION:** HAGER RESERVES THE RIGHT TO MAKE #510 & #600 CAMTROL PIVOT INSTALLATION INSTRUCTIONS METRIC DESIGN CHANGES WITHOUT NOTICE. HAGER COMPANIES PART NO. **REVISION** NO. BY DATE 139 Victor St. St. Louis, MO 63104 1-800-325-9995 1 - 361MBECO CT09003|SLJ |04.20.10