FOR PIVOT 253 (NON-HANDED)  
NOTE: RIGHT HAND SHOWN

STEP NO. 1  

SET THE COMBINATION SQUARE ON 1-7/32 [31.1] FOR A HINGE WITH A STANDARD .054" SWAGE. 1-3/16 FOR A ZERO SWAGE HINGE. PLACE THE SQUARE AGAINST THE FRAMACE IN THE VERTICAL POSITION AND MAKE A COUPLE OF MARKS. (SEE FIGURE 2)

WITH THE SQUARE INTERSECT THE 1-1/4 LINE AND 3/4 LINE. CENTER PUNCH THIS LOCATION. MEASURE 5-1/4" FROM THIS Spot ON THE 3/4 LINE AND Center PUNCH THIS SPOT. (SEE FIGURE 3)

MEASURE 1-3/4 FROM THE FIRST SPOT ON THE 1-1/4 LINE AND CENTER PUNCH THAT. MEASURE ANOTHER 1.75 FROM THAT POINT AND CENTER PUNCH AGAIN. (SEE FIGURE 4)

STEP NO. 2  
DRILL HOLES AS REQUIRED PER SCHEDULE

METAL FRAME - DRILL .201" (5.11 mm) DIAMETER HOLES (NO. 7 DRILL) AND TAP FOR 1/4-20 MACHINE SCREW.  
NOTE: IF MATERIAL THICKNESS IS NOT SUFFICIENT OR WHEN HOLLOW METAL FRAMES ARE NOT REINFORCED, USE 1/4 X 1 1/4" TYPE A SHEET METAL SCREW.

WOOD FRAME - DRILL PILOT HOLES AND INSTALL WOOD SCREWS. INSTALL FRAME PIVOT. (SEE FIGURE 5) NOTE: REMOVE THE BRONZE BUSHING THAT IS NOT BEING USED SO THAT IT WILL NOT INTERFER WITH PIVOT MOVEMENT.

STEP NO. 3  
WITH DOOR IN PLACE, CHECK TO BE SURE THAT HINGES ARE FIRMLY ATTACHED AND THERE IS PROPER CLEARANCE BETWEEN DOOR AND FRAME AT ALL SIDES OF JAMB AND DOOR BOTTOM. IF DOOR TENDS TO SAG AWAY FROM HINGE JAMB AT TOP, DRIVE WEDGES BETWEEN FRAME AND DOOR AT OPPOSITE STRIKE SIDE AND REALIGN HINGES UNTIL DOOR IS PROPERLY POSITIONED TO SWING FREE.

STEP NO. 4  
PLACE DOOR PORTION OF PIVOT (WITH PIN IN PLACE) ON DOOR AND MOVE INTO POSITION SO THAT PIN ENTERS THE BRONZE BUSHING. WHEN PROPERLY ALIGNED WITH LOWER PART MAKING LIGHT CONTACT WITH BEARINGFLANGE, HOLD FIRMLY IN PLACE, PARALLEL WITH TOP OF DOOR, AND MARK HOLE LOCATIONS. (SEE FIGURE 6)

STEP NO. 5  
REPEAT DRILLING INSTRUCTIONS NOTED IN STEP NO. 2.  
NOTE: USE TWO (2) THRU BOLTS (SEX BOLTS) FURNISHED WITH EACH PIVOT. USE AS REQUIRED FOR HOLLOW METAL, OR MINERAL CORE DOORS. DRILL 1/4" (6.35 mm) HOLE THROUGH DOOR. ENLARGE HOLE ON SIDE OPPOSITE PIVOT ONLY TO 3/8" (9.53 mm) DIAMETER FOR SEX BOLT. (SEE FIGURE 7) INSTALL DOOR PIVOT

NOTES:
1. DIMENSIONS ( ) ARE MILLIMETERS