



NOTES:

1. DO NOT SCALE DRAWING.
2. DIMENSIONS ARE IN INCHES/(MM).
3. CAUTION: SEX NUTS ARE REQUIRED FOR ATTACHMENT OF COMPONENTS TO UNREINFORCED DOORS AND TO WOOD OR PLASTIC FACED COMPOSITE TYPE FIRE DOORS, UNLESS AN ALTERNATIVE METHOD IS IDENTIFIED IN THE INDIVIDUAL DOOR MANUFACTURER'S LISTINGS.
4. CAUTION-DORMA RECOMMENDS FRAME REINFORCEMENT (BY OTHERS) TO BE SUPPLIED AND IN PLACE BEFORE FRAME IS INSTALLED.
5. TEMPLATE FOR 4-1/2" X 4-1/2" BUTT HINGES AND 3/4" OFFSET PIVOTS.
6. MINIMUM DOOR WIDTH 34".
7. HOLD OPEN RANGE 80°-120°.
8. MAXIMUM OPENING 130°.
9. RIGHT HAND DOOR SHOWN
10. DOOR OPENINGS TO 90 DEG, A MIN OF 3-3/4" BETWEEN DOOR FACE AND WALL REQ'D

DOOR CLOSER MODELS: TS93 EMR/DE
TRACK INSTALLATION (PULL SIDE MOUNT)
WITH SMOKE DETECTOR

DORMA USA, Inc.
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