DIMENSIONS INSTALLATION INCHES MILLIMETERS Nominal, subject to tolerance extremes. **Door Preparation 8-1/64** 203.6 HOW BACKSET IS MEASURED: FOR INSTALLATION LOCKING THRESHOLD INVERT FOR HEADER LOCKING Finish: US28 Satin Aluminum (628) Consult factory about special finishes. **7-1/4** 184.2 DRILL & TAP PLATE 8-32 THREAD 0 <u></u> • 8 203.2 DRILL 3/4 DIA CLEARANCE HOLE IN ~ DOOR PLATE RH BEVEL 1872HM(RH) ⊛ 19.1 9 228.6 Lock & Cylinder Installation BOLT GUIDE 8-32 FLAT HEAD — MACHINE SCREWS (3) EXTENDED 13-1/2* 342.9 CYLINDER HEIGHT BOLT NOSE OF DOOR 5/8 15.88 DIA. DRILL & TAP 8-32 THREAD *OTHER LENGTHS AVAILABLE ON SPECIAL ORDER 25.4 11/16 5/8 BOTTON 17.5 15.88 BOLT PROJECTION BOTTOM EDGE OF DOOR -3 CAM TOLERANCE: **Cylinder Cam** 1870HM Series locks are operable by any standard 1-5/32" diameter mortise cylinder with special MS® cam dimensioned as shown. Cylinders with MS® cams can be readily obtained from most cylinder manufacturers. See page SW-28 for cylinder and the special sp cylinder make and trim ring information. ADAMS RITE MANUFACTURING CO. 1870 HM Series Cylinder **Operated Flushbolt**

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