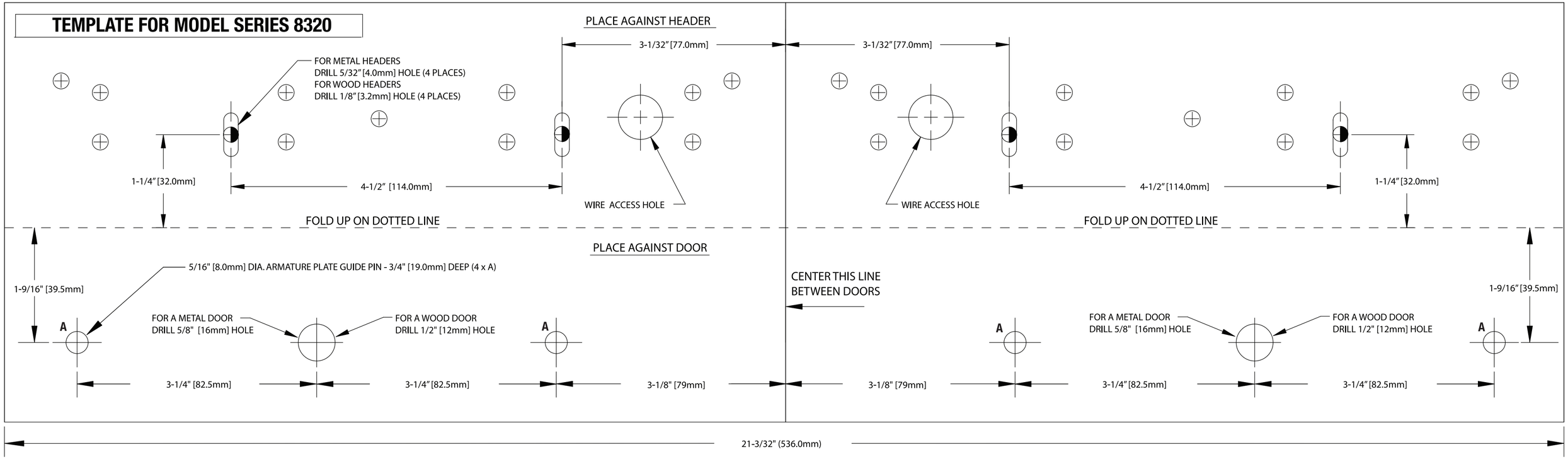

MOUNTING INSTRUCTIONS FOR 8320 DOUBLE DOOR SERIES

Installation of this product should be done by an experienced installer with knowledge of this product.

Step 1a) **Read Pre-Installation Instructions.**

Step 1b) **Prepare Doors & Frame.**
Fold template on dotted line above.
Place against closed doors and header.
Drill the 3 holes in each door and 4 holes in the header as indicated.
NOTE: Different hole sizes are required for the different materials.
Do not use as a doorstop. This will void warranty

Step 1c) **Mount Armature Plates**
Position bolt with rubber head through each armature plate.
Add 3 washers (steel - rubber -steel) onto each bolt.
Carefully apply thread locking compound to exposed thread.
While aligning pins secure armature plate to each door by threading into sexnut.
NOTE: Do not over tighten armature plate. It must remain moveable to allow surface alignment with Electromagnetic Lock face.

Step 1d) **Mount Electromagnetic Lock**
Remove anti-tamper and cavity screws from front of lock.
Loosen captive allen bolts thru bottom of lock and slide off mounting bracket keyholes.
Attach bracket to header with the 4 roundhead screws provided through the slots.
NOTE: Do not over tighten these screws as the bracket may need adjustment.
Slide electromagnetic lock onto mounting bracket keyholes.
Engage 1 captive screw at each end through bottom to fix lock position on bracket.
Adjust alignment to ensure full contact of magnets with armature plates.
Carefully remove electromagnetic lock without shifting mounting bracket.
Secure mounting bracket in position with the 22 TEK™ screws.

Step 1d) Cont'd Drill 2x ¾" (19mm) wire access holes using mounting bracket as a guide.
Tip the electromagnetic lock to expose the 4 captive mounting screws.
Carefully apply thread locking compound to exposed threads.
Slide electromagnetic lock onto mounting bracket keyholes.
Secure with 4 captive mounting screws.

When properly installed, the ends of the armature plate allow a slight movement but the plate will feel secure when grasped at the bolt. There should be no movement to the mounting bracket or housing of the electromagnetic lock.

NOTE: UL AND ULC LISTED ELECTROMAGNETIC LOCKING DEVICES MUST BE USED WITH UL OR ULC APPROVED POWER SUPPLIES. (RCI OFFERS A FULL LINE OF POWER SUPPLIES) RCI'S 8320 ELECTROMAGNETIC LOCKING DEVICES ARE cULus LISTED AND CALIFORNIA STATE FIRE MARSHAL LISTED.

WARNING: Improper installation, maintenance, inspection or usage of the product or any related accessories or parts may cause the electromagnetic lock, armature plate and associated hardware to disengage and fall, causing serious bodily injury and property damage. Rutherford Controls Int'l Inc. and/or Rutherford Controls Int'l Corp. will not be liable to the installer, purchaser, end user or anyone else for damage or injury to person or property due to improper installation, care, storage, handling, maintenance, inspection, abuse, misuse or act of God or nature involving this product or any related accessories or parts.

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