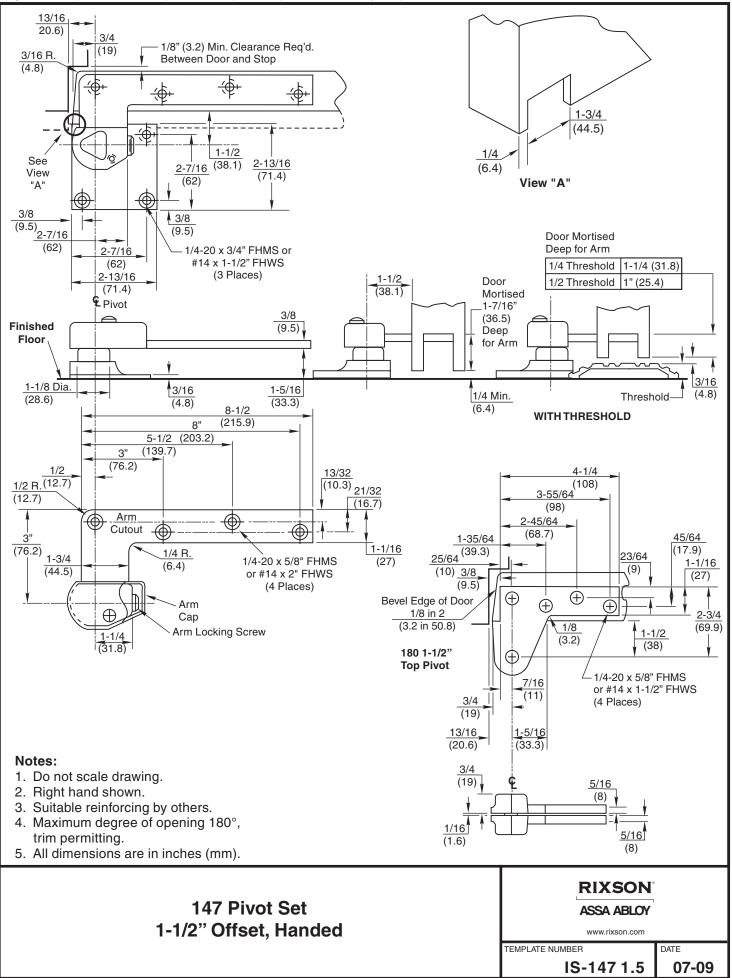
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# 147 x 1-1/2" Pivot Set Door Stop 1 1/8" (3.2) Minimum From 3/16 R Face of Door to Door Stop (4.8) Dool Jamb Right Hand Door 1-1/2" (38.1) From Face of Door to Ç of Spindle Spindle Position 13/16" (20.6) From Face of Jamb to **G** of Spindle 2 Pivot Stud Level in Both Directions $\mathbf{X}$ Floor Portion 3 **IMPORTANT:** Use plumb line to make sure that center line of top pivot pin lines up with center line of closer spindle. Arm Cap Screw Arm Cap 4 Door Arm Knuckle Shim 147 Pivot Set 1-1/2" Offset, Handed

1. Install Pivot

- A. Measure 13/16" (20.6) out from door jamb.
- B. Allow 1/8" (3.2) min. clearance from door stop to door face. Measure door thickness. Add 1-1/2" (38.1).
- C. Where lines meet determines center line of closer.

## 2. Set Pivot Set

- A. Prepare floor to receive floor portion. SET ANCHORS PROVIDED SECURELY IN FLOOR.
- B. Important: Floor portion must be level. Level in both directions per illustration.
- C. Floor portion should be parallel with center line of door.
- D. Insert pivot stud in floor portion.

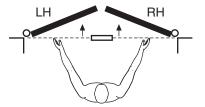
### 3. Install Top Pivot & Bottom Arm

- A. Install top pivot in door per template.
- B. Install top pivot in frame per template.
- C. Install arm in door per template.
- D. Center line of pivot should line up with center line of spindle. Use plumb line as illustrated.
- E. If side jamb pivot is used, see required template.

### 4. Hang Door

- A. Set door on pivot set spindle.
- B. Push Item 1 "top pivot pin" into place. Attach "cap" Item 2. CAP MUST BE TIGHTENED SECURELY.
- C. See Installation Instructions for M19/M190 x 1-1/2 Offset Intermediate Pivot.
- D. If door drags at floor (or threshold, if used) loosen arm locking screw and raise door to desired clearance and insert one or more 1/16" (1.6) shims. Retighten arm locking screw securely.
- E. Put arm cap on arm and secure tightly with cap screw furnished.

#### **How To Determine** Hand of Door



Face a door swinging open away from you. If it opens to the right, it is right hand. If it opens to the left, it is left hand.

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