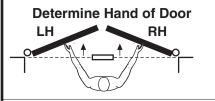


### 3/4" Offset Pivot

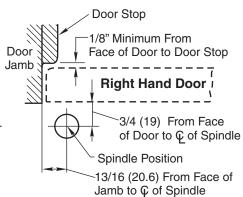
# 117-1/2" Pivot Set

#### Handed



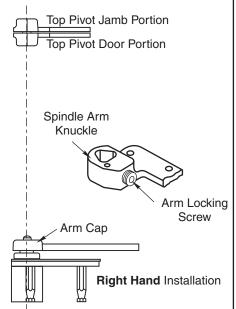
### 1. Locate Pivot

- A. Measure 13/16 (20.6) from door jamb.
- B. Allow 1/8 (3.2) minimum clearance from door stop to door face. Measure door thickness; add 3/4 (19).
- C. Where lines meet determines centerline of pivot.



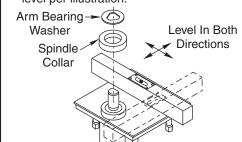
#### **IMPORTANT**

Use plumb line to make sure that centerline of top pin lines up with centerline of Pivot Spindle.



### 2 Install Cement Case In Floor

- A. For floor plate application, top of cement case is located 1/16 (1.6) below the finished floor.
- B. For threshold application, top of cement case is located flush with the finished floor.
- C. Set cement case in floor and block in position.
- D. Case should be parallel with centerline of door.
- E. Cement case should be level. Place level per illustration.



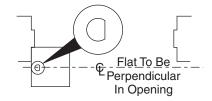
- F. Grout in cement case with bottom pivot. Cement should not get between pivot and cement case.
- G. A dummy steel floor plate is provided in the event that grinding of floors is necessary.

# 3. Install Top Pivot And Pivot Arm

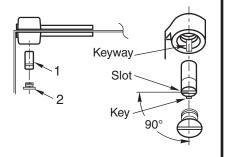
- Install top pivot in door per template.
- B. Install top pivot in frame per template.
- C. Install arm in door per template.
- D. Centerline of top pivot should line up with centerline of spindle. Use Plumb Line as illustrated.
- E. If side jamb pivot is used, see required template.

## 4. Hang Door

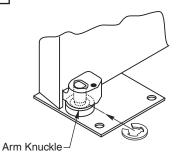
- A. To facilitate hanging of door, position flat on side of spindle so it is perpendicular with the opening, and pointing toward the lock jamb.
- B. Set door on spindle.



- C. Push top pivot pin (1) up into place. Note: Key on pin MUST ALIGN WITH KEYWAY. Keyway is towards face of door. Slot in pin is parallel to face of door.
- D. See Installation Instructions for M19/M190 Intermediate Pivot.
- E. Attach cap (2). CAP MUST BE TIGHTENED SECURELY.



- F. If door drags at floor or threshold (if used), loosen arm locking screw, raise door to desired clearance and insert one or more 1/16 (1.6) shims.
- G. Tighten Arm and Locking Screw securely.
- H. Put arm cap on arm and secure TIGHTLY with cap screw provided.
- Install floor plate, or threshold as required.



# **Do Not Scale Drawing**

117-1/2 Pivot Set 3/4" Offset, Single Acting Handed

> RIXSON° ASSA ABLOY

> > www.rixson.com

NUMBER **IS117-1/2** 

I S

05-24

Approved 2024-05-13