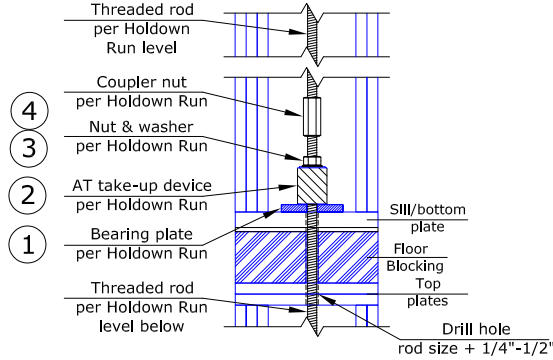




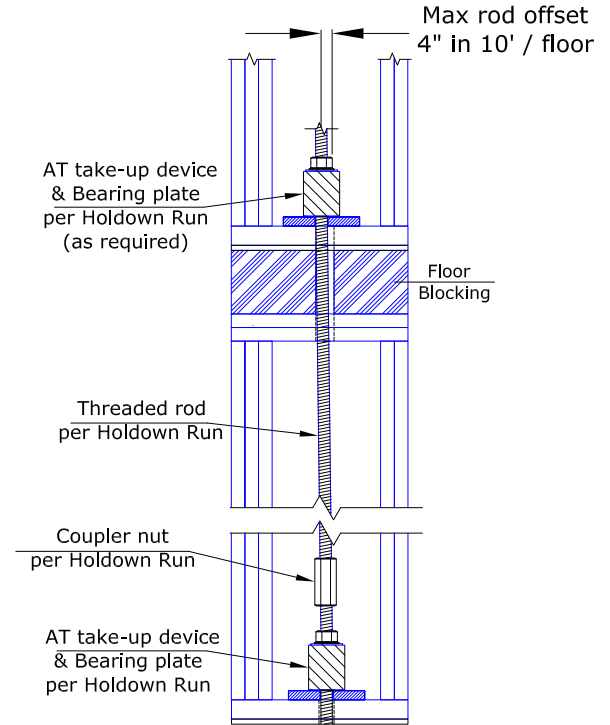
AT Shrinkage Compensator

Installation All reaction points use hardware as specified on the plans. Hardware consists of a (1) Bearing Plate, (2) Shrinkage Compensator, (3) Washer and (4) Nut installed in that order. See sketch.



Rod Offset

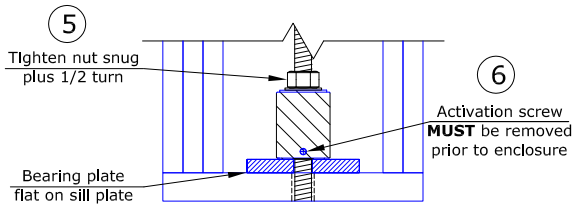
The maximum suggested rod offset floor-to-floor is 2" in 10'. However, the AT has been tested per AC 316 with a floor-to-floor out-of-plumb of 6" in 10'.



Activation

To activate the shrinkage compensator:

5. Tighten the nut snug, plus 1/2 turn
6. Remove and discard the activation screw. Use a #2 Philips driver driver. Activation may be performed when the Shrinkage Compensator is installed or later. It **MUST** be activated prior to the wall enclosure.



Bearing Plate Clearance

Vertical Run Clearance.

Bay Width, Bearing Plates - Compression Posts

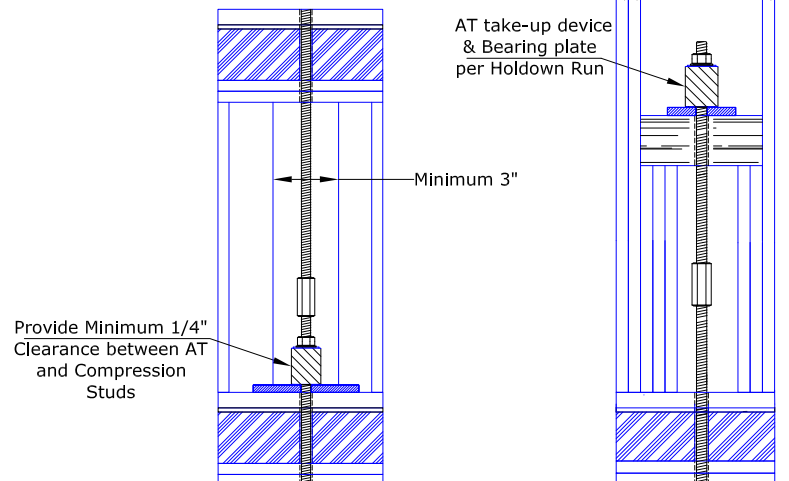
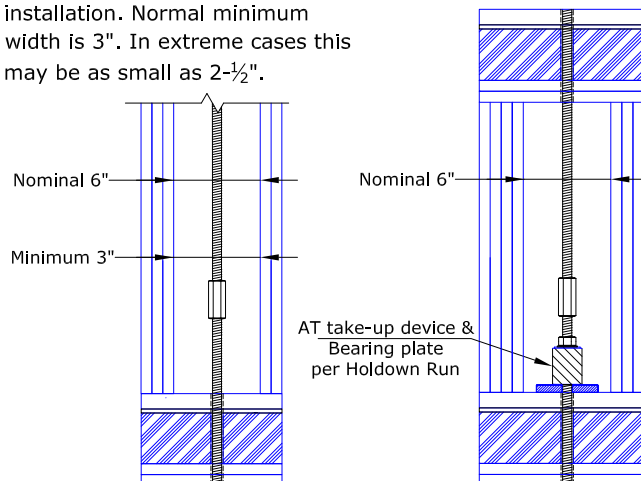
Several variables determine the installation clearance of bearing plates. Variables include, plate size, compression post number and size, and bay width. A bay width of 6" between posts is normally specified. This may be adjusted as required subject to the following limits.

No Reaction Point: Runs in the first floor and skipped floors do not have reaction points. In these cases the width between posts may be as narrow as needed, subject to rod and coupler installation. Normal minimum width is 3". In extreme cases this may be as small as 2-1/2".

Reaction Point: Typical
Most reaction points have room to install bearing plates.

Reaction Point: Limited Bearing
Sometimes the bearing plate is too long or too much compression wood is required. In that case the compression wood may be cut short or notched to fit the needed plate.

Reaction Point: Header
Normally the run may be terminated at a header without bearing limits as shown below.



Note: Notched posts require precise cutting.