

AutoTight[®]

The Continuous Rod Holdown System



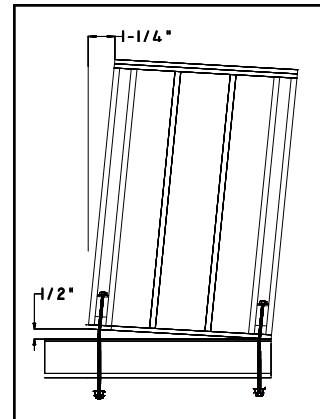
◆ The AT Auto Take-Up Solves the Loose Shear Wall Problem

The Shrinkage Problem: Wood dries and shrinks. This shrinkage results in loose, non-performing connections. On average wood floor shrinkage is 1/2" per floor. (The range is 1/4" to 3/4") During an earthquake or extreme windstorm, the shear wall will lift before loads can be transferred into the structure. Substantial building damage will result before the wall begins to be laterally loaded. This movement can result in a reduction in lateral wall capacity of 50% or more!

The AT Auto Take-Up keeps the wall tight by automatically expanding as the wood shrinks. Shear wall connections are kept tight and performing. Depending on the model the AT can accommodate up to 2-1/2" of shrinkage or compression.

Code: ICC ES ER-5889, COLA RR-25480 **Material:** Alloy Steel

Finish: Yellow zinc chromate, moly di-sulfide dry lubricant.



Installation:

Set-Nut-Activate

1. Place the bearing plate over the rod.
2. Place the AT Auto Take-Up over the Rod and on the bearing plate.
3. Place a steel washer on the AT—No Lock Washers!
4. Install the nut on the threaded rod and tighten. The nut should be snug plus a half turn.
5. Activate. Remove and discard the activation screw.

Installation Complete!

The AT Auto Take-Up installs up to 10 times faster than the competition. Nothing installs faster.

Internal Mechanism Protected against sawdust and

New for 2006!

The AT 75-2-1/2 gives 2-1/2" of take-up in a single device!

US Patents 6,390,747 6,585,469. Other patents, foreign and domestic, pending

Model Number	ID Inches	OD Inches	Take-Up Maximum	Allowable Load (Lbs)	Ave. Ult. (Pounds)	Defl. @ Allowable	Fits Anchor Diameter
AT 75	3/4"	2"	1.1	16,450	50,533	0.024"	5/8" - 3/4"
AT 75-2.5	3/4"	2"	2.5	15,183	54,724	0.020"	5/8" - 3/4"
AT 100	1"	2-1/4"	1.1	25,300	78,067	0.032"	7/8" - 1"
AT 125	1-1/4"	2-3/4"	1.12	34,500	104,683	0.016"	1-1/8" - 1-1/4"

Notes: AT's may be stacked. Install per directions, keep clean and dry. Loads based on tests FS = 3.0

Commings Manufacturing Inc.

(360) 378-9484

www.commingsmfg.com