

ATS The Next Generation Anchor Tiedown System



The Anchor Tiedown System (ATS) Catalog

The Simpson Strong-Tie® *Anchor Tiedown System for Multi-Story Overturning Restraint* catalog (C-ATS) puts all the product and design information right at your fingertips, including technical information, multi-story rod system design concepts and schematics for runs up to five stories. Visit www.strongtie.com to download or request a copy or call (800) 999-5099.



The new Coupling Take-Up Device utilizes fewer parts, thereby streamlining installation and reducing labor costs

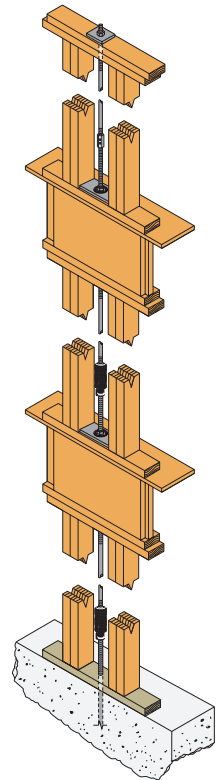
The ATS reduces installation time without sacrificing performance:

- Higher load capacities address more applications.
- The patent-pending Coupling Take-Up Device (CTUD) streamlines installation, eliminating up to 60–70% of labor costs when compared to other systems.
- Color-coded and stamped parts make it easy to match system components.

THE ATS SOLUTION

The Simpson Strong-Tie® Anchor Tie-down System (ATS) is designed to anchor stacked shearwalls in multi-story wood frame buildings while compensating for construction shrinkage and settling within the structure. The system resists overturning forces through bearing plates and Simpson Strong-Rod™ – connecting rods specifically designed for the ATS system. It is a high capacity restraint (*50,000 lbs. plus*) which exceeds bolted connections.

The Strong-Rods within the system are joined together by the new Coupling Take-Up Device (CTUD). The CTUD is a spring driven rod coupling device which contracts to compensate for rod movement caused by construction shrinkage and settling of the structure. This helps ensure that no gaps develop in the system that could compromise performance. The simplicity of the CTUD also greatly simplifies installation, reducing labor costs over alternative systems.



Simpson Strong-Tie® ATS Selector Software – Design Made Easier

The new ATS Selector software has been created with enhanced design versatility. The program allows engineers and architects to easily create a standard system design or customize the system to meet the specific needs of a project.

Easy to Use

The easy-to-use input screens make it simple to enter all the pertinent job details such as the project name and address as well as requirements such as number of stories (*up to 6*), applicable building code, and demand loads.

Customizable Solutions That Save Time

Based upon user inputs, the software recommends an ATS run to meet the requirements of your project. You can generate and save multiple runs and the program compiles a complete ATS materials list as well as a compression member lumber list.

Output the Way You Like It

Once results are saved, they can be sent electronically, exported into AutoCAD to generate drawings, and used to create a job summary which includes run configurations, calculations and an ATS material and lumber list.

Visit www.strongtie.com to download a free copy of the software or call 800-999-5099 to request a CD-ROM.

