

## THE NEW ATS



### WHAT YOU CAN EXPECT FROM THE NEW ANCHOR TIEDOWN SYSTEM

The Simpson Strong-Tie® Anchor Tiedown System (ATS) has emerged as an innovative solution for light frame multi-story construction. The continuous rod system extends from the foundation to the top of the structure and is restrained (tied off) at each level to provide the load capacity and overturning resistance that's necessary for multistory buildings—which is especially critical during earthquakes and high wind events.

Simpson launched its ATS product line in 2000. Since that time, the company has gathered feedback from engineers and installers to fine-tune the product design so that loads are higher, and installation is faster and easier.

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### INNOVATIVE TAKE-UP DEVICE

The stacking of multiple stories can create a significant amount of settling within the structure due to shrinkage and construction loading. The ATS's new Coupling Take-Up Device (CTUD) helps resolve this issue. The CTUD is an innovative spring-driven rod coupling device, which contracts to compensate for rod movement caused by settling of the structure.

### LOWER INSTALLED COSTS, SAVINGS FOR BUILDERS

The new Anchor Tiedown System provides several cost advantages. The new CTUD streamlines installation and cuts labor costs by one-third compared to the previous cage system. The system design also eliminates the need for installers to precisely cut the rod at each floor—now only one precision cut is needed at the top floor. By reducing the number of parts, there are fewer materials to track and distribute, and fewer products lost at the jobsite.



*Previous Anchor Tiedown System*



*New and Improved Anchor Tiedown System*

### FEWER PARTS, EASIER INSTALLATION

The ATS design has been simplified so there are fewer parts—64% less than the previous design, making the system easier and faster to install. The CTUD combines a coupler nut with a shrinkage take-up device, reducing the number of parts. In addition, the ATS parts are all color-coded and stamped, so it's simple to match system components.

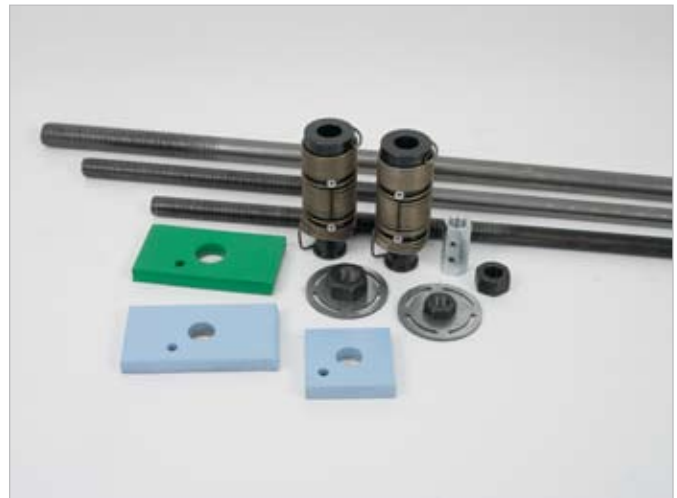
### NEW, IMPROVED SOFTWARE

The new ATS Selector software, available at [www.strongtie.com](http://www.strongtie.com), 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. It also includes CAD drawings, calculations, installation details and elevation drawings to help simplify specification.

#### Previous ATS: More Parts to Organize and Install



#### New and Improved ATS: Less Parts for a Simplified Installation



### HIGHER LOADS, MORE DESIGN FLEXIBILITY

All of these product enhancements have increased ATS's load capacity by as much as 10,000 lbs. With higher loads, the system has a wider range of applications, and designers and engineers have more flexibility in their building design.

### CODE-LISTED, RELIABLE PERFORMANCE

As with all new products, Simpson has gone through the proper testing procedures to meet code requirements. Our CTUD and TUD are code listed per the International Building Code (ICC-ES ESR-2320), City of Los Angeles Building Code (RR 25643).