



AutoTight Templates and Programs

AutoTight templates speed tie-down system design. Complete systems can be designed in 30 minutes. Our designs always begin with system strength. The designer then adjusts elongation to meet jurisdiction requirements. The demonstration package provides an overview of the software and the process.

Package

Description

Demonstration Sample Package
(pdf)

The **Demonstration Sample Package** showcases the products and process required for a vertical tie-down design and submittal
Output: 13 Page PDF.

AutoDesign
(Excel)
AutoDesign Quick Start

AutoDesign asks a number of questions including Code (7 Options), Estimated Shrinkage, allowable elongation, Rod only or system elongation, etc.

Once this information is entered the design is automatically completed. The program allows the designer to adjust elongation, shrinkage etc.

Output includes: a Load Justification Table (see sample pp. 10-11) and a hardware list.

Estimated Design Time: 15-45 minutes

AutoDesign Instructions instructions on using AutoDesign. A Power Point presentation saved as a PDF (6.7) MB.

Calculation Pack
(Excel)

AutoTight Calculation Package takes AutoDesign information and presents an easy to review and understand package. The calculations are made floor-by-floor and presented one page per run. Instructions are on worksheet tab "Instructions".

Output includes: Complete ready to review documentation.

Estimated Time: 20 minutes

[Sample in Demonstration Sample Package](#)

AT 10 Drawing Details
(AutoCAD)

AT 10 Drawing Details includes Rod, Bearing Plate and AT Auto Take-Up information, code information and common details. Select the version required per your building code, make simple changes for the project. Instructions are on layout tab "Instructions".

Output: Complete customized details.

Estimated Time: 15 minutes

[Sample in Demonstration Sample Package](#)

AT 11 Run Details
(AutoCAD)

AT 11 Run Details includes ready-to-modify drawing in a pick-and-place format. Runs from one to six stories are selected from a library. The drafter customizes the drawing with rod, bearing plates, Shrinkage Compensators couplers, nuts and washers specified by the AutoDesign output. Instructions are on layout tab "Instructions".

Output: Multistory drawings ready for review.

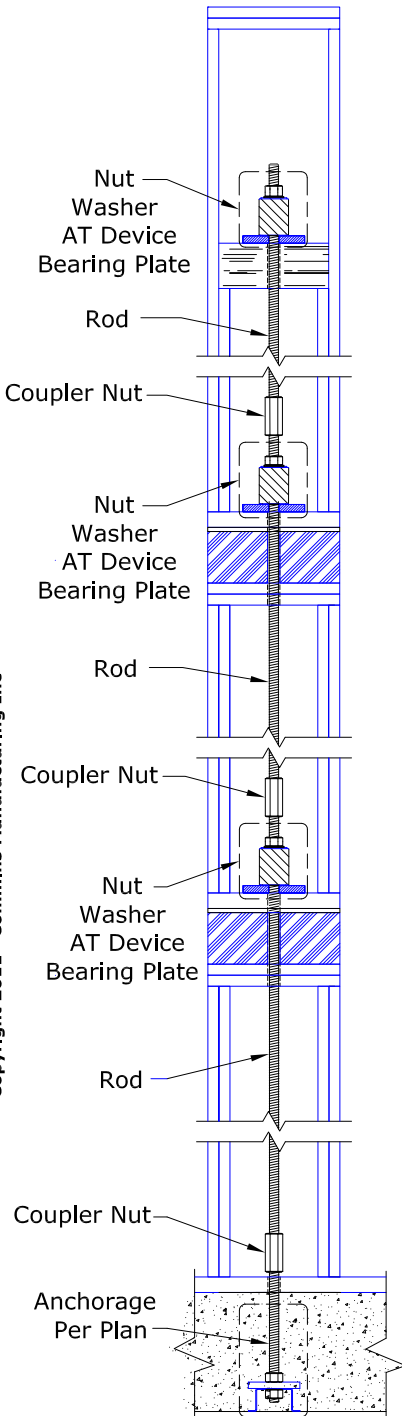
Estimated Time: 30 minutes per run.

[Sample in Demonstration Sample Package](#)

AT 12 Embedments
(AutoCAD)

AT 12 Embedments provides a ready to modify embedment template compatible with most tie downs. Instructions are on layout tab "Instructions".

[Sample in Demonstration Sample Package](#)



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PDF versions of these files are in the Demonstration Sample Package.