

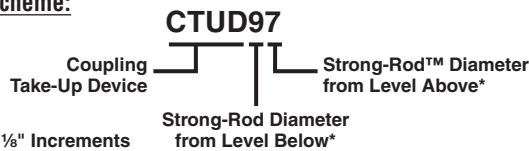
CTUD Coupling Take-Up Device

The CTUD is a combination coupler nut and take-up device. It compensates for the slack that develops in the system due to the shrinkage of wood members and settlement caused by dead load and construction loading. It will accommodate up to 1" of movement and is available in standard and reducing sizes for 5/8", 7/8" and 1 1/8" diameter Strong-Rod™ or threaded rod.

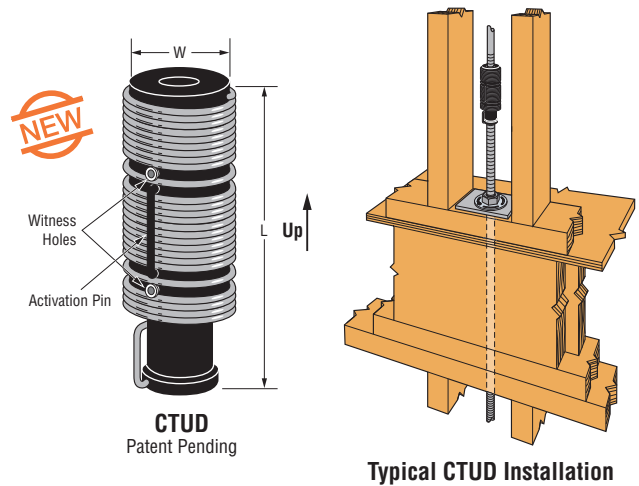
- Design of the CTUD eliminates parts and simplifies installation.
- Easy installation saves time, resulting in a lower installed cost.
- Witness Holes™ allow for easy inspection to verify proper thread engagement.
- The positive stop at each end ensures that the rod is threaded to the proper depth.

Installation:

- Thread the specified CTUD (*wider end up*) onto the embedded anchor (*in first floor applications*) or the Strong-Rod from the level below. Position so that the activation pin faces out for easy access.
- Thread the Strong-Rod from the level above into the CTUD. The CTUD is correctly installed when the anchor or threaded rod is visible through both witness holes.
- Secure Strong-Rod at the level above with specified bearing plate and Isolator Nut. Attach Isolator Nut to sill plate above with #8 x 3" screw (*included*). Continue system installation at each level until the run is complete.
- Remove activation pin after level above is secured with Isolator Nut and prior to covering. **IMPORTANT: DO NOT REMOVE THE ACTIVATION PIN UNTIL THE ISOLATOR NUT IS INSTALLED AT THE LEVEL ABOVE.**

Naming Scheme:

* Units in 1/8" Increments
(Ex: 9 = 9/8" or 1 1/8")



CTUD
Patent Pending

Typical CTUD Installation

Model No.	Threaded Rod Dia. (in)	W (in)	L (in)	Component Color Code
CTUD55	5/8 - 5/8	1 7/8	5	Blue
CTUD75	7/8 - 5/8	2	5 1/2	Green/ Blue
CTUD77	7/8 - 7/8	2	5 1/2	Green
CTUD97	1 1/8 - 7/8	2 1/2	6 1/8	Orange/Green
CTUD99	1 1/8 - 1 1/8	2 1/2	6 1/8	Orange

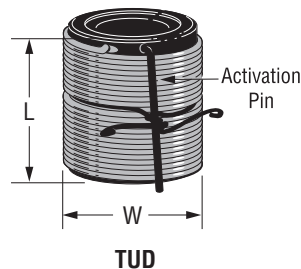
1. Thread specification for threaded rod must be UNC class 2A per ANSI/ASME B1.1.

TUD Take-Up Device

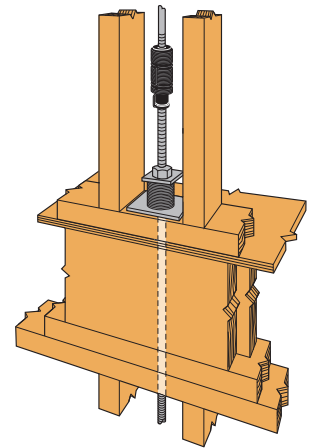
In some cases, the TUD and CTUD can be combined within a run to substitute a TUD for a CTUD. Call Simpson for details. The TUD is suitable for rod diameters up to 1 1/4".

Installation:

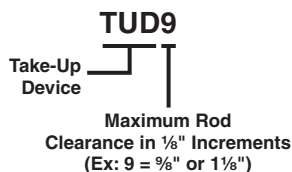
- Install the specified bearing plate over the Strong-Rod onto the bottom plate of the wall.
- Remove vertical plastic retaining strip and/or wires from TUD. **DO NOT REMOVE ACTIVATION PIN UNTIL NUT IS INSTALLED.**
- Install TUD with either end up over Strong-Rod and onto the bearing plate with the activation pin facing out.
- Install specified plate washer and then nut on top.
- Finger-tighten nut plus an additional 1/3 to 1/2 turn with a wrench.
- Remove tie wire and activation pin.



TUD



Typical TUD Installation

Naming Scheme:

Model No.	Maximum Threaded Rod Dia. (in)	W (in)	L (in)
TUD9	1 1/8	2 1/8	2 1/4
TUD10	1 1/4	2 3/8	2 1/4