

CTUD Coupling Take-Up Device

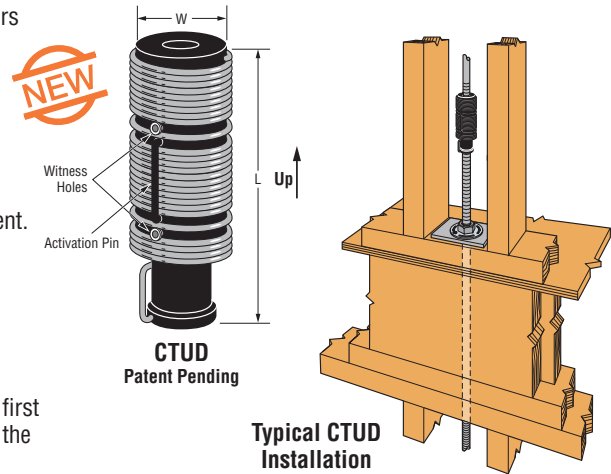
The CTUD is a combination coupler nut and take-up device. It compensates for the slack that develops in the system due to the shrinkage of wood members and settlement caused by dead load and construction loading. It will accommodate up to 1" of movement and is available in standard and reducing sizes 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.

Codes: ICC-ES ESR-2320; City of L.A. RR-25643

Installation:

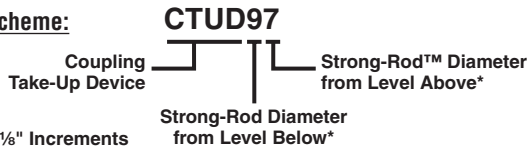
- Thread the specified CTUD (wider end up) onto the embedded anchor (in first floor applications) or the Strong-Rod from the level below. Position so that the activation pin faces out for easy access.
- Thread the Strong-Rod from the level above into the CTUD. The CTUD is correctly installed when the 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.**



Model No.	Threaded Rod Dia. (in)	W (in)	L (in)	Allowable Tension Capacity (lbs)	Component Color Code
CTUD55	5/8 - 5/8	1 7/8	5	15,520	Blue
CTUD75	7/8 - 5/8	2	5 1/2	31,795	Green/ Blue
CTUD77	7/8 - 7/8	2	5 1/2	31,795	Green
CTUD97	1 1/8 - 7/8	2 1/2	6 1/8	55,955	Orange/Green
CTUD99	1 1/8 - 1 1/8	2 1/2	6 1/8	55,955	Orange

1. Allowable tension capacities are for CTUD only.
2. No further steel stress increase allowed.
3. Thread specification for threaded rod must be UNC class 2A per ANSI/ASME B1.1.

Naming Scheme:



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

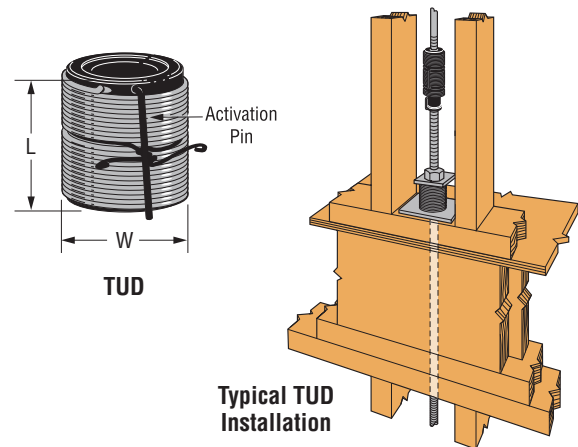
TUD Take-Up Device

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".

Codes: ICC-ES ESR-2320; City of L.A. RR-25643

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.



Model No.	Maximum Threaded Rod Dia. (in)	W (in)	L (in)	Allowable Compression Capacity (lbs.)
TUD9	1 1/8	2 1/8	2 1/4	34,655
TUD10	1 1/4	2 3/8	2 1/4	45,400

1. Allowable capacities are for the TUD only.
2. No further steel stress increase is allowed.

Naming Scheme:

