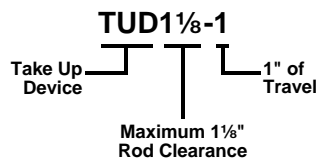


TUD1 1/8-1 TAKE UP DEVICE

The TUD1 1/8-1, when used on holdowns for wood frame buildings, will compensate for wood shrinkage and settlement due to dead load.

- Over 100,000 pounds of ultimate capacity based on test results.
- 1" of movement to accommodate wood shrinkage and compression due to dead load.
- Works for rod diameters up to 1 1/8".

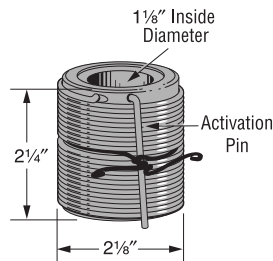
Naming Scheme:



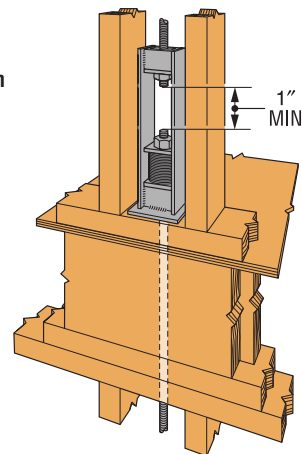
TUD1 1/8 - 1 INSTALLATION

- Install DW9 plate washer, provided with the TUD 1 1/8-1 kit, over All Thread Rod onto seat of the specified ATS-2 series cage.
- Undo vertical plastic retaining strip and/or wires from TUD1 1/8-1.
- **DO NOT REMOVE ACTIVATION PIN UNTIL NUT IS INSTALLED.**
- Place TUD1 1/8-1 with either end up over All Thread Rod and onto plate washer with the activation pin facing out.
- Install specified plate washer and then nut on top.
- Finger-tighten nut plus an additional 1/8 to 1/2 turn with a wrench.
- Remove tie wire and activate pin.

It is recommended that all Take-Up Devices at the lowest level be activated prior to continuing onto the next level.



TUD1 1/8-1
(Packaged with plate washer)

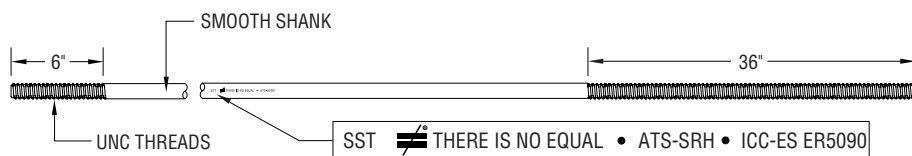


Clearance is necessary between rods to allow for TUD travel.

TUD1 1/8-1 KIT

Model No.	Plate Washer	Cages
TDS-TUD1DKT	ATS-DW9	ATS-2BH, ATS-2CH, ATS-2DH, ATS-2EH

SIMPSON STRONG-ROD



Strong Rod No.	Diameter (in)	Allowable Tensile Capacity (lbs)	
		(100) ⁽⁵⁾	(133)
ATS-SR4	1/2	3,790	5,060
ATS-SR5	5/8	5,930	7,900
ATS-SR6	3/4	8,540	11,380
ATS-SR7	7/8	11,620	15,500
ATS-SR8	1	15,180	20,240
ATS-SR9	1 1/8	19,210	25,620
ATS-SR4H	1/2	7,850	10,400
ATS-SR5H	5/8	12,270	16,360
ATS-SR6H	3/4	17,670	23,560
ATS-SR7H	7/8	24,050	32,070
ATS-SR8H	1	31,410	41,880
ATS-SR9H	1 1/8	39,760	53,010

1. Simpson Strong Rod is based on ASTM A36 with Fu = 58000psi.
2. High Strength Simpson Strong Rod is based on ASTM A108-C1045 with Fu = 120000psi.
3. ATS-SR# (ATS-SR#H for high strength rods) where # is the rod diameter in eights of an inch.
4. Other threaded rod sizes and grades available, contact factory.
5. The values represent capacities which do not include a 1/3 stress increase on the steel calculations. (Refer to note 10, page 4)