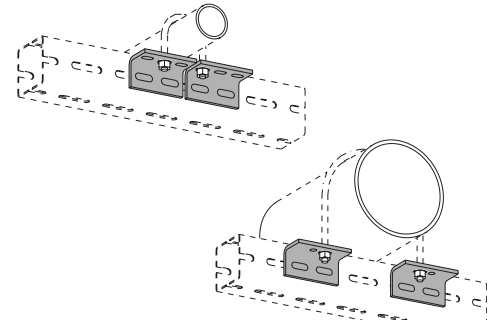


Part # 14NSF-PS13, -PS14, -PS23, -PS24

The Allfasteners NexSpan2™ Pipe Retainment Brackets are used in conjunction with U-bolts and T-bolts to secure pipes to NexSpan2™ F Series tubes, where the load of the pipe rests fully on the tube.

Nominal pipe sizes of 1/2"-2-1/2" can be retained using either one or two 14NSF-PS13 or 14 brackets. Dependent on the alignment of bracket and tube slots, using two brackets may provide additional mounting flexibility. 3"-8" nominal pipe sizes require retainment using two 14NSF-PS23 or 24 brackets.



Pipe Retainment Bracket Installation Instructions



1. Begin by determining positioning of the Pipe Retainment Bracket along the length of the NexSpan2™ tube, below the installed pipes by lining up two of the U-bolt slots with the sides of the pipe. As the pipe supports have multiple U-Bolt clearance holes, choose the holes that also allow for alignment of the T-bolt to tube holes. *Note, since the brackets are non-load-bearing, the weight of the pipe should rest on the tube, and not on the bracket.
2. Insert T-bolt heads into the slots to connect the brackets to the tube. If there are fit-up issues with slot alignment, follow instructions on the next page.
3. Finger tighten the T-bolts, but do not torque yet. To reference full T-bolt Installation Instructions, see QR code on next page. Each bracket must be mounted with two T-Bolts; one T-bolt in each slot (T-Bolts are shipped assembled).



4. Place the U-bolt around the pipe and insert U-bolt legs into the slots on the top of the bracket until they protrude just below the top of the bracket. You may need to loosen and shift the bracket left or right slightly such that the U-bolt can be inserted.
5. Where a U-bolt leg is in close proximity to a T-bolt, it is necessary to follow proper sequencing so that both fasteners can be tightened without interference. Place the U-bolt's flat washer, lock washer, and heavy hex nut against the bottom surface of the bracket, and thread these onto the U-bolt as it is being inserted just until the nut is fully engaged (do this on both sides of the U-bolt).
6. Confirm final alignment, then torque the T-bolts. Finally, continue threading the nuts onto the U-bolt as it is fully inserted and then fully tighten both sides of the U-bolt.

Pipe Retainment Bracket Fit Up Solution

The slots in the Pipe Retainment Brackets are shorter than the slots in the NexSpan2™ tube members, which allows the brackets to take up less space along the tube. To mitigate fit-up issues involving slot alignment, try the following steps:

- For pipe sizes less than 3", the installer may use either one or two brackets. Fit-up will dictate whether one or two brackets are required.
- Insert the T-bolt heads into the slots to connect the brackets to the tube. Shift the bracket from side to side as needed to insert a T-Bolt into an open slot on the bracket. To engage the second T-Bolt, the bracket may need to be moved along the tube until there is clearance to insert the T-bolt. Once the second T-Bolt is inserted, move bracket back to the original position. Alternatively, you may need to angle the T-Bolt into the slot, and/or pull the bracket away from the tube about 1/2" to facilitate insertion of the T-bolt.



Where two brackets are being used, if slot alignment prevents installation of all four T-bolts, contact AF for an alternative solution.

F Series & T-Bolt Installation

Scan the QR Code below to access installation instructions & torque information for the T-Bolt, as well as the entire F Series modular framing system.

