BEAM CLAMP MODELS
300 & 310, TK300M & TK310M

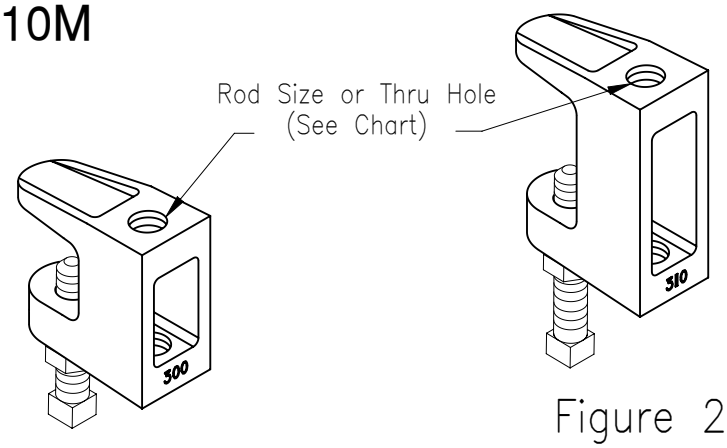
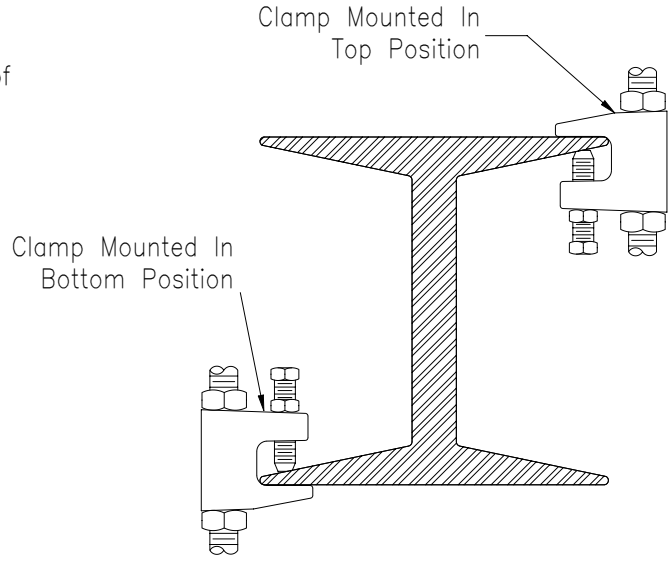


Figure 1

Figure 2

Allows structural attachment to top or bottom of metal beams, purlins, channel or angle iron to support hanger rod.

Location of threaded rod insertion permits easy attachment to other fixtures.



See Reverse For Application Detail

WARNING:
1. nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at www.nVent.com and from your nVent customer service representative.
2. nVent products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.
5. Products that are manufactured using spring steel components shall be used only in a non-corrosive indoor environment.
6. All pipe supports, hangers, intermediate components and structural attachments must ONLY be used as described herein and are NEVER to be used for any other purpose.

NOTE: All load ratings are for static conditions and do not account for dynamic loading such as wind, water or seismic loads, unless otherwise noted.

The customer is responsible for:
a. Conformance to all governing codes.
b. The integrity of structures to which the products are attached, including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.
c. Using appropriate industry standard hardware as noted above.

SAFETY INSTRUCTIONS:
All governing codes and regulations and those required by the job site must be observed.
Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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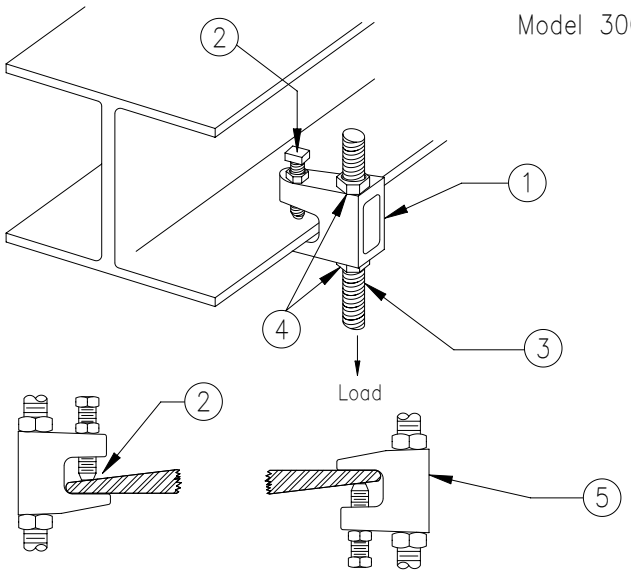
Part Number	Model	Figure	Description	Max. Pipe Dia. Supported By Clamp & Threaded Rod	Rod Size	Thru Hole	Set Screw Torque	Maximum Recommended Load	
								Top	Bottom
3000037XX	300	1	Reversible Beam Clamp to secure threaded rod to structure	4"	3/8"		60in-lbs	500lbs	250lbs
3000050XX	300	1		8"	1/2"		90in-lbs	950lbs	760lbs
3000062XX	300	1		8"	5/8"		90in-lbs	950lbs	760lbs
3000075XX	300	1		8"	3/4"		90in-lbs	950lbs	760lbs
3000087XX	300	1		8"	7/8"		90in-lbs	950lbs	760lbs
3100037XX	310	2	Reversible "Big Mouth" Beam Clamp to secure threaded rod to structure	4"	3/8"		60in-lbs	500lbs	250lbs
3100050XX	310	2		8"	1/2"		125in-lbs	950lbs	760lbs
389501	TK300M	1	Reversible Beam Clamp to secure threaded rod to structure	4"		9mm	6N*m	1200N	1200N
389511	TK300M	1		4"		11mm	7N*m	2500N	2500N
389521	TK300M	1		8"		13mm	14N*m	3500N	3500N
389531	TK300M	1		8"		17mm	7N*m	5500N	5500N
389891	BTK310M	2	Reversible "Big Mouth" Beam Clamp to secure threaded rod to structure	4"		11mm	7N*m	2500N	2500N
388891	BTK310M	2		8"		13mm	14N*m	3500N	3500N



Model 300 & TK300M (Figure 1)

1. Position Clamp on beam.

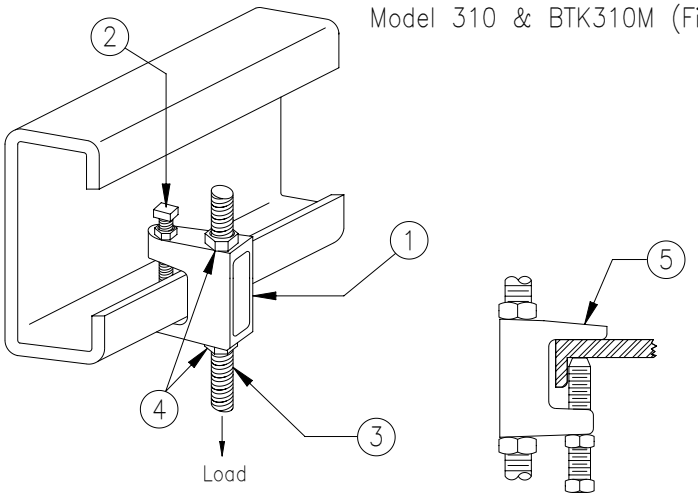
2. Tighten screw. Set screw must be tightened to sloped side of I–beam, channel, or angle iron flange and torqued to the value specified in the chart above. Locknut required to resist vibration.

3. Insert rod into threaded hole or thru hole, adjust to desired height.

4. Lock in place with jam nut.

5. Clamp may be secured in reverse position as shown.

Note: Threaded rod and two hex nuts are not included.



Model 310 & BTK310M (Figure 2)

1. Position Clamp on beam.

2. Tighten screw. Set screw must be tightened to sloped side of I–beam, channel, or angle iron flange and torqued to the value specified in the chart above. Locknut required to resist vibration.

3. Insert rod into threaded hole or thru hole, adjust to desired height.

4. Lock in place with jam nut.

5. Clamp may be secured in reverse position as shown.

Note: Threaded rod and two hex nuts are not included.