

B

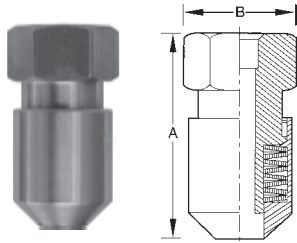


Clamps Three Segment Clamps - 13MHHM-3P

Tube O.D.	Service Pressure Rating @ 70°F *	Service Pressure Rating @ 250°F *	Dimension A	Part Number
1" - 1½"	600	300	2.122	13MHHM-3P100150
2"	550	275	2.654	13MHHM-3P200
2½"	450	225	3.185	13MHHM-3P250
3"	350	175	3.717	13MHHM-3P300
4"	300	150	4.820	13MHHM-3P400
12"	75	50	12.740	13MHHM-3P1200

* Wing nut tightened to 25 in. lb. of torque

Spring Loaded Nut

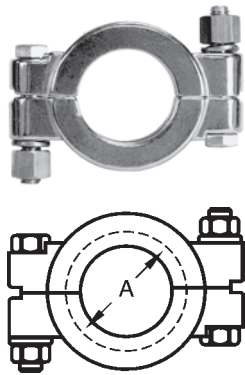


Torque to 50in.-lbs.

- Lines using PTFE gaskets that are subject to large temperature swings can benefit from this special product. As the PTFE is compressed through the cycling of the lines, the spring load will help keep the connection from leaking.
- If the lines suffer from vibration and bolted clamps are not an option, refitting single pin clamps with this nut will keep the connections from leaking for a longer time than the standard wing nuts.
- If you transport material in tanks via truck, the vibrations can loosen the standard single pin clamps. Spring loaded nuts can add a level of insurance to the shipment.

Dimensions		Thread	Part Number
A	B		
1.73	.875	5/16 - 18	13SLN

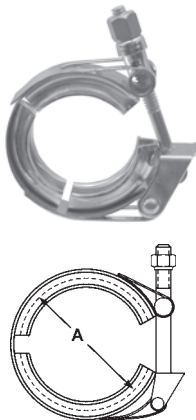
Bolted Clamps - 13MHP



Tube O.D.	Service Pressure Rating @ 70°F *	Service Pressure Rating @ 250°F *	Dimension A	Part Number
½" - ¾"	1500	1200	1.062	13MHP75
1" - 1½"	1500	1200	2.046	13MHP100-150
2"	1000	800	2.578	13MHP200
2½"	1000	800	3.110	13MHP250
3"	1000	800	3.640	13MHP300
4"	800	600	4.744	13MHP400
6"	300	200	6.632	13MHP600
8"	250	150	8.638	13MHP800
10"	200	125	10.740	13MHP1000
12"	150	100	12.740	13MHP1200

* Bronze nuts tightened to 20 ft. lb. of torque

T-bolt Clamps - 13MO



Tube O.D.	Service Pressure Rating @ 70°F	Service Pressure Rating @ 250°F	Dimension A	Part Number
1" - 1½"	500	250	2.080	13MO100-150
2"	350	200	2.610	13MO200
2½"	300	150	3.140	13MO250
3"	200	100	3.670	13MO300
4"	100	75	4.780	13MO400
6"	75	50	6.690	13MO600
* 8"	50	40	8.690	13MO800
* 10"	40	30	10.690	13MO1000
* 12"	30	25	12.690	13MO1200

* 2 bolt configuration

1" - 3" nuts tightened to 20 in. lb., 4" to 30 in. lbs., 6" to 40 in. lbs. and 8" - 10" 50 in. lbs. of torque.