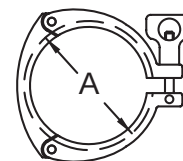


Clamps

Three Segment Clamps - 13MHHM-3P

Tube OD	Service Pressure Rating @ 70°F *	Service Pressure Rating @ 250°F *	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

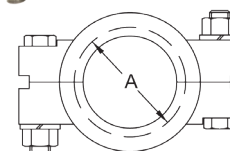


Bolted Clamps - 13MHP

Tube OD	Service Pressure Rating @ 70°F *	Service Pressure Rating @ 250°F *	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

** nuts are brass



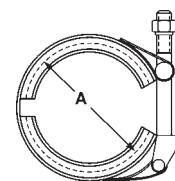
T-bolt Clamps - 13MO

• nuts are brass

Tube OD	Service Pressure Rating @ 70°F *	Service Pressure Rating @ 250°F *	A	304 Stainless Steel 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. lb., 6" to 40 in. lb. and 8" - 12" 50 in. lb. of torque.



Toggle Clamps - 13MHLA

Tube OD	Service Pressure Rating @ 70°F *	Service Pressure Rating @ 250°F *	A	304 Stainless Steel Part Number
1" - 1½"	150	125	2.122	13MHLA100-150
2"	150	125	2.654	13MHLA200
2½"	150	125	3.185	13MHLA250
3"	150	125	3.717	13MHLA300
4"	100	75	4.820	13MHLA400

* screw tightened to maximum

