


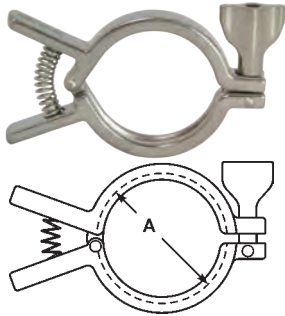
Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

## Clamps

Service pressure ratings are based on the following parameters: matching elastomer gaskets and weld ferrules properly aligned and assembled with the clamps tightened to the required torque (**25 in. lbs.**). Tests are done hydrostatically with no water hammer or shock loads. Please note the pressure ratings of the described unions are above the recommended pipe line operating pressures. 



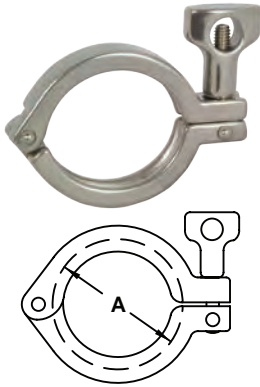
"A Tale of Two Clamps" YouTube Link  
<http://www.youtube.be/LEwAjHaW5II>



### Single Pin Squeeze Clamps - 13MHHM-Q

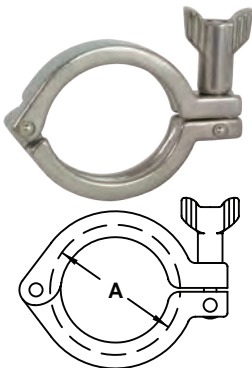
Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM-Q75	\$30.25
1" - 1 1/2"	500	300	2.122"	13MHHM-Q100150	37.20
2"	450	250	2.654"	13MHHM-Q200	43.55
2 1/2"	400	200	3.185"	13MHHM-Q250	56.20
3"	350	175	3.717"	13MHHM-Q300	58.95
4"	300	150	4.820"	13MHHM-Q400	68.45

### Single Pin Heavy Duty Clamps - 13MHHM with cross hole wing nut



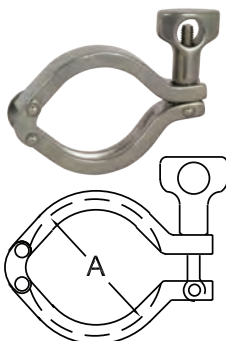
Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM50-75	\$8.70
1" - 1 1/2"	500	300	2.122"	13MHHM100-150	15.55
2"	450	250	2.654"	13MHHM200	16.80
2 1/2"	400	200	3.185"	13MHHM250	19.20
3"	350	175	3.717"	13MHHM300	21.00
4"	300	150	4.820"	13MHHM400	26.45
5"	225	100	5.820"	13MHHM500	75.20
6"	150	75	6.695"	13MHHM600	56.55
8"	100	50	8.695"	13MHHM800	81.20

### Single Pin Heavy Duty Clamps - 13MHHM\*\*\*SN with serrated wing nut



Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	Stainless Steel	
				Part #	Price/E
1/2" - 3/4"	1500	1200	1.062"	13MHHM50-75SN	\$8.70
1" - 1 1/2"	500	300	2.122"	13MHHM100-150SN	15.55
2"	450	250	2.654"	13MHHM200SN	16.80
2 1/2"	400	200	3.185"	13MHHM250SN	19.20
3"	350	175	3.717"	13MHHM300SN	21.00
4"	300	150	4.820"	13MHHM400SN	26.45
5"	225	100	5.820"	13MHHM500SN	75.20
6"	150	75	6.695"	13MHHM600SN	56.55
8"	100	50	8.695"	13MHHM800SN	81.20

### Double Pin Heavy Duty Clamps - 13MHHM-DP



Tube OD	Service Pressure Rating @ 70°F <sup>1</sup>	Service Pressure Rating @ 250°F <sup>1</sup>	Dimension A	Stainless Steel	
				Part #	Price/E
1" - 1 1/2"	500	300	2.122"	13MHHM-DP100150	\$19.35
2"	450	250	2.654"	13MHHM-DP200	22.00
2 1/2"	400	200	3.185"	13MHHM-DP250	25.45
3"	350	175	3.717"	13MHHM-DP300	28.65
4"	300	150	4.820"	13MHHM-DP400	34.95
10"	100	50	10.740"	13MHHM-DP1000	262.80

<sup>1</sup> wing nut tightened to 25 in. lb. of torque