



Stainless Steel Clamp Hygienic Unions

Introduction



Clamp Unions are a very popular type of hygienic fitting.

They have a smooth, non-contaminating internal pipework joint.

The Union consists of two ferrules which are compressed together using a clamp and a seal between the two ferrules which provides a tight seal.

Tri-clamp unions and seals are manufactured to BS 4825 part 3 and are easy to remove by hand using the single hinge clamp wing nut.

The Seals are held in stock in EPDM, FKM, FPM, Solid PTFE and PTFE Envelope.

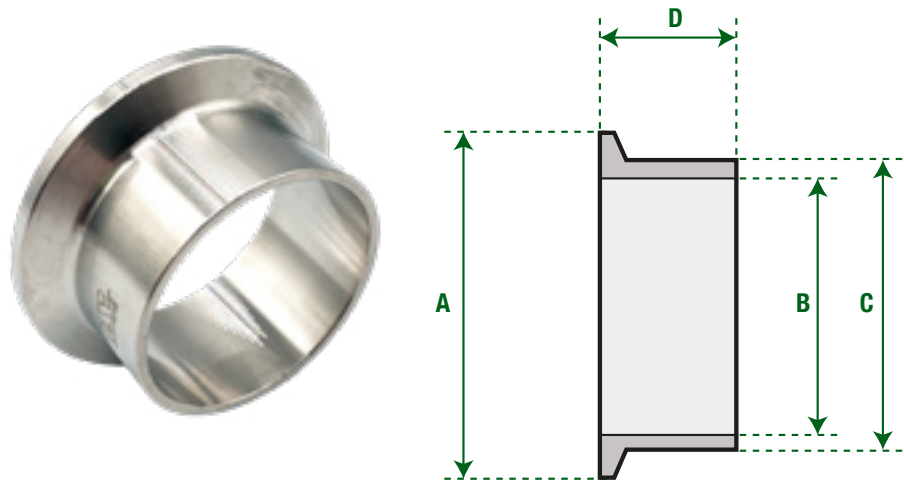
The Clamp is usually made from 304 Stainless Steel (316 available) and the Ferrules are F316L Stainless Steel.

The pressure rating is determined by the Clamp itself rather than the Ferrules.

The standard size range is 1/2" - 4" to suit Imperial Hygienic Tube. sizes 5" - 12" are available on special order as are Metric DIN, ISO and SMS standards.

CW-01

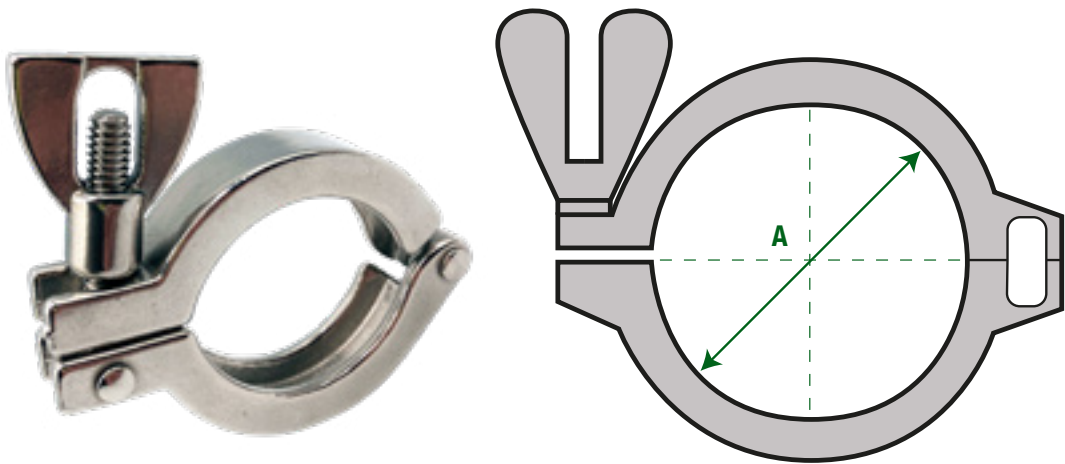
Clamp Ferrule



Tube OD	A	B	C	D
1/2"	25.4	9.5	12.9	21.5
3/4"	25.4	15.85	19.3	21.5
1"	50.5	22.2	25.65	21.5
1-1/2"	50.5	34.9	38.65	21.5
2"	64	47.6	51.05	21.5
2-1/2"	77.5	60.3	63.75	21.5
3"	91	73	76.45	21.5
4"	119	97.6	101.85	21.5 28 44.5
5"	155	125	129	28
6"	167	150	154	28
8"	217	200	204	28
10"	268	250	254	28
12"	318	300	304	28

CW-02

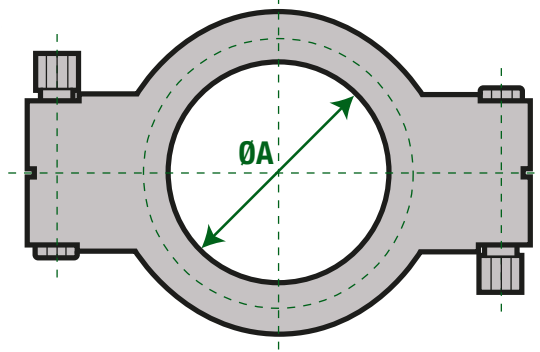
Single-Hinge Clamp



Tube OD	DIM A
1/2"	25
3/4"	25
1"	50
1-1/2"	50
2"	64
2-1/2"	77.5
3"	91
4"	119
5"	155
6"	167
8"	217
10"	268
12"	318

CW-03

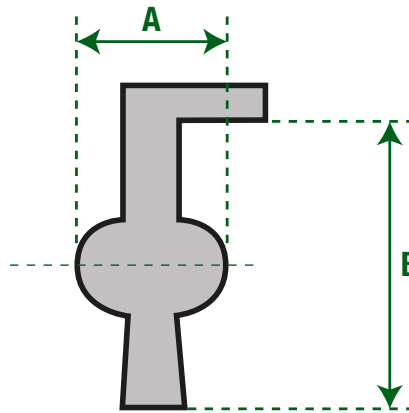
High Pressure Clamp



Size	A	B	C
1/2" - 3/4"	25	28	53.6
1" - 1-1/2"	50	52	95.7
2"	64	65.5	109.5
2-1/2"	77.5	79	124.3
3"	91	92.5	135.4
4"	119	120.5	163.4

CW-04

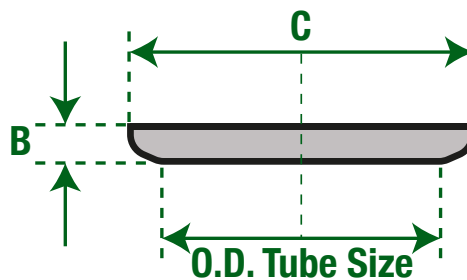
Clamp Gasket



Tube OD	A	B
1/2"	5.55	25
3/4"	5.55	25
1"	5.5	50
1-1/2"	5.5	50
2"	5.5	64
2-1/2"	5.5	77.5
3"	5.5	91
4"	5.5	119
5"	5.5	155
6"	5.5	167
6-5/8"	5.5	163
8"	5.5	217
8-5/8"	5.5	214
10"	5.5	268
12"	5.5	318

CW-05

Clamp Blank



SIZE	DIM B	DIM C
1/2"	6.25	25
3/4"	6.25	25
1"	6.25	50
1-1/2"	6.25	50
2"	6.25	64
2-1/2"	6.25	77.5
3"	6.25	91
4"	8	119