

HYGIENIC STAINLESS STEEL CLAMP FITTINGS

Memtech



Memtech's clamp range provides a smooth and non-contaminating internal pipework joint for hygienic product manufacture. Our clamps are fully interchangeable enabling other components to be fitted quickly and easily. No tools are required for assembly or removal.

Options

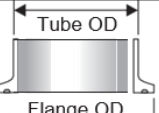
- > Electropolish finish
- > Internal finish of 0.4 and 0.25 micron RA
- > Clamp available in 316 stainless steel
- > Clamp Ferrules available for non-standard tube
- > Ferrules available in a variety of polymers and exotic materials including Hastelloy-C22
- > Range of seal materials available.

Features

- > Designed in accordance with BS4825: Part 3 (1991), DIN32 676, ISO 2852 (1993), 3A Sanitary Standards
- > Materials traceability to BS EN 10204 3.1.B
- > External finish of ferrule 1.0 micron RA as standard
- > Internal finish of ferrule 0.8 micron RA as standard
- > Wetted parts in 316L stainless steel

HYGIENIC STAINLESS STEEL CLAMP FITTINGS

Memtech

			
FERRULE Welding		316L	
Length (mm)	Tube OD (inches)	Flange OD (cm)	Material Code
12.7	1/2	25.3	316L 601-512
	3/4	25.3	316L 601-519
	1	50.5	316L 601-525
	1 1/2	50.5	316L 601-538
	2	64	316L 601-551
21.5	1/2	25.3	316L 602-512
	3/4	25.3	316L 602-519
	1	50.5	316L 602-525
	1 1/2	50.5	316L 602-538
	2	64	316L 602-551
	2 1/2	77.5	316L 602-563
	3	91	316L 602-576
	4	119	316L 602-599
	5	144	316L 602-5129
	6	167	316L 602-5154
28.6	1/2	25.3	C-22 603-H12
	3/4	25.3	C-22 603-H19
	1	50.5	C-22 603-H25
	1 1/2	50.5	C-22 603-H38
	2	64	C-22 603-H51
28.6	1/2	25.3	316L 603-512
	3/4	25.3	316L 603-519
	1	50.5	316L 603-525
	1 1/2	50.5	316L 603-538
	2	64	316L 603-551
	2 1/2	77.5	316L 603-563
	3	91	316L 603-576
	4	119	316L 603-599
	5	144	316L 603-5129
	6	167	316L 603-5154
21.5	8	217	316L 603-5204
	10	268	316L 603-5254
	12	319	316L 603-5305
	1	50.5	316L 602-525-4
	1 1/2	50.5	316L 602-538-4
	2	64	316L 602-551-4

CLAMP		304
Light Duty Single Hinge		
Tube OD (inches)	Code	
1/2 - 3/4	617-412	
1 - 1 1/2	617-425	
2	617-451	
2 1/2	617-463	
3	617-476	
4	617-499	

CLAMP		316
Standard Heavy Duty		
Tube OD (inches)	Code	
1/2 - 3/4	618-612	
1 - 1 1/2	618-625	
2	618-651	
2.5	618-663	
3	618-676	
4	618-699	
5	618-6129	
6	618-6154	
8	618-6204	
10	618-6254	
12	618-6305	

			
BLANK machined		316L	
Tube OD (inches)	Flange OD (mm)	Material	Code
1/2 - 3/4	25.3	316L	620-512
1 - 1 1/2	50.5	316L	620-525
2	64.0	316L	620-551
2 1/2	77.5	316L	620-563
3	91.0	316L	620-576
4	119.0	316L	620-599
5	144.0	316L	620-5129
6	167.0	316L	620-5154
8	217.0	316L	620-5204
10	268.0	316L	620-5254
12	319.0	316L	620-5305
1/2 - 3/4	25.3	C-22	620-H12
1 - 1 1/2	50.5	C-22	620-H25
2	64.0	C-22	620-H51
2 1/2	77.5	C-22	620-H63
3	91.0	C-22	620-H76
4	119.0	C-22	620-H99

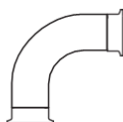
CLAMP		316
High Pressure		
Tube OD (inches)	Code	
1 - 1 1/2	619-625	
2	619-651	
2.5	619-663	
3	619-676	
4	619-699	

HYGIENIC STAINLESS STEEL CLAMP FITTINGS

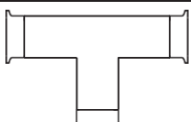
Memtech



45 DEGREE BEND	
Tube OD (Inches)	316L Code
0.5	627-512
0.75	627-519
1	627-525
1.5	627-538
2	627-551
2.5	627-563
3	627-576
4	627-599



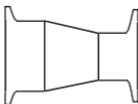
90 DEGREE BEND	
Tube OD (Inches)	316L Code
0.5	631-512
0.75	631-519
1	631-525
1.5	631-538
2	631-551
2.5	631-563
3	631-576
4	631-599



EQUAL TEES	
Tube OD (Inches)	316L Code
0.5	637-512
0.75	637-519
1	637-525
1.5	637-538
2	637-551
2.5	637-563
3	637-576
4	637-599



HOSELINER	
Tube OD (Inches)	316L Code
0.5	625-512
0.75	625-519
1	625-525
1.5	625-538
2	625-551
2.5	625-563
3	625-576
4	625-599



REDUCERS	
Concentric Tube OD (Inches)	316L Code
1 - 1/2	643-525-12
1 - 3/4	643-525-19
1 1/2 - 1/2	643-538-12
1 1/2 - 1	643-538-25
2 - 1	643-551-25
2 - 1 1/2	643-551-38
2 1/2 - 1	643-563-25
2 1/2 - 1 1/2	643-563-38
2 1/2 - 2	643-563-51
3 - 1 1/2	643-576-38
3 - 2	643-576-51
3 - 2 1/2	643-576-63
4 - 3	643-599-76



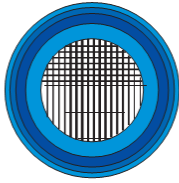
SEALS plain			
Tube OD (Inches)	PTFE solid Code	PTFE/EPDM Code	PTFE/Viton Code
1/2	622-712	622-712-E	622-712-V
3/4	622-719	622-719-E	622-719-V
1	622-725	622-725-E	622-725-V
1 1/2	622-738	622-738-E	622-738-V
2	622-751	622-751-E	622-751-V
2 1/2	622-763	622-763-E	622-763-V
3	622-776	622-776-E	622-776-V
4	622-799	622-799-E	622-799-V
5	622-7129	622-7129-E	622-7129-V
6	622-7154	622-7154-E	622-7154-V
8	622-7204	622-7204-E	622-7204-V
10	622-7254	622-7254-E	622-7254-V
12	622-7305	622-7305-E	622-7305-V



SEALS flanged				
Tube OD (Inches)	EPDM Code	Viton Code	Silicone Code	Nitrile Code
1/2	622-812	622-312	622-212	622-112
3/4	622-819	622-319	622-219	622-119
1	622-825	622-325	622-225	622-125
1 1/2	622-838	622-338	622-238	622-138
2	622-851	622-351	622-251	622-151
2 1/2	622-863	622-363	622-263	622-163
3	622-876	622-376	622-276	622-176
4	622-899	622-399	622-299	622-199
5	622-8129	622-3129	622-2129	622-1129
6	622-8154	622-3154	622-2154	622-1154
8	622-8204	622-3204	622-2204	622-1204

HYGIENIC STAINLESS STEEL CLAMP FITTINGS

Memtech



MESH GASKETS EPDM

Tube OD (Inches)	Mesh 16	Mesh 20	Mesh 30	Mesh 100
1	623-825-016	623-825-020	623-825-030	623-825-100
1 1/2	623-838-016	623-838-020	623-838-030	623-838-100
2	623-851-016	623-851-020	623-851-030	623-851-100
2 1/2	623-863-016	623-863-020	623-863-030	623-863-100
3	623-876-016	623-876-020	623-876-030	623-876-100
4	623-899-016	623-899-020	623-899-030	623-899-100

CLAMP SPECIFICATION

Maximum working pressure (BAR) at ambient temperature with EPDM Seal

Size Range	1/2" - 3/4"	1" - 1 1/2"	2"	2 1/2"	3"	4"	6"
Standard <u>Havy</u> Duty Clamp	30	30	30	30	25	25	10
High Pressure <u>Calmp</u>	N/A	100	65	65	65	65	N/A
Light Duty Single Hinge Clamp	10	10	10	10	10	10	N/A

N/A = Not available

SEAL PROPERTIES

E=Excellent VG=Very Good G=Good R=Reasonable N=Not Recommended

	Natural Rubber	Nitrile	EPDM	Neoprene	Silicone	Viton	PTFE
Lubrication Oils	N	N	N	G	G	E	E
Fuel Oils	N	N	N	G	R	E	E
Hydraulic Oils	N	N	R	G	G	E	E
Vegetable Oils	N	R	R	G	G	E	E
Kerosene	N	R	N	R	R	E	E
Aromatic hydrocarbon	N	N	N	N	N	E	E
Aliphatic hydrocarbon	N	N	N	VG	R	E	E
Water under 80 Deg C	G	VG	E	R	E	E	E
Water over 80 Deg C	N	R	E	N	E	G	E
Alcohols	G	G	E	E	E	E	E
Ketones	N	N	G	N	G	N	E
Concentrated <u>Acides</u>	N	N	R	N	R	VG	E
Diluted Acids	R	R	G	G	G	E	E
Alkalis	G	G	VG	G	G	G	E
Ozone & Sunlight	R	R	E	VG	E	E	E
Max Temp at continuous service	70 Deg C	130 Deg C	150 Deg C	105 Deg C	145 Deg C	150 Deg C	250 Deg C
Compression set	VG	VG	G	VG	E	G	cold flow



TRELLEBORG



BlueDiamond

023 8025 8966



tss.sou.sales@trelleborg.com