

# Memtech

## Hygienic Stainless Steel Clamp Fittings



### Options

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.

- ⦿ 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.

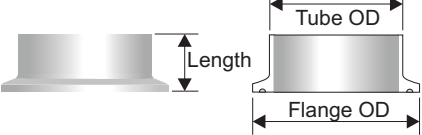
### Features

- ⦿ 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

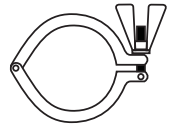
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## Product Information

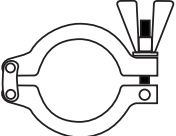
### Hygienic Stainless Steel Clamp Fittings




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
21.5	2	64	316L	601-551
	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
28.6	6	167	316L	602-5154
	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
28.6	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



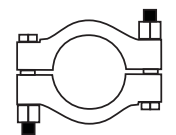
CLAMP		304
Light Duty Single Hinge		
Tube OD (inches)	Code	
1/2 - 3/4	617-412	
1 - 1 1/2	617-425	
2	617-451	
2 1/2	617-463	
3	617-476	
4	617-499	



CLAMP		304
Standard Heavy Duty		
Tube OD (inches)	Code	
1/2 - 3/4	618-412	
1 - 1 1/2	618-425	
2	618-451	
2.5	618-463	
3	618-476	
4	618-499	
5	618-4129	
6	618-4154	
8	618-4204	
10	618-4254	
12	618-4305	



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		304
High Pressure		
Tube OD (inches)	Code	
1 - 1 1/2	619-425	
2	619-451	
2.5	619-463	
3	619-476	
4	619-499	

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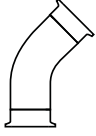
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## Product Information

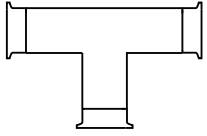
### Hygienic Stainless Steel Clamp Fittings




45 DEGREE BEND		316L
Tube OD (Inches)		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



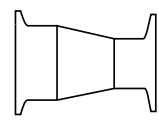
90 DEGREE BEND		316L
Tube OD (Inches)		Code
0.5		631-512
0.75		631-519
1		631-525
1.5		631-538
2		631-551
2.5		631-563
3		631-576
4		631-599



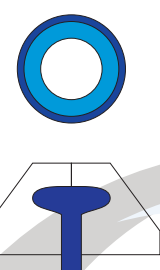
EQUAL TEES		316L
Tube OD (Inches)		Code
0.5		637-512
0.75		637-519
1		637-525
1.5		637-538
2		637-551
2.5		637-563
3		637-576
4		637-599



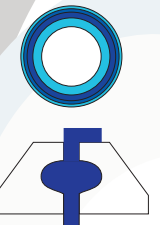
HOSELINER		316L
Tube OD (Inches)		Code
0.5		625-512
0.75		625-519
1		625-525
1.5		625-538
2		625-551
2.5		625-563
3		625-576
4		625-599



REDUCERS		316L
Concentric		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

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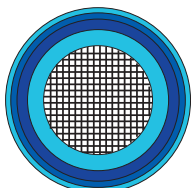
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### Hygienic Stainless Steel Clamp Fittings

	MESH GASKETS EPDM			
	Tube OD (Inches)	Mesh 16	Mesh 20	Mesh 30
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 Havy Duty Clamp	30	30	30	30	25	25	10
High Pressure Calmp	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 Acides	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

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