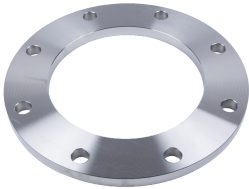


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YOUR SOURCE FOR PIPE FITTINGS & CUSTOM SOLUTIONS



FLANGES

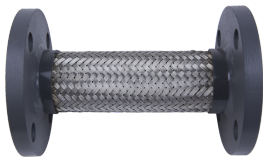
Meet wide variety of standards (ANSI, ASTM, AWWA, BS, DIN and JIS)

Broad range of types, sizes, materials (100% Domestic, Buy America & Imported) and accessories, like gaskets and flange adapters



FITTINGS & ACCESSORIES

Large inventory of grooved fittings (KLAMPz), threaded couplings, pipe nipples, elbows, pump motor brackets, rain caps and weld cones



PUMP CONNECTORS

Flanged and threaded pump connectors



VALVES

Variety of gear and lever operated butterfly valves, check valves and pressure relief valves, including accessories like valve extensions



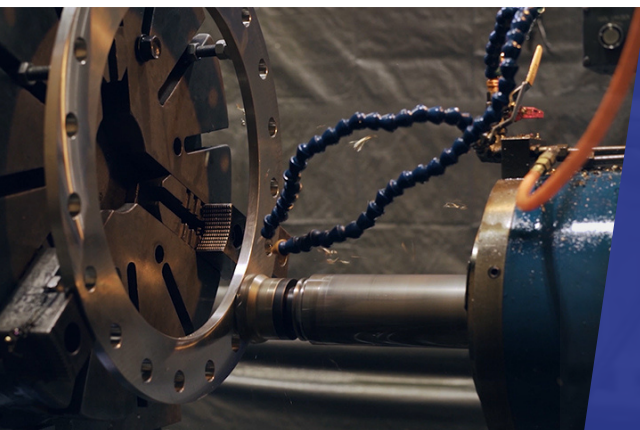
EXPANSION JOINTS

Multiple sizes of flanged and union expansion joints, along with accessories like control units and split retaining rings



CUSTOM PARTS

Diverse selection of custom parts and assemblies manufactured and stocked for OEM Manufacturers in the Agriculture, Exhaust, HVAC & Water Works markets

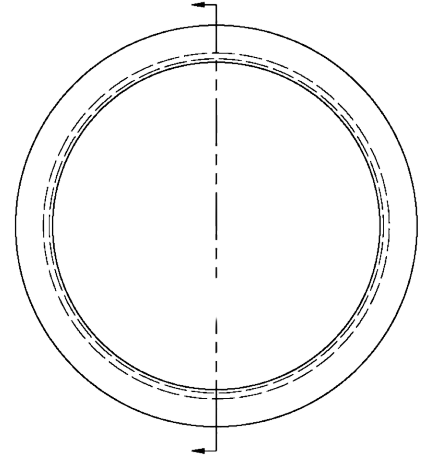
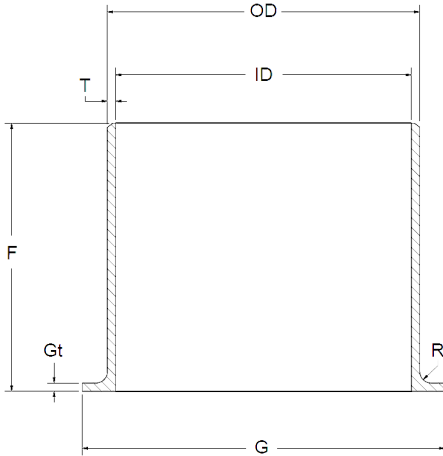


MACHINING & MANUFACTURING

- Experience with a wide variety of products, sizes, materials and specifications utilizing Buy America, AIS or Import materials.
- Short lead times that allow you to get products to customers when they need them.
- Support fast turn modifications to stock items.
- Quality control technicians verify that all products meet customer requirements.

STUB ENDS

These 304L stainless steel Stub Ends (SE Series) are made to meet the product specification for Lap Joint Type C MSS SP--43 Schedule 10S. Stub ends in different materials, schedules and types are available upon request.



Size	Outside Diameter (O.D.)		Inside Diameter (I.D.)		Wall thickness (T)		Diameter (G)		Thickness (Gt)		Length (F)		Radius (R)	
	Std		Std		Std		Std		Std		Std		Min	Max
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		
1	1.315		1.097		0.109		2.000		0.109		2		0.059	0.157
	1.283	1.346	1.067	1.126	0.098	0.122	1.969	2.031	0.098	0.165	1.941	2.059		
1.5	1.902		1.683		0.109		2.874		0.109		2			
	1.871	1.933	1.654	1.713	0.098	0.122	2.843	2.906	0.098	0.165	1.941	2.059		
2	2.374		2.156		0.109		3.626		0.109		2.5			
	2.343	2.421	2.126	2.201	0.098	0.122	3.594	3.657	0.098	0.165	2.441	2.559		
2.5	2.874		2.634		0.120		4.106		0.120		2.5			
	2.843	2.921	2.602	2.681	0.106	0.134	4.075	4.138	0.106	0.177	2.441	2.559		
3	3.500		3.260		0.120		5.000		0.122		2.5			
	3.469	3.547	3.197	3.323	0.106	0.134	4.969	5.031	0.106	0.177	2.441	2.559		
4	4.500		4.260		0.120		6.189		0.120		3		0.079	0.197
	4.469	4.547	4.197	4.323	0.106	0.134	6.157	6.220	0.106	0.177	2.941	3.059		
5	5.563		5.295		0.134		7.315		0.134		3			
	5.531	5.622	5.232	5.358	0.118	0.150	7.283	7.349	0.118	0.193	2.941	3.059		
6	6.626		6.358		0.134		8.500		0.134		3.5			
	6.594	6.685	6.295	6.421	0.118	0.150	8.469	8.531	0.118	0.193	3.441	3.559		
8	8.626		8.330		0.148		10.626		0.148		4			
	8.594	8.720	8.268	8.390	0.130	0.165	10.591	10.660	0.131	0.204	3.909	4.091		
10	10.752		10.422		0.1649		12.752		0.165		5			
	10.721	10.850	10.300	10.540	0.146	0.185	12.721	12.78	0.146	0.224	4.909	5.091		
12	12.752		12.392		0.180		15.000		0.180		6			
	12.721	12.850	12.271	12.510	0.157	0.201	14.971	15.030	0.157	0.236	5.909	6.091		

PART NUMBER STRUCTURE

Part Number Selection	Options
Category	SE = Stub End
Size	XXXX = Size in inches going out 2 decimal places
Type	C = Type C
Schedule	10S = Schedule 10
Material	304L = 304L Stainless Steel
Example	SE0100-C-10S-304L = 1" Stub End, Type C, Schedule 10, 304L Stainless Steel

Notes:

- Product Specification For Lap Joint Type C MSS SP--43 Schedule:10S. Other Types, Schedules and sizes available upon request.
- Standard material is 304L Stainless Steel, but available in other materials on request.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE STATED.