

I-Line Fittings



SS2CI--- 90° 15WI x 15WI Elbow, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	2.281				SS2CI-1-304	SS2CI-1-316
1.5"	3.188				SS2CI-1.5-304	SS2CI-1.5-316
2"	4.031				SS2CI-2-304	SS2CI-2-316
2.5"	4.906				SS2CI-2.5-304	SS2CI-2.5-316
3"	5.718				SS2CI-3-304	SS2CI-3-316
4"	7.344				SS2CI-4-304	SS2CI-4-316
6"	10.13				SS2CI-6-304	SS2CI-6-316
8"	13.13				SS2CI-8-304	SS2CI-8-316



SS2EI--- 90° 14WI x 14WI Elbow, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	2.093				SS2EI-1-304	SS2EI-1-316
1.5"	3.000				SS2EI-1.5-304	SS2EI-1.5-316
2"	3.781				SS2EI-2-304	SS2EI-2-316
2.5"	4.593				SS2EI-2.5-304	SS2EI-2.5-316
3"	5.406				SS2EI-3-304	SS2EI-3-316
4"	7.031				SS2EI-4-304	SS2EI-4-316
6"	9.940				SS2EI-6-304	SS2EI-6-316
8"	12.94				SS2EI-8-304	SS2EI-8-316

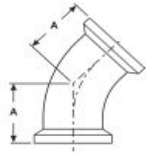


SS2FI--- 90° 15WI x 14WI Elbow, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	2.281	2.093			SS2FI-1-304	SS2FI-1-316
1.5"	3.188	3.000			SS2FI-1.5-304	SS2FI-1.5-316
2"	4.031	3.781			SS2FI-2-304	SS2FI-2-316
2.5"	4.906	4.593			SS2FI-2.5-304	SS2FI-2.5-316
3"	5.718	5.406			SS2FI-3-304	SS2FI-3-316
4"	7.344	7.031			SS2FI-4-304	SS2FI-4-316
6"	10.13	9.940			SS2FI-6-304	SS2FI-6-316
8"	13.13	12.94			SS2FI-8-304	SS2FI-8-316

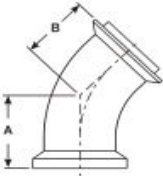


SS2HI--- 45° 14WI x 14WI Elbow, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.225				SS2HI-1-304	SS2HI-1-316
1.5"	1.702				SS2HI-1.5-304	SS2HI-1.5-316
2"	2.040				SS2HI-2-304	SS2HI-2-316
2.5"	2.410				SS2HI-2.5-304	SS2HI-2.5-316
3"	2.781				SS2HI-3-304	SS2HI-3-316
4"	3.531				SS2HI-4-304	SS2HI-4-316
6"	4.690				SS2HI-6-304	SS2HI-6-316
8"	5.940				SS2HI-8-304	SS2HI-8-316

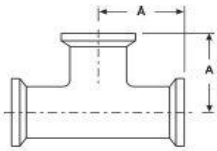
I-Line Fittings



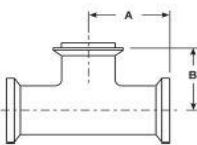
SS2KI--- 45° 15WI x 15WI Elbow, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.406				SS2KI-1-304	SS2KI-1-316
1.5"	1.888				SS2KI-1.5-304	SS2KI-1.5-316
2"	2.281				SS2KI-2-304	SS2KI-2-316
2.5"	2.718				SS2KI-2.5-304	SS2KI-2.5-316
3"	3.093				SS2KI-3-304	SS2KI-3-316
4"	3.844				SS2KI-4-304	SS2KI-4-316
6"	4.875				SS2KI-6-304	SS2KI-6-316
8"	6.125				SS2KI-8-304	SS2KI-8-316



SS2PI--- 45° 15WI x 14WI Elbow, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.406	1.225			SS2PI-1-304	SS2PI-1-316
1.5"	1.888	1.702			SS2PI-1.5-304	SS2PI-1.5-316
2"	2.281	2.040			SS2PI-2-304	SS2PI-2-316
2.5"	2.718	2.410			SS2PI-2.5-304	SS2PI-2.5-316
3"	3.093	2.781			SS2PI-3-304	SS2PI-3-316
4"	3.844	3.531			SS2PI-4-304	SS2PI-4-316
6"	4.875	4.690			SS2PI-6-304	SS2PI-6-316
8"	6.125	5.940			SS2PI-8-304	SS2PI-8-316

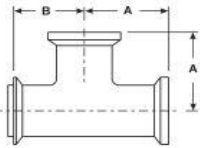


SS7I--- TEE--- 15WI (All ENDS) , Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.875				SS7I-1-304	SS7I-1-316
1.5"	2.594				SS7I-1.5-304	SS7I-1.5-316
2"	3.062				SS7I-2-304	SS7I-2-316
2.5"	3.468				SS7I-2.5-304	SS7I-2.5-316
3"	3.812				SS7I-3-304	SS7I-3-316
4"	4.750				SS7I-4-304	SS7I-4-316
6"	6.750				SS7I-6-304	SS7I-6-316
8"	8.125				SS7I-8-304	SS7I-8-316



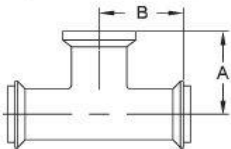
SS7AI--- TEE--- 15WI on each Run x 14WI on the Branch, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.875	1.688			SS7AI-1-304	SS7AI-1-316
1.5"	2.594	2.406			SS7AI-1.5-304	SS7AI-1.5-316
2"	3.062	2.812			SS7AI-2-304	SS7AI-2-316
2.5"	3.468	3.156			SS7AI-2.5-304	SS7AI-2.5-316
3"	3.812	3.5			SS7AI-3-304	SS7AI-3-316
4"	4.750	4.468			SS7AI-4-304	SS7AI-4-316
6"	6.750	6.565			SS7AI-6-304	SS7AI-6-316
8"	8.125	7.940			SS7AI-8-304	SS7AI-8-316

I-Line Fittings



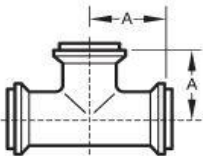
SS7BI--- TEE--- 15WI on 1 Run x 14WI on 1 Run x 15WI on Branch, Polish ID/OD

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.875	1.688			SS7BI-1-304	SS7BI-1-316
1.5"	2.594	2.406			SS7BI-1.5-304	SS7BI-1.5-316
2"	3.062	2.812			SS7BI-2-304	SS7BI-2-316
2.5"	3.468	3.156			SS7BI-2.5-304	SS7BI-2.5-316
3"	3.812	3.500			SS7BI-3-304	SS7BI-3-316
4"	4.750	4.468			SS7BI-4-304	SS7BI-4-316
6"	6.750	6.565			SS7BI-6-304	SS7BI-6-316
8"	8.125	7.940			SS7BI-8-304	SS7BI-8-316



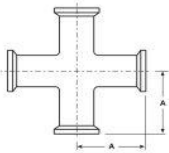
SS7EI--- TEE--- 14WI on each Run x 15WI on Branch, Polish ID/OD

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.688	1.875			SS7EI-1-304	SS7EI-1-316
1.5"	2.406	2.594			SS7EI-1.5-304	SS7EI-1.5-316
2"	2.812	3.062			SS7EI-2-304	SS7EI-2-316
2.5"	3.156	3.468			SS7EI-2.5-304	SS7EI-2.5-316
3"	3.500	3.812			SS7EI-3-304	SS7EI-3-316
4"	4.468	4.750			SS7EI-4-304	SS7EI-4-316
6"	6.750	6.565			SS7EI-6-304	SS7EI-6-316
8"	8.125	7.940			SS7EI-8-304	SS7EI-8-316



SS7HI--- TEE--- 14WI on All Ends, Polish ID/OD

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.688				SS7HI-1-304	SS7HI-1-316
1.5"	2.406				SS7HI-1.5-304	SS7HI-1.5-316
2"	2.812				SS7HI-2-304	SS7HI-2-316
2.5"	3.156				SS7HI-2.5-304	SS7HI-2.5-316
3"	3.500				SS7HI-3-304	SS7HI-3-316
4"	4.468				SS7HI-4-304	SS7HI-4-316
6"	6.565				SS7HI-6-304	SS7HI-6-316
8"	7.940				SS7HI-8-304	SS7HI-8-316



SS9I--- CROSS--- 15WI (All ENDS) , Polish ID/OD

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	2.660				SS9I-1-304	SS9I-1-316
1.5"	3.200				SS9I-1.5-304	SS9I-1.5-316
2"	4.040				SS9I-2-304	SS9I-2-316
2.5"	4.160				SS9I-2.5-304	SS9I-2.5-316
3"	4.470				SS9I-3-304	SS9I-3-316
4"	5.225				SS9I-4-304	SS9I-4-316

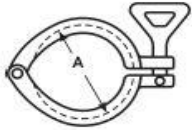
I-Line Fittings



SS13ILC---Heavy Duty I-Line Clamp, 304

Tube OD (Size)	A	SPR @ 70° F *	SPR @ 250° F *	Part Number 304
1"-- 1.5"	2.122	700	250	SS13ILC-1-1.5-304
2"	2.654	450	250	SS13ILC-2-304
2.5"	3.185	450	200	SS13ILC-2.5-304
3"	3.717	350	150	SS13ILC-3-304
4"	4.820	200	125	SS13ILC-4-304
6"	7.689	150	100	SS13ILC-6-304
8"	9.689	125	75	SS13ILC-8-304

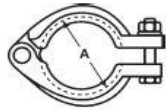
* Tighten Wing Nut to 25 in. lb. of torque



SS13ILB---Heavy Duty I-Line Bolted Clamp, 304

Tube OD (Size)	A	SPR @ 70° F *	SPR @ 250° F *	Part Number 304
1"-- 1.5"	2.122	1220	1100	SS13ILB-1-1.5-304
2"	2.654	900	830	SS13ILB-2-304
2.5"	3.185	720	660	SS13ILB-2.5-304
3"	3.717	600	550	SS13ILB-3-304
4"	4.820	570	525	SS13ILB-4-304

* Tighten Nut to 20 ft. lbs. of torque



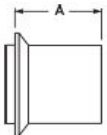
SS14WI--- Male I-Line Short Weld Ferrule

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	0.590				SSI4WI-1-304	SSI4WI-1-316
1.5"	0.765				SSI4WI-1.5-304	SSI4WI-1.5-316
2"	0.790				SSI4WI-2-304	SSI4WI-2-316
2.5"	0.848				SSI4WI-2.5-304	SSI4WI-2.5-316
3"	0.906				SSI4WI-3-304	SSI4WI-3-316
4"	1.031				SSI4WI-4-304	SSI4WI-4-316
6"	0.937				SSI4WI-6-304	SSI4WI-6-316
8"	0.937				SSI4WI-8-304	SSI4WI-8-316



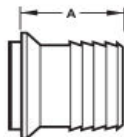
SS14WLI--- Male I-Line Long Weld Ferrule

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.562				SSI4WLI-1-304	SSI4WLI-1-316
1.5"	1.843				SSI4WLI-1.5-304	SSI4WLI-1.5-316
2"	2.062				SSI4WLI-2-304	SSI4WLI-2-316
2.5"	2.188				SSI4WLI-2.5-304	SSI4WLI-2.5-316
3"	2.375				SSI4WLI-3-304	SSI4WLI-3-316
4"	2.687				SSI4WLI-4-304	SSI4WLI-4-316
6"	2.687				SSI4WLI-6-304	SSI4WLI-6-316

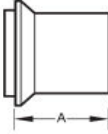


SS14HRI--- Male I-Line Rubber Hose Adapter

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.812				SSI4HRI-1-304	SSI4HRI-1-316
1.5"	1.937				SSI4HRI-1.5-304	SSI4HRI-1.5-316
2"	2.062				SSI4HRI-2-304	SSI4HRI-2-316
2.5"	2.437				SSI4HRI-2.5-304	SSI4HRI-2.5-316
3"	2.687				SSI4HRI-3-304	SSI4HRI-3-316
4"	3.687				SSI4HRI-4-304	SSI4HRI-4-316



I-Line Fittings



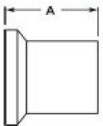
SS14WHI--- Male I-Line Heavy Tank Spud

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.312				SSI4WHI-1-304	SSI4WHI-1-316
1.5"	1.437				SSI4WHI-1.5-304	SSI4WHI-1.5-316
2"	1.500				SSI4WHI-2-304	SSI4WHI-2-316
2.5"	1.437				SSI4WHI-2.5-304	SSI4WHI-2.5-316
3"	1.500				SSI4WHI-3-304	SSI4WHI-3-316
4"	1.812				SSI4WHI-4-304	SSI4WHI-4-316



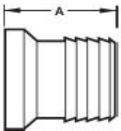
SS15WI--- Female I-Line Short Weld Ferrule

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	0.781				SSI5WI-1-304	SSI5WI-1-316
1.5"	0.937				SSI5WI-1.5-304	SSI5WI-1.5-316
2"	1.032				SSI5WI-2-304	SSI5WI-2-316
2.5"	1.156				SSI5WI-2.5-304	SSI5WI-2.5-316
3"	1.218				SSI5WI-3-304	SSI5WI-3-316
4"	1.343				SSI5WI-4-304	SSI5WI-4-316
6"	1.125				SSI5WI-6-304	SSI5WI-6-316
8"	1.130				SSI5WI-8-304	SSI5WI-8-316



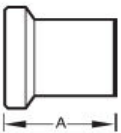
SS15WLI--- Female I-Line Long Weld Ferrule

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.750				SSI5WLI-1-304	SSI5WLI-1-316
1.5"	2.032				SSI5WLI-1.5-304	SSI5WLI-1.5-316
2"	2.312				SSI5WLI-2-304	SSI5WLI-2-316
2.5"	2.500				SSI5WLI-2.5-304	SSI5WLI-2.5-316
3"	2.687				SSI5WLI-3-304	SSI5WLI-3-316
4"	3.000				SSI5WLI-4-304	SSI5WLI-4-316
6"	3.000				SSI5WLI-6-304	SSI5WLI-6-316



SS15HRI--- Female I-Line Rubber Hose Adapter

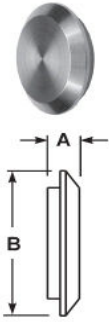
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	4.062				SSI5HRI-1-304	SSI5HRI-1-316
1.5"	4.281				SSI5HRI-1.5-304	SSI5HRI-1.5-316
2"	4.062				SSI5HRI-2-304	SSI5HRI-2-316
2.5"	4.812				SSI5HRI-2.5-304	SSI5HRI-2.5-316
3"	5.062				SSI5HRI-3-304	SSI5HRI-3-316
4"	4.188				SSI5HRI-4-304	SSI5HRI-4-316



SS15WHI--- Female I-Line Heavy Tank Spud

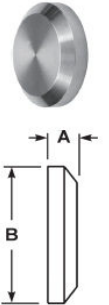
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.500				SSI5WHI-1-304	SSI5WHI-1-316
1.5"	1.625				SSI5WHI-1.5-304	SSI5WHI-1.5-316
2"	1.750				SSI5WHI-2-304	SSI5WHI-2-316
2.5"	1.750				SSI5WHI-2.5-304	SSI5WHI-2.5-316
3"	1.812				SSI5WHI-3-304	SSI5WHI-3-316
4"	2.125				SSI5WHI-4-304	SSI5WHI-4-316

I-Line Fittings



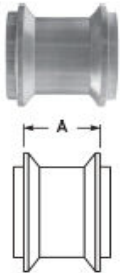
SS16AI-14I---Male I-Line Solid End Cap

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	0.500	1.985			SS16AI-14I-1-304	SS16AI-14I-1-316
1.5"	0.500	1.985			SS16AI-14I-1.5-304	SS16AI-14I-1.5-316
2"	0.687	2.640			SS16AI-14I-2-304	SS16AI-14I-2-316
2.5"	0.687	3.307			SS16AI-14I-2.5-304	SS16AI-14I-2.5-316
3"	0.687	3.870			SS16AI-14I-3-304	SS16AI-14I-3-316
4"	0.750	4.870			SS16AI-14I-4-304	SS16AI-14I-4-316
6"	0.750	7.495			SS16AI-14I-6-304	SS16AI-14I-6-316
8"	0.880	9.495			SS16AI-14I-8-304	SS16AI-14I-8-316



SS16AI-15I---Female I-Line Solid End Cap

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	0.500	1.985			SS16AI-15I-1-304	SS16AI-15I-1-316
1.5"	0.500	1.985			SS16AI-15I-1.5-304	SS16AI-15I-1.5-316
2"	0.687	2.640			SS16AI-15I-2-304	SS16AI-15I-2-316
2.5"	0.687	3.307			SS16AI-15I-2.5-304	SS16AI-15I-2.5-316
3"	0.687	3.870			SS16AI-15I-3-304	SS16AI-15I-3-316
4"	0.750	4.870			SS16AI-15I-4-304	SS16AI-15I-4-316
6"	0.750	7.495			SS16AI-15I-6-304	SS16AI-15I-6-316
8"	0.880	9.495			SS16AI-15I-8-304	SS16AI-15I-8-316



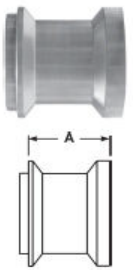
SS17I-14I-14I-Male I-Line x Male I-Line Adapter

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.200				SS17I-14I-14I-1-304	SS17I-14I-14I-1-316
1.5"	1.530				SS17I-14I-14I-1.5-304	SS17I-14I-14I-1.5-316
2"	1.580				SS17I-14I-14I-2-304	SS17I-14I-14I-2-316
2.5"	1.696				SS17I-14I-14I-2.5-304	SS17I-14I-14I-2.5-316
3"	1.812				SS17I-14I-14I-3-304	SS17I-14I-14I-3-316
4"	2.062				SS17I-14I-14I-4-304	SS17I-14I-14I-4-316



SS17I-14I-14MP-Male I-Line x Clamp Adapter

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.093				SS17I-14I-14MP-1-304	SS17I-14I-14MP-1-316
1.5"	1.250				SS17I-14I-14MP-1.5-304	SS17I-14I-14MP-1.5-316
2"	1.250				SS17I-14I-14MP-2-304	SS17I-14I-14MP-2-316
2.5"	1.312				SS17I-14I-14MP-2.5-304	SS17I-14I-14MP-2.5-316
3"	1.406				SS17I-14I-14MP-3-304	SS17I-14I-14MP-3-316
4"	1.656				SS17I-14I-14MP-4-304	SS17I-14I-14MP-4-316



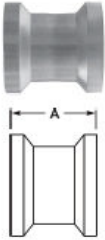
SS17I-14I-15I-Male I-Line x Female I-Line Adapter

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.318				SS17I-14I-15I-1-304	SS17I-14I-15I-1-316
1.5"	1.468				SS17I-14I-15I-1.5-304	SS17I-14I-15I-1.5-316
2"	1.500				SS17I-14I-15I-2-304	SS17I-14I-15I-2-316
2.5"	1.688				SS17I-14I-15I-2.5-304	SS17I-14I-15I-2.5-316
3"	1.812				SS17I-14I-15I-3-304	SS17I-14I-15I-3-316
4"	2.062				SS17I-14I-15I-4-304	SS17I-14I-15I-4-316

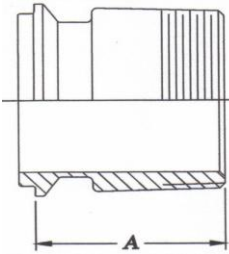
I-Line Fittings



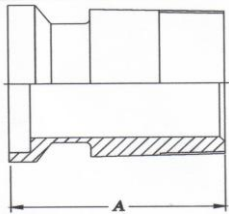
SS17I-15I-14MP- <i>Female</i> I-Line x <i>Clamp</i> Adapter							
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L	
1"	1.281				SS17I-15I-14MP-1-304	SS17I-15I-14MP-1-316	
1.5"	1.437				SS17I-15I-14MP-1.5-304	SS17I-15I-14MP-1.5-316	
2"	1.540				SS17I-15I-14MP-2-304	SS17I-15I-14MP-2-316	
2.5"	1.625				SS17I-15I-14MP-2.5-304	SS17I-15I-14MP-2.5-316	
3"	1.718				SS17I-15I-14MP-3-304	SS17I-15I-14MP-3-316	
4"	1.968				SS17I-15I-14MP-4-304	SS17I-15I-14MP-4-316	



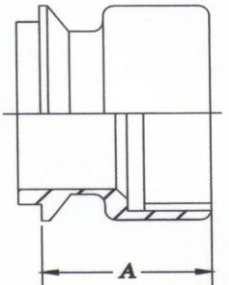
SS17I-15I-15I- <i>Female</i> I-Line x <i>Female</i> I-Line Adapter							
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L	
1"	1.562				SS17I-15I-15I-1-304	SS17I-15I-15I-1-316	
1.5"	1.875				SS17I-15I-15I-1.5-304	SS17I-15I-15I-1.5-316	
2"	2.062				SS17I-15I-15I-2-304	SS17I-15I-15I-2-316	
2.5"	2.312				SS17I-15I-15I-2.5-304	SS17I-15I-15I-2.5-316	
3"	2.437				SS17I-15I-15I-3-304	SS17I-15I-15I-3-316	
4"	2.688				SS17I-15I-15I-4-304	SS17I-15I-15I-4-316	



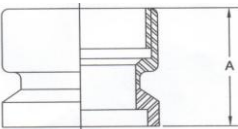
SS21I-14I- <i>Male</i> I-Line x (MNPT) Adapter							
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L	
1" x 1"	2.343				SS21I-14I-1-304	SS21I-14I-1-316	
1.5" x 1.5"	2.500				SS21I-14I-1.5-304	SS21I-14I-1.5-316	
2" x 2"	2.593				SS21I-14I-2-304	SS21I-14I-2-316	
2.5" x 2.5"	3.125				SS21I-14I-2.5-304	SS21I-14I-2.5-316	
3" x 3"	3.406				SS21I-14I-3-304	SS21I-14I-3-316	
4" x 4"	3.593				SS21I-14I-4-304	SS21I-14I-4-316	



SS21I-15I- <i>Female</i> I-Line x (MNPT) Adapter							
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L	
1" x 1"	2.531				SS21I-15I-1-304	SS21I-15I-1-316	
1.5" x 1.5"	2.688				SS21I-15I-1.5-304	SS21I-15I-1.5-316	
2" x 2"	2.844				SS21I-15I-2-304	SS21I-15I-2-316	
2.5" x 2.5"	3.438				SS21I-15I-2.5-304	SS21I-15I-2.5-316	
3" x 3"	3.719				SS21I-15I-3-304	SS21I-15I-3-316	
4" x 4"	3.906				SS21I-15I-4-304	SS21I-15I-4-316	

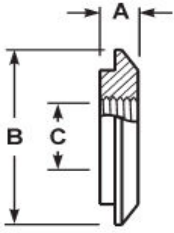


SS22I-14I- <i>Male</i> I-Line x (FNPT) Adapter							
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L	
1" x 1"	1.688				SS22I-14I-1-304	SS22I-14I-1-316	
1.5" x 1.5"	2.188				SS22I-14I-1.5-304	SS22I-14I-1.5-316	
2" x 2"	2.219				SS22I-14I-2-304	SS22I-14I-2-316	
2.5" x 2.5"	2.438				SS22I-14I-2.5-304	SS22I-14I-2.5-316	
3" x 3"	2.719				SS22I-14I-3-304	SS22I-14I-3-316	
4" x 4"	3.031				SS22I-14I-4-304	SS22I-14I-4-316	



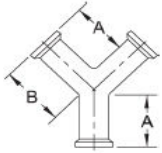
SS22I-15I- <i>Female</i> I-Line x (FNPT) Adapter							
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L	
1" x 1"	1.906				SS22I-15I-1-304	SS22I-15I-1-316	
1.5" x 1.5"	2.375				SS22I-15I-1.5-304	SS22I-15I-1.5-316	
2" x 2"	2.469				SS22I-15I-2-304	SS22I-15I-2-316	
2.5" x 2.5"	2.781				SS22I-15I-2.5-304	SS22I-15I-2.5-316	
3" x 3"	3.031				SS22I-15I-3-304	SS22I-15I-3-316	
4" x 4"	3.343				SS22I-15I-4-304	SS22I-15I-4-316	

I-Line Fittings



SS23BI--- I-Line Thermometer Cap

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	1.985	0.5	1/2" NPT		SS23BI-1-304	SS23BI-1-316
1.5"	1.985	0.500	3/4" NPT		SS23BI-1.5-304	SS23BI-1.5-316
2"	2.640	0.563	3/4" NPT		SS23BI-2-304	SS23BI-2-316
2.5"	3.307	0.750	3/4" NPT		SS23BI-2.5-304	SS23BI-2.5-316
3"	3.870	0.750	3/4" NPT		SS23BI-3-304	SS23BI-3-316
4"	4.870	0.750	3/4" NPT		SS23BI-4-304	SS23BI-4-316



SS28YI-15I- Female I-Line True "Y"

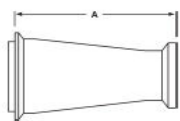
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	2.785	3.223			SS28YI-15I-1-304	SS28YI-15I-1-316
1.5"	2.950	3.388			SS28YI-15I-1.5-304	SS28YI-15I-1.5-316
2"	3.665	4.290			SS28YI-15I-2-304	SS28YI-15I-2-316
2.5"	4.530	5.285			SS28YI-15I-2.5-304	SS28YI-15I-2.5-316
3"	5.220	6.095			SS28YI-15I-3-304	SS28YI-15I-3-316
4"	6.725	6.725			SS28YI-15I-4-304	SS28YI-15I-4-316

Note: Female I-Line Lateral Available (1"-- 4")



3114I-14I--- Male I-Line x Male I-Line Concentric Reducers, Polish ID/OD

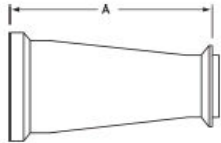
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1.5" x 1"	3.365				3114I-14I- 1.5 x 1- 304	3114I-14I- 1.5 x 1- 316
2" x 1"	5.390				3114I-14I- 2 x 1- 304	3114I-14I- 2 x 1- 316
2" x 1.5"	3.555				3114I-14I- 2 x 1.5-304	3114I-14I- 2 x 1.5-316
2.5" x 1.5"	5.613				3114I-14I- 2.5 x 1.5- 304	3114I-14I- 2.5 x 1.5- 316
2.5" x 2"	3.638				3114I-14I- 2.5 x 2- 304	3114I-14I- 2.5 x 2- 316
3" x 1.5"	7.665				3114I-14I- 3 x 1.5-304	3114I-14I- 3 x 1.5-316
3" x 2"	5.690				3114I-14I- 3 x 2-304	3114I-14I- 3 x 2-316
3" x 2.5"	3.745				3114I-14I- 3 x 2.5-304	3114I-14I- 3 x 2.5-316
4" x 2"	9.828				3114I-14I- 4 x 2-304	3114I-14I- 4 x 2-316
4" x 2.5"	7.886				3114I-14I- 4 x 2.5-304	3114I-14I- 4 x 2.5-316
4" x 3"	5.938				3114I-14I- 4 x 3- 304	3114I-14I- 4 x 3- 316
6" x 3"	7.348				3114I-14I- 6 x 3-304	3114I-14I- 6 x 3-316
6" x 4"	7.478				3114I-14I- 6 x 4-304	3114I-14I- 6 x 4-316



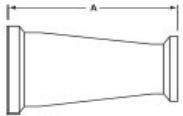
3114I-15I--- Male I-Line x Female I-Line Concentric Reducers, Polish ID/OD

Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1.5" x 1"	3.550				3114I-15I- 1.5 x 1- 304	3114I-15I- 1.5 x 1- 316
2" x 1"	5.640				3114I-15I- 2 x 1- 304	3114I-15I- 2 x 1- 316
2" x 1.5"	3.805				3114I-15I- 2 x 1.5-304	3114I-15I- 2 x 1.5-316
2.5" x 1.5"	5.925				3114I-15I- 2.5 x 1.5- 304	3114I-15I- 2.5 x 1.5- 316
2.5" x 2"	3.950				3114I-15I- 2.5 x 2- 304	3114I-15I- 2.5 x 2- 316
3" x 1.5"	7.985				3114I-15I- 3 x 1.5-304	3114I-15I- 3 x 1.5-316
3" x 2"	6.010				3114I-15I- 3 x 2-304	3114I-15I- 3 x 2-316
3" x 2.5"	4.068				3114I-15I- 3 x 2.5-304	3114I-15I- 3 x 2.5-316
4" x 2"	10.14				3114I-15I- 4 x 2-304	3114I-15I- 4 x 2-316
4" x 2.5"	8.198				3114I-15I- 4 x 2.5-304	3114I-15I- 4 x 2.5-316
4" x 3"	6.250				3114I-15I- 4 x 3- 304	3114I-15I- 4 x 3- 316
6" x 3"	7.535				3114I-15I- 6 x 3-304	3114I-15I- 6 x 3-316
6" x 4"	4.663				3114I-15I- 6 x 4-304	3114I-15I- 6 x 4-316

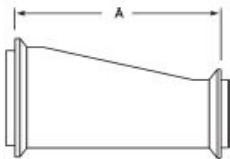
I-Line Fittings



3115I-14I--- <u>Female I-Line x Male I-Line</u> Concentric Reducers, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1.5" x 1"	3.550				3115I-14I- 1.5 x 1- 304	3115I-14I- 1.5 x 1- 316
2" x 1"	5.640				3115I-14I- 2 x 1- 304	3115I-14I- 2 x 1- 316
2" x 1.5"	3.805				3115I-14I- 2 x 1.5-304	3115I-14I- 2 x 1.5-316
2.5" x 1.5"	5.925				3115I-14I- 2.5 x 1.5- 304	3115I-14I- 2.5 x 1.5- 316
2.5" x 2"	3.950				3115I-14I- 2.5 x 2- 304	3115I-14I- 2.5 x 2- 316
3" x 1.5"	7.985				3115I-14I- 3 x 1.5-304	3115I-14I- 3 x 1.5-316
3" x 2"	6.010				3115I-14I- 3 x 2-304	3115I-14I- 3 x 2-316
3" x 2.5"	4.068				3115I-14I- 3 x 2.5-304	3115I-14I- 3 x 2.5-316
4" x 2"	10.14				3115I-14I- 4 x 2-304	3115I-14I- 4 x 2-316
4" x 2.5"	8.198				3115I-14I- 4 x 2.5-304	3115I-14I- 4 x 2.5-316
4" x 3"	6.250				3115I-14I- 4 x 3- 304	3115I-14I- 4 x 3- 316
6" x 3"	7.535				3115I-14I- 6 x 3-304	3115I-14I- 6 x 3-316
6" x 4"	4.663				3115I-14I- 6 x 4-304	3115I-14I- 6 x 4-316

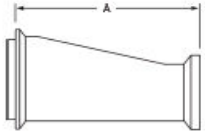


3115I-15I--- <u>Female I-Line x Female I-Line</u> Concentric Reducers, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1.5" x 1"	3.735				3115I-15I- 1.5 x 1- 304	3115I-15I- 1.5 x 1- 316
2" x 1"	5.825				3115I-15I- 2 x 1- 304	3115I-15I- 2 x 1- 316
2" x 1.5"	3.990				3115I-15I- 2 x 1.5-304	3115I-15I- 2 x 1.5-316
2.5" x 1.5"	6.110				3115I-15I- 2.5 x 1.5- 304	3115I-15I- 2.5 x 1.5- 316
2.5" x 2"	4.200				3115I-15I- 2.5 x 2- 304	3115I-15I- 2.5 x 2- 316
3" x 1.5"	8.170				3115I-15I- 3 x 1.5-304	3115I-15I- 3 x 1.5-316
3" x 2"	6.260				3115I-15I- 3 x 2-304	3115I-15I- 3 x 2-316
3" x 2.5"	4.380				3115I-15I- 3 x 2.5-304	3115I-15I- 3 x 2.5-316
4" x 2"	10.39				3115I-15I- 4 x 2-304	3115I-15I- 4 x 2-316
4" x 2.5"	8.510				3115I-15I- 4 x 2.5-304	3115I-15I- 4 x 2.5-316
4" x 3"	6.570				3115I-15I- 4 x 3- 304	3115I-15I- 4 x 3- 316
6" x 3"	7.845				3115I-15I- 6 x 3-304	3115I-15I- 6 x 3-316
6" x 4"	7.975				3115I-15I- 6 x 4-304	3115I-15I- 6 x 4-316

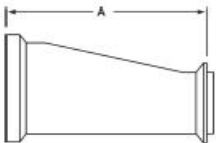


3214I-14I--- <u>Male I-Line x Male I-Line</u> Eccentric Reducers, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1.5" x 1"	3.365				3214I-14I- 1.5 x 1- 304	3214I-14I- 1.5 x 1- 316
2" x 1"	5.390				3214I-14I- 2 x 1- 304	3214I-14I- 2 x 1- 316
2" x 1.5"	3.555				3214I-14I- 2 x 1.5-304	3214I-14I- 2 x 1.5-316
2.5" x 1.5"	5.613				3214I-14I- 2.5 x 1.5- 304	3214I-14I- 2.5 x 1.5- 316
2.5" x 2"	3.638				3214I-14I- 2.5 x 2- 304	3214I-14I- 2.5 x 2- 316
3" x 1.5"	7.665				3214I-14I- 3 x 1.5-304	3214I-14I- 3 x 1.5-316
3" x 2"	5.690				3214I-14I- 3 x 2-304	3214I-14I- 3 x 2-316
3" x 2.5"	3.745				3214I-14I- 3 x 2.5-304	3214I-14I- 3 x 2.5-316
4" x 2"	9.828				3214I-14I- 4 x 2-304	3214I-14I- 4 x 2-316
4" x 2.5"	7.886				3214I-14I- 4 x 2.5-304	3214I-14I- 4 x 2.5-316
4" x 3"	5.938				3214I-14I- 4 x 3- 304	3214I-14I- 4 x 3- 316
6" x 3"	7.348				3214I-14I- 6 x 3-304	3214I-14I- 6 x 3-316
6" x 4"	7.478				3214I-14I- 6 x 4-304	3214I-14I- 6 x 4-316

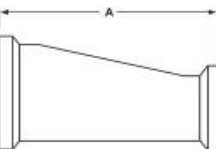
I-Line Fittings



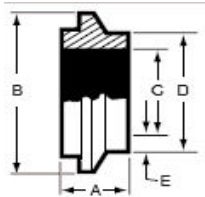
3214I-15I--- <u>Male I-Line x Female I-Line</u> Eccentric Reducers, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1.5" x 1"	3.550				3214I-15I- 1.5 x 1- 304	3214I-15I- 1.5 x 1- 316
2" x 1"	5.575				3214I-15I- 2 x 1- 304	3214I-15I- 2 x 1- 316
2" x 1.5"	3.740				3214I-15I- 2 x 1.5-304	3214I-15I- 2 x 1.5-316
2.5" x 1.5"	5.798				3214I-15I- 2.5 x 1.5- 304	3214I-15I- 2.5 x 1.5- 316
2.5" x 2"	3.888				3214I-15I- 2.5 x 2- 304	3214I-15I- 2.5 x 2- 316
3" x 1.5"	7.858				3214I-15I- 3 x 1.5-304	3214I-15I- 3 x 1.5-316
3" x 2"	5.948				3214I-15I- 3 x 2-304	3214I-15I- 3 x 2-316
3" x 2.5"	6.068				3214I-15I- 3 x 2.5-304	3214I-15I- 3 x 2.5-316
4" x 2"	10.08				3214I-15I- 4 x 2-304	3214I-15I- 4 x 2-316
4" x 2.5"	8.198				3214I-15I- 4 x 2.5-304	3214I-15I- 4 x 2.5-316
4" x 3"	6.250				3214I-15I- 4 x 3- 304	3214I-15I- 4 x 3- 316
6" x 3"	7.660				3214I-15I- 6 x 3-304	3214I-15I- 6 x 3-316
6" x 4"	7.790				3214I-15I- 6 x 4-304	3214I-15I- 6 x 4-316



3215I-14I--- <u>Female I-Line x Male I-Line</u> Eccentric Reducers, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1.5" x 1"	3.550				3215I-14I- 1.5 x 1- 304	3215I-14I- 1.5 x 1- 316
2" x 1"	5.640				3215I-14I- 2 x 1- 304	3215I-14I- 2 x 1- 316
2" x 1.5"	3.805				3215I-14I- 2 x 1.5-304	3215I-14I- 2 x 1.5-316
2.5" x 1.5"	5.925				3215I-14I- 2.5 x 1.5- 304	3215I-14I- 2.5 x 1.5- 316
2.5" x 2"	3.950				3215I-14I- 2.5 x 2- 304	3215I-14I- 2.5 x 2- 316
3" x 1.5"	7.985				3215I-14I- 3 x 1.5-304	3215I-14I- 3 x 1.5-316
3" x 2"	6.010				3215I-14I- 3 x 2-304	3215I-14I- 3 x 2-316
3" x 2.5"	4.068				3215I-14I- 3 x 2.5-304	3215I-14I- 3 x 2.5-316
4" x 2"	10.14				3215I-14I- 4 x 2-304	3215I-14I- 4 x 2-316
4" x 2.5"	8.198				3215I-14I- 4 x 2.5-304	3215I-14I- 4 x 2.5-316
4" x 3"	6.250				3215I-14I- 4 x 3- 304	3215I-14I- 4 x 3- 316
6" x 3"	7.535				3215I-14I- 6 x 3-304	3215I-14I- 6 x 3-316
6" x 4"	7.656				3215I-14I- 6 x 4-304	3215I-14I- 6 x 4-316



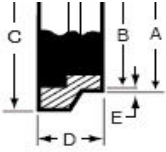
3215I-15I--- <u>Female I-Line x Female I-Line</u> Eccentric Reducers, Polish ID/OD						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1.5" x 1"	3.550				3215I-15I- 1.5 x 1- 304	3215I-15I- 1.5 x 1- 316
2" x 1"	5.640				3215I-15I- 2 x 1- 304	3215I-15I- 2 x 1- 316
2" x 1.5"	3.805				3215I-15I- 2 x 1.5-304	3215I-15I- 2 x 1.5-316
2.5" x 1.5"	5.925				3215I-15I- 2.5 x 1.5- 304	3215I-15I- 2.5 x 1.5- 316
2.5" x 2"	3.950				3215I-15I- 2.5 x 2- 304	3215I-15I- 2.5 x 2- 316
3" x 1.5"	7.985				3215I-15I- 3 x 1.5-304	3215I-15I- 3 x 1.5-316
3" x 2"	6.010				3215I-15I- 3 x 2-304	3215I-15I- 3 x 2-316
3" x 2.5"	4.068				3215I-15I- 3 x 2.5-304	3215I-15I- 3 x 2.5-316
4" x 2"	10.14				3215I-15I- 4 x 2-304	3215I-15I- 4 x 2-316
4" x 2.5"	8.198				3215I-15I- 4 x 2.5-304	3215I-15I- 4 x 2.5-316
4" x 3"	6.250				3215I-15I- 4 x 3- 304	3215I-15I- 4 x 3- 316
6" x 3"	7.533				3215I-15I- 6 x 3-304	3215I-15I- 6 x 3-316
6" x 4"	7.663				3215I-15I- 6 x 4-304	3215I-15I- 6 x 4-316



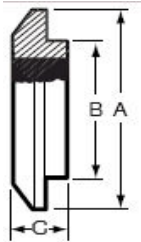
SS14WIV--- <u>Schedule 5</u> Short-Weld Male I-Line Ferrule						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	0.945	2.000	1.185	1.315	SS14WIV-1-304	SS14WIV-1-316
1.5"	1.024	2.648	1.770	1.900	SS14WIV-1.5-304	SS14WIV-1.5-316
2"	1.142	3.317	2.245	2.375	SS14WIV-2-304	SS14WIV-2-316
2.5"	1.220	3.868	2.709	2.875	SS14WIV-2.5-304	SS14WIV-2.5-316
3"	1.343	4.882	3.334	3.500	SS14WIV-3-304	SS14WIV-3-316
4"	1.343	5.882	4.334	4.500	SS14WIV-4-304	SS14WIV-4-316



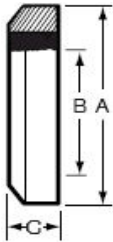
I-Line Fittings



SS15WIV--- Schedule 5 Short-Weld Female I-Line Ferrule						
Tube OD (Size)	A	B	C	D	Part Number 304	Part Number 316L
1"	0.945	1.185	2.000	0.945	SS15WIV-1-304	SS15WIV-1-316
1.5"	1.024	1.770	2.648	1.024	SS15WIV-1.5-304	SS15WIV-1.5-316
2"	1.142	2.245	3.317	1.142	SS15WIV-2-304	SS15WIV-2-316
2.5"	1.220	2.709	3.868	1.220	SS15WIV-2.5-304	SS15WIV-2.5-316
3"	1.343	3.334	4.882	1.343	SS15WIV-3-304	SS15WIV-3-316
4"	1.343	4.334	5.882	1.343	SS15WIV-4-304	SS15WIV-4-316



SS16AI-14IV-- Schedule 5 Male I-Line End Cap					
Tube OD (Size)	A	B	C	Part Number 304	Part Number 316L
1"	2.000	1.756	0.500	SS16AI-14IV-1-304	SS16AI-14IV-1-316
1.5"	2.648	2.244	0.585	SS16AI-14IV-1.5-304	SS16AI-14IV-1.5-316
2"	3.317	2.756	0.750	SS16AI-14IV-2-304	SS16AI-14IV-2-316
2.5"	3.868	3.316	0.750	SS16AI-14IV-2.5-304	SS16AI-14IV-2.5-316
3"	4.882	4.316	0.750	SS16AI-14IV-3-304	SS16AI-14IV-3-316
4"	5.582	5.316	0.750	SS16AI-14IV-4-304	SS16AI-14IV-4-316



SS16AI-15IV-- Schedule 5 Female I-Line End Cap					
Tube OD (Size)	A	B	C	Part Number 304	Part Number 316L
1"	2.000	1.756	0.500	SS16AI-15IV-1-304	SS16AI-15IV-1-316
1.5"	2.648	2.244	0.585	SS16AI-15IV-1.5-304	SS16AI-15IV-1.5-316
2"	3.317	2.756	0.750	SS16AI-15IV-2-304	SS16AI-15IV-2-316
2.5"	3.868	3.316	0.750	SS16AI-15IV-2.5-304	SS16AI-15IV-2.5-316
3"	4.882	4.316	0.750	SS16AI-15IV-3-304	SS16AI-15IV-3-316
4"	5.582	5.316	0.750	SS16AI-15IV-4-304	SS16AI-15IV-4-316