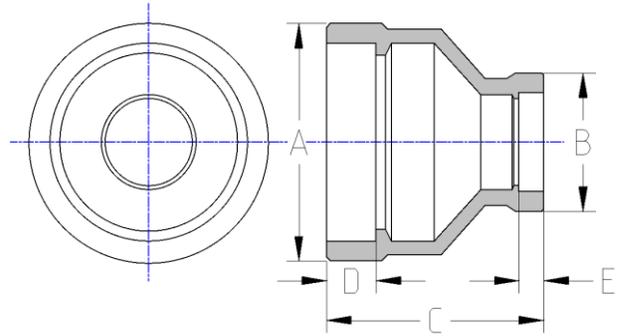




Socket Weld Reducing Coupling
MSS SP-114 Pattern
150# Cast Stainless Steel
Inches / Pounds



Nominal Pipe Size	Outside Diameter (A)	Outside Diameter (B)	End to End (C)	Socket Weld Depth Min. (D)	Socket Weld Depth Min. (E)	Nominal Metal Thickness**	Approx. Weight (in Pounds)
1/4" X 1/8"	0.850	0.768	1.012	0.32	0.32	0.09	0.07
3/8" X 1/8"	1.024	0.768	1.130	0.32	0.32	0.10	0.10
3/8" X 1/4"	1.024	0.850	1.130	0.32	0.32	0.10	0.10
1/2" X 1/8"	1.213	0.768	1.394	0.32	0.32	0.10	0.14
1/2" X 1/4"	1.213	0.850	1.394	0.32	0.32	0.10	0.15
1/2" X 3/8"	1.213	1.024	1.394	0.32	0.32	0.10	0.16
3/4" X 1/8"	1.416	0.768	1.512	0.37	0.32	0.12	0.21
3/4" X 1/4"	1.416	0.850	1.512	0.37	0.32	0.12	0.22
3/4" X 3/8"	1.416	1.024	1.512	0.37	0.32	0.12	0.23
3/4" X 1/2"	1.416	1.213	1.512	0.37	0.32	0.12	0.25
1" X 1/8"	1.791	0.768	1.634	0.44	0.32	0.13	0.32
1" X 1/4"	1.791	0.850	1.634	0.44	0.32	0.13	0.32
1" X 3/8"	1.791	1.024	1.634	0.44	0.32	0.13	0.33
1" X 1/2"	1.791	1.213	1.634	0.44	0.32	0.13	0.35
1" X 3/4"	1.791	1.416	1.634	0.44	0.37	0.13	0.38
1-1/4" X 1/8"	2.165	0.768	2.016	0.50	0.32	0.14	0.53
1-1/4" X 1/4"	2.165	0.850	2.016	0.50	0.32	0.14	0.54
1-1/4" X 3/8"	2.165	1.024	2.016	0.50	0.32	0.14	0.54
1-1/4" X 1/2"	2.165	1.213	2.016	0.50	0.32	0.14	0.54
1-1/4" X 3/4"	2.165	1.476	2.016	0.50	0.37	0.14	0.57
1-1/4" X 1"	2.165	1.791	2.016	0.50	0.44	0.14	0.60

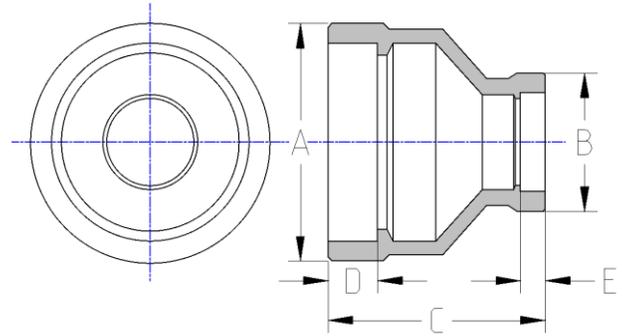
***The material composition and quality comply with ASTM A351/A351M "Standard Specification for Castings, Austenitic, for Pressure-Containing Parts"**

***Dimensions comply with MSS SP-114**

**** Patterns shall be designed to produce castings of metal thickness given in table. Metal thickness at no point shall be less than 90% of the nominal metal thickness value.**



Socket Weld Reducing Coupling
MSS SP-114 Pattern
150# Cast Stainless Steel
Inches / Pounds



Nominal Pipe Size	Outside Diameter (A)	Outside Diameter (B)	End to End (C)	Internal Thread Length Min. (D)	Internal Thread Length Min. (E)	Nominal Metal Thickness**	Approx. Weight (in Pounds)
1-1/2" X 1/4"	2.441	0.850	2.134	0.50	0.32	0.15	0.66
1-1/2" X 3/8"	2.441	1.024	2.134	0.50	0.32	0.15	0.66
1-1/2" X 1/2"	2.441	1.213	2.134	0.50	0.32	0.15	0.68
1-1/2" X 3/4"	2.441	1.476	2.134	0.50	0.37	0.15	0.71
1-1/2" X 1"	2.441	1.791	2.134	0.50	0.44	0.15	0.75
1-1/2" X 1-1/4"	2.441	2.165	2.134	0.50	0.50	0.15	0.82
2" X 3/8"	2.972	1.024	2.516	0.56	0.32	0.17	1.05
2" X 1/2"	2.972	1.213	2.516	0.56	0.32	0.17	1.05
2" X 3/4"	2.972	1.476	2.516	0.56	0.37	0.17	1.07
2" X 1"	2.972	1.791	2.516	0.56	0.44	0.17	1.12
2" X 1-1/4"	2.972	2.165	2.516	0.56	0.50	0.17	1.17
2" X 1-1/2"	2.972	2.441	2.516	0.56	0.50	0.17	1.25
2-1/2" X 1/2"	3.346	1.213	3.268	0.56	0.32	0.21	1.76
2-1/2" X 3/4"	3.346	1.476	3.268	0.56	0.37	0.21	1.76
2-1/2" X 1"	3.346	1.791	3.268	0.56	0.44	0.21	1.76
2-1/2" X 1-1/4"	3.346	2.165	3.268	0.56	0.50	0.21	1.84
2-1/2" X 1-1/2"	3.346	2.441	3.268	0.56	0.50	0.21	1.89
2-1/2" X 2"	3.346	2.972	3.268	0.56	0.56	0.21	2.02

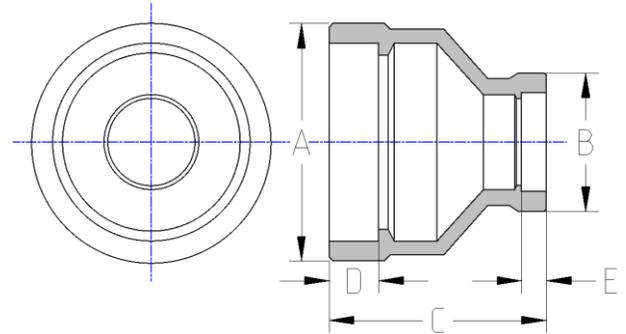
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Socket Weld Reducing Coupling
MSS SP-114 Pattern
150# Cast Stainless Steel
Inches / Pounds



Nominal Pipe Size	Outside Diameter (A)	Outside Diameter (B)	End to End (C)	Internal Thread Length Min. (D)	Internal Thread Length Min. (E)	Nominal Metal Thickness**	Approx. Weight (in Pounds)
3" X 1"	4.134	1.791	3.697	0.56	0.44	0.23	2.66
3" X 1-1/4"	4.134	2.165	3.697	0.56	0.50	0.23	2.74
3" X 1-1/2"	4.134	2.441	3.697	0.56	0.50	0.23	2.80
3" X 2"	4.134	2.972	3.697	0.56	0.56	0.23	2.90
3" X 2-1/2"	4.134	3.346	3.697	0.56	0.56	0.23	3.04
4" X 1-1/4"	5.098	2.165	4.398	0.69	0.50	0.26	5.33
4" X 1-1/2"	5.098	2.441	4.398	0.69	0.50	0.26	5.33
4" X 2"	5.098	2.972	4.398	0.69	0.56	0.26	5.34
4" X 2-1/2"	5.098	3.346	4.398	0.69	0.56	0.26	5.33
4" X 3"	5.098	4.134	4.398	0.69	0.56	0.26	5.33

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