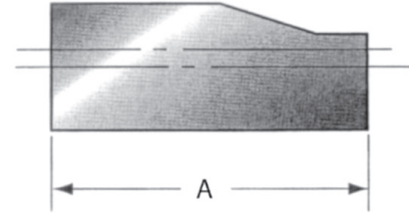
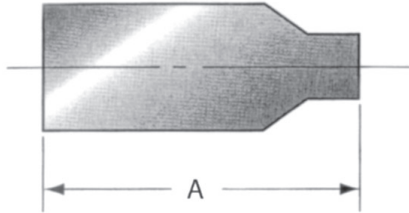


# STAINLESS STEEL SWAGE NIPPLES

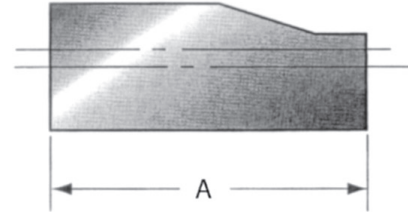
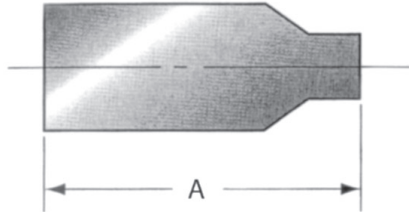


Nominal Pipe Size (NPS)	Outside Diameter		End to End "A"
	Large End	Small End	
0.25 X 0.12	0.540	0.405	2.25
0.38 X 0.12	0.675	0.405	2.50
0.38 X 0.25	0.675	0.540	2.50
0.50 X 0.12	0.840	0.405	2.75
0.50 X 0.25	0.840	0.540	2.75
0.50 X 0.38	0.840	0.675	2.75
0.75 X 0.12	1.050	0.405	3.00
0.75 X 0.25	1.050	0.540	3.00
0.75 X 0.38	1.050	0.675	3.00
0.75 X 0.50	1.050	0.840	3.00
1.00 X 0.12	1.315	0.405	3.50
1.00 X 0.25	1.315	0.540	3.50
1.00 X 0.38	1.315	0.675	3.50
1.00 X 0.50	1.315	0.840	3.50
1.00 X 0.75	1.315	1.050	3.50
1.25 X 0.12	1.660	0.405	4.00
1.25 X 0.25	1.660	0.540	4.00
1.25 X 0.38	1.660	0.675	4.00
1.25 X 0.50	1.660	0.840	4.00
1.25 X 0.75	1.660	1.050	4.00
1.25 X 1.00	1.660	1.315	4.00
1.50 X 0.12	1.900	0.405	4.50
1.50 X 0.25	1.900	0.540	4.50

Nominal Pipe Size (NPS)	Outside Diameter		End to End "A"
	Large End	Small End	
1.50 X 0.38	1.900	0.675	4.50
1.50 X 0.50	1.900	0.840	4.50
1.50 X 0.75	1.900	1.050	4.50
1.50 X 1.00	1.900	1.315	4.50
1.50 X 1.25	1.900	1.660	4.50
2.00 X 0.12	2.375	0.405	6.50
2.00 X 0.25	2.375	0.540	6.50
2.00 X 0.38	2.375	0.675	6.50
2.00 X 0.50	2.375	0.840	6.50
2.00 X 0.75	2.375	1.050	6.50
2.00 X 1.00	2.375	1.315	6.50
2.00 X 1.25	2.375	1.660	6.50
2.00 X 1.50	2.375	1.900	6.50
2.50 X 0.12	2.875	0.405	7.00
2.50 X 0.38	2.875	0.675	7.00
2.50 X 0.50	2.875	0.840	7.00
2.50 X 0.75	2.875	1.050	7.00
2.50 X 1.00	2.875	1.315	7.00
2.50 X 1.25	2.875	1.660	7.00
2.50 X 1.50	2.875	1.900	7.00
2.50 X 2.00	2.875	2.375	7.00
3.00 X 0.12	3.500	0.405	8.00

Dimensions are in inches.  
Spec to MSS SP-95

# STAINLESS STEEL SWAGE NIPPLES

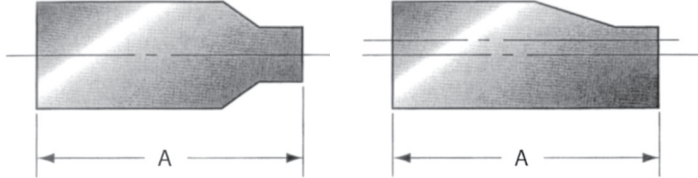


Nominal Pipe Size (NPS)	Outside Diameter		End to End "A"
	Large End	Small End	
3.00 X 0.25	3.500	0.540	8.00
3.00 X 0.38	3.500	0.675	8.00
3.00 X 0.50	3.500	0.840	8.00
3.00 X 0.75	3.500	1.050	8.00
3.00 X 1.00	3.500	1.315	8.00
3.00 X 1.25	3.500	1.660	8.00
3.00 X 1.50	3.500	1.900	8.00
3.00 X 2.00	3.500	2.375	8.00
3.00 X 2.50	3.500	2.875	8.00
3.50 X 0.12	4.000	0.405	8.00
3.50 X 0.25	4.000	0.540	8.00
3.50 X 0.38	4.000	0.675	8.00
3.50 X 0.50	4.000	0.840	8.00
3.50 X 0.75	4.000	1.050	8.00
3.50 X 1.00	4.000	1.315	8.00
3.50 X 1.25	4.000	1.660	8.00
3.50 X 1.50	4.000	1.900	8.00
3.50 X 2.00	4.000	2.375	8.00
3.50 X 2.50	4.000	2.875	8.00
3.50 X 3.00	4.000	3.500	8.00
4.00 X 0.25	4.500	0.540	9.00
4.00 X 0.38	4.500	0.675	9.00
4.00 X 0.50	4.500	0.840	9.00

Nominal Pipe Size (NPS)	Outside Diameter		End to End "A"
	Large End	Small End	
4.00 X 0.75	4.500	1.050	9.00
4.00 X 1.00	4.500	1.315	9.00
4.00 X 1.25	4.500	1.660	9.00
4.00 X 1.50	4.500	1.900	9.00
4.00 X 2.00	4.500	2.375	9.00
4.00 X 2.50	4.500	2.875	9.00
4.00 X 3.00	4.500	3.500	9.00
4.00 X 3.50	4.500	4.000	9.00
5.00 X 0.25	5.563	0.540	11.00
5.00 X 0.38	5.563	0.675	11.00
5.00 X 0.50	5.563	0.840	11.00
5.00 X 0.75	5.563	1.050	11.00
5.00 X 1.00	5.563	1.315	11.00
5.00 X 1.25	5.563	1.660	11.00
5.00 X 1.50	5.563	1.900	11.00
5.00 X 2.00	5.563	2.375	11.00
5.00 X 2.50	5.563	2.875	11.00
5.00 X 3.00	5.563	3.500	11.00
5.00 X 3.50	5.563	4.000	11.00
5.00 X 4.00	5.563	4.500	11.00
6.00 X 0.50	6.625	0.840	12.00
6.00 X 0.75	6.625	1.050	12.00
6.00 X 1.00	6.625	1.315	12.00

Dimensions are in inches.  
Spec to MSS SP-95

# STAINLESS STEEL SWAGE NIPPLES



Nominal Pipe Size (NPS)	Outside Diameter		End to End "A"
	Large End	Small End	
6.00 X 1.25	6.625	1.660	12.00
6.00 X 1.50	6.625	1.900	12.00
6.00 X 2.00	6.625	2.375	12.00
6.00 X 2.50	6.625	2.875	12.00
6.00 X 3.00	6.625	3.500	12.00
6.00 X 3.50	6.625	4.000	12.00
6.00 X 4.00	6.625	4.500	12.00
6.00 X 5.00	6.625	5.563	12.00
8.00 X 1.00	8.625	1.315	13.00
8.00 X 1.25	8.625	1.660	13.00
8.00 X 1.50	8.625	1.900	13.00
8.00 X 2.00	8.625	2.375	13.00
8.00 X 2.50	8.625	2.875	13.00
8.00 X 3.00	8.625	3.500	13.00
8.00 X 3.50	8.625	4.000	13.00
8.00 X 4.00	8.625	4.500	13.00
8.00 X 5.00	8.625	5.563	13.00
8.00 X 6.00	8.625	6.625	13.00
10.00 X 2.00	10.750	2.375	15.00
10.00 X 2.50	10.750	2.875	15.00
10.00 X 3.00	10.750	3.500	15.00
10.00 X 3.50	10.750	4.000	15.00
10.00 X 4.00	10.750	4.500	15.00

Nominal Pipe Size (NPS)	Outside Diameter		End to End "A"
	Large End	Small End	
10.00 X 5.00	10.750	5.563	15.00
10.00 X 6.00	10.750	6.625	15.00
10.00 X 8.00	10.750	8.625	15.00
12.00 X 2.00	12.750	2.375	16.00
12.00 X 2.50	12.750	2.875	16.00
12.00 X 3.00	12.750	3.500	16.00
12.00 X 3.50	12.750	4.000	16.00
12.00 X 4.00	12.750	4.500	16.00
12.00 X 5.00	12.750	5.563	16.00
12.00 X 6.00	12.750	6.625	16.00
12.00 X 8.00	12.750	8.625	16.00
12.00 X 10.00	12.750	10.750	16.00

Nominal Pipe Size (NPS)	Overall Length (inches)	Outside Diameter		Wall Thickness (See note 1)
		Square Cut Ends (inches)	Other End Connections (inches)	
0.12 – 0.38	±0.060	+0.015	±0.030	Not less than 87.5% of nominal wall thickness
		-0.030		
0.50 – 1.50	±0.060	+0.015	+0.060	
		-0.030	-0.030	
2.00 – 2.50	±0.120	±0.030	+0.060	
			-0.030	
3.00 – 4.00	±0.120	±0.030	±0.060	
5.00 – 6.00	±0.190	+0.090	+0.090	
		-0.060	-0.060	
8.00 – 12.00	±0.250	+0.160	+0.160	
		-0.120	-0.120	

Dimensions are in inches.  
Spec to MSS SP-95

Note 1: Prior to threading or grooving