



 Anupam metals India

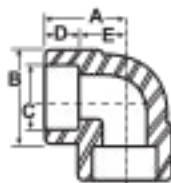
Shine across the world



Forged Fittings



SW 90 Degree Elbow



DIMENSIONAL DRAWING

■ For Chemical, Mechanical & Heat treatment requirements of stainless Steel, Forged Fitting refer page 164-173

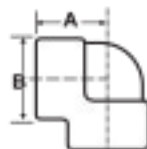
■ For Chemical & Mechanical requirements of Carbon Steel, Forged Fitting refer page 174

Class 3000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	7/8	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	3	3 3/8	4 3/16
	B	29/32	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/16	4 5/16	5 3/4
	C	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	5/8	5/8	5/8	3/4
	E	7/16	7/16	17/32	5/8	3/4	7/8	1 1/16	1 1/4	1 1/2	1 5/8	2 1/4	2 5/8
	Wt	0.125	0.183	0.270	0.460	0.698	0.987	1.480	2.088	3.125	6.340	10.867	25.000

Class 6000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	-	-	-	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 1/2
	B	-	-	-	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	6
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	-	-	-	3/8	1/2	1/2	1/2	1/2	5/8	5/8	5/8	3/4
	E	-	-	-	3/4	7/8	1 1/16	1 1/4	1 1/2	1 5/8	2 1/4	2 1/2	2 3/4
	Wt	-	-	-	0.938	1.440	2.348	3.188	5.250	6.660	11.875	19.250	32.700

Class 9000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	-	-	-	1 1/2	1 3/4	2	2 3/8	2 1/2	3	-	-	-
	B	-	-	-	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	3 11/16	-	-	-
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406	-	-	-
	D	-	-	-	3/8	1/2	1/2	1/2	1/2	5/8	-	-	-
	E	-	-	-	1	1 1/8	1 1/4	1 3/8	1 1/2	2 1/8	-	-	-
	Wt	-	-	-	1.44	2.25	3.19	5.25	6.69	6.69	-	-	-

Threaded 90 Degree Elbow



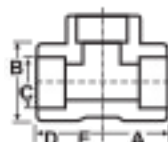
DIMENSIONAL DRAWING

Class 2000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	-	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	3	3 3/8	4 3/16
	B	-	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/16	4 5/16	5 3/4
	Wt	-	0.198	0.283	0.500	0.773	1.013	1.550	2.180	3.140	6.500	10.925	26.675

Class 3000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 1/2
	B	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	6
	Wt	0.236	0.350	0.592	0.973	1.355	2.265	2.407	3.500	5.920	11.900	14.438	31.975

Class 6000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 3/16	4 1/2
	B	1 1/8	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	5 3/4	6
	Wt	0.250	0.625	1.023	1.625	2.625	3.500	6.750	7.500	13.438	20.875	39.050	38.000

SW Tee



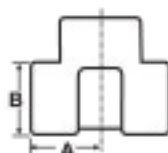
DIMENSIONAL DRAWING

Class 3000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	7/8	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	3	3 3/8	4 3/16
	B	29/32	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/16	4 5/16	5 3/4
	C	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	5/8	5/8	5/8	3/4
	E	7/16	7/16	17/32	5/8	3/4	7/8	1 1/16	1 1/4	1 1/2	1 5/8	2 1/4	2 5/8
	Wt	0.250	0.250	0.345	0.540	0.925	1.307	2.000	2.640	4.070	8.750	12.500	27.800

Class 6000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	-	-	-	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 1/2
	B	-	-	-	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	6
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	-	-	-	3/8	1/2	1/2	1/2	1/2	5/8	5/8	5/8	3/4
	E	-	-	-	3/4	7/8	1 1/16	1 1/4	1 1/2	1 5/8	2 1/4	2 1/2	2 3/4
	Wt	-	-	-	1.375	2.000	3.313	3.750	7.480	8.240	16.625	23.500	33.000

Class 9000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	-	-	-	1 1/2	1 3/4	2	2 3/8	2 1/2	3	-	-	-
	B	-	-	-	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	3 11/16	-	-	-
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406	-	-	-
	D	-	-	-	3/8	1/2	1/2	1/2	1/2	5/8	-	-	-
	E	-	-	-	1	1 1/8	1 1/4	1 3/8	1 1/2	2 1/8	-	-	-
	Wt	-	-	-	2.00	3.31	3.75	6.50	7.88	8.75	-	-	-

Threaded Tee



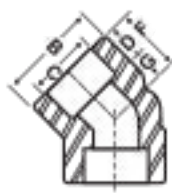
DIMENSIONAL DRAWING

Class 2000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	-	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	3	3 3/8	4 3/16
	B	-	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/16	4 5/16	5 3/4
	Wt	-	0.267	0.373	0.613	0.983	1.355	2.030	2.800	4.456	9.530	12.908	28.700

Class 3000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 1/2
	B	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	6
	Wt	0.325	0.460	0.753	1.270	1.830	3.025	3.620	7.040	7.550	13.125	23.100	40.000

Class 6000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 3/16	4 1/2
	B	1 1/8	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	5 3/4	6
	Wt	0.500	0.853	1.410	2.150	3.583	4.625	7.625	9.625	18.500	28.063	47.500	50.000

SW 45 Degree Elbow



DIMENSIONAL DRAWING

Class 3000 Schedule 40 Bore		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	29/32	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/16	4 5/16	5 3/4
	C	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	5/8	5/8	5/8	3/4
	F	3/4	3/4	3/4	1	1 1/8	1 1/4	1 5/16	1 3/8	1 11/16	2 1/16	2 1/2	3 1/8
	G	5/16	5/16	5/16	7/16	1/2	9/16	11/16	13/16	1	1 1/8	1 1/4	1 5/8
	Wt	0.125	0.198	0.210	0.440	0.673	0.935	1.365	1.630	2.710	6.750	10.500	18.188

Class 6000 Schedule 160 Bore		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	-	-	-	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	6
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	-	-	-	3/8	1/2	1/2	1/2	1/2	5/8	5/8	5/8	3/4
	F	-	-	-	1 1/8	1 1/4	1 5/16	1 3/8	1 11/16	1 3/4	2 1/16	2 1/2	3 1/8
	G	-	-	-	1/2	9/16	11/16	13/16	1	1 1/8	1 1/4	1 3/8	1 5/8
	Wt	-	-	-	0.875	1.313	1.913	2.270	4.313	4.813	9.625	14.250	27.250

Class 9000 XXS Bore		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	-	-	-	1 27/32	2 7/32	2 1/2	3 1/32	3 3/8	4	-	-	-
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406	-	-	-
	D	-	-	-	5/8	9/16	9/16	13/16	3/4	15/16	-	-	-
	F	-	-	-	1 1/4	1 5/16	1 3/8	1 11/16	1 3/4	2 1/16	-	-	-
	G	-	-	-	5/8	3/4	13/16	7/8	1	1 1/8	-	-	-
	Wt	-	-	-	1.31	2.06	2.5	4.31	4.81	9.62	-	-	-

Threaded 45 Degree Elbow



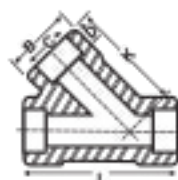
DIMENSIONAL DRAWING

Class 2000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	-	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/16	4 5/16	5 3/4
	F	-	3/4	3/4	1	1 1/8	1 1/4	1 5/16	1 3/8	1 11/16	2 1/16	2 1/2	3 1/8
	Wt	-	0.188	0.236	0.435	0.740	1.058	1.375	1.740	2.883	7.750	11.313	19.125

Class 3000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	6
	F	3/4	3/4	1	1 1/8	1 1/4	1 5/16	1 3/8	1 11/16	1 3/4	2 1/16	2 1/2	3 1/8
	Wt	0.250	0.290	0.500	0.750	1.188	1.988	2.235	3.000	4.930	7.375	13.588	19.063

Class 6000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	1 1/8	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	5 3/4	-
	F	3/4	1	1 1/8	1 1/4	1 5/16	1 3/8	1 11/16	1 3/4	2 1/16	2 1/2	3 1/8	-
	Wt	0.250	0.640	0.500	1.438	2.188	2.785	4.688	5.750	9.500	15.000	30.563	-

SW Lateral



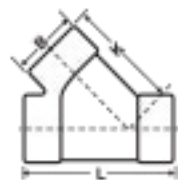
DIMENSIONAL DRAWING

Class 3000		1/2	3/4	1	1 1/4	1 1/2	2
	B	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32
	C	0.855	1.065	1.330	1.675	1.915	2.406
	D	3/8	1/2	1/2	1/2	1/2	5/8
	K	2 1/8	2 9/16	3	3 1/2	3 15/16	4 3/4
	L	3	3 9/16	4 1/8	4 13/16	5 3/8	6 7/16
	Wt	1.000	1.500	2.375	3.750	4.125	6.285

Class 6000		1/2	3/4	1	1 1/4	1 1/2	
	B	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	
	C	0.855	1.065	1.330	1.675	1.915	
	D	3/8	1/2	1/2	1/2	1/2	
	K	2 9/16	3	3 1/2	3 15/16	4 3/4	
	L	3 9/16	4 1/8	4 13/16	5 3/8	6 7/16	
	Wt	2.000	3.063	5.125	6.250	11.938	

Class 9000 XXS Bore		1/2	3/4	1	1 1/4	1 1/2	2
	B	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	-
	C	0.855	1.065	1.330	1.675	1.915	-
	D	9/16	5/8	11/16	7/8	7/8	-
	K	3	3 1/2	3 15/16	4 3/4	5	-
	L	4 1/8	4 13/16	5 3/8	6 7/16	6 5/8	-
	Wt	1.75	2.38	3.75	6.88	6.88	-

Threaded Lateral

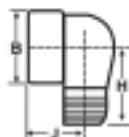


DIMENSIONAL DRAWING

Class 3000		1/2	3/4	1	1 1/4	1 1/2	2
	B	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32
	K	2 9/16	3	3 1/2	3 15/16	4 3/4	5
	L	3 9/16	4 1/8	4 13/16	5 3/8	6 7/16	6 5/8
	Wt	1.750	2.750	4.625	5.500	10.813	9.500

Class 6000		1/2	3/4	1	1 1/4	1 1/2	
	B	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	
	K	3	3 1/2	3 15/16	4 3/4	5	
	L	4 1/8	4 13/16	5 3/8	6 7/16	6 5/8	
	Wt	3.250	5.438	7.188	12.313		

Threaded Street Elbow

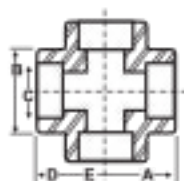


DIMENSIONAL DRAWING

Class 3000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	B	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32
	H	1 1/4	1 1/4	1 1/2	1 5/8	1 7/8	2 1/4	2 5/8	2 15/16	3 5/16
	J	7/8	7/8	1	1 1/8	1 3/8	1 3/4	2	2 1/8	2 1/2
	Wt	0.264	0.242	0.375	0.595	1.048	1.438	2.340	3.000	5.461

Class 6000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	
	B	1 1/8	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	
	H	1 1/4	1 1/2	1 5/8	1 7/8	2 1/4	2 5/8	2 15/16	3 5/16	
	J	7/8	1	1 1/8	1 3/8	1 3/4	2	2 1/8	2 1/2	
	Wt		0.375	0.438	1.000	1.625	3.030	3.688	7.120	

SW Cross



DIMENSIONAL DRAWING

Class 3000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	7/8	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	3	3 3/8	4 3/16
	B	29/32	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/16	4 5/16	5 3/4
	C	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	5/8	5/8	5/8	3/4
	E	7/16	7/16	17/32	5/8	3/4	7/8	1 1/16	1 1/4	1 1/2	1 5/8	2 1/4	2 5/8
	Wt	0.250	0.250	0.375	0.813	1.125	1.550	2.250	3.063	5.125	18.000	23.000	40.000

Class 6000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2			
	A	-	-	-	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2			
	B	-	-	-	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32			
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406			
	D	-	-	-	3/8	1/2	1/2	1/2	1/2	5/8			
	E	-	-	-	3/4	7/8	1 1/16	1 1/4	1 1/2	1 5/8			
	Wt	-	-	-	1.500	2.500	3.460	5.250	8.750	9.438			

Class 9000 XXS Bore		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	-	-	-	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	-	-	-
	B	-	-	-	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	-	-	-
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406	-	-	-
	D	-	-	-	1/2	5/8	3/4	1	1	1 1/8	-	-	-
	E	-	-	-	1	1 1/8	1 1/4	1 3/8	1 1/2	2 1/8	-	-	-
	Wt	-	-	-	2.50	4.12	4.12	5.12	9.44	22.19	-	-	-

Threaded Cross

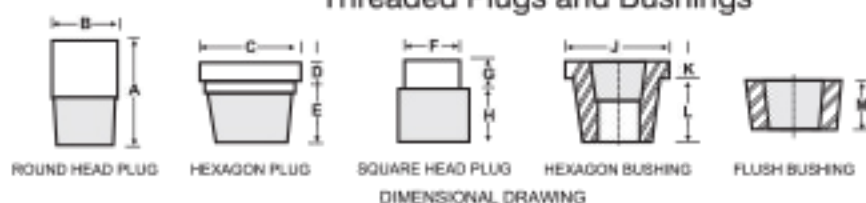


Class 2000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	-	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	3	3 3/8	4 3/16
	B	-	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/16	4 5/16	5 3/4
	Wt	-	0.500	0.460	0.777	1.125	1.688	2.450	3.188	5.580	16.438	19.500	32.688

Class 3000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 1/2
	B	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	6
	Wt	0.438	0.567	0.970	1.500	2.500	3.620	4.125	6.500	8.125	16.750	25.675	32.000

Class 6000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 3/16	4 1/2
	B	1 1/8	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	5 3/4	6
	Wt	0.563	1.188	1.500	2.750	4.313	6.625	10.750	11.500	22.188	27.500	54.000	43.500

Threaded Plugs and Bushings

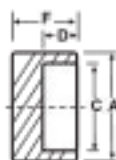


Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
A	1 3/8	1 5/8	1 5/8	1 3/4	1 3/4	2	2	2	2 1/2	2 3/4	2 3/4	3
B	13/32	17/32	11/16	27/32	1 1/16	1 5/16	1 11/16	1 29/32	2 3/8	2 7/8	3 1/2	4 1/2
C*	7/16	5/8	11/16	7/8	1 1/16	1 7/16	1 13/16	2	2 1/2	3	3 3/4	4 5/8
D	1/4	1/4	5/16	5/16	3/8	3/8	9/16	5/8	11/16	3/4	13/16	1 1/4
E	7/16	1/2	9/16	11/16	3/4	27/32	7/8	15/16	1	1 1/4	1 9/16	1 21/32
F	9/32	3/8	7/16	9/16	5/8	13/16	15/16	1 1/8	1 5/16	1 1/2	1 11/16	2 1/2
G	1/4	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	1 1/4
H	3/8	7/16	1/2	9/16	5/8	3/4	13/16	13/16	7/8	1 1/16	1 1/8	1 3/8
J*		5/8	11/16	7/8	1 1/16	1 7/16	1 13/16	2	2 1/2	3	3 3/4	4 5/8
K		3/16	3/16	3/16	1/4	1/4	3/8	3/8	3/8	1/2	13/16	1 1/4
L		1/2	9/16	11/16	3/4	27/32	7/8	15/16	1	1 1/4	1 9/16	1 21/32
M			7/16	1/2	9/16	5/8	3/4	13/16	13/16	7/8	1 1/16	1 1/8
N		3/8	7/16	1/2	9/16	5/8	3/4	13/16	13/16	7/8	1 1/16	1 1/8

*Dimension J for Hex Head Bushing and dimension C for Hex Head Plug are the same.

Weights	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
Round Head Plugs	0.125	0.125	0.188	0.250	0.375	0.750	1.125	1.563	3.000	4.750	7.620	12.870
Hexagon Plugs	0.063	0.063	0.125	0.188	0.313	0.500	1.125	1.375	2.250	3.870	5.870	13.000
Square Head Plugs	0.016	0.031	0.063	0.125	0.188	0.313	0.563	0.875	1.500	2.250	2.870	7.180
Hexagon Bushings		0.063	0.063	0.063	0.125	0.188	0.375	0.688	1.620	2.370	3.500	8.310
Flush Bushings		0.063	0.063	0.063	0.125	0.125	0.125	0.188	0.370	0.620	1.000	2.000

SW Pipe Cap

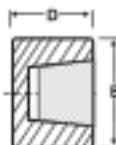


DIMENSIONAL DRAWING

Class 3000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	3/4	7/8	1 1/16	1 1/4	1 1/2	1 13/16	2 1/4	2 1/2	3	3 5/8	4 5/16	5 1/2
	C	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	7/16	7/16	7/16	1/2	9/16	5/8	11/16	3/4	7/8	7/8	1	1 1/8
	F	11/16	3/4	3/4	7/8	1	1 1/16	1 3/16	1 1/4	1 1/2	1 9/16	1 13/16	2 1/16
	Wt	0.063	0.063	0.125	0.188	0.313	0.375	0.813	1.125	1.688	3.000	3.625	6.688

Class 6000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	-	-	-	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	-	-	-	1/2	9/16	5/8	11/16	3/4	7/8	7/8	1	1 1/8
	F	-	-	-	1	1 1/16	1 1/4	1 5/16	1 3/8	1 5/8	1 11/16	1 15/16	2 5/16
	Wt	-	-	-	0.375	0.500	1.125	1.125	2.250	3.500	5.625	6.000	13.500

Threaded Pipe Cap

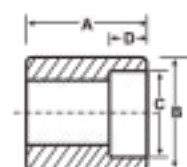


DIMENSIONAL DRAWING

Class 3000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	3/4	3/4	7/8	1 1/8	1 3/8	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5 1/2
	D	15/16	1	1	1 1/4	1 7/16	1 5/8	1 3/4	1 3/4	1 7/8	2 3/8	2 9/16	2 11/16
	Wt	0.031	0.063	0.125	0.250	0.313	0.500	1.000	1.625	3.125	5.000	8.500	14.000

Class 6000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	7/8	1	1 1/4	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
	D	1	1 1/16	1	1 5/16	1 1/2	1 11/16	1 13/16	1 7/8	2	2 1/2	2 11/16	2 15/16
	Wt	0.125	0.125	0.188	0.313	0.438	0.750	1.313	1.688	3.250	8.100	11.700	14.250

SW Half Coupling



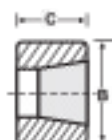
DIMENSIONAL DRAWING

Class 3000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	1 1/8	1 1/8	1 1/8	1 3/8	1 1/2	1 3/4	1 7/8	2	2 1/2	2 1/2	2 3/4	3
	B	3/4	7/8	1 1/16	1 1/4	1 1/2	1 13/16	2 1/4	2 1/2	3	3 5/8	4 5/16	5 1/2
	C	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	7/16	7/16	7/16	1/2	9/16	5/8	11/16	3/4	7/8	7/8	1	1 1/8
	Wt	0.125	0.125	0.125	0.188	0.313	0.583	0.813	1.000	2.000	2.625	3.875	6.625

Class 6000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	-	-	-	1 3/8	1 1/2	1 3/4	1 7/8	2	2 1/2	2 1/2	2 3/4	3
	B	-	-	-	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	-	-	-	1/2	9/16	5/8	11/16	3/4	7/8	7/8	1	1 1/8
	Wt	-	-	-	0.375	0.563	1.000	1.438	2.000	3.875	5.500	6.625	13.125

Class 9000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2			
	A	-	-	-	1 3/8	1 1/2	1 3/4	1 7/8	2	2 1/2			
	B	-	-	-	1 13/16	2	2 3/8	2 3/4	3 1/16	3 5/8			
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406			
	D	-	-	-	1/2	9/16	5/8	11/16	3/4	7/8			
	Wt	-	-	-	0.88	1.16	1.88	2.50	3.25	5.38			

Threaded Half Coupling

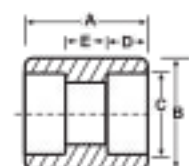


DIMENSIONAL DRAWING

Class 3000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	3/4	3/4	7/8	1 1/8	1 3/8	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5 1/2
	C	5/8	11/16	3/4	15/16	1	1 3/16	1 5/16	1 9/16	1 11/16	1 13/16	2 1/8	2 3/8
	Wt	0.063	0.063	0.188	0.188	0.250	0.313	0.750	1.125	1.563	2.000	3.375	8.375

Class 6000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	B	7/8	1	1 1/4	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
	C	5/8	11/16	3/4	15/16	1	1 3/16	1 5/16	1 9/16	1 11/16	1 13/16	2 1/8	2 3/8
	Wt	0.094	0.094	0.125	0.250	0.500	1.063	1.188	2.188	3.875	5.375	6.750	12.250

SW Coupling



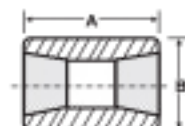
DIMENSIONAL DRAWING

Class 3000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	1 1/32	1 1/32	1 1/32	1 3/16	1 13/32	1 33/64	1 33/64	1 33/64	2 1/64	2 1/64	2 1/64	2 17/64
	B	3/4	7/8	1 1/16	1 1/4	1 1/2	1 13/16	2 1/4	2 1/2	2 3	3 5/8	4 5/16	5 1/2
	C	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	7/16	7/16	7/16	1/2	9/16	5/8	11/16	3/4	7/8	7/8	1	1 1/8
	E	1/4	1/4	1/4	3/8	3/8	1/2	1/2	1/2	3/4	3/4	3/4	3/4
	Wt	0.125	0.125	0.125	0.188	0.313	0.563	0.813	1.000	2.000	2.625	3.875	6.625

Class 6000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	1 1/16	1 1/8	1 1/8	1 5/32	1 13/32	1 33/64	1 33/64	1 33/64	2 1/64	2 1/64	2 1/64	2 17/64
	B	7/8	1 1/16	1 5/16	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
	C	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	7/16	7/16	7/16	1/2	9/16	5/8	11/16	3/4	7/8	7/8	1	1 1/8
	E	1/4	1/4	1/4	3/8	3/8	1/2	1/2	1/2	3/4	3/4	3/4	3/4
	Wt	-	-	-	0.375	0.563	1.000	1.438	2.000	3.875	5.500	6.625	13.125

Class 9000 XXS Bore	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2			
	A	-	-	-	1 3/8	1 1/2	1 3/4	1 7/8	2	2 1/2			
	B	-	-	-	1 13/16	2	2 3/8	2 3/4	3 1/16	3 5/8			
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406			
	D	-	-	-	1/2	9/16	5/8	11/16	3/4	7/8			
	E	-	-	-	3/8	3/8	1/2	1/2	1/2	3/4			
	Wt	-	-	-	0.75	1.06	1.69	2.22	2.81	4.66			

Threaded Coupling

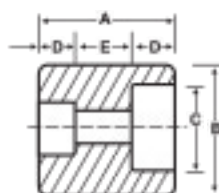


DIMENSIONAL DRAWING

Class 3000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	1 1/4	1 3/8	1 1/2	1 7/8	2	2 3/8	2 5/8	3 1/8	3 3/8	3 5/8	4 1/4	4 3/4
	B	3/4	3/4	7/8	1 1/8	1 3/8	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5 1/2
	Wt	0.125	0.125	0.250	0.250	0.438	0.625	1.563	2.188	3.125	4.000	6.750	16.750

Class 6000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	1 1/4	1 3/8	1 1/2	1 7/8	2	2 3/8	2 5/8	3 1/8	3 3/8	3 5/8	4 1/4	4 3/4
	B	7/8	1	1 1/4	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
	Wt	0.188	0.188	0.250	0.500	1.000	2.125	2.375	4.375	7.750	10.750	13.500	24.500

SW Reducer



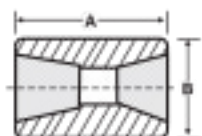
DIMENSIONAL DRAWING

Class 3000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	1 1/32	1 1/32	1 1/32	1 3/16	1 13/32	1 33/64	1 33/64		2 1/64	1 33/64	2 1/64	2 17/64
	B	3/4	7/8	1 1/16	1 1/4	1 1/2	1 13/16	2 1/4	2 1/2	3	3 5/8	4 5/16	5 1/2
	C	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	7/16	7/16	7/16	1/2	9/16	5/8	11/16	3/4	7/8	7/8	1	1 1/8
	E	1/4	1/4	1/4	3/8	3/8	1/2	1/2	1/2	3/4	3/4	3/4	3/4
	Wt	0.125	0.125	0.125	0.188	0.313	0.563	0.813	1.000	2.000	2.625	3.875	6.625

Class 6000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	1 1/16	1 1/8	1 1/8	1 5/32	1 13/32	1 33/64	1 33/64		2 1/64	1 33/64	2 1/64	2 17/64
	B	7/8	1 1/16	1 5/16	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
	C	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D	7/16	7/16	7/16	1/2	9/16	5/8	11/16	3/4	7/8	7/8	1	1 1/8
	E	1/4	1/4	1/4	3/8	3/8	1/2	1/2	1/2	3/4	3/4	3/4	3/4
	Wt	-	-	-	0.375	0.563	1.000	1.438	2.000	3.875	5.500	6.625	13.125

Class 9000 XXS Bore	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2			
	A	-	-	-	1 3/8	1 1/2	1 3/4	1 7/8	2	2 1/2			
	B	-	-	-	1 13/16	2	2 3/8	2 3/4	3 1/16	3 5/8			
	C	-	-	-	0.855	1.065	1.330	1.675	1.915	2.406			
	D	-	-	-	1/2	9/16	5/8	11/16	3/4	7/8			
	E	-	-	-	3/8	3/8	1/2	1/2	1/2	3/4			
	Wt	-	-	-	0.75	1.06	1.69	2.22	2.81	4.66			

Threaded Reducer

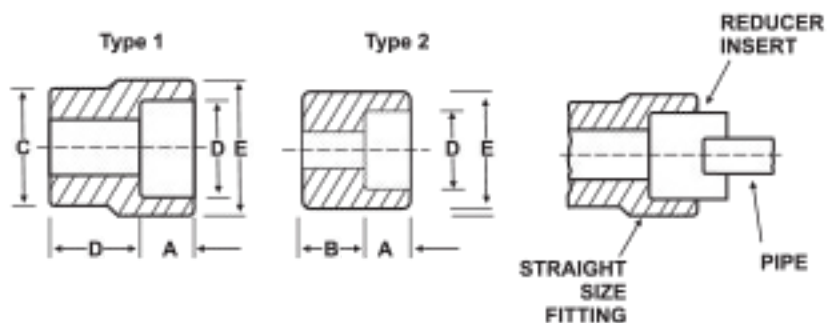


DIMENSIONAL DRAWING

Class 3000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	1 1/4	1 3/8	1 1/2	1 7/8	2	2 3/8	2 5/8	3 1/8	3 3/8	3 5/8	4 1/4	4 3/4
	B	3/4	3/4	7/8	1 1/8	1 3/8	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5 1/2
	Wt	0.125	0.125	0.250	0.250	0.438	0.625	1.563	2.188	3.125	4.000	6.750	16.750

Class 6000	Nominal Pipe Size	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	-	1 3/8	1 1/2	1 7/8	2	2 3/8	2 5/8	3 1/8	3 3/8	3 5/8	4 1/4	4 3/4
	B	-	1	1 1/4	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
	Wt	-	0.188	0.250	0.500	1.000	2.125	2.375	4.375	7.750	10.750	13.500	24.500

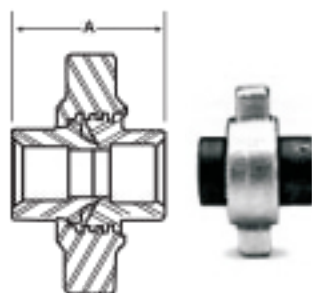
SW Reducer Inserts



DIMENSIONAL DRAWING

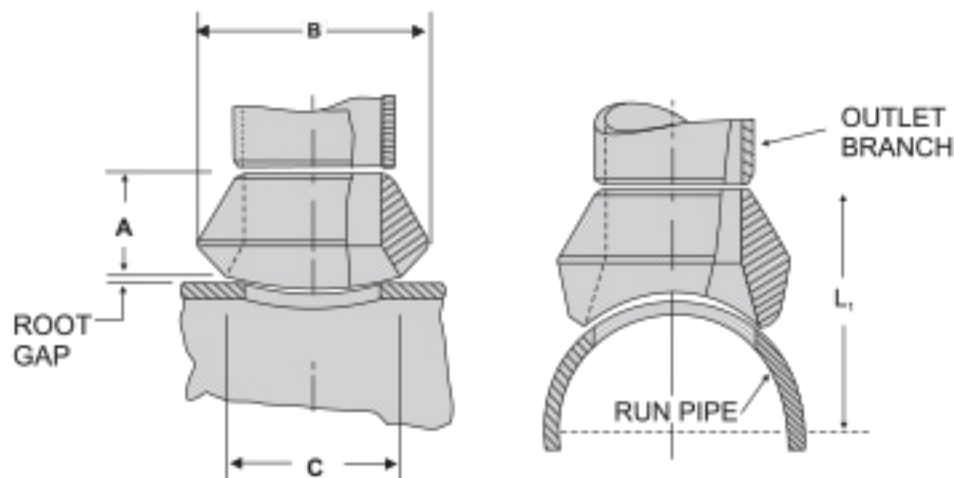
			Class 3000				Class 6000				Class 9000			
Nominal Pipe Size	C	D	Fitting Type	A	B	E	Fitting Type	A	B	E	Fitting Type	A	B	E
3/8 x 1/4	0.675	0.555	1	7/16	3/4	15/16	1	7/16	7/8	1				
1/2 x 3/8	0.850	0.690	1	7/16	13/16	1 1/16	1	7/16	15/16	1 3/16				
1/2 x 1/4	0.850	0.555	1	7/16	13/16	15/16	1	7/16	7/8	1				
3/4 x 1/2	1.060	0.855	1	7/16	7/8	1 5/16	1	7/16	1 1/16	1 3/8	1	7/16	1 3/16	1 3/4
3/4 x 3/8	1.060	0.690	2	7/16	5/8	-	1	7/16	7/8	1 3/16				
3/4 x 1/4	1.060	0.555	2	3/8	11/16	-	2	3/8	7/8	-				
1 x 3/4	1.325	1.065	1	9/16	15/16	1 1/2	1	9/16	1 1/8	1 11/16	1	9/16	1 1/4	2
1 x 1/2	1.325	0.855	2	1/2	5/8	-	1	7/16	1 1/8	1 3/8	1	7/16	1 1/8	1 3/4
1 x 3/8	1.325	0.690	2	7/16	11/16	-	2	1/2	7/8	-				
1 x 1/4	1.325	0.555	2	3/8	3/4	-	2	3/8	15/16	-				
1 1/4 x 1	1.670	1.330	1	9/16	1	1 7/8	1	9/16	1 3/16	2	1	9/16	1 3/8	2 3/8
1 1/4 x 3/4	1.670	1.065	2	9/16	11/16	-	2	9/16	13/16	-	1	9/16	1 3/16	2
1 1/4 x 1/2	1.670	0.855	2	1/2	3/4	-	2	1/2	7/8	-	2	1/2	7/8	-
1 1/4 x 3/8	1.670	0.690	2	7/16	13/16	-	2	7/16	15/16	-				
1 1/4 x 1/4	1.670	0.555	2	3/8	7/8	-	2	3/8	1	-				
1 1/2 x 1 1/4	1.910	1.675	1	9/16	1 1/8	2 1/4	1	9/16	1 3/8	2 3/8	1	9/16	1 5/8	2 3/4
1 1/2 x 1	1.910	1.330	2	5/8	11/16	-	1	9/16	1 3/16	2	1	9/16	1 3/8	2 3/8
1 1/2 x 3/4	1.910	1.065	2	9/16	3/4	-	2	9/16	1	-	2	9/16	1	-
1 1/2 x 1/2	1.910	0.855	2	1/2	13/16	-	2	1/2	1 1/16	-	2	9/16	1	-
1 1/2 x 3/8	1.910	0.690	2	7/16	7/8	-	2	7/16	1 1/8	-				
2 x 1 1/2	2.385	1.915	1	9/16	1 1/4	2 1/2	1	9/16	1 7/8	2 11/16	1	9/16	2 1/16	3
2 x 1 1/4	2.385	1.675	2	11/16	13/16	-	2	7/8	15/16	-	1	9/16	2	2 3/4
2 x 1	2.385	1.330	2	5/8	7/8	-	2	13/16	1	-	2	13/16	1	-
2 x 3/4	2.385	1.065	2	9/16	15/16	-	2	3/4	1 1/16	-	2	3/4	1 1/16	-
2 x 1/2	2.385	0.855	2	1/2	1	-	2	11/16	1 1/8	-	2	11/16	1 1/8	-

Lug Nut Unions



DIMENSIONAL DRAWING

Weldolet Reducing Weight

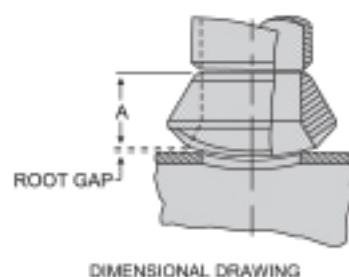


DIMENSIONAL DRAWING

Size (Inches)	Class 3000-A	Class 6000-A
3/8	1.950	2.065
1/2	2.065	2.375
3/4	2.375	2.580
1	2.580	2.950
1 1/4	2.950	3.115
1 1/2	3.115	3.575
2	3.575	4.200
2 1/2	4.200	
3	4.475	
4	8.500	

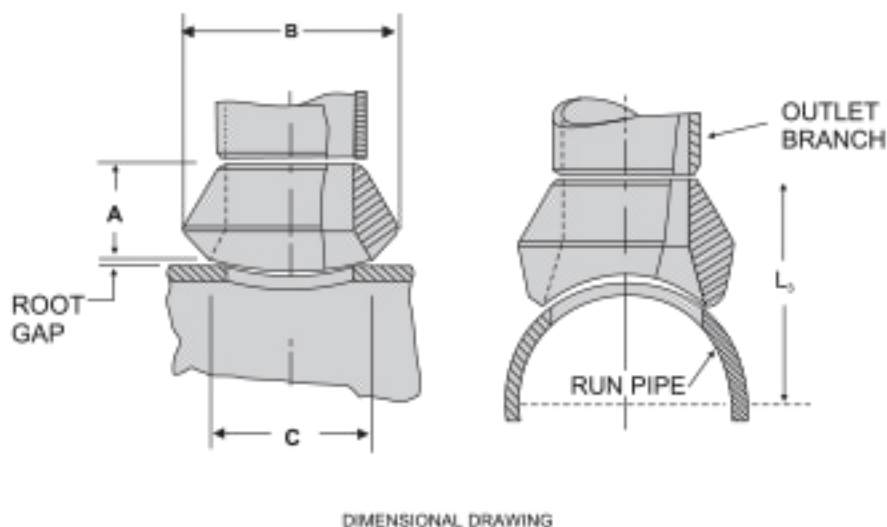
Dimensions				
Outlet Size Inches	A	B	C	Apprx. Weight Pounds
1/8	5/8	1	5/8	0.10
1/4	5/8	1	5/8	0.10
3/8	3/4	1 1/4	3/4	0.15
1/2	3/4	1 3/8	15/16	0.20
3/4	7/8	1 3/4	1 3/16	0.25
1	1 1/16	2 1/8	1 7/16	0.50
1 1/4	1 1/4	2 9/16	1 3/4	0.80
1 1/2	1 5/16	2 7/8	2	1.00
2	1 1/2	3 1/2	2 9/16	1.75
2 1/2	1 5/8	4 1/16	3	2.50
3	1 3/4	4 13/16	3 11/16	4.00
3 1/2	1 7/8	5 5/8	4	5.50
4	2	6	4 3/4	6.30
5	2 1/4	7 1/16	5 9/16	10.25
6	2 3/8	8 1/2	6 11/16	12.00
8	2 3/4	10 3/8	8 11/16	23.00
10	3 1/16	12 11/16	10 13/16	36.00
12	3 3/8	14 7/8	12 13/16	59.00
14	3 1/2	16 1/8	14 1/16	66.00
16	3 11/16	18 1/4	16 1/16	75.00
18	3 13/16	20 1/2	18 1/16	97.00
20	4	22 1/2	20	118.00
24	4 9/16	27 1/8	24 3/16	220.00
26	4 11/16	29 1/16	26 1/4	265.00
30	5 3/8	34 1/16	30 7/16	430.00
36	5 3/8	34 1/16	36 1/2	900.00

Weldolet Size on Size Standard Weight



Outlet Size	Dimensions				Apprx. Weight Pounds
	A	B	C	D	
1/2	3/4	1 3/8	15/16	5/8	0.15
3/4	7/8	1 5/8	1 3/16	13/16	0.25
1	1 1/16	2	1 7/16	1 1/32	0.40
1 1/4	1 1/4	2 3/8	1 3/4	1 3/8	0.70
1 1/2	1 5/16	2 7/8	2	1 5/8	0.80
2	1 1/2	3 1/2	2 9/16	2 1/16	1.50
2 1/2	1 5/8	4 1/8	3	2 7/16	2.25
3	1 3/4	4 13/16	3 11/16	3 1/16	3.75
3 1/2	2	5 3/8	3 7/8	3 9/16	5.00
4	2	6	4 3/4	4	6.70
5	2 1/4	7 1/8	5 9/16	5 1/16	8.50
6	2 3/8	8 1/2	6 11/16	6 1/16	14.00
8	2 3/4	10 3/8	8 11/16	7 15/16	26.00
10	3 1/16	12 9/16	10 13/16	10	39.00
12	3 3/8	14 7/8	12 13/16	12	65.00
14	3 1/2	16 1/8	14 1/16	13 1/4	70.00
16	3 11/16	18 1/4	16 1/16	15 1/4	92.00
18	4 1/16	20 3/4	18 5/8	17 1/4	125.00
20	4 5/8	23 1/16	20 1/16	19 1/4	175.00
24	5 3/8	27 7/8	25 1/8	23 1/4	280.00
30	5 3/8	34 1/16	30 7/16	29 1/4	440.00
36	5 3/8	34 1/16	36 1/2	35 1/4	1180.00

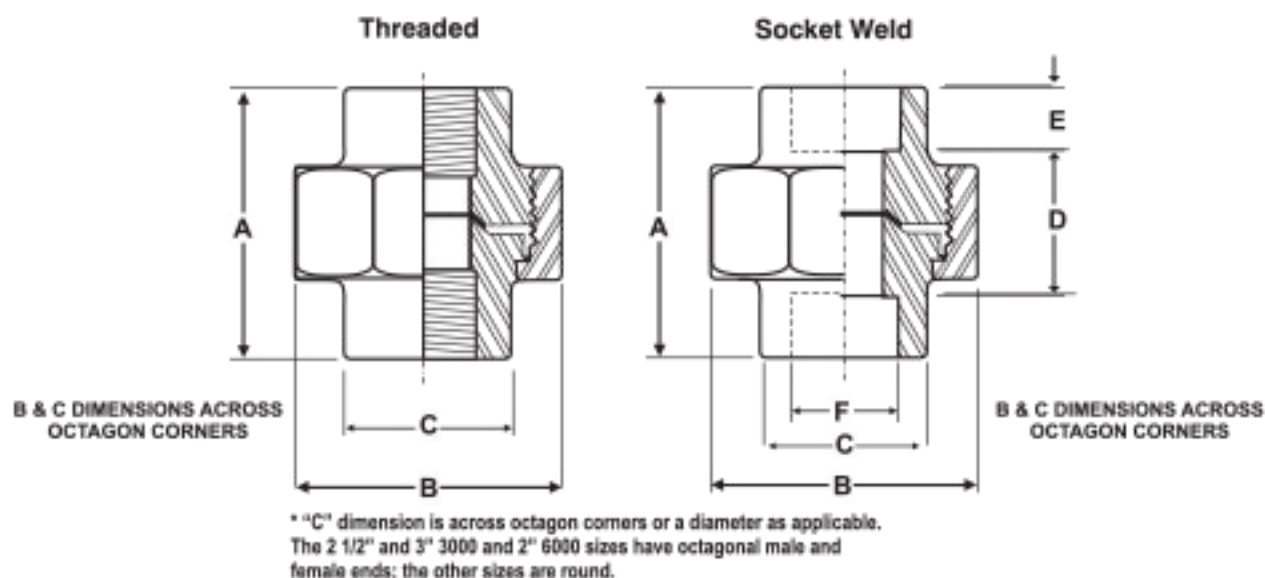
Weldolet Reducing XS



Outlet Size Inches	Dimensions			Apprx. Weight Pounds
	A	B	C	
1/8	5/8	1	5/8	0.10
1/4	5/8	1	5/8	0.10
3/8	3/4	1 1/4	3/4	0.15
1/2	3/4	1 3/8	15/16	0.20
3/4	7/8	1 3/4	1 3/16	0.30
1	1 1/16	2 1/8	1 7/16	0.50
1 1/4	1 1/4	2 9/16	1 3/4	0.90
1 1/2	1 5/16	2 7/8	2	1.10
2	1 1/2	3 1/2	2 9/16	1.75
2 1/2	1 5/8	4 1/16	3	2.60
3	1 3/4	4 13/16	3 11/16	4.10
3 1/2	1 7/8	5 3/8	4	5.60
4	2	6	4 3/4	6.40
5	2 1/4	7 1/16	5 9/16	10.40
6	3 1/16	8 7/8	6 11/16	23.00
8	3 7/8	11 1/2	8 11/16	37.00
10	3 11/16	12 3/4	10 7/16	46.00
12	4 1/16	14 15/16	12 1/2	61.00
14	3 15/16	17	13 13/16	70.00
16	4 3/16	18 3/8	15 7/8	102.00
18	4 3/8	20 3/8	17 15/16	130.00
20	4 11/16	22 15/16	20 1/16	158.00
24	5 1/2	27 7/8	24 3/16	290.00
26	5 3/4	30 1/8	27 1/4	350.00

30, 36 and larger sizes available on application

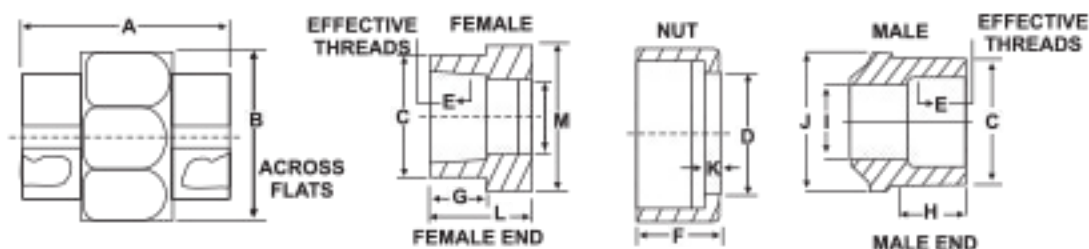
MSS-SP-83 Unions



Dimensional Drawing

Class 3000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	A	1 11/16	1 11/16	1 27/32	2	2 5/16	2 7/16	2 7/8	3	3 1/2	4 1/2	4 7/16
	B	1 31/64	1 31/64	1 11/16	1 15/16	2 3/8	2 25/32	3 23/64	3 23/32	4 27/64	5 15/64	6 5/32
	C	53/64	53/64	1	1 3/16	1 15/32	1 25/32	2 7/32	2 35/64	3 1/16	3 9/16	4 9/32
	D	25/32	25/32	31/32	1 3/32	1 5/32	1 3/8	1 45/64	1 7/8	2 1/16	2 3/8	2 7/16
	E	7/16	7/16	7/16	7/16	9/16	9/16	9/16	9/16	11/16	7/8	1
	F	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535
	Weight/Union (lbs)	0.430	0.565	0.700	0.865	1.075	1.340	1.685	1.925	2.416	2.921	3.550
Class 6000		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2		
	A	1 11/15	1 27/32	2	2 5/16	2 7/16	2 7/8	3	3 1/2	4 1/8		
	B	1 31/64	1 11/16	1 15/16	2 3/8	2 25/32	3 23/64	3 23/32	4 27/64	5 15/64		
	C	53/64	1	1 3/16	1 15/32	1 25/32	2 7/32	2 35/64	3 1/16	3 9/16		
	D	25/32	31/32	1 3/32	1 5/32	1 3/8	1 45/64	1 7/8	2 1/16	2 3/8		
	E	7/16	7/16	7/16	9/16	9/16	9/16	9/16	11/16	7/8		
	F	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406		
	Weight/Union (lbs)	0.430	0.565	0.700	0.865	1.075	1.340	1.685	1.925	2.416		
		0.5	0.56	0.75	1.25	1.75	3	3.75	6	10.5		

Rockwood Unions



DIMENSIONAL DRAWING

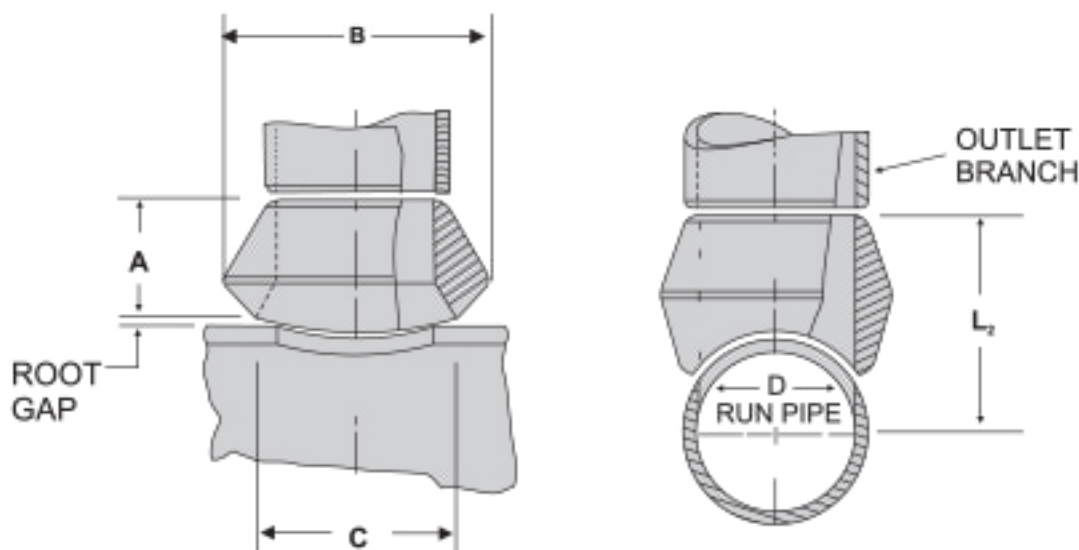
Types 601, 602, and 604

Pipe Size	A	B	C	D	E	F	G	H	I	J	K	L	M	Style Nut
1/8 18-NPT	1 3/4	1 1/4	3/4	51/64	0.264	3/4	1/2	19/32	21/64	29/32	1/8	7/8	1.035	Hex
1/4 18-NPT	1 3/4	1 1/4	3/4	51/64	0.402	3/4	1/2	19/32	3/8	29/32	1/8	7/8	1.035	Hex
3/8 18-NPT	2	1 7/16	7/8	15/16	0.408	13/16	9/16	3/4	1/2	1 1/16	1/8	15/16	1.164	Hex
1/2 14-NPT	2 1/4	1 21/32	1 3/32	1 11/64	0.534	1	11/16	25/32	5/8	1 5/16	3/16	1 1/8	1.437	Hex
3/4 14-NPT	2 7/16	2	1 25/64	1 7/16	0.548	1 1/16	3/4	29/32	27/32	1 37/64	7/32	1 3/16	1.693	Octagon
1 11 1/2-NPT	2 11/16	2 3/8	1 5/8	1 23/32	0.683	1 3/32	27/32	1 1/16	1 1/16	1 13/16	7/32	1 5/16	1.975	Octagon
1 1/4 11 1/2-NPT	2 21/32	2 3/4	2	2 3/32	0.707	1 19/64	7/8	1 5/32	1 13/32	2 1/4	9/32	1 7/16	2.416	Octagon
1 1/2 11 1/2-NPT	3 1/8	3	2 9/32	2 11/32	0.724	1 21/64	1	1 7/32	1 21/32	2 1/2	9/32	1 1/2	2.649	Octagon
2 11 1/2-NPT	3 11/16	3 23/32	2 51/64	2 7/8	0.757	1 15/32	1 7/32	1 7/16	2 1/16	3 1/16	19/64	1 25/32	3.221	Octagon

Type 602B

Pipe Size	Style Nut	Depth Socket	Socket Dia.	Weight Per Union (lbs)
1/8 18-NPT	Hex	7/16	0.420	0.32
1/4 18-NPT	Hex	7/16	0.555	0.30
3/8 18-NPT	Hex	7/16	0.690	0.40
1/2 14-NPT	Hex	1/2	0.855	0.72
3/4 14-NPT	Octagon	1/2	1.065	1.10
1 11 1/2-NPT	Octagon	9/16	1.330	1.50
1 1/4 11 1/2-NPT	Octagon	9/16	1.675	2.20
1 1/2 11 1/2-NPT	Octagon	9/16	1.915	2.60
2 11 1/2-NPT	Octagon	11/16	2.406	4.60

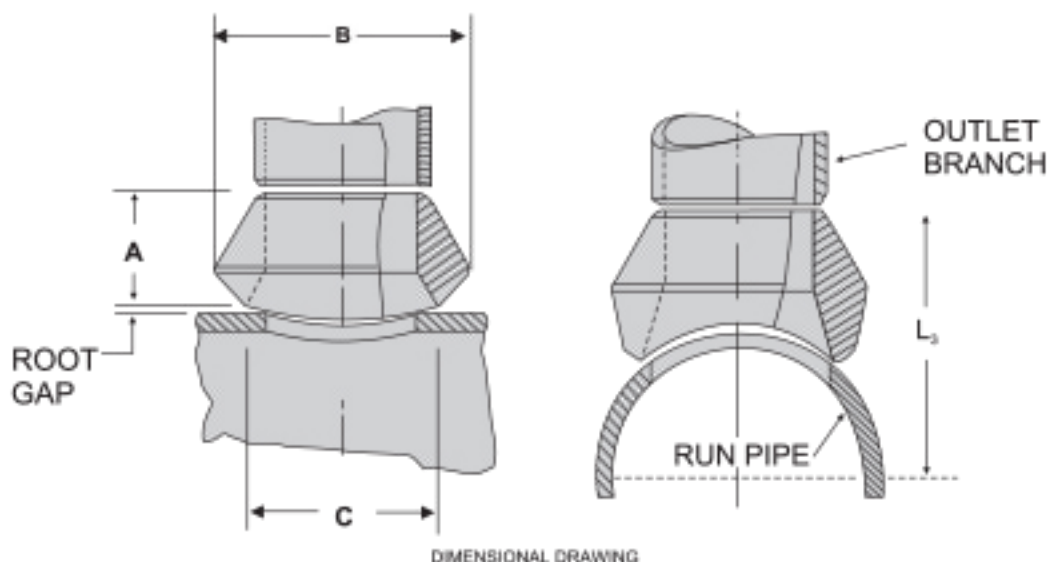
Weldolet Size on size XS



DIMENSIONAL DRAWING

Outlet Size Inches	Dimensions				Apprx. Weight Pounds
	A	B	C	D	
	3/4	1 3/8	15/16	5/8	0.15
3/4	7/8	1 5/8	1 3/16	13/16	0.25
1	1 1/16	2	1 7/16	1 1/32	0.40
1 1/4	1 1/4	2 7/16	1 3/4	1 3/8	0.70
1 1/2	1 5/16	2 7/8	2	1 5/8	0.90
2	1 1/2	3 1/2	2 9/16	2 1/16	1.60
2 1/2	1 5/8	4 1/16	3 2 7/16		2.50
3	1 3/4	4 13/16	3 11/16	3 1/16	4.10
3 1/2	2	5 3/8	3 7/8	3 9/16	5.10
4	2	6	4 3/4	4	7.50
5	2 1/4	7 1/8	5 9/16	5 1/16	9.50
6	3 1/16	8 7/8	6 11/16	6 1/16	15.00
8	3 7/8	10 5/8	8 11/16	7 5/8	32.00
10	3 1/2	12 7/8	10 7/16	9 3/4	46.00
12	3 15/16	15 3/16	13	11 3/4	61.00
14	4 1/8	16 11/16	14 5/16	13	75.00
16	4 7/16	18 7/8	16 1/2	15	115.00
18	4 11/16	21 1/8	18 5/8	17	130.00
20	5	23 3/8	20 13/16	19	187.00
24	5 1/2	27 7/8	25 1/8	23	316.00
26	5 3/4	30 1/8	27 1/4	25	370.00
30, 36 and larger sizes available on application					

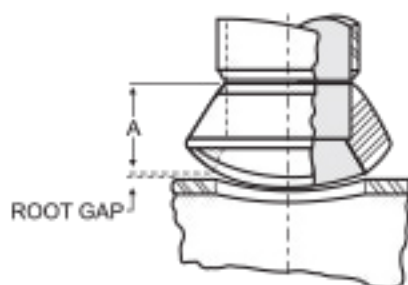
Weldolet Reducing SCH 160/XXS



Outlet Size Inches	Dimensions			Apprx. Weight Pounds
	A	B	C	
1/2	1 1/8	1 3/8	9/16	0.25
3/4	1 1/4	1 3/4	3/4	0.70
1	1 1/2	2	1	0.85
1 1/4	1 3/4	2 7/16	1 5/16	1.25
1 1/2	2	2 3/4	1 1/2	1.75
2	2 3/16	3 3/16	1 11/16	2.15
2 1/2	2 7/16	3 13/16	2 1/8	3.40
3	2 7/8	4 3/4	2 7/8	6.30
4	3 5/16	6	3 7/8	10.50
5	3 11/16	7 3/8	4 13/16	14.25
6	4 1/8	8 11/16	5 3/4	28.00
8				
10				
12	For dimensions see Heavy Wall Weldolet			
14				
16	Larger outlet sizes available on application			
18				
24				



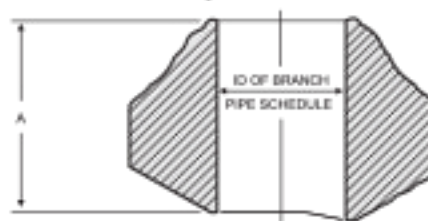
Weldolet Size on size SCH 160/XXS



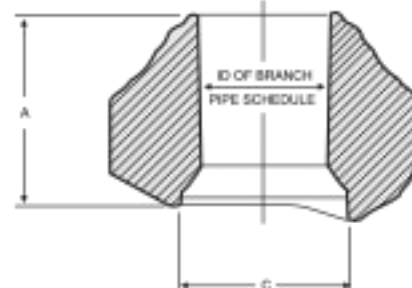
DIMENSIONAL DRAWING

Outlet Size Inches	Dimensions			Apprx. Weight. Pounds
	A	B	C	
1/2	1 1/8	1 3/8	9/16	0.25
3/4	1 1/4	1 3/4	3/4	0.70
1	1 1/2	2	1	0.80
1 1/4	1 3/4	2 7/16	1 5/16	1.25
1 1/2	2	2 3/4	1 1/2	1.75
2	2 3/16	3 3/16	1 11/16	2.15
2 1/2	2 7/16	3 13/16	2 1/8	3.40
3	2 7/8	4 3/4	2 7/8	6.35
4	3 5/16	6	3 7/8	10.50
5	3 11/16	7 3/8	4 13/16	14.25
6	4 1/8	8 11/16	5 3/4	30.25
8				
10				
12	For dimensions see Heavy Wall Weldolet			
14				
16				
18				
24				

Heavy Wall Weldolet



TYPE 1



TYPE 2
DIMENSIONAL DRAWING

Run Wall Thickness	3/4		1		1 1/4		1 1/2		1 3/4		2		2 1/4		2 3/4		3	
Branch Pipe Size	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C
3	2 7/8	2.908	3 7/32	2.900	3 3/8	2.906	3 5/8	2.900	4 1/8	2.900	4 9/16	2.900	5	2.900	5 7/8	2.900	6 1/16	2.900
3 1/2	3 1/8	3.359	3 1/4	3.359	3 7/16	3.359	3 3/4	3.359	4 3/16	3.359	4 5/8	3.359	5 1/16	3.359	6	3.359	6 5/16	3.359
4	3 5/16	3.843	3 3/8	3.826	3 1/2	3.826	3 7/8	3.826	4 3/4	3.826	4 3/4	3.826	5 3/16	3.826	6 1/8	3.826	6 9/16	3.826
5	3 3/4	4.812	3 3/4	4.812	4	4.812	4 1/4	4.812	4 3/4	4.812	5 1/4	4.812	5 3/4	4.812	6 5/8	4.812	7 3/16	4.812
6	4 1/8	5.750	4 11/32	5.761	4 1/2	5.760	4 11/16	5.760	5 1/4	5.760	5 3/4	5.760	6 1/4	5.760	7 1/4	5.760	7 13/16	5.760
8	4 3/16	7.625	4 5/8	7.625	4 7/8	7.625	5 5/32	7.625	5 3/4	7.625	6 11/32	7.625	6 15/16	7.625	8 3/32	7.625	8 11/16	7.625
10	4 1/4	9.750	4 27/32	9.750	5	9.562	5 5/16	9.562	5 15/16	9.562	6 9/16	9.562	7 3/16	9.562	8 7/16	9.562	9 1/16	9.562
12	4 3/8	11.750	5 3/32	11.750	5 3/8	11.375	5 11/16	11.375	6 5/16	11.375	6 15/16	11.375	7 9/16	11.375	8 13/16	11.375	9 7/16	11.375
14	4 1/2	13	5 1/4	13	5 1/2	12.500	5 13/16	12.500	6 5/16	12.500	6 15/16	12.500	7 9/16	12.500	8 13/16	12.500	9 7/16	12.500
16	4 11/16	15	5 7/8	15	6	14.312	6 7/16	14.310	6 5/8	14.310	7 1/4	14.310	7 7/8	14.310	9 1/8	14.310	9 3/4	14.310
18	5 1/8	17	6 1/2	17	6 1/2	16.125	6 1/2	16.126	6 13/16	16.126	7 7/16	16.126	8 7/32	16.126	9 13/32	16.126	10 1/32	16.126
20	5 5/8	19	6 3/4	19	7	17.937	7 9/16	17.938	7 25/32	17.938	8 3/32	17.938	8 21/32	17.938	9 29/32	17.938	10 15/32	17.938
24	6 1/2	23	7 5/8	23	8	21.564	8 23/32	21.564	8 31/32	21.564	9 13/16	21.568	10 1/2	21.568	12 9/16	21.564	10 21/32	21.564

Conventional Run Size Combinations

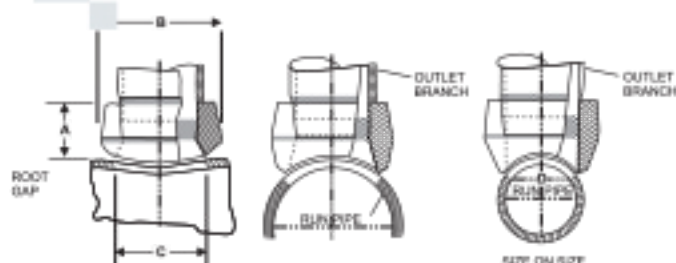
Standard Weight Weldolet, Extra Strong Weldolet, Class 3000 Thredolet, Class 3000 Sockolet, Extra Strong Nipolet															
Run Sizes	Outlet Size Inches														
	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
	3/8	3/8	1/2	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
	1/2	1/2	1 3/4	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8
	1 3/4	1 3/4	1 1/2 - 1 1/4	1	1 1/2 - 1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6	8	10
	2 1/2 - 1 1/4	1 1/2 - 1 1/4	36-3	1 1/2 - 1 1/4	2 1/2 - 2	2	2 1/2	3	4 - 3 1/2	4	5	6	8	10	14-12
	36-3	36-3	flat	2 1/2 - 2	5-3	2 1/2	3 1/2 - 3	4 - 3 1/2	5	6	8	10	12	16	
	flat	flat		8-3	12-6	3 1/2 - 3	5-4	5-5	6	8	10	14-12	14	18	
				36-10	36-14	5-4	8-6	12-8	10-8	8	10	14-12	20-16	18-16	22-20
				flat	flat	10-6	18-10	24-14	18-12	12-10	14-12	20-16	22	22-20	28-24
			3/4 - 1/2			36 - 12	36-10	36-26	36-20	18-14	20-16	36-24	36-24	28-24	36-30
			36 - 1			flat	flat	flat	flat	36-20	36-24	flat	flat	36-30	flat
			flat							flat	flat			flat	

Outlet sizes 8, 10, 12, 14, 16, 18, 24, 26, 20 order to specific size combination. Size consolidation for Weldolets only

Class 6000 Thredolet, Class 6000 Sockolet, XXS Nipolet									
Run Sizes	Outlet Size Inches								
	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
	1/2	1/2	1 3/4	1	1 1/2 - 1 1/4	1 1/2	2	2 1/2	
	1 3/4	3/4	2 - 1 1/4	2 1/2 - 1 1/4	2 1/2 - 2	2 1/2 - 2	2 1/2	3	
	2 1/2 - 1 1/4	1	6 - 2 1/2	10-3	10-3	3 1/2 - 3	3 1/2 - 3	4	
	36-3	1 1/2 - 1 1/4	36-8	36-12	36-12	8-4	5-4	5	
	flat	2 1/2 - 2	flat	flat	flat	36-10	8-6	8	
		8-3				flat	18-10	10-8	
		36-10					36-20	20-12	
		flat					flat	36-24	
								flat	

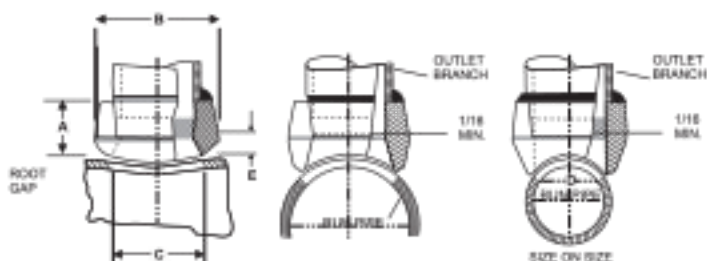
Schedule 160, XXS Weldolet									
Run Sizes	Outlet Size Inches								
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	1/2	1 3/4	1	1 1/2 - 1 1/4	1 1/2	2	2 1/2	3	4
	1 1/4 - 3/4	2 - 1 1/4	2 1/2 - 1 1/4	2 1/2 - 2	2 1/2 - 2	2 1/2	3	3 1/2	5
	36 - 1 1/2	6 - 2 1/2	10-3	10-3	3 1/2 - 3	3 1/2 - 3	3 1/2	4	8
	flat	36-8	36-12	36-12	8-4	5-4	4	5	10
		flat	flat	flat	20-10	8-6	5	6	12
					22	18-10	8-6	8	14
					36-24	36-20	12-10	10	16
					flat	flat	18-14	12	18
							36-20	14	20
							flat	16	22
								18	24
								20	
								22	
								24	
								flat	

Thredolet



DIMENSIONAL DRAWING

Sockolet



DIMENSIONAL DRAWING

Reducing Sizes

	Outlet Size Inches	Dimensions			Appx. Wt Pounds
		A	B	C	
CL3000	1/8	3/4	1	5/8	0.10
	1/4	3/4	1	5/8	0.10
	3/8	13/16	1 1/4	3/4	0.20
	1/2	1 1/16	1 13/32	15/16	0.25
	3/4	1 1/16	1 23/32	1 5/32	0.35
	1	1 5/16	2	1 7/16	0.60
	1 1/4	1 5/16	2 9/16	1 3/4	0.90
	1 1/2	1 3/8	2 27/32	2	1.00
	2	1 1/2	3 15/32	2 9/16	1.75
	2 1/2	1 13/16	4 1/16	3	3.00
	3	2 1/4	4 13/16	3 11/16	4.35
	3 1/2	2 1/8	5 7/32	4	5.75
CL 6000	4	2 1/4	5 31/32	4 3/4	7.10
	5	2 5/8	7 5/16	5 9/16	12.00
	6	2 3/4	8 5/8	6 11/16	15.30
	1/4	1 1/8	1 11/32	9/16	0.30
	3/8	1 1/8	1 11/32	9/16	0.30
	1/2	1 1/4	1 23/32	3/4	0.45
	3/4	1 7/16	1 61/64	1	0.75
	1	1 9/16	2 7/16	1 5/16	1.25
	1 1/4	1 5/8	2 23/32	1 1/2	1.60
	1 1/2	1 11/16	3 1/4	1 15/16	1.95
	2	2 1/8	4 1/32	2 3/4	5.00

Size on Size

	Outlet Size Inches	Dimensions				Appx. Wt Pounds
		A	B	C	D	
CL 3000	1/2	1	1 3/8	15/16	5/8	0.15
	3/4	1 1/16	1 5/8	1 3/16	13/16	0.25
	1	1 5/16	2	1 7/16	1 1/16	0.45
	1 1/4	1 5/16	2 3/8	1 3/4	1 3/8	0.70
	1 1/2	1 3/8	2 7/8	2	1 5/8	0.90
	2	1 1/2	3 1/2	2 9/16	2 1/16	1.40
	2 1/2	1 29/32	4 1/16	3	2 1/2	2.50
	3	2	4 13/16	3 11/16	3 1/16	4.30
	3 1/2	2 1/8	5 3/8	4 7/16	3 9/16	4.50
	4	2 1/4	6 1/16	4 3/4	4 1/16	6.80
	5	2 7/16	7 1/4	5 1/4	5 1/4	9.20
	6	2 3/4	8 11/16	5 3/4	5 3/4	15.70

REDUCING SIZES

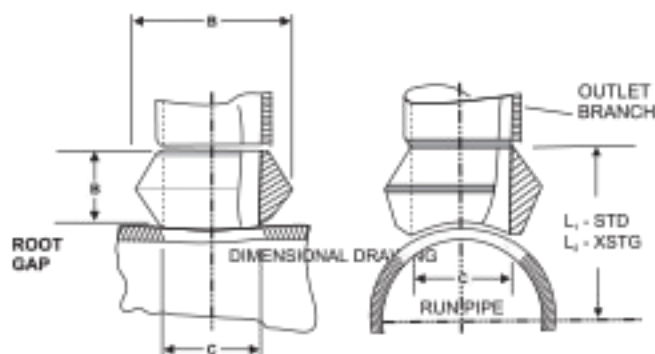
	Outlet Size Inches	Dimensions					Appx. Wt Pounds
		A	B	C	D	E	
CL 3000	1/8	3/4	1	5/8	0.269	9/32	0.10
	1/4	3/4	1	5/8	0.384	9/32	0.10
	3/8	13/16	1 1/4	3/4	0.493	7/16	0.20
	1/2	1 1/16	1 13/32	29/32	0.622	9/16	0.30
	3/4	1 1/16	1 23/32	1 5/32	0.824	9/16	0.35
	1	1 5/16	2	1 7/16	1.049	25/32	0.60
	1 1/4	1 5/16	2 9/16	1 3/4	1.380	3/4	0.85
	1 1/2	1 3/8	2 27/32	2	1.610	3/4	1.00
	2	1 1/2	3 15/32	2 9/16	2.067	13/16	1.60
	2 1/2	1 9/16	4 1/16	3	2.469	3/4	2.75
	3	1 3/4	4 13/16	3 11/16	3.068	15/16	3.80
	3 1/2	2 1/8	5 7/32	4	3.548	1	4.30
CL 6000	4	1 7/8	5 31/32	4 3/4	4.026	1 1/16	7.25
	5	2 5/8	7 5/16	5 9/16	5.047	1 11/32	12.00
	6	2 3/4	8 5/8	6 11/16	6.065	1 13/32	14.50
	1/2	1 1/4	1 23/32	3/4	0.466	7/8	0.50
	3/4	1 7/16	1 61/64	1	0.614	7/8	0.80
	1	1 9/16	2 7/16	1 5/16	0.815	15/16	1.30
	1 1/4	1 5/8	2 23/32	1 1/2	1.160	13/16	1.60
	1 1/2	1 11/16	3 1/4	1 15/16	1.338	7/8	2.00
	2	2 1/16	4 1/32	2 3/4	1.699	1 3/16	5.15

Size on Size

	Outlet Size Inches	Dimensions					Appx. Wt in Pounds
		A	B	C	D	E	
CL3000	1/2	1	1 3/8	15/16	0.622	17/32	0.15
	3/4	1 1/16	1 5/8	1 3/16	0.824	15/32	0.25
	1	1 5/16	2	1 7/16	1.049	23/32	0.45
	1 1/4	1 5/16	2 3/8	1 3/4	1.380	9/16	0.65
	1 1/2	1 3/8	2 7/8	2	1.610	21/32	0.85
	2	1 1/2	3 1/2	2 9/16	2.067	15/16	1.40
	2 1/2	1 9/16	4 1/16	3	2.469	3/4	2.25
	3	1 3/4	4 13/16	3 11/16	3.068	15/16	3.75
	3 1/2	1 11/16	5 3/8	4 7/16	3.548	11/16	4.30
	4	1 7/8	6 1/16	4 3/4	4.026	1 1/16	6.60
	5	2 7/16	7 1/4	5 1/4	5.047	1	9.00
	6	2 11/16	8 11/16	6 1/16	6.065	1 3/16	15.50

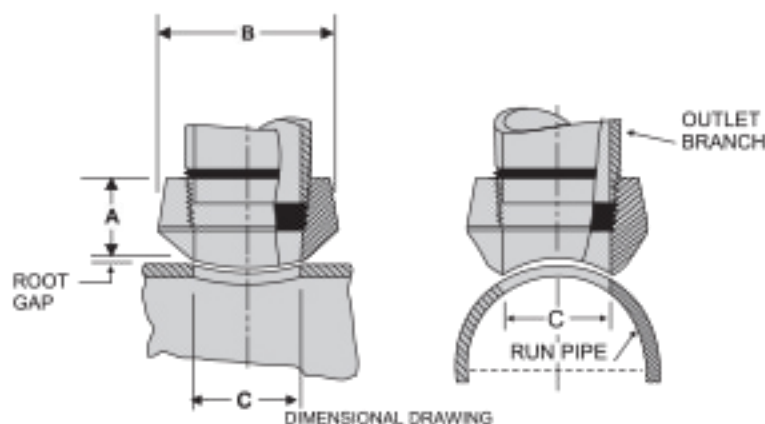
BW Dimensional Data: SA/A105, SA/A350 LF2 Cl.1

Flexolet BW



Threaded Dimensional Data: SA/A105, SA/A350 LF2 Cl. 1

Flexolet Threaded

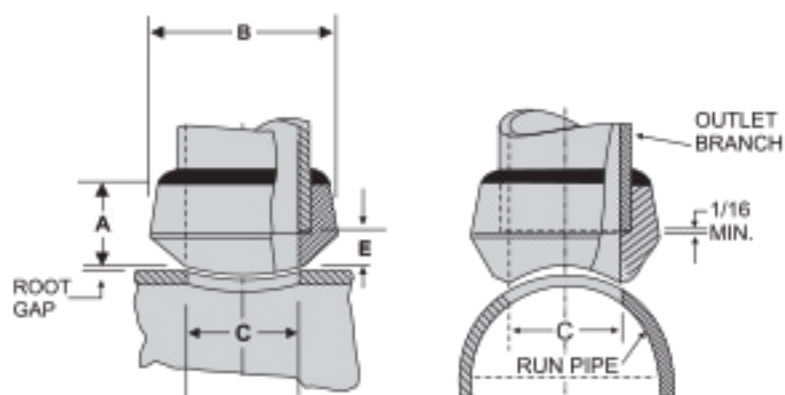


	Outlet Size	Dimensions			Appx Weight
	Inches	A	B	C	Pounds
Standard	3/8	3/4	1	0.493	0.10
	1/2	3/4	1 1/8	0.622	0.12
	3/4	7/8	1 1/2	0.824	0.22
	1	1 1/16	1 13/16	1.062	0.32
	1 1/4	1 1/4	2 1/4	1.38	0.64
	1 1/2	1 5/16	2 9/16	1.625	0.78
	2	1 1/2	3 5/16	2.313	1.14
	2 1/2	1 5/8	3 21/32	2.500	1.94
	3	1 3/4	4 9/32	3.125	2.60
	4	2	5 3/8	4.145	4.12
	6	2 3/8	7 21/32	5.112	11
Extra Strong	3/8	3/4	1	0.423	0.10
	1/2	3/4	1 1/8	0.546	0.12
	3/4	7/8	1 1/2	0.742	0.18
	1	1 1/16	1 13/16	1.062	0.36
	1 1/4	1 1/4	2 1/4	1.278	0.55
	1 1/2	1 5/16	2 9/16	1.625	0.68
	2	1 1/2	3 5/16	2.313	1.24
	2 1/2	1 5/8	3 21/32	2.500	2.26
	3	1 3/4	4 9/32	3.125	2.84
	4	2	5 3/8	4.145	4.56
	6	3 1/16	7 23/32	5.800	15.00

	Outlet Size	Dimensions			Appx Weight
	Inches	A	B	C	Pounds
CL 3000	1/4	3/4	1 1/16	0.437	0.14
	3/8	13/16	1 1/16	0.578	0.14
	1/2	1	1 15/32	0.718	0.28
	3/4	1 1/16	1 45/64	0.922	0.39
	1	1 5/16	2 3/32	1.156	0.73
	1 1/4	1 5/16	2 17/32	1.500	0.96
	1 1/2	1 3/8	2 25/32	1.734	1.12
	2	1 1/2	3 5/16	2.218	1.66
	2 1/2	1 13/16	3 29/32	2.625	2.73
	3	2	4 21/32	3.250	3.88
	4	2 1/4	5 13/16	4.250	6.18
CL 6000	1/4	3/4	1 1/16	0.437	0.14
	3/8	1 1/8	1 5/16	0.578	0.14
	1/2	1 1/4	1 3/4	0.718	0.28
	3/4	1 7/16	2 1/16	0.922	0.39
	1	1 9/16	2 17/32	1.156	0.73
	1 1/4	1 5/8	2 1/2	1.500	0.96
	1 1/2	1 11/16	3 5/16	1.734	1.12
	2	2 1/8	3 31/32	2.218	1.66

SW Dimensional Data: SA/A105, SA/A350 LF2 Cl.1

Flexolet SW

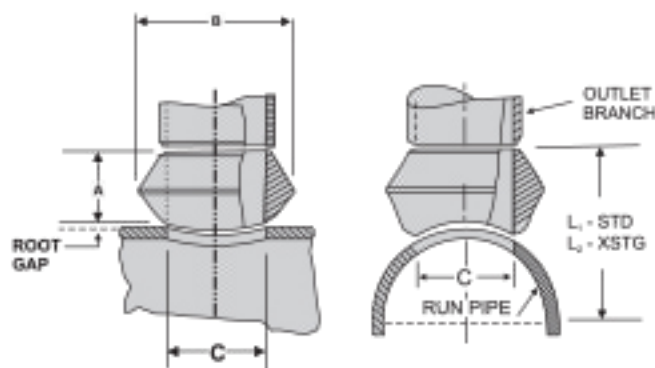


DIMENSIONAL DRAWING

	Outlet Size Inches	Dimensions				Appx Weight Pounds
		A	B	C	E	
CL 3000	1/4	3/4	1	0.364	3/8	0.14
	3/8	13/16	1 1/16	0.493	7/16	0.14
	1/2	1	1 15/32	0.622	9/16	0.28
	3/4	1 1/16	1 45/64	0.824	9/16	0.39
	1	1 5/16	2 3/32	1.049	25/32	0.73
	1 1/4	1 5/16	2 17/32	1.380	23/32	0.96
	1 1/2	1 3/8	2 25/32	1.610	3/4	1.12
	2	1 1/2	3 5/16	2.067	13/16	1.66
	2 1/2	1 13/16	4 29/32	2.469	3/4	2.73
	3	2	4 21/32	3.069	15/16	3.88
CL6000	4	1 1/4	5 13/16	4.026	1 1/16	6.60
	1/2	1 1/4	1 3/4	0.464	13/16	0.28
	3/4	1 7/16	2 1/16	0.612	15/16	0.39
	1	1 9/16	2 17/32	0.815	1 1/32	0.73
	1 1/4	1 5/8	2 1/2	1.160	1 1/32	0.96
	1 1/2	1 11/16	3 5/16	1.338	1 1/16	1.63
	2	2 1/16	3 31/32	1.687	1 3/8	1.66

BW Dimensional Data: SS & Alloy

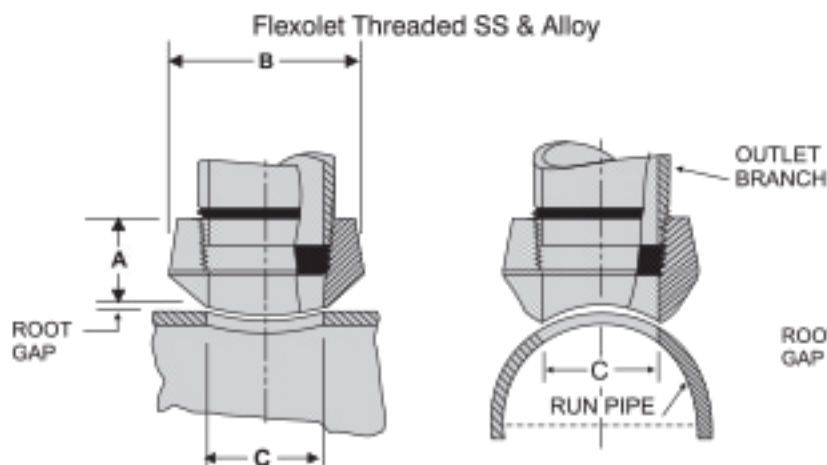
Flexolet BW SS & Alloy



DIMENSIONAL DRAWING

	Outlet Size Inches	Dimensions			Appx Weight Pounds
		A	B	C	
Standard	3/8	3/4	1	0.493	0.09
	1/2	3/4	1 1/8	0.622	0.12
	3/4	7/8	1 1/2	0.824	0.28
	1	1 1/16	1 3/4	1.049	0.34
	1 1/4	1 1/4	2 1/4	1.38	0.72
	1 1/2	1 5/16	2 1/2	1.610	0.90
	2	1 1/2	3	2.067	1.12
	2 1/2	1 5/8	3 5/8	2.469	2.31
	3	1 3/4	4	3.069	2.50
	4	2	5	4.026	5.89
Extra Strong	6	2 3/8	7 1/2	6.065	10.50
	3/8	3/4	1	0.423	0.15
	1/2	3/4	1 1/8	0.546	0.12
	3/4	7/8	1 1/2	0.742	0.21
	1	1 1/16	1 3/4	0.957	0.43
	1 1/4	1 1/4	2 1/4	1.278	0.69
	1 1/2	1 5/16	2 1/2	1.500	0.89
	2	1 1/2	3	1.939	1.25
	2 1/2	1 5/8	3 1/2	2.323	2.63
	3	1 3/4	4	2.900	3.82
	4	2	5	3.826	6.17
	6	3 1/16	7 1/2	5.671	15.06

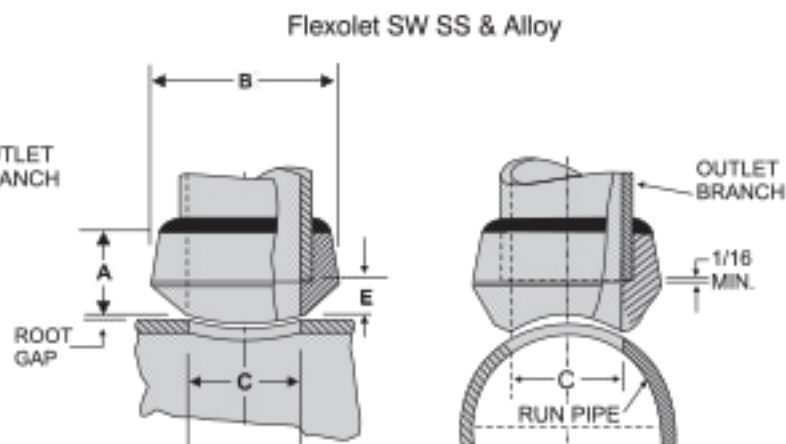
Threaded Dimensional Data : SS & Alloy



DIMENSIONAL DRAWING

	Outlet Size Inches	Dimensions			Appx Weight Pounds
		A	B	C	
CL 3000	1/4	3/4	7/8	0.437	0.14
	3/8	13/16	1	0.578	0.14
	1/2	1	1 1/4	0.718	0.28
	3/4	1 1/16	1 1/2	0.922	0.39
	1	1 5/16	1 7/8	1.156	0.73
	1 1/4	1 5/16	2 1/4	1.500	0.96
	1 1/2	1 3/8	2 1/2	1.734	1.12
	2	1 1/2	3 5/16	2.218	1.66
CL6000	1/4	1 1/8	1	0.437	0.14
	3/8	1 1/8	1 1/4	0.578	0.14
	1/2	1 1/4	1 1/2	0.718	0.28
	3/4	1 7/16	1 3/4	0.922	0.39
	1	1 9/16	2 1/4	1.156	0.73
	1 1/4	1 5/8	2 1/2	1.500	0.96
	1 1/2	1 11/16	3	1.734	1.63
	2	2 1/8	3 5/8	2.218	1.66

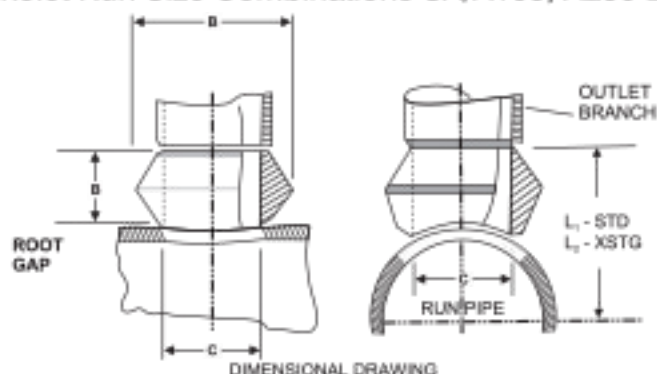
SW Dimensional Data : SS & Alloy



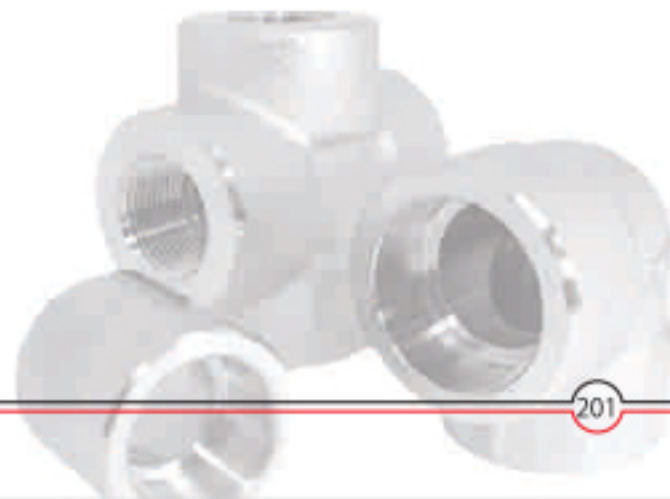
DIMENSIONAL DRAWING

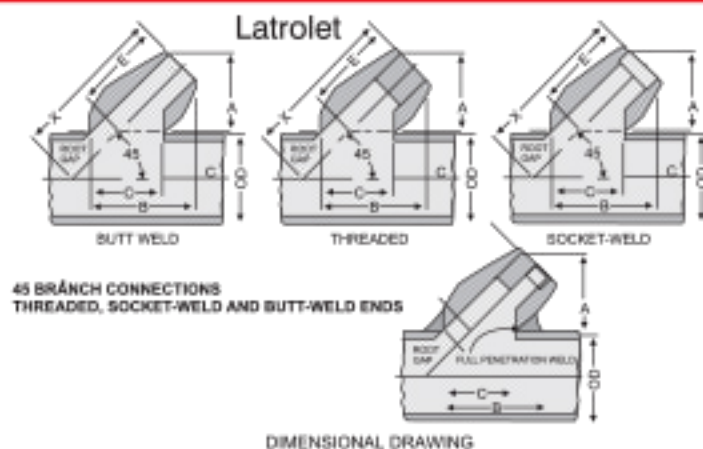
	Outlet Size Inches	Dimensions				Appx Weight Pounds
		A	B	C	E	
CL 3000	1/4	3/4	7/8	0.384	3/8	0.14
	3/8	13/16	1 1/16	0.493	7/16	0.14
	1/2	1	1 1/4	0.622	9/16	0.28
	3/4	1 1/16	1 1/2	0.824	9/16	0.39
	1	1 5/16	1 7/8	1.049	25/32	0.73
	1 1/4	1 5/16	2 1/4	1.380	23/32	0.96
	1 1/2	1 3/8	2 1/2	1.610	3/4	1.12
	2	1 1/2	3	2.067	13/16	1.66
CL6000	1/2	1 1/4	1 3/8	0.484	13/16	0.28
	3/4	1 7/16	1 3/4	0.612	15/16	0.39
	1	1 9/16	2	0.815	1 1/32	0.73
	1 1/4	1 5/8	2 1/2	1.160	1 1/32	0.96
	1 1/2	1 11/16	2 3/4	1.338	1 1/16	1.63
	2	2 1/16	3 3/8	1.687	1 3/8	1.66

Flexolet Run Size Combinations SA/A105, A250 LF2 Cl.1

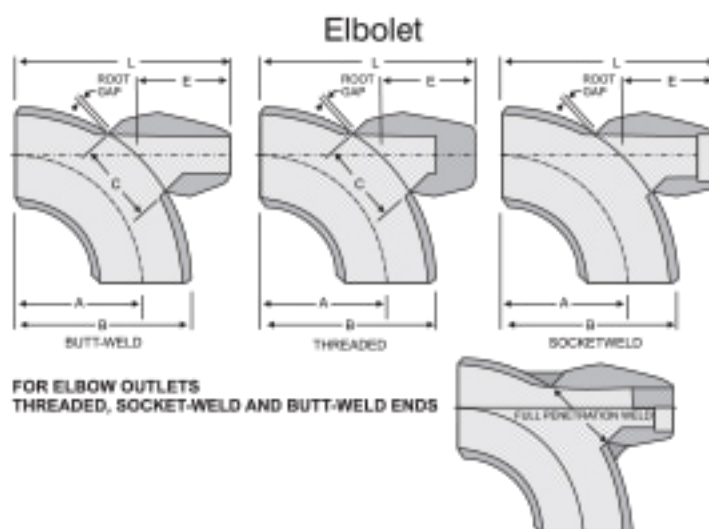


	Outlet Size Inches											
	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
Butt-Weld, Standard	1/4	1/2 - 3/8	1 1/2	2 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
	36 - 3/8	36 - 3/4	36 - 1 1/4	36 - 2 1/2	1 1/2 - 1 1/4	2 - 1 1/2	3 1/2 - 2	3 - 2 1/2	4-3	4 - 3 1/2	6-5	8
					36-2	6 - 2 1/2	36-4	6 - 3 1/2	10-5	6-5	10-8	10
						36-8		36-8	36-12	14-8	20-12	14-12
										36-16	36-22	18-16
												24-20
												34-26
												42-36
Butt Weld, XS	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
	36 - 1/4	3/8	3/4 - 1/2	1 1/2 - 3/4	1	2 - 1 1/4	1 1/2	2	2 1/2	3	4	6
		36 - 1/2	36-1	36-2	1 1/2 - 1 1/4	5 - 2 1/2	3 1/2 - 2	3 - 2 1/2	4-3	4 - 3 1/2	6-5	8
					36 - 2	36-6	36-4	6 - 3 1/2	10-5	6-5	10-8	10
								36-8	36-12	14-8	20-12	14-12
										36-16	36-22	18-16
												24-20
												34-26
Class 3000 Threaded	Outlet Size Inches											
	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
	3/8 - 1/4	1 3/8	1/2	1 1/4 - 3/4	1	1 1/2 - 1 1/4	1 1/2	2	2 1/2	3	4	
	36 - 1/2	36 - 1 1/4	36 - 3/4	36 - 1 1/2	2 1/2 - 1 1/4	3 1/2 - 2	2 1/2 - 2	3 1/2 - 2 1/2	3 1/2 - 3	5 - 3 1/2	6-5	
					36 - 3	36-4	5-3	6-4	6-4	14-16	10-8	
							36-6	36-8	36-8	36-16	20-12	
											36-22	
Class 6000 Threaded	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
	3/8 - 1/4	1 3/8	1/2	3/4	1 1/4 - 1	1 1/2 - 1 1/4	1 1/2	2	2 1/2	3	4	
	36 - 1/2	36 - 1 1/4	36 - 3/4	1 1/4 - 1	2 1/2 - 1 1/2	3 1/2 - 2	2 1/2 - 2	3 1/2 - 2 1/2	3 1/2 - 3	3 1/2	5	
				36-1 1/2	36-3	6-4	5-3	6-4	5-4	4	5	
						36-10	36-6	36-8	10-6	6-5	10-8	
									26-12	12-8	18-12	
									36-28	36-14	36-20	
Class 3000 Socket-Weld	Outlet Size Inches											
	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
	1/4	1/2 - 3/8	1/2	1 1/4 - 3/4	1	1 1/2 - 1 1/4	1 1/2	2	2 1/2	3	4	
	36 - 3/8	36 - 3/4	36 - 3/4	36 - 1 1/2	2 1/2 - 1 1/4	3 1/2 - 2	2 1/2 - 2	3 1/2 - 2 1/2	3 1/2 - 3	5 - 3 1/2	6-5	
					36-3	36-4	5-3	6-4	6-4	14-16	10-8	
							36-6	36-8	36-8	36-16	20-12	
											36-22	
Class 6000 Socket-Weld	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
	36 - 1/4	36 - 3/8	1/2	1 3/4	1	1 1/4	1 1/2	2	3 - 2 1/2	3 1/2 - 3	4	
			36 - 3/4	36 - 1 1/4	2 1/2 - 1 1/4	4 - 1 1/2	2 1/2 - 2	3 1/2 - 2 1/2	5 - 3 1/2	5-4	5	
					36-3	36-5	5-3	6-4	18-6	10-6	8-6	
							36-6	36-8	36-20	26 - 12	14 - 10	
										36 - 28	36 - 16	

Elexolet® BW (S+D)Flexol® SM (6000)



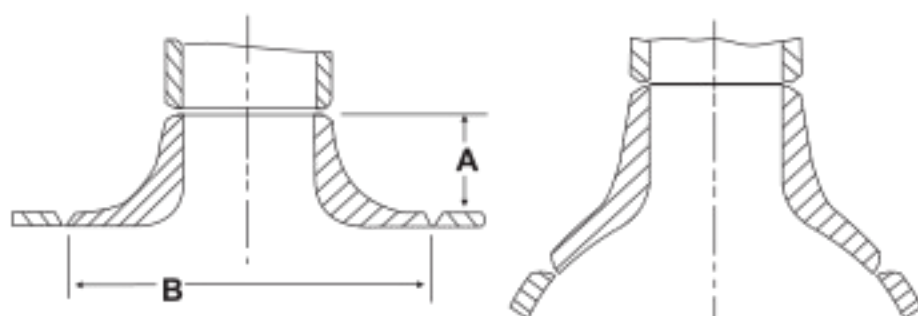
Nominal Run Pipe Size	Outlet Size	Dimensions														
		CL 3000 Threaded and Socket Weld				CL 6000 Threaded and Socket Weld				Standard & XS Butt Weld				Sch. 160 and XXS Butt Weld		
		A	B	C	E	A	B	C	E	A	B	C	E	A	B	C
2 1/2 - 1 1/4	1/4	1 9/16	2 11/32	1 7/16	1 9/16	1 9/16	2 11/32	1 7/16	1 9/16	1 5/16	2 3/32	1 7/16	1 9/16	1 9/16	2 5/16	1 7/16
12 - 3																
2 1/2 - 1 1/4	3/8	1 9/16	2 11/32	1 7/16	1 9/16	1 9/16	2 11/32	1 7/16	1 9/16	1 5/16	2 3/32	1 7/16	1 9/16	1 9/16	2 5/16	1 7/16
12 - 3																
2 1/2 - 1 1/4	1/2	1 9/16	2 11/32	1 7/16	1 9/16					1 3/8	2 5/32	1 7/16	1 9/16			
12 - 3																
1 1/2 - 1 1/4	1/2					1 7/8	2 3/4	1 3/4	1 29/32					1 13/16	2 3/4	1 3/4
12 - 6																
1 1/2 - 1 1/4	3/4	1 7/8	2 3/4	1 3/4	1 29/32					1 11/16	2 17/32	1 3/4	1 29/32			
12 - 6																
2 1/2 - 2	3/4					2 3/16	3 1/4	2 1/8	2 3/16					2 1/8	3 1/4	2 1/8
12 - 6																
2 1/2 - 2	1	2 3/16	3 1/4	2 1/8	2 3/16	2 1/2	3 21/32	2 5/8	2 15/32	3 1/32	3	2 1/8	2 3/16	2 1/2	3 13/16	2 5/8
12 - 6																
2 1/2 - 2	1 1/4	2 1/2	3 27/32	2 5/8	2 15/16	2 3/4	4 7/32	3 1/32	2 5/8	2 9/32	3 19/32	2 5/8	2 15/32	2 3/4	4 1/4	3
12 - 6																
2 1/2 - 2	1 1/2	2 3/4	4 7/32	3 1/32						2 15/32	3 31/32	3 1/32	2 5/8			
12 - 6																
5 - 4																
8 - 6	1 1/2					3 3/8	5 7/16	4 1/8	3 5/32					3 3/8	5 3/8	4 1/8
12 - 10																
5 - 4																
8 - 6	2	3 3/8	5 7/16	4 1/8	3 5/32	3 3/8	5 7/16	4 1/8	3 5/32	3 3/16	5 1/4	4 1/8	3 13/32			
12 - 10																
5 - 4																
8 - 6	2 1/2									3 5/32	5 3/16	4 1/8	3 5/32			
12 - 10																
Order to Specific Run Pipe Sizes	3									3 13/16	6 1/4	4 31/32	3 25/32			
Order to Specific Run Pipe Sizes	4									4 3/4	7 13/16	6 7/16	4 9/16			



DIMENSIONAL DRAWING

Nominal Elbow Size Inches	Outlet Size Inches	Dimensions			
		CL 3000 Threaded & Socket Weld Std. & XS Butt-Weld		CL 6000 Threaded & Socket Socket-Weld Sch. 160 & XXS Butt-Weld	
		C	E	C	E
36 - 3/4	1/4	1 1/2	1 19/32	1 1/2	1 19/32
36 - 3/4	3/8	1 1/2	1 19/32	1 1/2	1 19/32
36 - 3/4	1/2	1 1/2	1 19/32	1 23/32	1 7/8
36 - 1	3/4	1 23/32	1 7/8	2 1/4	2 1/4
36 - 2	1	2 1/4	2 1/4	2 7/8	2 1/2
36 - 2	1 1/4	2 7/8	2 1/2	3 1/8	2 11/16
36 - 2	1 1/2	3 1/8	2 11/16	4 3/16	3 1/4
36 - 3	2	4 3/16	3 1/4		
	**2 1/2	4 3/16	3 1/4		
	**3	5 1/16	3 7/8		
Order to Specific	**4	6 5/8	4 13/16		
Elbow Sizes	**6	9 3/8	6 1/2	**	**
	**8	13 5/16	8 1/16		
	**10	17 1/32	10 3/8		
	**12	19 5/8	11 1/8		

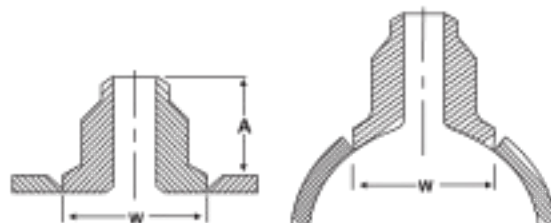
Sweeplet



DIMENSIONAL DRAWING

Run Size	Outlet Size Inches	Dimensions	
		*A	B
6 to 36	1 1/4	1 1/4	4
6 to 36	1 1/2	1 3/4	5 1/2
6 to 36	2	1 1/2	5 1/2
6 to 36	3	1 21/32	7
6 to 36	4	2 1/32	8 3/4
10 to 36	6	2 11/16	13
12 to 36	8	3	15
16 to 36	10	3 1/8	18 1/2
16 to 36	12	3 5/16	20 1/2
20 to 36	14	3 5/8	24
24 to 36	16	3 3/4	28
24 to 36	18	4 5/8	31
24 to 36	20	5 1/8	33
30 to 36	24	5 5/8	38

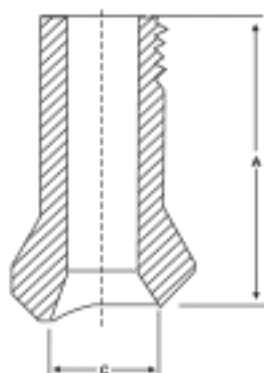
Insert Weldolet



DIMENSIONAL DRAWING

Outlet Size	A' Dimensions (Height above run pipe)														
	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
Std Wt Run Pipe	1.50	1.50	1.62	1.75	2.00	2.25	2.38	2.75	3.06	3.38	3.50	3.75	3.81	4	4.56
XS Run Pipe	1.50	1.50	1.62	1.75	2.00	2.25	3.06	3.87	3.69	4.06	3.81	4.19	4.38	4.69	5.50
.500" to .750" Thick Run Pipe	-	-	-	2.88	3.31	3.75	4.12	4.18	4.25	4.37	4.50	4.69	5.13	5.62	6.50
.750" to 1.00" Thick Run Pipe	-	-	-	3.22	3.38	3.75	4.34	4.62	4.84	5.10	5.25	5.88	6.50	6.75	7.62
1.00" to 1.25" Thick Run Pipe	-	-	-	3.38	3.50	4.00	4.50	4.88	5.00	5.38	5.50	6.00	6.50	7.00	8.00
1.25" to 1.50" Thick Run Pipe	-	-	-	3.62	3.87	4.25	4.69	5.16	5.31	5.68	5.81	6.44	6.50	7.56	8.72
Outlet Size	"W" Dimensions (Max. O.D. of fitting - Max. size of hole)														
	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
Std Wt Run Pipe	3.50	4.25	4.88	5.69	7.00	8.06	9.71	11.71	14.00	16.32	17.58	19.75	22.00	24.00	29.00
XS Run Pipe	3.56	4.38	5.00	5.75	7.12	8.25	10.44	13.44	14.25	16.66	18.00	20.00	22.44	25.00	30.32

Nipolet



DIMENSIONAL DRAWING

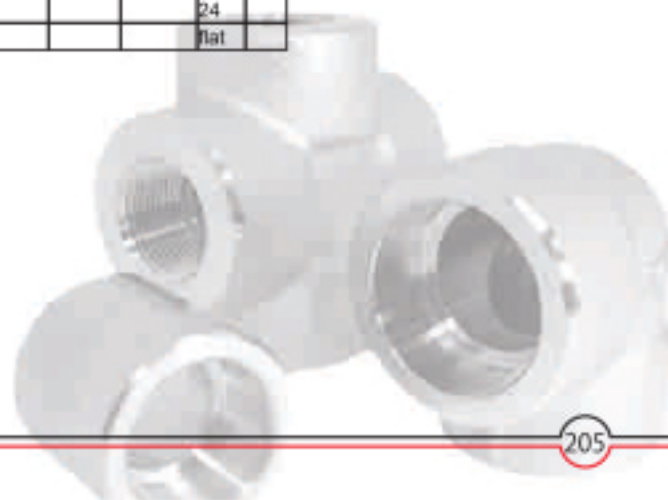
Plain end and Threaded							
Size		1/2	3/4	1	1 1/4	1 1/2	2
XS	A	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
	C	15/16	1 3/16	7/16	1 3/4	2	2 9/16
XXS	A	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
	C	9/16	3/4	1	1 5/16	1 1/2	1 11/16

Conventional Run Size Combinations

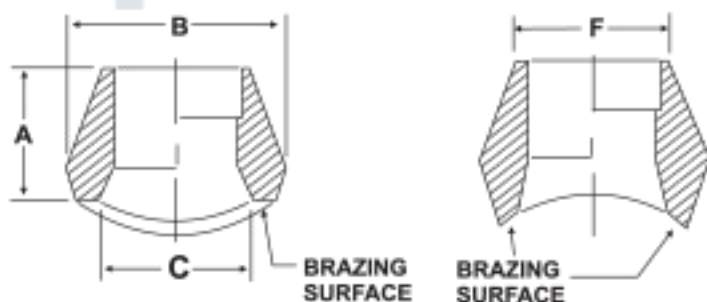
Standard Weight Weldolet, Extra Strong Weldolet, Class 3000 Thredolet, Class 3000 Sockolet, Extra Strong Nipolet															
Run Sizes	Outlet Size Inches														
	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
	3/8	3/8	1/2	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
	1/2	1/2	1 3/4	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	8	8
	1 3/4	1 3/4	1 1/2 - 1 1/4	1	1 1/2 - 1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	8	8	10
	2 1/2 - 1 1/4	1 1/2 - 1 1/4	36-3	1 1/2 - 1 1/4	2 1/2 - 2	2	2 1/2	3	4 - 3 1/2	4	5	6	8	10	14-12
	36-3	36-3	flat	2 1/2 - 2	5-3	2 1/2	3 1/2 - 3	4 - 3 1/2	5	5	6	8	10	12	16
	flat	flat		8-3	12-6	3 1/2 - 3	5-4	6-5	6	6	8	10	14-12	14	18
				36-10	36-14	5-4	8-6	12-8	10-8	8	10	14-12	20-16	18-16	22-20
				flat	flat	10-6	18-10	24-14	18-12	12-10	14-12	20-16	22	22-20	28-24
			3/4 - 1/2			36 - 12	36-10	36-26	36-20	18-14	20-16	36-24	36-24	28-24	36-30
			36 - 1			flat	flat	flat	flat	36-20	36-24	flat	flat	36-30	flat
			flat							flat	flat			flat	
Outlet sizes 8, 10, 12, 14, 16, 18, 24, 26, 20 order to specific size combination. Size consolidation for Weldolets only															

Class 6000 Thredolet, Class 6000 Sockolet, XXS Nipolet									
Run Sizes	Outlet Size Inches								
	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
	1/2	1/2	1 3/4	1	1 1/2 - 1 1/4	1 1/2	2	2 1/2	
	1 3/4	3/4	2 - 1 1/4	2 1/2 - 1 1/4	2 1/2 - 2	2 1/2 - 2	2 1/2	3	
	2 1/2 - 1 1/4	1	5 - 2 1/2	10-3	10-3	3 1/2 - 3	3 1/2 - 3	4	
	36-3	1 1/2 - 1 1/4	36-8	36-12	36-12	8-4	5-4	5	
	flat	2 1/2 - 2	flat	flat	flat	36-10	8-6	6	
		8-3				flat	18-10	10-8	
		36-10					36-20	20-12	
		flat					flat	36-24	

Schedule 160, XXS Weldolet									
Run Sizes	Outlet Size Inches								
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	1/2	1 3/4	1	1 1/2 - 1 1/4	1 1/2	2	2 1/2	3	4
	1 1/4 - 3/4	2 - 1 1/4	2 1/2 - 1 1/4	2 1/2 - 2	2 1/2 - 2	2 1/2	3	3 1/2	5
	36 - 1 1/2	8 - 2 1/2	10-3	10-3	3 1/2 - 3	3 1/2 - 3	3 1/2	4	8
	flat	36-8	36-12	36-12	8-4	5-4	4	5	10
		flat	flat	flat	20-10	8-6	5	5	12
					22	18-10	8-6	8	14
					36-24	36-20	12-10	10	16
					flat	flat	18-14	12	18
							36-20	14	20
							flat	16	22
								18	24
								20	
								22	
								24	
								flat	

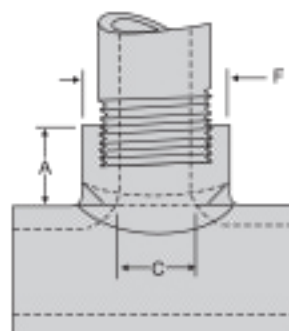


Brazolet



DIMENSIONAL DRAWING

Coupolet



DIMENSIONAL DRAWING

Brazolet® for IPS Pipe

ASME SB-98 UNS C685500 Alloy A

Outlet Sizes	A	B	C	Brazing Surface	F-MIN. MIL-1183
1/4	11/16	1	9/16	0.188	0.700
3/8	13/16	1 1/4	3/4	0.190	0.855
1/2	1	1 7/16	7/8	0.220	1.020
3/4	1 1/16	1 3/4	1 1/8	0.240	1.250
1	1 1/4	2 1/8	1 7/16	0.270	1.535
1 1/4	1 5/16	2 9/16	1 3/4	0.300	1.900
1 1/2	1 3/8	2 7/8	2	0.330	2.160
2	1 1/2	3 1/2	2 9/16	0.360	2.675
2 1/2	1 13/16	4 1/8	3	0.384	3.215
3	2	4 13/16	3 11/16	0.442	3.880
4	2 1/4	6	4 3/4	0.476	4.940
5	2 5/8	7 1/16	5 9/16	0.656	6.163

Brazolet® for Tubing

Type K, L, and M Tubing, ASME SB-98 UNS C685500 Alloy A

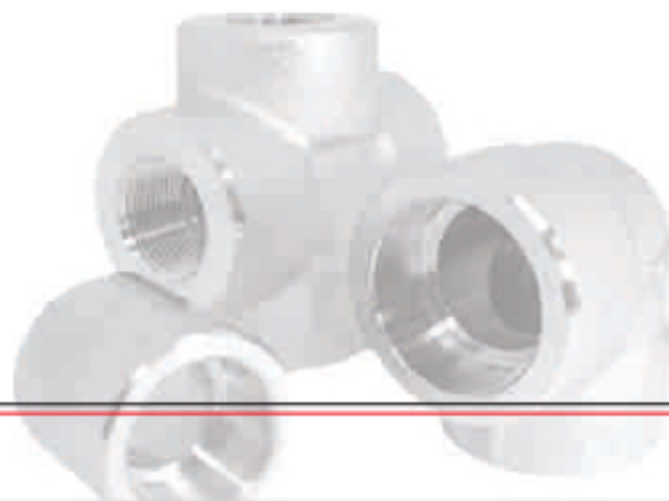
Outlet Sizes	A	B	C	Brazing Surface	F-MIN. MIL-1183
1/4	11/16	1	9/16	0.188	0.700
3/8	13/16	1 1/4	3/4	0.190	0.855
1/2	13/16	1 1/4	3/4	0.190	0.855
3/4	1	1 7/16	7/8	0.220	1.020
1	1 1/16	1 3/4	1 1/8	0.240	1.250
1 1/4	1 1/4	2 1/8	1 7/16	0.270	1.535
1 1/2	1 5/16	2 9/16	1 3/4	0.300	1.900
2	1 3/8	2 7/8	2	0.330	2.160
2 1/2	1 1/2	3 1/2	2 9/16	0.360	2.675
3	1 13/16	4 1/8	3	0.384	3.215
4	2 1/8	5 1/2	4 5/16	0.437	4.400

300# Female Threaded Coupolet

Nominal Outlet Size	Dimensions	A	C	F
1/2	15/16	0.745	1.188	
3/4	1	0.958	1.441	
1	1 3/16	1.188	1.562	
1 1/4	1 5/16	1.550	1.906	
1 1/2	1 9/16	1.780	2.188	
2	1 11/16	2.260	2.750	
2 1/2	1 13/16	2.890	3.386	
3	2 1/2	3.400	4.000	
4	3	4.380	5.000	

Interchangeability or Combination of Sizes

Coupolet Outlet Size Inches	Run Sizes									
1/2	1/2	3/4	1 1/4 -1	8-3	36-10					
3/4	3/4	1	2 - 1 1/4	36-8						
1	1	1 1/4	2 - 1 1/2	8-5	36-10					
1 1/4	1 1/4	1 1/2	2 1/2 - 2	8-5	36-10					
1 1/2	1 1/2	2	2 1/2	8-5	16-10	36-18				
2	2	2 1/2	3	4	5	6	8	10	16-12	36-18
2 1/2	2 1/2	3	3 1/2	5	6	8	12-10	16-14	36-18	
3	3	3 1/2	4	6	8	10	12	14	18-16	36-20
4	5	6	8	14-12	16	18	20	24	36	





Anupam Metals India

Regd. Office: 24/1, 2nd Carpenter Street, Near C. P. Tank, Mumbai - 400004.
Tel: (+91-22) 2381 0301/ 2381 0302 Fax: (+91-22) 2382 4625

Branch Office: G-39, DDA Flats, Behind Raghushree Market, Ajmeri Gate, Delhi - 110008.
Tel: (+91-11) 2323 3521 / 2323 9553 Fax: (+91-11) 2323 6913

Email: info@anupamm Metals.com Website: www.anupamm Metals.com