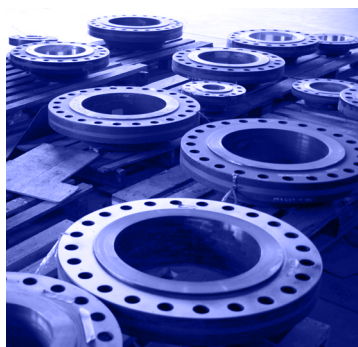
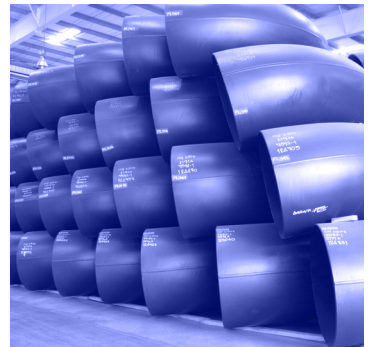



CANADOIL

Product Range & Specifications

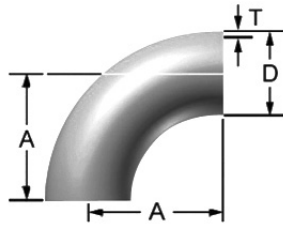
FITTINGS & FABRICATION



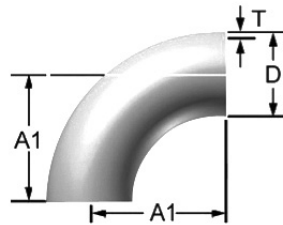
90° Elbow-Long & Short Radius

Dimensions according to ASME B 16.9-2007

Long Radius



Short Radius



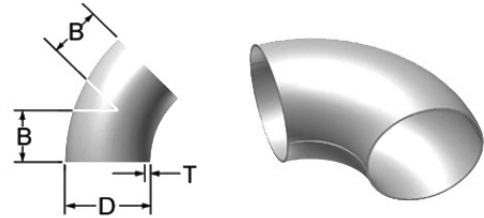
Nominal Pipe Size	Outside Diameter		Long Radius						Short Radius					
			Center to Face		Sch. Standard		Sch. XS		Center to Face		Sch. Standard		Sch. XS	
	D		A		Wall	Wgt.	Wall	Wgt.	A1		Wall	Wgt.	Wall	Wgt.
inch	mm.	inch	mm.	inch	mm	kgs.	mm.	kgs.	mm.	inch	mm.	kgs.	mm.	kgs.
1/2"	21.3	0.84	38	1.5	2.77	0.08	3.73	0.1	-	-	2.77	0.07	3.73	0.09
3/4"	26.7	1.05	38	1.5	2.87	0.09	3.91	0.11	-	-	2.87	0.08	3.91	0.1
1"	33.4	1.32	38	1.5	3.38	0.15	4.55	0.19	25	1	3.38	0.1	4.55	0.13
1 1/4"	42.2	1.66	48	1.88	3.56	0.26	4.85	0.34	32	1.25	3.56	0.17	4.85	0.23
1 1/2"	48.3	1.9	57	2.25	3.68	0.38	5.08	0.48	38	1.5	3.68	0.25	5.08	0.33
2"	60.3	2.38	76	3	3.91	0.68	5.54	0.91	51	2	3.91	0.45	5.54	0.6
2 1/2"	73	2.88	95	3.75	5.16	1.3	7.01	1.73	64	2.5	5.16	0.87	7.01	1.14
3"	88.9	3.5	114	4.5	5.49	2.08	7.62	2.78	76	3	5.49	1.38	7.62	1.83
3 1/2"	101.6	4	133	5.25	5.74	2.92	8.08	3.96	89	3.5	5.74	1.93	8.08	2.61
4"	114.3	4.5	152	6	6.02	3.95	8.56	5.4	102	4	6.02	2.62	8.56	3.58
5"	141.3	5.56	190	7.5	6.55	6.67	9.53	9.34	127	5	6.55	4.42	9.53	6.21
6"	168.3	6.62	229	9	7.11	10.4	10.97	15.5	152	6	7.11	6.89	10.97	10.3
8"	219.1	8.62	305	12	8.18	20.9	12.7	31.3	203	8	8.18	13.8	12.7	20.7
10"	273	10.75	381	15	9.27	37	12.7	49.4	254	10	9.27	24.5	12.7	32.9
12"	323.8	12.75	457	18	9.53	54	12.7	71.2	305	12	9.53	36.1	12.7	47.2
14"	355.6	14	533	21	9.53	69.9	12.7	91.6	356	14	9.53	46.3	12.7	61.2
16"	406.4	16	610	24	9.53	91.2	12.7	120.2	406	16	9.53	61.2	12.7	80.3
18"	457	18	686	27	9.53	116.1	12.7	153.3	457	18	9.53	77.6	12.7	102.1
20"	508	20	762	30	9.53	143.8	12.7	190.1	508	20	9.53	96.2	12.7	126.1
22"	559	22	838	33	9.53	174.6	12.7	230.4	559	22	9.53	117	12.7	154.2
24"	610	24	914	36	9.53	207.7	12.7	274.9	610	24	9.53	138.3	12.7	183.3
26"	660	26	991	39	9.53	244.5	12.7	323.4	660	26	9.53	163.8	12.7	216.8
28"	711	28	1067	42	9.53	308	12.7	385	711	28	9.53	206.8	12.7	258.6
30"	762	30	1143	45	9.53	326.6	12.7	452.3	762	30	9.53	217.7	12.7	287.6
32"	813	32	1219	48	9.53	386	12.7	511	813	32	9.53	236.8	12.7	342
34"	864	34	1295	51	9.53	420	12.7	557.9	864	34	9.53	280	12.7	395
36"	914	36	1372	54	9.53	471.7	12.7	626	914	36	9.53	313.9	12.7	414.1
38"	965	38	1448	57	9.53	544	12.7	717	965	38	9.53	364.9	12.7	480.4
40"	1016	40	1524	60	9.53	590	12.7	794	1016	40	9.53	395.1	12.7	532.1
42"	1067	42	1600	63	9.53	644.1	12.7	852.7	1067	42	9.53	438.2	12.7	590
44"	1118	44	1676	66	9.53	726	12.7	975	1118	44	9.53	486.3	12.7	653.2
46"	1168	46	1753	69	9.53	816	12.7	1055	1168	46	9.53	547.1	12.7	706.7
48"	1219	48	1829	72	9.53	907	12.7	1134	1219	48	9.53	607.8	12.7	759.8
50"	1270	50	1905	75	9.53	966	12.7	1288	1270	50	9.53	673	12.7	896
52"	1321	52	1982	78	9.53	1040	12.7	1454	-	-	-	-	-	-
54"	1372	54	2058	81	9.53	1132	12.7	1523	1372	54	9.53	828	12.7	1103
56"	1422	56	2133	84	9.53	1224	12.7	1630	1422	56	9.53	918	12.7	1223
58"	1473	58	2210	87	9.53	1316	12.7	1753	-	-	-	-	-	-
60"	1524	60	2286	90	9.53	1358	12.7	1809	1524	60	9.53	1129	12.7	1503
62"	1575	62	2363	93	9.53	1772	12.7	1985	-	-	-	-	-	-
64"	1626	64	2439	96	9.53	1890	12.7	2116	-	-	-	-	-	-
66"	1676	66	2514	99	9.53	2010	12.7	2251	-	-	-	-	-	-
68"	1727	68	2591	120	9.53	2135	12.7	2391	-	-	-	-	-	-
70"	1778	70	2667	105	9.53	2264	12.7	2535	-	-	-	-	-	-
72"	1829	72	2744	108	9.53	2396	12.7	2684	-	-	-	-	-	-

Note - Refer to ASME B16.9 for NPS up to 48 in. and MSS SP-75 for NPS above 48 in.

45° Elbow-Long Radius

Dimensions according to ASME B 16.9-2007

Long Radius

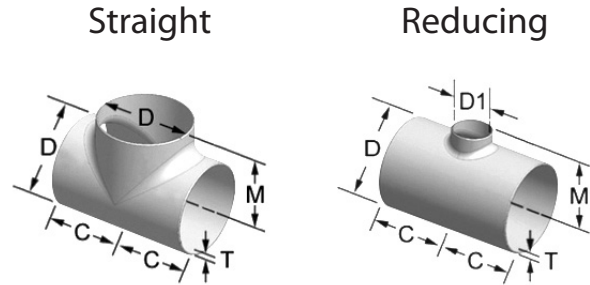


Nominal Pipe Size	Outside Diameter		Center to Face		Cch. Standard		Sch. XS	
	D		B		Wall	Wgt.	Wall	Wgt.
inch	mm.	inch	mm.	inch	mm.	kgs.	mm.	kgs.
1/2"	21.3	0.84	16	0.62	2.77	0.05	3.73	0.07
3/4"	26.7	1.05	19	0.75	2.87	0.06	3.91	0.08
1"	33.4	1.315	22	0.88	3.38	0.11	4.55	0.14
1 1/4"	42.2	1.66	25	1.00	3.56	0.17	4.85	0.22
1 1/2"	48.3	1.9	29	1.12	3.68	0.23	5.08	0.29
2"	60.3	2.375	35	1.38	3.91	0.37	5.54	0.49
2 1/2"	73	2.875	44	1.75	5.16	0.74	7.01	0.95
3"	88.9	3.5	51	2.00	5.49	1.1	7.62	1.47
3 1/2"	101.6	4	57	2.25	5.74	1.49	8.08	2.01
4"	114.3	4.5	64	2.50	6.02	1.95	8.56	2.66
5"	141.3	5.563	79	3.12	6.55	3.31	9.53	4.63
6"	168.3	6.625	95	3.75	7.11	5.13	10.97	7.57
8"	219.1	8.625	127	5.00	8.18	10.3	12.7	15.4
10"	273	10.75	159	6.25	9.27	18.3	12.7	24.4
12"	323.8	12.75	190	7.50	9.53	27	12.7	35.5
14"	355.6	14	222	8.75	9.53	34.7	12.7	45.4
16"	406.4	16	254	10.00	9.53	45.4	12.7	59.9
18"	457	18	286	11.25	9.53	58.1	12.7	76.2
20"	508	20	318	12.50	9.53	71.7	12.7	94.3
22"	559	22	343	13.50	9.53	87.1	12.7	114.8
24"	610	24	381	15.00	9.53	103.9	12.7	137
26"	660	26	406	16.00	9.53	122	12.7	161
28"	711	28	438	17.25	9.53	154	12.7	193
30"	762	30	470	18.50	9.53	162.4	12.7	215.5
32"	813	32	502	19.75	9.53	193	12.7	255
34"	864	34	533	21.00	9.53	210	12.7	279
36"	914	36	565	22.25	9.53	235	12.7	311.2
38"	965	38	600	23.62	9.53	272	12.7	354
40"	1016	40	632	24.88	9.53	295	12.7	397
42"	1067	42	660	26.00	9.53	320.7	12.7	425
44"	1118	44	695	27.38	9.53	363	12.7	488
46"	1168	46	727	28.62	9.53	408	12.7	530
48"	1219	48	759	29.88	9.53	454	12.7	567
50"	1270	50	789	31.00	9.53	483	12.7	644
52"	1321	52	821	32.25	9.53	520	12.7	727
54"	1372	54	852	33.50	9.53	566	12.7	762
56"	1422	56	883	34.75	9.53	612	12.7	815
58"	1473	58	915	36.00	9.53	658	12.7	877
60"	1524	60	947	37.25	9.53	679	12.7	905
62"	1575	62	979	38.50	9.53	886	12.7	993
64"	1626	64	1010	39.75	9.53	945	12.7	1058
66"	1676	66	1041	41.00	9.53	1005	12.7	1125
68"	1727	68	1073	42.25	9.53	1068	12.7	1195
70"	1778	70	1105	43.50	9.53	1132	12.7	1268
72"	1829	72	1136	44.75	9.53	1198	12.7	1342

Note - Refer to ASME B16.9 for NPS up to 48 in. and MSS SP-75 for NPS above 48 in.

Tee-Straight & Reducing

Dimensions according to ASME B 16.9-2007



Nominal Pipe Size		Outside Diameter Run (D)		Outside Diameter Branch (D1)		Center to End (C)		Center to End (M)		Sch. Standard			Sch. XS				
										Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.		
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	inch	mm.	mm.	kgs.	mm.	mm.	kgs.		
3/4"x	3/4"	26.7	1.05	26.7	1.05	29	1.12	29	1.12	2.87	2.87	0.2	3.91	3.91	0.27		
	1/2"			21.3	0.84						2.77	0.25		3.73	0.34		
	3/8"			17.3	0.68						2.31	0.25		3.2	0.34		
1"x	1"	33.4	1.32	33.4	1.32	38	1.5	38	1.5	3.38	3.38	0.29	4.55	4.55	0.35		
	3/4"			26.7	1.05						2.87	0.35		3.91	0.4		
	1/2"			21.3	0.84						2.77	0.34		3.73	0.4		
1 1/4"x	1 1/4"	42.2	1.66	42.2	1.66	48	1.88	48	1.88	3.56	3.56	0.53	4.85	4.85	0.65		
	1"			33.4	1.32						3.38	0.6		4.55	0.6		
	3/4"			26.7	1.05						2.87	0.6		3.91	0.59		
	1/2"			21.3	0.84						2.77	0.6		3.73	0.58		
1 1/2"x	1 1/2"	48.3	1.9	48.3	1.9	57	2.25	57	2.25	3.68	3.68	0.77	5.08	5.08	0.96		
	1 1/4"			42.2	1.66						3.56	0.8		4.85	0.99		
	1"			33.4	1.32						3.38	0.73		4.55	0.96		
	3/4"			26.7	1.05						2.87	0.73		3.91	0.94		
	1/2"			21.3	0.84						2.77	1.35		3.73	1.5		
2"x	2"	60.3	2.38	60.3	2.38	64	2.5	64	2.5	3.91	3.91	1.88	5.54	5.54	1.9		
	1 1/2"			48.3	1.9						3.68	1.5		5.08	2.05		
	1 1/4"			42.2	1.66						3.56	1.46		4.85	2.05		
	1"			33.4	1.32						3.38	1.31		4.55	2.05		
	3/4"			26.7	1.05						2.87	1.29		3.91	2.05		
2 1/2"x	2 1/2"	73	2.88	73	2.88	76	3	76	3	5.16	5.16	2.69	7.01	7.01	3.07		
	2"			60.3	2.38						3.91	2.08		5.54	3.37		
	1 1/2"			48.3	1.9						3.68	2.04		5.08	3.37		
	1 1/4"			42.2	1.66						3.56	1.99		4.85	3.37		
	1"			33.4	1.32						3.38	1.96		4.55	3.37		
3"x	3"	88.9	3.5	88.9	3.5	86	3.38	86	3.38	5.49	5.49	3.82	7.62	7.62	4.5		
	2 1/2"			73	2.88						83.0	3.25		5.16	3	7.01	4.25
	2"			60.3	2.38						76.0	3		3.91	2.9	5.54	4.25
	1 1/2"			48.3	1.9						73.0	2.88		3.68	2.88	5.08	4.25
	1 1/4"			42.2	1.66						70.0	2.75		3.56	2.88	4.85	4.25
3 1/2"	3 1/2"	101.6	4	101.6	4	95	3.75	95	3.75	5.74	5.74	5.18	8.08	8.08	6.17		
	3"			88.9	3.5						92.0	3.62		4.49	4.09	7.62	6.52
	2 1/2"			73	2.88						89.0	3.5		5.16	3.99	7.01	6.52
	2"			60.3	2.38						83.0	3.25		3.91	3.85	5.54	6.52
	1 1/2"			48.3	1.9						79.0	3.12		3.68	3.85	5.08	6.52
4"x	4"	114.3	4.5	114.3	4.5	105	4.12	105	4.12	6.02	6.02	6	8.56	8.56	8.44		
	3 1/2"			101.6	4						102.0	4		5.74	5.27	8.08	7.5
	3"			88.9	3.5						99.0	3.88		5.49	5.18	7.62	7.5
	2 1/2"			73	2.88						95	3.75		5.16	5.13	7.01	7.5
	2"			60.3	2.38						89.0	3.5		3.91	4.99	5.54	7.5
	1 1/2"			48.3	1.9						86.0	3.38		3.68	4.95	5.08	7.5

All weights are approximate

Tee-Straight & Reducing

Dimensions according to ASME B 16.9-2007

Nominal Pipe Size		Outside Diameter Run (D)		Outside Diameter Branch (D1)		Center to End (C)		Center to End (M)		Sch. Standard			Sch. X5		
										Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	inch	mm.	mm.	kgs.	mm.	mm.	kgs.
5"x	5"	141.3	5.56	141.3	5.56	124	4.88	124	4.88	6.55	6.55	9.94	9.53	9.53	12.94
	4"			114.3	4.5			117	4.62		6.02	8.22		8.56	12.1
	3 1/2"			101.6	4			114	4.5		5.74	8.08		8.08	12.1
	3"			88.9	3.5			111	4.38		5.49	7.99		7.62	12.1
	2 1/2"			73	2.88			108	4.25		5.16	7.9		7.01	12.1
	2"			60.3	2.38			105	4.12		3.91	7.81		5.54	12.1
6"x	6"	168.3	6.62	168.3	6.62	143	5.62	143	5.62	7.11	7.11	16.48	10.97	10.97	19.3
	5"			141.3	5.56			137	5.38		6.55	16		9.53	18
	4"			114.3	4.5			130	5.12		6.02	16		8.56	18
	3 1/2"			101.6	4			127	5		5.74	16		8.08	18
	3"			88.9	3.5			124	4.88		5.49	16		7.62	18
	2 1/2"			73	2.88			121	4.75		5.16	16		7.01	18
8"x	8"	219.1	8.62	219.1	8.62	178	7	178	7	8.18	8.18	33	12.7	12.7	34.5
	6"			168.3	6.62			168	6.62		7.11	28		10.97	34
	5"			141.3	5.56			162	6.38		6.55	28		9.53	34
	4"			114.3	4.5			155.0	6.12		6.02	28		8.56	34
	3 1/2"			101.6	4			152	6		5.74	28		8.08	34
10"x	10"	273	10.75	273	10.75	216	8.5	216	8.5	9.27	9.27	49.35	12.7	12.7	58.75
	8"			219.1	8.62			203	8		8.18	41		12.7	58
	6"			168.3	6.62			194	7.62		7.11	41		10.97	52
	5"			141.3	5.56			191	7.5		6.55	41		9.53	52
	4"			114.3	4.5			184	7.25		6.02	41		8.56	52
12"x	12"	323.8	12.75	323.8	12.75	254	10	254	10	9.53	9.53	65	12.7	12.7	84.9
	10"			273	10.75			241	9.5		9.27	63		12.7	85
	8"			219.1	8.62			229	9		8.18	63		12.7	82
	6"			168.3	6.62			219	8.62		7.11	63		10.97	82
	5"			141.3	5.56			216	8.5		6.55	63		9.53	82
14"x	14"	355.6	14	355.6	14	279	11	279	11	9.53	9.53	93	12.7	12.7	127.12
	12"			323.8	12.75			270	10.62		9.53	111		12.7	127
	10"			273	10.75			257	10.12		9.27	107		12.7	127
	8"			219.1	8.62			248	9.75		8.18	107		12.7	122
	6"			168.3	6.62			238	9.38		7.11	107		10.97	122
16"x	16"	406.4	16	406.4	16	305	12	305	12	9.53	9.53	115	12.7	12.7	167.52
	14"			355.6	14			305	12		9.53	119		12.7	167
	12"			323.8	12.75			295	11.62		9.53	119		12.7	167
	10"			273	10.75			282	11.12		9.27	116		12.7	160
	8"			219.1	8.62			273	10.75		8.18	116		12.7	160
	6"			168.3	6.62			264	10.38		7.11	116		10.97	160
18"x	18"	457	18	457	18	343	13.5	343	13.5	9.53	9.53	135	12.7	12.7	190
	16"			406.4	16			330	13		9.53	135		190	
	14"			355.6	14			330	13		9.53	135		190	
	12"			323.8	12.75			321	12.62		9.53	135		164	
	10"			273	10.75			308	12.12		9.27	129		164	
	8"			219.1	8.62			298	11.75		8.18	129		154	
20"x	20"	508	20	508	20	381	15	381	15	9.53	9.53	168	12.7	12.7	245
	18"			457	18			368	14.5		9.53	168		218	
	16"			406.4	16			356	14		9.53	168		218	
	14"			355.6	14			356	14		9.53	163		214	
	12"			323.8	12.75			346	13.62		9.53	163		214	
	10"			273	10.75			333	13.12		9.27	163		214	
	8"			219.1	8.62			324	12.75		8.18	163		214	
	22"x			22"	559			22	559		22	419		16.5	419	16.5	9.53	9.53	200	12.7	12.7	280
20"	508	20	406	16		9.53	220		280						
18"	457	18	394	15.5		9.53	209		260						
16"	406.4	16	381	15		9.53	209		260						
14"	355.6	14	381	15		9.53	172		245						
12"	323.8	12.75	371	14.62		9.53	172		245						
10"	273	10.75	359	14.12		9.27	172		245						

All weights are approximate

Tee-Straight & Reducing

Dimensions according to ASME B 16.9-2007

Nominal Pipe Size		Outside Diameter Run (D)		Outside Diameter Branch (D1)		Center to End (C)		Center to End (M)		Sch. Standard			Sch. X5											
										Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.									
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	inch	mm.	mm.	kgs.	mm.	mm.	kgs.									
24"x	24"	610	24	610	24	432	17	432	17	9.53	9.53	240	12.7	12.7	350									
	22"			559	22			432	17			9.53			227	350								
	20"			508	20			432	17			9.53			227	350								
	18"			457	18			419	16.5			9.53			227	320								
	16"			406.4	16			406	16			9.53			222	320								
	14"			355.6	14			406	16			9.53			222	300								
	12"			323.8	12.75			397	15.62			9.53			218	300								
	10"			273	10.75			384	15.12			9.27			204	300								
26"x	26"	660	26	660	26	495	19.5	495	19.5	9.53	9.53	288	12.7	12.7	360.5									
	24"			610	24			483	19			280			350									
	22"			559	22			470	18.5			272			340									
	20"			508	20			457	18			264			330									
	18"			457	18			445	17.5			255			323									
	16"			406.4	16			432	17			247			309									
28"x	28"	711	28	711	28	521	20.5	521	20.5	9.53	9.53	337	12.7	12.7	421.1									
	26"			660	26			521	20.5			325.2			410.5									
	24"			610	24			508	20			319.8			400.5									
	22"			559	22			495	19.5			310.7			390									
	20"			508	20			483	19			301.6			380									
	18"			457	18			470	18.5			292.1			368.8									
	16"			406.4	16			457	18			283			357									
	30"x			30"	762			30	762			30			559	22	559	22	9.53	9.53	388.5	12.7	12.7	483.5
28"		711	28	546		21.5	380		475															
26"		660	26	546		21.5	372		463															
24"		610	24	533		21	361		452															
22"		559	22	521		20.5	351		441															
20"		508	20	508		20	340		429															
18"		457	18	495		19.5	330		417															
32"x		32"	813	32		813	32		597	23.5	597	23.5	9.53	9.53			541	12.7			12.7			559
	30"	762			30	584	23	506			628													
	28"	711			28	572	22.5	493			616													
	26"	660			26	572	22.5	482			605													
	24"	610			24	559	22	472			591													
	22"	559			22	546	21.5	460			577													
	20"	508			20	533	21	448			562													
	34"x	34"			864	34	864	34			635	25			635	25	9.53		9.53	516		12.7	12.7	645
32"		813	32	622			24.5	506	658															
30"		762	30	610			24	493	616															
28"		711	28	597			23.5	482	605															
26"		660	26	597			23.5	472	591															
24"		610	24	584			23	460	577															
22"		559	22	572			22.5	448	562															
20"		508	20	559			22	436	547															
36"x		36"	914	36			914	36	673	26.5			673	26.5	9.53	9.53		587.5		12.7	12.7			731
		34"					864	34					660	26				574						715
	32"	813			32	648	25.5	561			700													
	30"	762			30	635	25	548			685													
	28"	711			28	622	24.5	537			670													
	26"	660			26	622	24.5	526			654													
	24"	610			24	610	24	513			643													
	22"	559			22	597	23.5	502			622													
	20"	508			20	584	23	493			621													

All weights are approximate

Tee-Straight & Reducing

Dimensions according to ASME B 16.9-2007

Nominal Pipe Size		Outside Diameter Run (D)		Outside Diameter Branch (D1)		Center to End (C)		Center to End (M)		Sch. Standard			Sch. XS		
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	inch	Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	inch	mm.	mm.	kgs.	mm.	mm.	kgs.
38"x	38"	965	38	965	38	711	28	711	28	9.53	9.53	567	12.7	12.7	680
	36"			914	36			711	28			555			668
	34"			864	34			699	27.5			543			656
	32"			813	32			686	27			531			644
	30"			762	30			673	26.5			529			632
	28"			711	28			648	25.5			517			620
	26"			660	26			648	25.5			505			608
	24"			610	24			635	25			493			596
40"x	40"	1016	40	1016	40	749	29.5	749	29.5	9.53	9.53	690	12.7	12.7	894.5
	38"			965	38			749	29.5			664			875
	36"			914	36			737	29			659			840
	34"			864	34			724	28.5			659			840
	32"			813	32			711	28			643			802
	30"			762	30			699	27.5			627			763
	28"			711	28			673	26.5			611			740
	26"			660	26			673	26.5			595			723
42"x	42"	1067	42	1067	42	762	30	711	28	9.53	9.53	831	12.7	12.7	1112.5
	40"			1016	40			775	30.5			666			799
	38"			965	38			775	30.5			654			787
	36"			914	36			711	28			818			1045
	34"			864	34			711	28			772			999
	32"			813	32			711	28			772			999
	30"			762	30			711	28			772			999
	28"			711	28			699	27.5			750			955
44"x	44"	1118	44	1118	44	813	32	762	30	9.53	9.53	906	12.7	12.7	906
	42"			1067	42			762	30			894			894
	40"			1016	40			749	29.5			882			882
	38"			965	38			737	29			870			870
	36"			914	36			724	28.5			858			858
	34"			864	34			724	28.5			846			846
	32"			813	32			711	28			834			834
	30"			762	30			711	28			822			822
46"x	46"	1168	46	1168	46	851	33.5	800	31.5	9.53	9.53	970	12.7	12.7	970
	44"			1118	44			800	31.5			958			958
	42"			1067	42			787	31			946			946
	40"			1016	40			775	30.5			934			934
	38"			965	38			762	30			922			922
	36"			914	36			762	30			910			910
	34"			864	34			749	29.5			898			898
	32"			813	32			749	29.5			886			886
48"x	48"	1219	48	1219	48	889	35	838	33	9.53	9.53	1112.5	12.7	12.7	1498.5
	46"			1168	46			838	33			1090			1307
	44"			1118	44			838	33			1090			1307
	42"			1067	42			813	32			1067			1272
	40"			1016	40			813	32			1067			1272
	38"			965	38			813	32			1044			1238
	36"			914	36			787	31			1022			1203
	34"			864	34			787	31			1022			1203
32"	813	32	787	31	1000	1170									
30"	762	30	762	30	1000	1170									

All weights are approximate

Tee-Straight & Reducing

Dimensions according to ASME B 16.9-2007

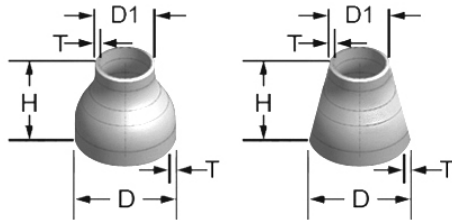
Nominal Pipe Size		Outside Diameter Run (D)		Outside Diameter Branch (D1)		Center to End (C)		Center to End (M)		Sch. Standard			Sch. X5		
										Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	inch	mm.	mm.	kgs.	mm.	mm.	kgs.
50"x	50"	1270	50	1270	50	933	36.75	876	34.5	9.53	9.53	1191	12.7	12.7	1191
	48"			1219	48			876	34.5			1179			1179
	46"			1168	46			864	34			1167			1167
	44"			1118	44			864	34			1155			1155
	42"			1067	42			838	33			1143			1143
	40"			1016	40			838	33			1131			1131
	38"			965	38			838	33			1119			1119
	36"			914	36			826	32.5			1107			1107
	34"			864	34			813	32			1095			1095
	32"			813	32			813	32			1083			1083
52"x	52"	1321	52	1321	52	978	38.5	908	35.75	9.53	9.53	1294	12.7	12.7	1294
	50"			1270	50			908	35.75			1191			1191
	48"			1219	48			902	35.5			1179			1179
	46"			1168	46			889	35			1167			1167
	44"			1118	44			889	35			1155			1155
	42"			1067	42			905	35.63			1143			1143
	40"			1016	40			864	34			1131			1131
	38"			965	38			864	34			1119			1119
	36"			914	36			889	35			1107			1107
	34"			864	34			838	33			1095			1095
54"x	54"	1372	54	1372	54	1016	40	946	37.25	9.53	9.53	1402	12.7	12.7	1402
	52"			1321	52			946	37.25			1390			1390
	50"			1270	50			933	36.75			1378			1378
	48"			1219	48			946	37.25			1366			1366
	46"			1168	46			914	36			1354			1354
	44"			1118	44			914	36			1342			1342
	42"			1067	42			905	35.63			1330			1330
	40"			1016	40			889	35			1318			1318
	38"			965	38			889	35			1306			1306
	36"			914	36			889	35			1294			1294
56"x	56"	1422	56	1422	56	1054	41.5	978	38.5	9.53	9.53	1531	12.7	12.7	1531
	54"			1372	54			978	38.5			1519			1519
	52"			1321	52			972	38.25			1507			1507
	50"			1270	50			959	37.75			1495			1495
	48"			1219	48			940	37			1483			1483
	46"			1168	46			940	37			1471			1471
	44"			1118	44			940	37			1459			1459
	42"			1067	42			927	36.5			1447			1447
	40"			1016	40			914	36			1435			1435
	38"			965	38			914	36			1423			1423
60"x	60"	1524	60	1524	60	1118	44	1054	41.5	9.53	9.53	1677	12.7	12.7	1677
	58"			1473	58			1054	41.5			1665			1665
	56"			1422	56			1041	41			1653			1663
	54"			1372	54			1029	40.5			1641			1641
	52"			1321	52			1022	40.25			1629			1629
	50"			1270	50			1010	39.75			1617			1617
	48"			1219	48			1016	40			1605			1605
	46"			1168	46			991	39			1593			1593
	44"			1118	44			991	39			1581			1581
	42"			1067	42			991	39			1569			1569

All weights are approximate

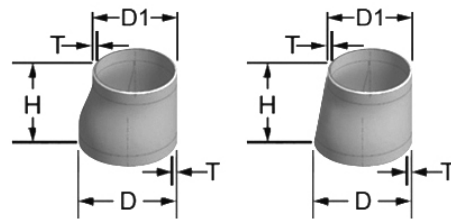
Reducer-Concentric & Eccentric

Dimensions according to ASME B 16.9-2007

Concentric



Eccentric



Nominal Pipe Size		Outside Diameter		Outside Diameter		Length		Sch. Standard			Sch. XS		
inch	inch	mm.	inch	mm.	inch	mm.	inch	Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.
								mm.	mm.	kgs.	mm.	mm.	kgs.
3/4"x	1/2"	26.7	1.05	21.3	0.84	38	1.5	2.87	2.72	0.07	3.91	3.73	0.1
	3/8"			17.3	0.68				3.31	0.17		3.2	0.1
1"x	3/4"	33.4	1.32	26.7	1.05	51	2	3.38	2.87	0.14	4.55	3.91	0.17
	1/2"			21.3	0.84				2.77	0.14		3.73	0.16
1 1/4"x	1"	42.2	1.66	33.4	1.32	51	2	3.56	3.38	0.2	4.85	4.55	0.24
	3/4"			26.7	1.05				2.87	0.2		3.91	0.23
	1/2"			21.3	0.84				2.77	0.19		3.73	0.22
1 1/2"x	1 1/4"	48.3	1.9	42.2	1.66	64	2.5	3.68	3.56	0.26	5.08	4.85	0.33
	1"			33.4	1.32				3.38	0.24		4.55	0.31
	3/4"			26.7	1.05				2.87	0.22		3.91	0.27
	1/2"			21.3	0.84				2.77	0.2		3.73	0.28
2"x	1 1/2"	60.3	2.38	48.3	1.9	76	3	3.91	3.68	0.41	5.54	5.08	0.54
	1 1/4"			42.2	1.66				3.56	0.39		4.85	0.53
	1"			33.4	1.32				3.38	0.37		4.55	0.45
	3/4"			26.7	1.05				2.87	0.33		3.91	0.46
2 1/2"x	2"	73	2.88	60.3	2.38	89	3.5	5.16	3.91	0.73	7.01	5.54	0.94
	1 1/2"			48.3	1.9				3.68	0.68		5.08	0.86
	1 1/4"			42.2	1.66				3.56	0.67		4.85	0.79
	1"			33.4	1.32				3.38	0.59		4.55	0.79
	3/4"			26.7	1.05				2.87	0.59		4.55	0.79
3"x	2 1/2"	88.9	3.5	73	2.88	89	3.5	5.49	5.16	0.98	7.62	7.01	1.29
	2"			60.3	2.38				3.91	0.91		5.54	1.18
	1 1/2"			48.3	1.9				3.68	0.86		5.08	1.04
	1 1/4"			42.2	1.66				3.56	0.77		4.85	1.04
	1"			33.4	1.32				3.38	0.77		4.85	1.04
3 1/2"x	3"	101.6	4	88.9	3.5	102	4	5.74	5.49	1.38	8.08	7.62	1.85
	2 1/2"			73	2.88				5.16	1.34		7.01	1.75
	2"			60.3	2.38				3.91	1.23		5.54	1.61
	1 1/2"			48.3	1.9				3.68	1.14		5.08	1.43
	1"			33.4	1.32				3.38	1.14		5.08	1.43
4"x	3 1/2"	114.3	4.5	101.6	4	102	4	6.02	5.74	1.64	8.56	8.08	2.21
	3"			88.9	3.5				5.49	1.59		7.62	2.13
	2 1/2"			73	2.88				5.16	1.52		7.01	2.01
	2"			60.3	2.38				3.91	1.44		5.54	1.78
	1 1/2"			48.3	1.9				3.68	1.24		5.08	1.78
5"x	4"	141.3	5.56	114.3	4.5	127	5	6.55	6.02	8.56	9.53	8.56	3.78
	3 1/2"			101.6	4				5.74	8.08		8.08	3.65
	3"			88.9	3.5				5.49	7.62		7.62	3.55
	2 1/2"			73	2.88				5.16	7.01		7.01	3.3
	2"			60.3	2.38				3.91	5.54		5.54	3
6"x	5"	168.3	6.62	141.3	5.56	140	5.5	7.11	6.55	3.93	10.97	9.53	5.72
	4"			114.3	4.5				6.02	3.72		8.56	5.45
	3 1/2"			101.6	4				5.74	3.69		8.08	5.27
	3"			88.9	3.5				5.49	3.63		7.62	5.04
	2 1/2"			73	2.88				5.16	3.45		7.01	4.52

* Reducer length (H) is not mandatory for outside diameter over 48".
Length to be agreed between purchaser and manufacturer.

All weights are approximate

Reducer-Concentric & Eccentric

Dimensions according to ASME B 16.9-2007

Nominal Pipe Size		Outside Diameter		Outside Diameter		Length		Sch. Standard			Sch. XS		
		D		D1		H		Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	mm.	kgs.	mm.	mm.	kgs.
8"x	6"	219.1	8.62	168.3	6.62	152	6	8.18	7.11	6.31	12.7	10.97	9.26
	5"			141.3	5.56				6.55	6.08		9.53	8.85
	4"			114.3	4.5				6.02	5.95		8.56	8.44
	3 1/2"			101.6	4				5.74	5.81		8.08	7.31
10"x	8"	273	10.75	219.1	8.62	178	7	9.27	8.18	10.5	12.7	12.7	14.2
	6"			168.3	6.62				7.11	10.1		10.97	13.5
	5"			141.3	5.56				6.55	9.9		9.53	13
	4"			114.3	4.5				6.02	9.58		8.56	11.5
12"x	10"	323.8	12.75	273	10.75	203	8	9.53	9.27	15.2	12.7	12.7	19.8
	8"			219.1	8.62				8.18	14.6		12.7	19.08
	6"			168.3	6.62				7.11	14.1		10.97	18.4
	5"			141.3	5.56				6.55	13.8		9.53	17.7
14"x	12"	355.6	14	323.8	12.75	330	13	9.53	9.53	28.8	12.7	12.7	37.7
	10"			273	10.75				9.27	27.4		12.7	36.1
	8"			219.1	8.62				8.18	26		12.7	34.9
	6"			168.3	6.62				7.11	25.3		10.97	33.7
16"x	14"	406.4	16	355.6	14	356	14	9.53	9.53	35.2	12.7	12.7	46.3
	12"			323.8	12.75				9.53	34.3		12.7	45
	10"			273	10.75				9.27	33.1		12.7	43.7
	8"			219.1	8.62				8.18	31.9		12.7	42.6
	6"			168.3	6.62				7.11	31.9		10.97	42.6
18"x	16"	457	18	406.4	16	381	15	9.53	9.53	42.7	12.7	12.7	55.8
	14"			355.6	14				9.53	41.3		12.7	54.5
	12"			323.8	12.75				9.53	40.5		12.7	53.6
	10"			273	10.75				9.27	39.4		12.7	51.8
	8"			219.1	8.62				8.18	39.4		12.7	51.8
20"x	18"	508	20	457	18	508	20	9.53	9.53	64.5	12.7	12.7	84.4
	16"			406.4	16				9.53	62.6		12.7	82.6
	14"			355.6	14				9.53	61.3		12.7	81.3
	12"			323.8	12.75				9.53	60.8		12.7	79.9
	10"			273	10.75				9.27	60.8		12.7	79.9
	8"			219.1	8.62				8.18	60.8		12.7	79.9
22"x	20"	559	22	508	20	508	20	9.53	9.53	71.3	12.7	12.7	94
	18"			457	18				9.53	69.9		12.7	91.7
	16"			406.4	16				9.53	68.5		12.7	89.9
	14"			355.6	14				9.53	67.2		12.7	88.5
	12"			323.8	12.75				9.53	67.2		12.7	88.5
	10"			273	10.75				9.27	67.2		12.7	88.5
24"x	22"	610	24	559	22	508	20	9.53	9.53	75.8	12.7	12.7	99.9
	20"			508	20				9.53	75.8		12.7	99.9
	18"			457	18				9.53	74		12.7	97.6
	16"			406.4	16				9.53	72.6		12.7	95.8
	14"			355.6	14				9.53	72.6		12.7	95.8
	12"			323.8	12.75				9.53	72.6		12.7	95.8
	10"			273	10.75				9.27	72.6		12.7	95.8
	8"			219.1	8.62				8.18	72.6		12.7	95.8
26"x	24"	660	26	610	24	610	24	9.53	9.53	90.7	12.7	12.7	123
	22"			559	22				9.53	89.9		12.7	123
	20"			508	20				9.53	89.9		12.7	123
	18"			457	18				9.53	89.9		12.7	123
	16"			406.4	16				9.53	89.9		12.7	123
28"x	26"	711	28	660	26	610	24	9.53	9.53	95.3	12.7	12.7	132
	24"			610	24				9.53	95.3		12.7	132
	22"			559	22				9.53	95.3		12.7	132
	20"			508	20				9.53	95.3		12.7	132
	18"			457	18				9.53	95.3		12.7	132
	16"			406.4	16				9.53	95.3		12.7	132

* Reducer length (H) is not mandatory for outside diameter over 48".
Length to be agreed between purchaser and manufacturer.

All weights are approximate

Reducer-Concentric & Eccentric

Dimensions according to ASME B 16.9-2007

Nominal Pipe Size		Outside Diameter		Outside Diameter		Length		Sch. Standard			Sch. XS		
		D		D1		H		Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	mm.	kgs.	mm.	mm.	kgs.
30"x	28"	762	30	711	28	610	24	9.53	9.53	100	12.7	12.7	143
	26"			660	26								
	24"			610	24								
	22"			559	22								
	20"			508	20								
	18"			457	18								
32"x	30"	813	32	762	30	610	24	9.53	9.53	115	12.7	12.7	150
	28"			711	28								
	26"			660	26								
	24"			610	24								
	22"			559	22								
	20"			508	20								
34"x	32"	864	34	813	32	610	24	9.53	9.53	112	12.7	12.7	157
	30"			762	30								
	28"			711	28								
	26"			660	26								
	24"			610	24								
	22"			559	22								
	20"			508	20								
	36"x			34"	914									36	864	34	610	24	9.53	9.53	129	12.7	12.7	172
32"		813	32										
30"		762	30										
28"		711	28										
26"		660	26										
24"		610	24										
22"		559	22										
20"		508	20										
38"x		36"	965	38		914	36	610	24	9.53	9.53	136	12.7		12.7	186
	34"	864			34								
	32"	813			32								
	30"	762			30								
	28"	711			28								
	26"	660			26								
	24"	610			24								
40"x	38"	1016	40	965	38	610	24	9.53	9.53	143	12.7	12.7	193
	36"			914	36								
	34"			864	34								
	32"			813	32								
	30"			762	30								
	28"			711	28								
	26"			660	26								
	24"			610	24								
42"x	40"	1067	42	1016	40	610	24	9.53	9.53	152	12.7	12.7	201
	38"			965	38								
	36"			914	36								
	34"			864	34								
	32"			813	32								
	30"			762	30								
	28"			711	28								
	26"			660	26								
	24"			610	24								

* Reducer length (H) is not mandatory for outside diameter over 48".
Length to be agreed between purchaser and manufacturer.

All weights are approximate

Reducer-Concentric & Eccentric

Dimensions according to ASME B 16.9-2007

Nominal Pipe Size		Outside Diameter		Outside Diameter		Length		Sch. Standard			Sch. XS		
		D		D1		H		Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	mm.	kgs.	mm.	mm.	kgs.
44"x	42"	1118	44	1067	42	610	24	9.53	9.53	159	12.7	12.7	211
	40"			1016	40								
	38"			965	38								
	36"			914	36								
	34"			864	34								
	32"			813	32								
	30"			762	30								
46"x	44"	1168	46	1118	44	711	28	9.53	9.53	170	12.7	12.7	225
	42"			1067	42								
	40"			1016	40								
	38"			965	38								
	36"			914	36								
	34"			864	34								
	30"			762	30								
48"x	46"	1219	48	1168	46	711	28	9.53	9.53	181	12.7	12.7	238
	44"			1118	44								
	42"			1067	42								
	40"			1016	40								
	38"			965	38								
	36"			914	36								
	34"			864	34								
	32"			813	32								
	30"			762	30								
50"x	48"	1270	50	1219	48	711	28	9.53	9.53	206	12.7	12.7	275
	46"			1168	46								
	44"			1118	44								
	42"			1067	42								
	40"			1016	40								
	38"			965	38								
	36"			914	36								
	34"			864	34								
	32"			813	32								
	30"			762	30								
52"x	50"	1321	52	1270	50	711	28	9.53	9.53	215	12.7	12.7	286
	48"			1219	48								
	46"			1168	46								
	44"			1118	44								
	42"			1067	42								
	40"			1016	40								
	38"			965	38								
	36"			914	36								
	34"			864	34								
	32"			813	32								
54"x	52"	1372	54	1321	52	711	28	9.53	9.53	223	12.7	12.7	298
	50"			1270	50								
	48"			1219	48								
	46"			1168	46								
	44"			1118	44								
	42"			1067	42								
	40"			1016	40								
	38"			965	38								
	36"			914	36								
	34"			864	34								

* Reducer length (H) is not mandatory for outside diameter over 48".
Length to be agreed between purchaser and manufacturer.

All weights are approximate

Reducer-Concentric & Eccentric

Dimensions according to ASME B 16.9-2007

Nominal Pipe Size		Outside Diameter		Outside Diameter		Length		Sch. Standard			Sch. XS		
		D		D1		H		Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	mm.	kgs.	mm.	mm.	kgs.
56"x	54"	1422	56	1372	54	711	28	9.53	9.53	232	12.7	12.7	309
	52"			1321	52								
	50"			1270	50								
	48"			1219	48								
	46"			1168	46								
	44"			1118	44								
	42"			1067	42								
	40"			1016	40								
	38"			965	38								
	36"			914	36								
58"x	56"	1473	58	1422	56	711	28	9.53	9.53	240	12.7	12.7	320
	54"			1372	54								
	52"			1321	52								
	50"			1270	50								
	48"			1219	48								
	46"			1168	46								
	44"			1118	44								
	42"			1067	42								
	40"			1016	40								
	38"			965	38								
60"x	58"	1524	60	1473	58	711	28	9.53	9.53	249	12.7	12.7	332
	56"			1422	56								
	54"			1372	54								
	52"			1321	52								
	50"			1270	50								
	48"			1219	48								
	46"			1168	46								
	44"			1118	44								
	42"			1067	42								
	62"x			60"	1575									62	1524	60	914	36	9.53	9.53	337	12.7	12.7	448
58"		1473	58										
56"		1422	56										
54"		1372	54										
52"		1321	52										
50"		1270	50										
48"		1219	48										
46"		1168	46										
44"		1118	44										
42"		1067	42										
64"x	62"	1626	64	1575	62	914	36	9.53	9.53	348	12.7	12.7	492
	60"			1524	60								
	58"			1473	58								
	56"			1422	56								
	54"			1372	54								
	52"			1321	52								
	50"			1270	50								
	48"			1219	48								
	46"			1168	46								
	44"			1118	44								

* Reducer length (H) is not mandatory for outside diameter over 48".
Length to be agreed between purchaser and manufacturer.

All weights are approximate

Reducer-Concentric & Eccentric

Dimensions according to ASME B 16.9-2007

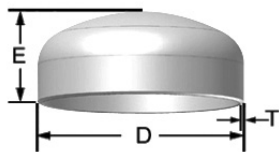
Nominal Pipe Size		Outside Diameter		Outside Diameter		Length		Sch. Standard			Sch. XS		
		D		D1		H		Wall D	Wall D1	Wgt.	Wall D	Wall D1	Wgt.
inch	inch	mm.	inch	mm.	inch	mm.	inch	mm.	mm.	kgs.	mm.	mm.	kgs.
66"x	64"	1676	66	1626	64	914	36	9.53	9.53	359	12.7	12.7	477
	62"			1575	62								
	60"			1524	60								
	58"			1473	58								
	56"			1422	56								
	54"			1372	54								
	52"			1321	52								
	50"			1270	50								
	48"			1219	48								
	46"			1168	46								
68"x	66"	1727	68	1676	66	914	36	9.53	9.53	370	12.7	12.7	492
	64"			1626	64								
	62"			1575	62								
	60"			1524	60								
	58"			1473	58								
	56"			1422	56								
	54"			1372	54								
	52"			1321	52								
	50"			1270	50								
	48"			1219	48								
70"x	68"	1778	70	1727	68	914	36	9.53	9.53	381	12.7	12.7	507
	66"			1676	66								
	64"			1626	64								
	62"			1575	62								
	60"			1524	60								
	58"			1473	58								
	56"			1422	56								
	54"			1372	54								
	52"			1321	52								
	50"			1270	50								
72"x	70"	1829	72	1778	70	914	36	9.53	9.53	392	12.7	12.7	521
	68"			1727	68								
	66"			1676	66								
	64"			1626	64								
	62"			1575	62								
	60"			1524	60								
	58"			1473	58								
	56"			1422	56								
	54"			1372	54								
	52"			1321	52								

* Reducer length (H) is not mandatory for outside diameter over 48".
Length to be agreed between purchaser and manufacturer.

All weights are approximate

Cap

Dimensions according to ASME B 16.9-2007



Nominal Pipe Size	Outside Diameter		Height		Height		Sch. Standard		Sch. XS	
	D		E		E*		Wall	Wgt.	Wall	Wgt.
inch	mm.	inch	mm.	inch	mm.	inch	mm.	kgs.	mm.	kgs.
1/2"	21	0.840	25	1.000	25	1.000	2.77	0.03	3.73	0.05
3/4"	27	1.050	25	1.000	25	1.000	2.87	0.06	3.91	0.10
1"	33	1.315	38	1.500	38	1.500	3.38	0.10	4.55	0.13
1 1/4"	42	1.660	38	1.500	38	1.500	3.56	0.14	4.85	0.19
1 1/2"	48	1.900	38	1.500	38	1.500	3.68	0.20	5.08	0.23
2"	60	2.375	38	1.500	44	1.750	3.91	0.25	5.54	0.30
2 1/2"	73	2.875	38	1.500	51	2.000	5.16	0.35	7.01	0.45
3"	89	3.500	51	2.000	64	2.500	5.49	0.70	7.62	0.85
3 1/2"	102	4.000	64	2.500	76	3.000	5.74	1.00	8.08	1.30
4"	114	4.500	64	2.500	76	3.000	6.02	1.10	8.56	1.60
5"	141	5.563	76	3.000	89	3.500	6.55	2.00	9.53	2.70
6"	168	6.625	89	3.500	102	4.000	7.11	3.00	10.97	4.40
8"	219	8.625	102	4.000	127	5.000	8.18	5.50	12.70	8.35
10"	273	10.750	127	5.000	152	6.000	9.27	9.00	12.70	13.60
12"	324	12.750	152	6.000	178	7.000	9.53	15.00	12.70	22.50
14"	356	14.000	165	6.500	191	7.500	9.53	16.00	12.70	27.00
16"	406	16.000	178	7.000	203	8.000	9.53	21.00	12.70	31.50
18"	457	18.000	203	8.000	229	9.000	9.53	26.00	12.70	36.00
20"	508	20.000	229	9.000	254	10.000	9.53	32.00	12.70	42.00
22"	559	22.000	254	10.000	254	10.000	9.53	39.00	12.70	51.00
24"	610	24.000	267	10.500	305	12.000	9.53	46.00	12.70	60.00
26"	660	26.000	267	10.500	267	10.500	9.53	49.80	12.70	66.10
28"	711	28.000	267	10.500	267	10.500	9.53	56.00	12.70	74.81
30"	762	30.000	267	10.500	267	10.500	9.53	62.00	12.70	82.80
32"	813	32.000	267	10.500	267	10.500	9.53	68.00	12.70	93.40
34"	864	34.000	267	10.500	267	10.500	9.53	72.60	12.70	96.91
36"	914	36.000	267	10.500	267	10.500	9.53	79.40	12.70	107.00
38"	965	38.000	305	12.000	305	12.000	9.53	86.20	12.70	124.70
40"	1016	40.000	305	12.000	305	12.000	9.53	95.30	12.70	129.30
42"	1067	42.000	305	12.000	305	12.000	9.53	104.00	12.70	136.00
44"	1118	44.000	343	13.500	343	13.500	9.53	120.20	12.70	167.80
46"	1168	46.000	343	13.500	343	13.500	9.53	136.00	12.70	186.00
48"	1219	48.000	343	13.500	343	13.500	9.53	159.00	12.70	215.50
50"	1270	50.000	381	15.000	381	15.000	9.53	193.00	12.70	256.00
52"	1321	52.000	381	15.000	381	15.000	9.53	208.00	12.70	271.00
54"	1372	54.000	381	15.000	381	15.000	9.53	223.00	12.70	286.00
56"	1422	56.000	432	17.000	432	17.000	9.53	270.00	12.70	341.00
58"	1473	58.000	432	17.000	432	17.000	9.53	285.00	12.70	356.00
60"	1524	60.000	432	17.000	432	17.000	9.53	300.00	12.70	371.00
62"	1575	62.000	483	19.000	483	19.000	9.53	352.00	12.70	431.00
64"	1626	64.000	483	19.000	483	19.000	9.53	367.00	12.70	446.00
66"	1676	66.000	483	19.000	483	19.000	9.53	382.00	12.70	461.00
68"	1727	68.000	533	21.000	533	21.000	9.53	442.00	12.70	531.00
70"	1778	70.000	533	21.000	533	21.000	9.53	457.00	12.70	546.00
72"	1829	72.000	533	21.000	533	21.000	9.53	472.00	12.70	561.00

* This column pertains to wall thicknesses >XS.

All weights are approximate

Dimensional Tolerances

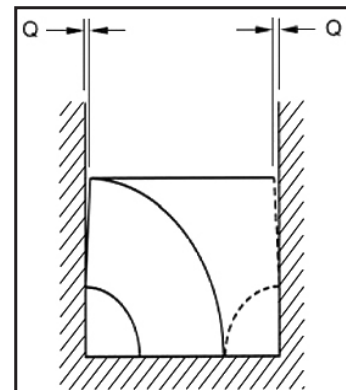
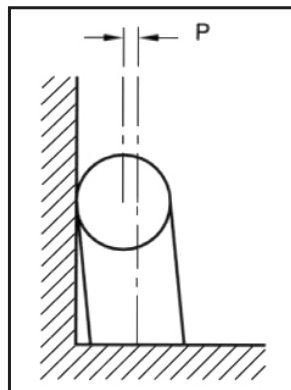
According to ASME B 16.9-2003

All Fittings				Elbow 90°, 45° Tees	Reducers	Caps	Reference
Nominal Pipe Size	Outside Diameter at Bevel	Inside Diameter at End	Wall Thickness	Center to End A/A1, B, C, M	Length	Height	
1/2" - 2 1/2"	1.6 / -0.8	± 0.8	Not less than 87.5% of nominal wall thickness	± 2	± 2	± 3	ASME B16.9
3" - 3 1/2"	1.6 / -1.6	± 1.6		± 2	± 2	± 3	ASME B16.9
4"	1.6 / -1.6	± 1.6		± 2	± 2	± 3	ASME B16.9
5" - 8"	2.4 / -1.6	± 1.6		± 2	± 2	± 6	ASME B16.9
10" - 18"	4 / -3.2	± 3.2		± 2	± 2	± 6	ASME B16.9
20" - 24"	6.4 / -4.8	± 4.8		± 3	± 3	± 6	ASME B16.9
26" - 30"	6.4 / -4.8	± 4.8		± 3	± 5	± 10	ASME B16.9
32" - 48"	6.4 / -4.8	± 4.8		± 5	± 5	± 10	ASME B16.9
50" - 60"	8 / -6.35	± 6.35		± 6.4	± 6.4	± 10	MSS SP-75
62" - 72"	9.5 / -7.94	+/-7.94		± 12	± 12	± 15	As per request

Angularity Tolerances

According to ASME B 16.9-2003

Nominal Pipe Size	Off Angle Q	Off Plane P
1/2" - 4"	± 1	± 2
5" - 8"	± 2	± 4
10" - 12"	± 3	± 5
14" - 16"	± 3	± 6
18" - 24"	± 4	± 10
26" - 30"	± 5	± 10
32" - 42"	± 5	± 13
44" - 48"	± 5	± 19
50" - 60"	± 5	± 19
62" - 72"	± 8	± 30



In order to serve our customers “quick turnaround” requirements of standard products, we operate stocking and distribution centers of Canadoil Group products in the USA, Canada, Korea, Thailand and Venezuela.

From accurate pricing to thorough inspection, from packing to efficient delivery, we are perfectly geared to organize, coordinate, implement and control all aspects of our customers’ piping projects.

From a solution-oriented attitude to quick action, from precise requirements to global coordination, QUALITY SERVICE is at the core of our business practice. **By teaming up with Canadoil, our customers benefit from the strategic advantage of working with a Group that is in itself a manufacturer and also a distributor of piping components.**

Wall Thickness

According to ASME B 36.10M

Nominal Pipe Size	Outside Diam.	Wall Thickness in mm.																	
		Inches	mm.	Sch 5S	Sch 10	Sch 10S	Sch 20	Sch 30	Std	Sch 40	Sch 40S	Sch 60	XS	Sch 80	Sch 80S	Sch 100	Sch 120	Sch 140	Sch 160	XXS
1/2"	21.3	1.65	2.11	2.11	...	2.41	2.77	2.77	2.77	...	3.73	3.73	3.73	...	...	...	4.78	7.47
3/4"	26.7	1.65	2.11	2.11	...	2.41	2.87	2.87	2.87	...	3.91	3.91	3.91	...	...	...	5.56	7.82
1"	33.4	1.65	2.77	2.77	...	2.9	3.38	3.38	3.38	...	4.55	4.55	4.55	...	...	...	6.35	9.09
1 1/4"	42.2	1.65	2.77	2.77	...	2.97	3.56	3.56	3.56	...	4.85	4.85	4.85	...	...	...	6.35	9.7
1 1/2"	48.3	1.65	2.77	2.77	...	3.18	3.68	3.68	3.68	...	5.08	5.08	5.08	...	...	...	7.14	10.15
2"	60.3	1.65	2.77	2.77	...	3.18	3.91	3.91	3.91	...	5.54	5.54	5.54	...	...	...	8.74	11.07
2 1/2"	73	2.11	3.05	3.05	...	4.78	5.16	5.16	5.16	...	7.01	7.01	7.01	...	...	...	9.53	14.02
3"	88.9	2.11	3.05	3.05	...	4.78	5.49	5.49	5.49	...	7.62	7.62	7.62	...	...	...	11.13	15.24
3 1/2"	101.6	2.11	3.05	3.05	...	4.78	5.74	5.74	5.74	...	8.08	8.08	8.08	...	...	...	...	...
4"	114.3	2.11	3.05	3.05	...	4.78	6.02	6.02	6.02	...	8.56	8.56	8.56	...	11.13	...	13.49	17.12	
5"	141.3	2.77	3.4	3.4	...	...	6.55	6.55	6.55	...	9.53	9.53	9.53	...	12.7	...	15.88	19.05
6"	168.3	2.77	3.4	3.4	...	...	7.11	7.11	7.11	...	10.97	10.97	10.97	...	14.27	...	18.26	21.95
8"	219.1	2.77	3.76	3.76	6.35	7.04	8.18	8.18	8.18	10.31	12.7	12.7	12.7	15.09	18.26	20.62	23.01	22.23	
10"	273	3.4	4.19	4.19	6.35	7.8	9.27	9.27	9.27	12.7	12.7	12.7	15.09	12.7	18.26	21.44	25.4	28.58	25.4
12"	323.8	3.96	4.57	4.57	6.35	8.38	9.53	10.31	9.53	14.27	12.7	17.48	12.7	21.44	25.4	28.58	33.32	25.4	
14"	355.6	3.96	6.35	4.78	7.92	9.53	9.53	11.13	9.53	15.09	12.7	19.05	12.7	23.83	27.79	31.75	35.71	...	
16"	406.4	4.19	6.35	4.78	7.92	9.53	9.53	12.7	9.53	16.66	12.7	21.44	12.7	26.19	30.96	36.53	40.49	...	
18"	457	4.19	6.35	4.78	7.92	11.13	9.53	14.27	9.53	19.05	12.7	23.83	12.7	29.36	34.93	39.67	45.24	...	
20"	508	4.78	6.35	5.54	9.53	12.7	9.53	15.09	9.53	20.62	12.7	26.19	12.7	32.54	38.1	44.45	50.01	...	
22"	559	4.78	6.35	5.54	9.53	12.7	9.53	...	...	22.23	12.7	28.58	...	34.93	41.28	47.63	53.98	...
24"	610	5.54	6.35	6.35	9.53	14.27	9.53	17.48	9.53	24.61	12.7	30.96	12.7	38.89	46.02	52.37	59.54	...	
26"	660	...	7.92	...	12.7	...	9.53	...	...	...	12.7	...	...	...	...	...	...	...
28"	711	...	7.92	...	12.7	15.88	9.53	...	...	...	12.7	...	...	...	...	...	...	...
30"	762	6.35	7.92	7.92	12.7	15.88	9.53	...	...	...	12.7	...	...	...	...	...	...	...
32"	813	...	7.92	...	12.7	15.88	9.53	17.48	...	...	12.7	...	...	...	...	...	...	...
34"	864	...	7.92	...	12.7	15.88	9.53	17.48	...	...	12.7	...	...	...	...	...	...	...
36"	914	...	7.92	...	12.7	15.88	9.53	19.05	...	...	12.7	...	...	...	...	...	...	...

Note - Above 36" only Std (9.35) and XS (12.7) schedules exist