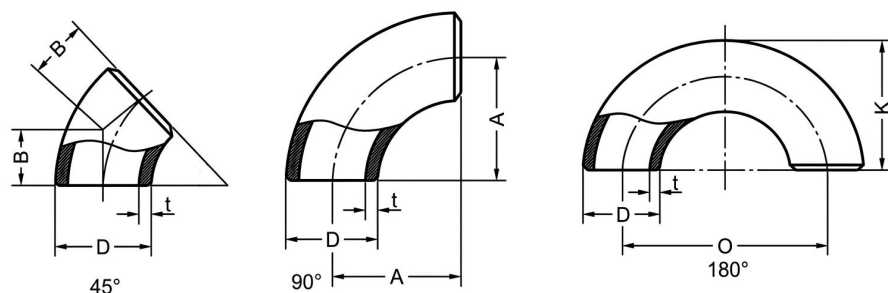
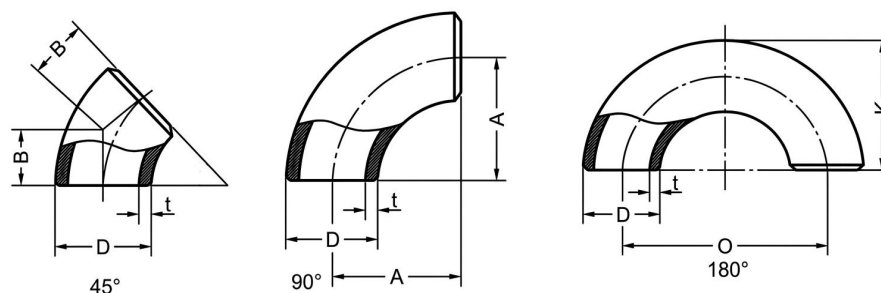


Elbows Long Radius ASME/ANSI B16.9



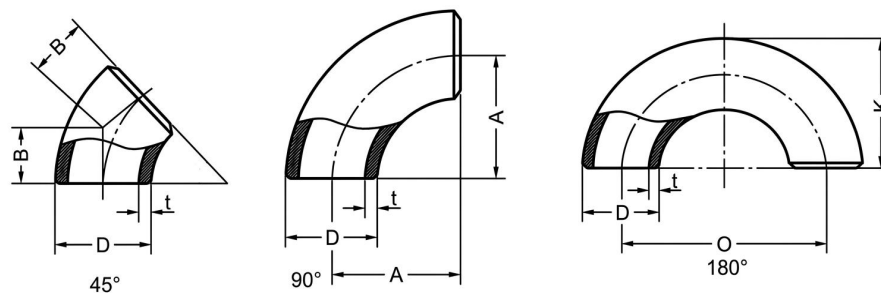
Nominal Pipe Size 公称尺寸 inch	Dimensions 尺寸			Wall Thickness:t 壁厚:t			Approx. Weight理论重量		
	Outside Diameter at Bevel/D坡口处 外径D		Center End: A/B 中心至端面:A/B Center to Center:O 中心至中心:O Back to Fac:K 顶端至端面:Kmm	Sch. No.	t		45°kg	90°kg	180°kg
	inch	mm			inch	mm			
1/2	0.840	21.3	A=38.1 B=15.7 O=76.2 K=47.8	Std/40	0.109	2.77	0.04	0.08	0.16
				XS/80	0.147	3.73	0.05	0.1	0.2
3/4	1.050	26.7	A=38.1 B=19.1 O=76.2 K=50.8	Std/40	0.113	2.87	0.04	0.08	0.16
				XS/80	0.154	3.91	0.05	0.1	0.2
1	1.315	33.4	A=38.1 B=22.4 O=76.2 K=55.6	Std/40	0.133	3.38	0.08	0.15	0.3
				XS/80	0.179	4.55	0.1	0.19	0.38
				160	0.25	6.35	0.13	0.25	0.5
1 1/4	1.660	42.2	A=47.8 B=25.4 O=95.3 K=69.9	Std/40	0.14	3.56	0.13	0.25	0.5
				XS/80	0.191	4.85	0.17	0.33	0.66
				160	0.25	6.35	0.21	0.42	0.84
1 1/2	1.900	48.3	A=57.2 B=28.4 O=114.3 K=82.6	Std/40	0.145	3.68	0.18	0.36	0.72
				XS/80	0.2	5.08	0.25	0.49	0.98
				160	0.281	7.14	0.33	0.6	1.3
				XXS	0.4	10.15	0.43	0.86	1.72
2	3.375	60.3	A=76.2 B=35.1 O=152.4 K=106.4	Std/40	0.154	3.91	0.33	0.65	1.3
				XS/80	0.218	5.54	0.45	0.9	1.8
				160	0.344	8.74	0.67	1.33	2.66
				XXS	0.436	11.07	0.81	1.61	3.22
2 1/2	2.875	73	A=95.3 B=44.5 O=190.5 K=131.8	Std/40	0.203	5.16	0.65	1.29	2.58
				XS/80	0.276	7.01	0.86	1.71	3.42
				160	0.375	9.53	1.12	2.23	4.46
				XXS	0.552	14.02	1.53	3.05	6.1
3	3.500	88.9	A=114.3 B=50.8 O=228.6 K=158.8	Std/40	0.216	5.49	1.02	2.03	4.06
				XS/80	0.3	7.62	1.37	2.74	5.48
				160	0.438	11.13	1.92	3.83	7.66
				XXS	0.6	15.24	2.49	4.97	9.94

Elbows Long Radius ASME/ANSI B16.9



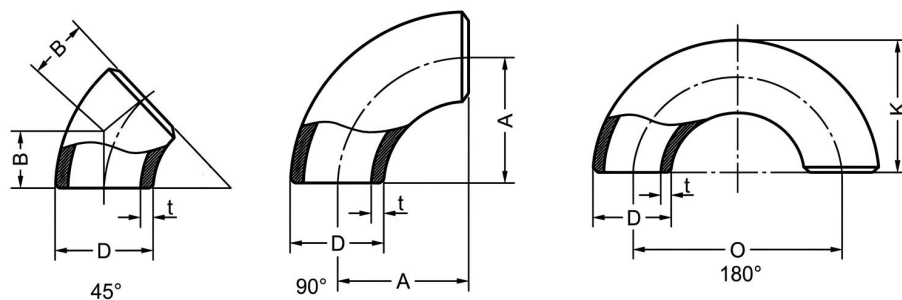
Nominal Pipe Size 公称尺寸 inch	Dimensions 尺寸			Wall Thickness:t 壁厚:t			Approx. Weight理论重量		
	Outside Diameter at Bevel/D坡口处 外径D		Center End: A/B 中心至端面:A/B Center to Center:O 中心至中心:O Back to Fac:K 顶端至端面:Kmm	Sch. No.	t		45°kg	90°kg	180°kg
	inch	mm	inch		mm				
4	4.500	114.3	A=152.4 B=63.5 O=304.8 K=209.6	Std/40	0.237	6.02	1.93	3.85	7.70
				XS/80	0.337	8.56	2.67	5.34	10.70
				120	0.438	11.13	3.39	6.78	13.60
				160	0.531	13.49	4.02	8.03	16.10
				XXS	0.674	17.12	4.91	9.82	19.60
5	5.563	141.3	A=190.5 B=79.2 O=381.0 K=261.9	Std/40	0.258	6.55	3.26	6.51	13.00
				XS/80	0.375	9.53	4.64	9.27	18.50
				120	0.500	12.70	6.05	12.10	24.20
				160	0.625	15.88	7.35	14.70	29.40
				XXS	0.750	19.05	8.60	17.20	34.40
6	6.625	168.3	A=228.6 B=95.3 O=475.2 K=312.7	Std/40	0.280	7.11	5.05	10.10	20.20
				XS/80	0.432	10.97	7.65	15.30	30.60
				120	0.562	14.27	9.75	19.50	39.00
				160	0.719	18.26	12.10	24.20	48.40
				XXS	0.864	21.95	14.20	28.40	56.40
8	8.625	219.1	A=304.8 B=127.0 O=609.6 K=414.3	20	0.250	6.35	7.95	15.90	31.80
				30	0.277	7.04	8.80	17.60	35.20
				Std/40	0.322	8.18	10.20	20.40	40.80
				60	0.406	10.31	12.70	25.40	50.80
				XS/80	0.500	12.70	15.50	30.90	61.80
				100	0.594	15.09	18.20	36.30	72.60
				120	0.719	18.26	21.70	43.30	86.60
				140	0.812	20.62	24.20	48.30	96.60
				160	0.906	23.01	26.70	53.30	107.00
				XXS	0.875	22.23	25.90	51.70	103.00
				10	10.750	273	A=381.0 B=158.8 O=762.0 K=517.7	20	0.250
30	0.307	7.80	15.30					30.50	61.00
Std/40	0.365	9.27	18.10					36.10	72.20
60/XS	0.500	12.70	24.40					48.80	97.60
80	0.594	15.09	28.70					57.30	115.00
100	0.719	18.26	34.30					68.60	137.00
120	0.844	21.44	39.80					79.50	169.00
140/XXS	1.000	25.40	46.40					92.80	186.00
160	1.125	28.58	51.50					103.00	206.00

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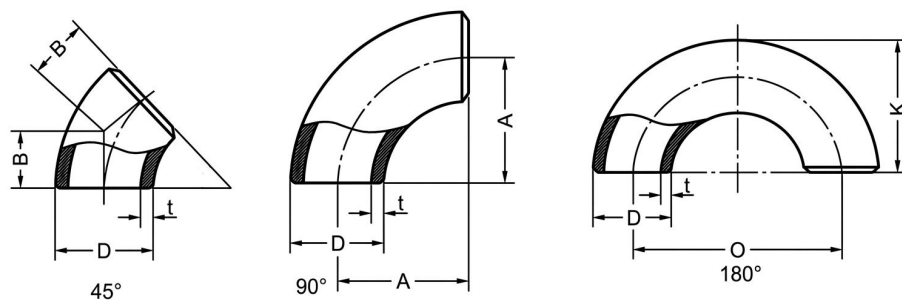
Nominal Pipe Size 公称尺寸 inch	Dimensions 尺寸			Wall Thickness:t 壁厚:t			Approx. Weight理论重量		
	Outside Diameter at Bevel/D坡口处 外径D		Center End: A/B 中心至端面:A/B Center to Center:O 中心至中心:O Back to Fac:K 顶端至端面:Kmm	Sch. No.	t		45°kg	90°kg	180°kg
	inch	mm	inch		mm				
12	12.750	323.9	A=152.4 B=63.5 O=304.8 K=209.6	20	0.250	6.35	17.9	35.7	71.4
				30	0.330	8.38	23.4	45.8	93.6
				Std	0.375	9.53	26.6	53.1	106
				40	0.406	10.31	28.7	57.8	115
				XS	0.500	12.70	35	70	140
				60	0.562	14.27	39.1	78.2	156
				80	0.688	17.48	47.4	94.7	189
				100	0.844	21.44	57.5	115	230
				120/XS	1.000	25.40	67	134	268
				140	1.125	28.58	74.5	149	298
160	1.312	33.32	85.5	171	342				
14	14.000	355.6	A=190.5 B=79.2 O=381.0 K=261.9	10	0.250	6.35	22.9	45.5	91.6
				20	0.312	7.92	28.5	56.9	114
				Std/30	0.375	9.53	34.1	68.1	136
				40	0.438	11.13	39.6	79.2	158
				XS	0.500	12.70	45	90	180
				60	0.594	15.09	53	106	212
				80	0.750	19.05	66	132	264
				100	0.938	23.83	81.5	163	326
				120	1.094	27.79	94	188	376
				140	1.250	31.75	106	212	424
160	1.406	35.71	118	236	472				
16	16.000	406.4	A=228.6 B=95.3 O=475.2 K=312.7	10	0.250	6.35	30	60	120
				20	0.312	7.92	37.3	74.5	149
				Std/30	0.375	9.53	44.7	89.3	179
				XS/40	0.500	12.70	59	118	236
				60	0.656	16.66	76.5	153	306
				80	0.844	21.44	97.5	195	390
				100	1.031	26.19	118	235	470
				120	1.219	30.96	137	274	548
				140	1.438	36.53	160	319	638
				160	1.594	40.49	175	350	700
18	18.000	457	A=304.8 B=127.0 O=609.6 K=414.3	10	0.250	6.35	38.1	76.1	152
				20	0.312	7.92	47.3	94.5	189
				30	0.438	11.13	66	132	264
				Std	0.375	9.53	56.5	113	226
				XS	0.500	12.70	75	150	300
				40	0.562	14.27	84	168	336
				60	0.750	19.05	111	222	444
				80	0.938	23.83	137	274	548
				100	1.156	29.36	167	334	668
				120	1.375	34.93	196	392	784
140	1.562	39.67	220	440	880				
160	1.781	45.24	246	492	984				

Elbows Long Radius ASME/ANSI B16.9



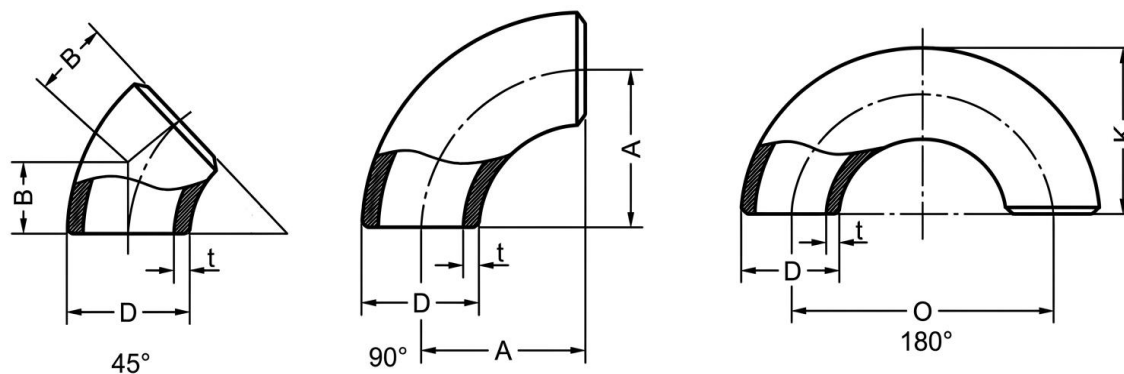
Nominal Pipe Size 公称尺寸 inch	Dimensions 尺寸			Wall Thickness:t 壁厚:t			Approx. Weight理论重量		
	Outside Diameter at Bevel/D坡口处外径 D		Center End: A/B 中心至端面:A/B Center to Center:O 中心至中心:O	Sch. No.	t		45°kg	90°kg	180°kg
	inch	mm	Back to Fac:K 顶端至端面:Kmm		inch	mm			
20	20.00	508	A=762.0 B=317.5 O=1524 K=1016	10 Std/20 XS/30 40 60 80 100 120 140 160	0.250 0.375 0.500 0.594 0.812 1.031 1.281 1.500 1.750 1.969	6.35 9.63 12.7 15.09 20.62 26.19 21.54 38.1 44.45 50.01	47 70 93 110 149 186 229 264 305 338	94 140 186 219 297 372 457 528 609 676	188 280 372 438 594 744 914 1056 1218 1352
22	22.00	559	A=838.2 B=342.9 O=1676.4 K=1117.6	10 Std/20 XS/30 60 80 100 120 140 160	0.250 0.375 0.500 0.875 1.125 1.375 1.625 1.875 2.125	6.35 9.53 12.7 22.23 28.58 34.93 41.28 47.63 53.98	57 85 113 194 248 297 347 395 443	114 170 225 387 492 594 694 790 885	228 340 450 774 984 1188 1388 1580 1770
24	24.00	610	A=914.4 B=381 O=1828.8 K=1219.2	10 Std/20 XS 30 40 60 80 100 120 140 160	0.250 0.375 0.500 0.562 0.688 0.969 1.219 1.531 1.812 2.062 2.344	6.35 9.53 12.7 14.27 17.48 24.61 30.96 38.89 46.02 52.37 59.34	68 101 135 151 183 255 317 393 460 515 580	136 202 269 301 366 510 634 786 919 1033 1160	272 404 538 602 732 1020 1268 1572 1838 2060 2320
26	26.00	660	A=990.6 B=406.4	10 Std XS/20	0.312 0.375 0.500	7.92 9.53 12.7	99 119 158	198 238 316	

Elbows Long Radius ASME/ANSI B16.9



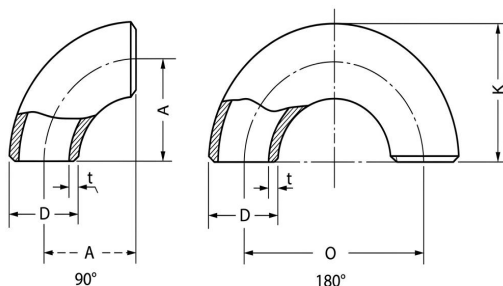
Nominal Pipe Size 公称尺寸 inch	Dimensions 尺寸		Wall Thickness:t 壁厚:t			Approx. Weight理论重量		
	Outside Diameter at Bevel/D 坡口处外径 D		Center End: A/B 中心至端面:A/B					
	inch	mm	Center to Center:O 中心至中心:O			45°kg	90°kg	180°kg
			Back to Fac:K 顶端至端面:Kmm					
28	28.00	711	A=1066.8 B=438					
30	30.00	762	A=1143 B=469.9					
32	32.00	813	A=1219.2 B=501.7					
34	34.00	864	A=1295.4 B=533.4					
36	36.00	914	A=1371.6 B=565.2					
38	38.00	965	A=1448 B=600					
40	40.00	1016	A=1524 B=632					
10	Std	0.312	7.92	115	230			
	XS/20	0.375	9.53	138	276			
	30	0.500	12.7	184	367			
	40	0.625	15.88	228	456			
10	Std	0.312	7.92	132	264			
	XS/20	0.375	9.53	159	318			
	30	0.500	12.7	211	421			
	40	0.625	15.88	262	524			
10	Std	0.312	7.92	151	301			
	XS/20	0.375	9.53	181	362			
	30	0.500	12.7	240	480			
	40	0.625	15.88	299	597			
10	Std	0.312	7.92	328	656			
	XS/20	0.375	9.53	170	340			
	30	0.500	12.7	204	408			
	40	0.625	15.88	271	542			
10	Std	0.312	7.92	338	675			
	XS/20	0.375	9.53	371	742			
	30	0.500	12.7	191	381			
	40	0.625	15.88	229	458			
10	Std	0.312	7.92	304	608			
	XS/20	0.375	9.53	379	758			
	30	0.500	12.7	453	906			
	40	0.750	19.05	257	514	1028		
10	Std	0.375	9.53	341.5	683	1366		
	XS	0.500	12.7	285	570	1140		
10	Std	0.375	9.53	378.5	757	1514		
	XS	0.500	12.7					

Elbows Long Radius ASME/ANSI B16.9



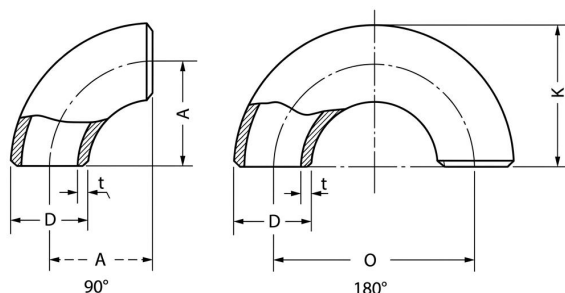
Nominal Pipe Size 公称尺寸 inch	Dimensions 尺寸			Wall Thickness:t 壁厚:t			Approx. Weight理论重量		
	Outside Diameter at Bevel/D坡口处 外径D		Center End: A/B 中心至端面:A/B	Sch. No.	t		45°kg	90°kg	180°kg
	inch	mm	Center to Center:O 中心至 中心:O Back to Fac:K 顶 端至端面:Kmm		inch	mm			
42	42	1067	A=1600 B=660	Std XS	0.375 0.500	9.53 12.7	314.5 418	625 836	1258 1672
44	44	1118	A=1676 B=695	Std XS	0.375 0.500	9.53 12.7	345.5 459	691 918	1382 1836
46	46	1168	A=1753 B=727	Std XS	0.375 0.500	9.53 12.7	375.5 501.5	753 1033	1506 2006
48	48	1219	A=1829 B=759	Std XS	0.375 0.500	9.53 12.7	411 546	822 1092	1644 2184

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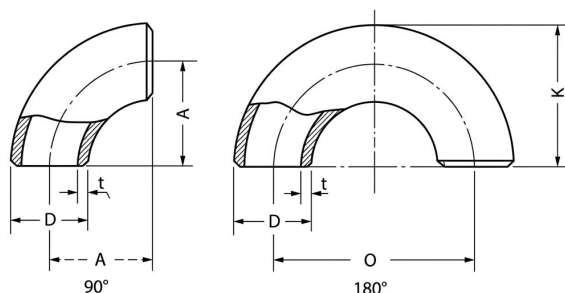
Nominal Pipe Size 公称尺寸 inch	Dimensions 尺寸			Wall Thickness:t 壁厚:t			Approx. Weight理论重量	
	Outside Diameter at Bevel/D坡口处 外径D		Center End: A/B 中心至端面 :A/B Center to Center:O 中心至中心 :O Back to Fac:K 顶端至端面 :Kmm	Sch. No.	t		90°kg	180°kg
	inch	mm	inch		mm			
1	1.315	33.4	A=25.4 O=50.8 K=41.1	Std/40 XS/80 160 XXS	0.133 0.179 0.25 0.358	3.38 4.55 6.35 9.09	0.1 0.13 0.17 0.22	0.2 0.26 0.34 0.44
1 1/4	1.660	42.2	A=31.8 O=63.5 K=52.3	Std/40 XS/80 160 XXS	0.14 0.191 0.25 0.382	3.56 4.85 6.35 9.7	0.17 0.22 0.28 0.39	0.34 0.44 0.56 0.78
1 1/2	1.900	48.3	A=38.1 O=76.2 K=62.0	Std/40 XS/80 160 XXS	0.145 0.2 0.281 0.4	3.68 5.08 7.14 10.15	0.24 0.32 0.43 0.57	0.48 0.64 0.86 1.14
2	3.375	60.3	A=50.8 O=101.6 K=81.0	Std/40 XS/80 160 XXS	0.154 0.218 0.344 0.436	3.91 5.54 8.74 11.07	0.45 0.6 0.89 1.07	0.86 1.2 1.78 2.14
2 1/2	2.875	73	A=63.5 O=127.0 K=100.1	Std/40 XS/80 160 XXS	0.203 0.276 0.375 0.552	5.16 7.01 9.53 14.02	0.86 1.14 1.49 2.03	1.72 2.28 2.98 4.06
3	3.500	88.9	A=76.2 O=152.4 K=120.7	Std/40 XS/80 160 XXS	0.216 0.3 0.438 0.6	5.49 7.62 11.13 15.24	1.35 1.83 2.56 3.31	2.7 3.66 5.12 6.62
4	0.840	21.3	A=101.6 O=203.2 K=158.8	Std/40 XS/80 120 160 XXS	0.237 0.337 0.438 0.531 0.674	6.02 8.56 11.13 13.49 17.12	2.57 3.56 4.52 5.35 6.54	5.14 7.12 9.04 10.7 13.08
5	1.050	26.7	A=127.0 O=254.0 K=196.9	Std/40 XS/80 120 160 XXS	0.258 0.375 0.5 0.625 0.75	6.55 9.53 12.7 15.88 19.05	4.34 6.18 8.04 9.8 11.45	8.68 12.4 16.1 19.6 22.9

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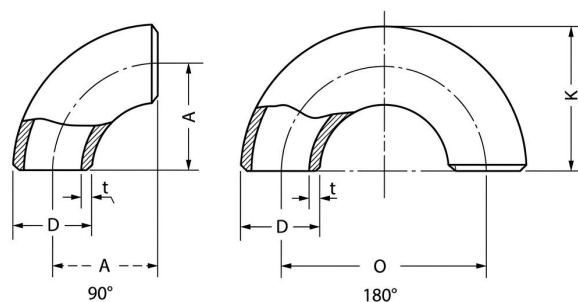
Nominal Pipe Size 公称尺寸 inch	Dimensions 尺寸			Wall Thickness:t 壁厚:t			Approx. Weight理论重量	
	Outside Diameter at Bevel/D坡口处 外径D		Center End: A/B 中心至端面:A/B Center to Center:O 中心至中心:O Back to Fac:K 顶端至端面:Kmm	Sch. No.	t		90°kg	180°kg
	inch	mm			inch	mm		
6	6.625	168.3	A=25.4 O=50.8 K=41.1	Std/40 XS/80 120 160 XXS	0.28 0.432 0.562 0.719 0.864	7.11 10.97 14.27 18.26 21.95	6.77 10.2 13 16.2 19	13.5 20.4 26 32.4 38
8	8.625	219.1	A=31.8 O=63.5 K=52.3	20 30 Std/40 60 XS/80 100 120 140 160 XXS	0.25 0.277 0.322 0.406 0.5 0.594 0.719 0.812 0.906 0.875	6.35 7.04 8.18 10.31 12.7 15.09 18.26 20.62 23.01 22.23	10.6 11.8 13.6 16.9 20.9 24.2 28.8 32.2 35.5 34.4	21.2 23.6 27.2 33.8 41.8 48.4 57.6 64.4 71 68.8
10	10.750	273	A=38.1 O=76.2 K=62.0	20 30 Std/40 XS/80 80 100 120 140/XXS 160	0.25 0.307 0.365 0.5 0.594 0.719 0.844 1 1.125	6.35 7.8 9.27 12.7 15.09 18.26 21.44 25.4 28.58	16.7 20.4 24.1 32.5 38.2 45.7 53 61.9 68.7	33.4 40.8 48.2 65 76.4 91.4 106 124 137
12	12.750	323.9	A=50.8 O=101.6 K=81.0	20 30 Std 40 60 XS 80 100 120/XXS 140 160	0.25 0.33 0.375 0.406 0.562 0.5 0.688 0.844 1 1.125 1.312	6.35 8.38 9.53 10.31 14.27 12.7 17.48 21.44 24.4 28.58 33.32	23.8 31.2 35.4 38.2 52.2 46.7 63.1 76.5 89.5 99.6 114	47.6 62.4 70.8 76.4 104 93.4 126 153 179 199 228

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Nominal Pipe Size 公称尺寸 inch	Dimensions 尺寸			Wall Thickness:t 壁厚:t			Approx. Weight理论重量	
	Outside Diameter at Bevel/D坡口处 外径D		Center End: A/B 中心至端面:A/B Center to Center:O 中心至中心:O Back to Fac:K 顶端至端面:Kmm	Sch. No.	t		90°kg	180°kg
	inch	mm			inch	mm		
14	14	355.6	A=355.6 O=711.2 K=533.4	10 20 Std/30 40 XS 60 80 100 120 140 160	0.25 0.312 0.375 0.438 0.5 0.594 0.75 0.938 1.094 1.25 1.406	6.35 7.92 9.53 11.13 12.7 15.09 19.05 23.83 27.79 31.75 35.71	30.6 37.9 45.4 52.8 60 70.6 88.3 109 125 142 157	61.2 75.8 90.8 106 120 141 177 218 250 284 314
16	16	406.4	A=406.4 O=812.8 K=609.6	10 30 Std/30 XS/40 60 80 100 120 140 160	0.25 0.312 0.375 0.5 0.656 0.844 1.031 1.219 1.438 1.594	6.35 7.92 9.53 12.7 16.66 21.44 26.19 30.96 36.53 40.49	40 49.7 59.5 78.7 102 130 157 183 213 233	80 99 119 157 204 260 314 366 426 466
18	18	457	A=457.0 O=914.4 K=685.8	10 20 Std 30 40 XS 60 80 100 120 140 160	0.25 0.312 0.375 0.438 0.562 0.75 0.5 0.938 1.156 1.375 1.562 1.781	6.35 7.92 9.53 11.13 14.27 19.05 12.7 23.83 29.36 34.93 39.67 45.24	50.7 63 75.6 87.9 112 148 100 183 222 261 293 330	101 126 151 176 224 296 200 366 444 522 586 660
20	20	508	A=508.0 O=1016.0 K=762.0	10 Std/20 XS/30 40 60 80 100 120 140 160	0.25 0.375 0.5 0.594 0.812 1.031 1.281 1.5 1.75 1.969	6.35 9.53 12.7 15.09 20.62 26.19 32.54 38.1 44.45 50.01	62.7 93.4 124 146 198 248 304 352 405 451	123 187 248 292 396 496 608 704 810 902

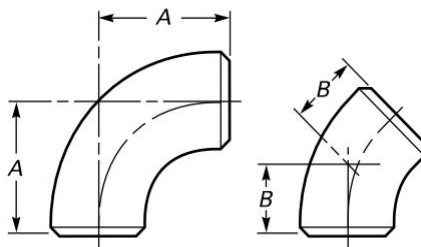
Elbows Short Radius ASME/ANSI B16.28



Nominal Pipe Size 公称尺寸 inch	Dimensions 尺寸			Wall Thickness:t 壁厚:t		Approx. Weight理论重量	
	Outside Diameter at Bevel/D坡口处 外径D		Center End: A/B 中心至端面:A/B	Sch. No.	t		90°kg
	inch	mm	Center to Center:O 中心至中心:O Back to Fac:K 顶端至端面:Kmm		inch	mm	
22	22	559	A=558.8 O=1117.6 K=838.3	10	0.25	6.35	75.9
				Std/20	0.375	9.53	113
				XS/30	0.5	12.7	150
				60	0.875	22.23	258
				80	1.125	28.58	328
				100	1.375	34.93	396
				120	1.625	41.28	462
				140	1.875	47.63	527
				160	2.125	53.98	590
24	24	610	A=609.6 O=1219.2 K=914.4	10	0.25	6.35	90.5
				Std/20	0.375	9.53	135
				40	0.562	14.27	201
				60	0.688	17.48	244
				XS	0.969	24.61	340
				80	0.5	12.7	179
				100	1.219	30.96	423
				120	1.531	38.89	524
				140	1.812	46.02	612
				160	2.062	52.37	689
					2.344	59.54	773

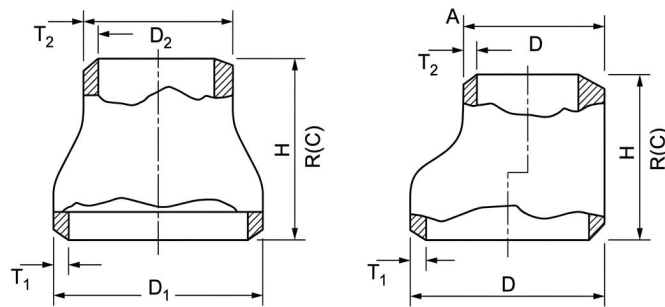
Dimensions of 3D Radius Elbows ASME/ANSI B16.9

Dimensions of 3D Radius Elbows



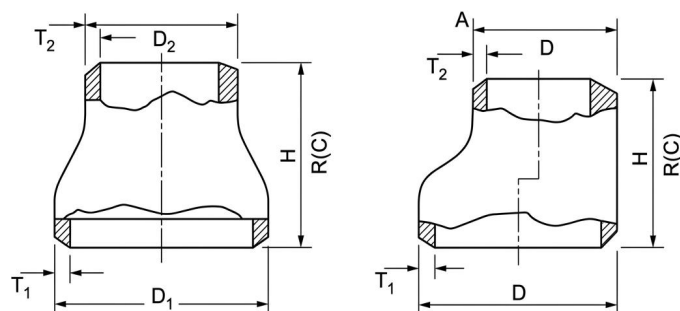
			Center-to-End, mm (in.)	
Nominal Pipe Size (NPS)		Outside Diameter at Bevel, mm (in.)	90-deg Elbows,	45-deg Elbows,
DN	INCH		A	B
DN20	3/4	26.7 (1.05)	57 (2.25)	24 (0.94)
DN25	1	33.4 (1.32)	76 (3.00)	31 (1.25)
DN32	1 1/4	42.2 (1.66)	95 (3.75)	39 (1.56)
DN40	1 1/2	48.3 (1.90)	114 (4.50)	47 (1.88)
DN50	2	60.3 (2.38)	152 (6.00)	63 (2.50)
DN65	2 1/2	73.0 (2.88)	190 (7.50)	79 (3.12)
DN80	3	88.9 (3.50)	229 (9.00)	95 (3.75)
DN90	3 1/2	101.6 (4.00)	267 (10.50)	111 (4.38)
DN100	4	114.3 (4.50)	305 (12.00)	127 (5.00)
DN125	5	141.3 (5.56)	381 (15.00)	157 (6.19)
DN150	6	168.3 (6.62)	457 (18.00)	189 (7.44)
DN200	8	219.1 (8.62)	610 (24.00)	252 (9.94)
DN250	10	273.0 (10.75)	762 (30.00)	316 (12.44)
DN300	12	323.8 (12.75)	914 (36.00)	378 (14.88)
DN350	14	355.6 (14.00)	1 067 (42.00)	441 (17.38)
DN400	16	406.4 (16.00)	1 219 (48.00)	505 (19.88)
DN450	18	457.0 (18.00)	1 372 (54.00)	568 (22.38)
DN500	20	508.0 (20.00)	1 524 (60.00)	632 (24.88)
DN550	22	559.0 (22.00)	1 676 (66.00)	694 (27.31)
DN600	24	610.0 (24.00)	1 829 (72.00)	757 (29.81)
DN650	26	660.0 (26.00)	1 981 (78.00)	821 (32.31)
DN700	28	711.0 (28.00)	2 134 (84.00)	883 (34.75)
DN750	30	762.0 (30.00)	2 286 (90.00)	946 (37.25)
DN800	32	813.0 (32.00)	2 438 (96.00)	1 010 (39.75)
DN850	34	864.0 (34.00)	2 591 (102.00)	1 073 (42.25)
DN900	36	914.0 (36.00)	2 743 (108.00)	1 135 (44.69)
DN950	38	965.0 (38.00)	2 896 (114.00)	1 200 (47.25)
DN1000	40	1 016.0 (40.00)	3 048 (120.00)	1 264 (49.75)
DN1050	42	1 067.0 (42.00)	3 200 (126.00)	1 326 (52.19)
DN1100	44	1 118.0 (44.00)	3 353 (132.00)	1 389 (54.69)
DN1150	46	1 168.0 (46.00)	3 505 (138.00)	1 453 (57.19)
DN1200	48	1 219.0 (48.00)	3 658 (144.00)	1 516 (59.69)

Dimensions of Reducers ASME/ANSI B16.9



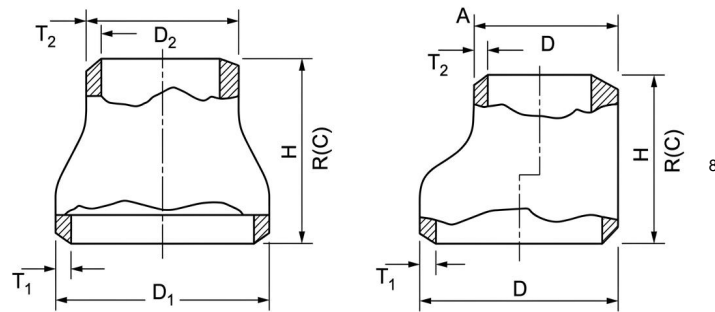
Nominal diameter		Outside mm	center to end	kg/pcs approx weight							
DN	INCH	D1×D2	H	Sch5s	Sch10s	Sch20s	STD	Sch40s	XS	Sch80s	Sch120s
20x15	3/4x1/2	26.7x21.3	38	0.04	0.04	0.05	0.06	0.06	0.07	0.07	--
25x20	1x3/4	33.4x26.7	51	0.06	0.1	0.11	0.11	0.11	0.15	0.15	--
25x15	1x1/2	33.4x21.3	51	0.06	0.9	0.1	0.1	0.1	0.13	0.13	--
32x25	1.1/4x1	42.2x33.4	51	0.08	0.12	0.137	0.15	0.15	0.2	0.2	--
32x20	1.1/4x3/4	42.2x26.7	51	0.07	0.11	0.13	0.14	0.14	0.18	0.18	--
32x15	1.1/4x1/2	42.2x21.3	51	0.07	0.11	0.125	0.12	0.13	0.17	0.17	--
40x32	1.1/2x1.1/4	48.3x33.4	64	0.11	0.19	0.22	0.24	0.24	0.32	0.32	--
40x25	1.1/2x1	48.3x33.4	64	0.10	0.17	0.2	0.22	0.22	0.29	0.29	--
40x20	1.1/2x3/4	48.3x26.7	64	0.10	0.16	0.17	0.2	0.2	0.26	0.26	--
40x15	1.1/2x1/2	48.3x21.3	64	0.09	0.15	0.17	0.19	0.19	0.24	0.24	--
50x40	2x1.1/2	60.3x48.3	76	0.17	0.27	0.35	0.37	0.37	0.51	0.51	--
50x32	2x1.1/4	60.3x42.2	76	0.16	0.26	0.33	0.35	0.35	0.48	0.48	--
50x25	2x1	60.3x33.4	76	0.14	0.24	0.3	0.32	0.32	0.44	0.44	--
65x50	2.1/2x2	73.0x60.3	89	0.30	0.43	0.53	0.7	0.7	0.92	0.92	--
65x40	2 1/2x1.1/2	73.0x48.3	89	0.28	0.4	0.5	0.64	0.64	0.84	0.84	--
65x30	2 1/2x1.1/4	73.0x42.2	89	0.27	0.38	0.45	0.6	0.6	0.79	0.79	--
65x25	2.1/2x1	73.0x33.4	89	0.25	0.36	0.4	0.57	0.56	0.75	0.75	--
80x65	3x2 1/2	88.9x73.0	89	0.37	0.54	0.72	0.93	0.91	1.26	1.26	--
80x50	3x2	88.9x60.3	89	0.35	0.49	0.65	0.84	0.84	1.13	1.13	--
80x40	3x1.1/2	88.9x48.3	89	0.32	0.45	0.6	0.78	0.78	1.05	1.05	--

Dimensions of Reducers ASME/ANSI B16.9



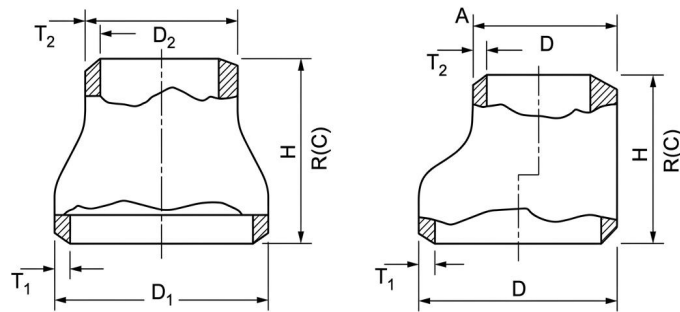
Nominal diameter		Outside mm	center to end	kg/pcs approx weight							
DN	INCH	D1×D2	H	Sch5s	Sch10s	Sch20s	STD	Sch40s	XS	Sch80s	Sch120s
90x80	3.1/2x3	101.6x88.9	102	0.50	0.72	1.09	1.29	1.77	1.77	-	-
90x65	3.1/2x2.1/2	101.6x73.0	102	0.46	0.66	1.00	1.12	1.12	1.63	1.63	-
90x50	3.1/2x2	101.6x60.3	102	0.43	0.62	0.95	1.10	1.10	1.51	1.51	-
90x40	3.1/2x1.1/2	101.6x48.3	102	0.41	0.58	-	1.03	1.03	1.40	1.40	-
100x90	4x3.1/2	114.3x101.6	102	0.57	0.82	-	1.55	1.55	2.41	2.41	2.38
100x80	4x3	114.3x88.9	102	0.54	0.77	-	1.46	1.46	2.02	2.02	2.24
100x65	4x2.1/2	114.3x73.0	102	0.50	0.72	0.96	1.35	1.35	1.87	1.87	2.10
100x50	4x2	114.3x60.3	102	0.48	0.68	0.90	1.27	1.27	1.75	1.75	1.98
125x100	5x4	141.3x114.3	127	1.11	1.35	2.01	2.50	2.50	3.55	3.55	4.60
125x90	5x3.1/2	141.3x101.6	127	1.06	1.29	1.92	2.38	2.38	3.38	3.38	4.40
125x80	5x3	141.3x88.9	127	1.01	1.23	1.83	2.27	2.27	3.22	3.22	4.19
125x65	5x2.1/2	141.3x73.0	127	0.95	1.16	1.72	2.14	2.14	3.02	3.02	3.98
150x125	6x5	168.3x141.3	140	1.48	1.81	2.67	3.64	3.64	5.47	5.47	6.95
150x100	6x4	168.3x114.3	140	1.37	1.67	2.48	3.36	3.36	5.03	5.03	6.38
150x90	6x3.1/2	168.3x101.6	140	1.32	1.61	2.39	3.23	3.23	4.83	4.83	6.08
150x80	6x3	168.3x88.9	140	1.26	1.53	2.27	3.07	3.07	4.58	4.58	5.85
200x150	8x6	219.1x168.3	152	2.04	2.75	4.38	5.77	5.77	8.73	8.73	12.20
200x125	8x5	219.1x141.3	152	1.93	2.60	4.14	5.44	5.44	8.23	8.23	11.40
200x100	8x4	219.1x114.3	152	1.83	2.46	3.92	5.14	5.44	7.75	7.75	10.70
250x200	10x8	273.1x219.1	178	3.27	4.56	6.75	9.74	15.50	15.50	15.50	21.40
250x150	10x6	273.1x168.3	178	3.43	4.21	6.69	8.96	14.20	14.20	14.20	19.50
250x125	10x5	273.1x141.3	178	3.29	4.04	6.42	9.59	13.60	13.60	13.60	18.60

Dimensions of Reducers ASME/ANSI B16.9



Nominal diameter		Outside mm	center to end	kg/pcs approx weight							
DN	INCH	D1×D2	H	Sch5s	Sch10s	Sch20s	STD	Sch40s	XS	Sch80s	Sch120s
300x250	12x10	323.9x273.1	203	5.97	6.88	9.36	13.9	15	18.3	24.8	35
300x200	12x8	323.9x219.1	203	5.56	6.41	8.7	12.9	13.9	17	23	32.3
300x150	12x6	323.9x168.3	203	5.22	6	8.14	12.1	13	15.9	21.4	30
350x300	14x12	355.6x323.9	330	11	13.2	21.4	25.6	29.8	33.8	49.8	70.6
350x250	14x10	355.6x273.1	330	10.2	12.3	19.9	23.8	27.7	31.4	46.1	65.3
350x200	14x8	355.6x219.1	330	9.46	11.4	18.4	22.0	25.5	29	42.5	59.9
350x150	14x6	355.6x168.3	330	9.22	10.5	16.95	20.2	23.5	26.6	38.9	54.7
400x350	16x14	406.4x355.6	356	14.1	16.1	26	31.2	41.2	41.2	67.9	95.4
400x300	16x12	406.4x323.9	356	13.6	15.4	25	29.9	39.5	39.5	65.1	91.3
400x250	16x10	406.4x273.1	356	12.7	14.5	23.5	28.1	37.1	37.1	60.9	85.3
400x200	16x8	406.4x219.1	356	11.9	13.6	21.9	26.2	34.6	34.6	56.7	79.2
400x150	16x6	406.4x168.3	356	9.96	12.7	20.45	24.5	32.3	32.3	52.7	73.4
450x400	18x16	457x406.4	381	17.1	19.5	31.6	37.9	56.1	50.1	91.6	131
450x350	18x14	457x355.6	381	16.2	18.5	29.9	35.8	53	47.4	86.3	123
450x300	18x12	457x323.9	381	15.7	17.9	28.9	34.7	51.2	45.8	83.4	119
450x250	18x10	457x273.1	381	14.8	16.9	27.3	32.8	48.4	43.3	78.6	112
450x200	18x8	457x219.1	381	14	15.9	35.7	30.8	45.5	40.7	73.7	104
500x450	20x18	508x457	508	29.1	33.7	56.6	56.6	88.6	74.9	150	213
500x400	20x16	508x406	508	27.7	33.432.0	53.8	53.8	84.1	71.1	201	201
500x350	20x14	508x355	508	26.3	30.4	51	51	79.7	67.4	135	190
500x300	20x12	508x325	508	25.4	29.4	49.3	49.3	77	65.1	130	183

Dimensions of Reducers ASME/ANSI B16.9



Nominal diameter		Outside mm	center to end	kg/pcs approx weight							
DN	INCH	D1×D2	H	Sch5s	Sch10s	Sch20s	STD	Sch40s	XS	Sch80s	Sch120s
500x250	20x10	508x273.1	508	824	27.8	46.7	46.7	72.8	61.7	123	173
500x200	20x8	508x219.1	508	22.7	26.2	43.9	43.9	68.5	58	115	162
550x500	22x20	559x508	508	32.1	37.3	62.7	62.7	-	83	182	255
550x450	22x18	559x457	508	30.8	35	59.9	59.9	-	79.3	174	243
550x400	22x16	559x406.4	508	29.4	34	57.2	57.2	-	75.7	165	219
550x350	22x14	559x355.6	508	28	32.5	54.5	54.5	-	72.1	157	286
600x550	24x22	610x559	508	28	46.8	68.8	68.8	-	91.2	215	311
600x500	24x20	610x508	508	39.2	44.9	66.0	-	119	87.4	206	238
600x450	24x18	610x457	508	37.6	43.1	63.6	63.3	114	83.9	197	284
600x400	24x16	610x406.4	508	36.1	41.3	60.7	60.7	110	80.4	189	272
650x600	26x24	660x610	610	-	-	119	89.8	-	119	-	-
650x550	26x22	660x559	610	-	-	114	86.3	-	114	-	-
650x500	26x20	660x508	610	-	-	110	83	-	110	-	-
650x450	26x18	660x457	610	-	-	105	79	-	105	-	-
700x650	28x26	711x660	610	-	-	129	97.1	-	129	-	-
700x600	28x24	711x610	610	-	-	124	93.6	-	124	-	-
700x550	28x22	711x559	610	-	-	120	90.4	-	120	-	-
750x700	30x28	762x711	610	-	-	139	104	-	139	-	-
750x650	30x26	762x660	610	-	-	133	101	-	133	-	-
750x600	30x24	762x610	610	66.4	82.7	130	97.8	-	130	-	-
750x550	30x22	762x559	610	63.9	80	125	94.5	-	125	-	-
800x750	32x30	813x762	610	-	-	148	112	-	148	-	-
800x700	32x28	813x711	610	-	-	144	108	-	144	-	-
800x650	32x26	813x660	610	-	-	139	105	-	139	-	-
800x600	32x24	813x610	610	-	-	135	102	-	135	-	-
850x800	34x32	864x813	610	-	-	158	119	-	158	-	-
850x750	34x30	864x762	610	-	-	153	116	-	153	-	-
850x700	34x28	864x711	610	-	-	149	112	-	149	-	-
850x650	34x26	864x660	610	-	-	145	109	-	145	-	-
900x850	36x34	914x864	610	-	-	168	126	-	168	-	-
900x800	36x32	914x813	610	-	-	163	123	-	163	-	-
900x750	36x30	914x762	610	-	-	159	120	-	159	-	-
900x700	36x28	914x711	610	-	-	155	117	-	155	-	-