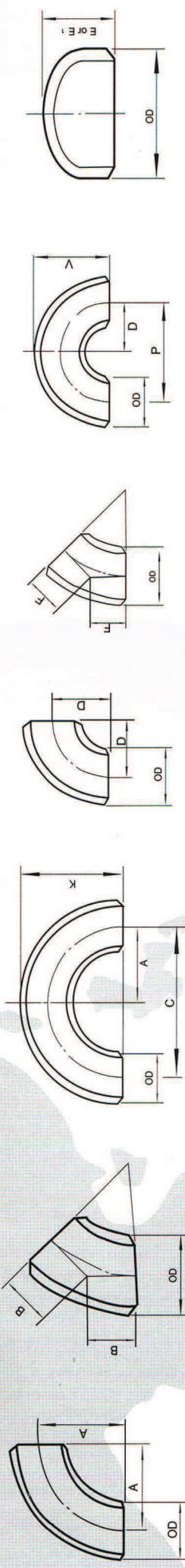


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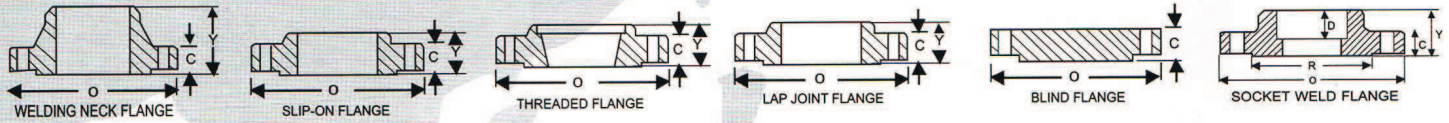
Nominal pipe size		OD	Wall thickness = mm • Unit weight = kg/m																Figures based on stainless steel				Shipping Vol/ft m³
			10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	5S	10S	40S	80S				
mm	inches	mm																					
3	1/8	10.30				1.73 0.37	1.73 0.37		2.41 0.47	2.41 0.47								1.24 0.28	1.73 0.36	2.41 0.48	0.0001		
6	1/4	13.70				2.24 0.63	2.24 0.63		3.02 0.80	3.02 0.80								1.65 0.51	2.24 0.64	3.02 0.82	0.0001		
10	3/8	17.10				2.31 0.84	2.31 0.84		3.20 1.10	3.20 1.10								1.65 0.64	2.31 0.86	3.20 1.12	0.0003		
15	1/2	21.30				2.77 1.27	2.77 1.27		3.73 1.62	3.73 1.62					4.78 1.95	7.47 2.55	1.65 0.82	2.11 1.01	2.77 1.30	3.73 1.65	0.0004		
20	3/4	26.70				2.87 1.69	2.87 1.69		3.91 2.20	3.91 2.20					5.56 2.90	7.82 3.64	1.65 1.04	2.11 1.31	2.87 1.71	3.91 2.24	0.0007		
25	1	33.40				3.38 2.50	3.38 2.50		4.55 3.24	4.55 3.24					6.35 4.24	9.09 5.45	1.65 1.33	2.77 2.13	3.38 2.55	4.55 3.29	0.0011		
32	1 1/4	42.20				3.56 3.39	3.56 3.39		4.85 4.47	4.85 4.47					6.35 5.61	9.70 7.77	1.65 1.68	2.77 2.76	3.56 3.46	4.85 4.56	0.0018		
40	1 1/2	48.30				3.68 4.05	3.68 4.05		5.08 5.41	5.08 5.41					7.14 7.25	10.15 9.56	1.65 1.95	2.77 3.17	3.68 4.13	5.08 5.51	0.0023		
50	2	60.30				3.91 5.44	3.91 5.44		5.54 7.48	5.54 7.48					8.74 11.11	11.07 13.44	1.65 2.44	2.77 4.01	3.91 5.54	5.54 7.63	0.0036		
65	2 1/2	73.00				5.16 8.63	5.16 8.63		7.01 11.41	7.01 11.41					9.53 14.92	14.02 20.39	2.11 3.77	3.05 5.36	5.16 8.81	7.01 11.64	0.0053		
80	3	88.90				5.49 11.29	5.49 11.29		7.62 15.27	7.62 15.27					11.13 21.35	15.24 27.68	2.11 4.60	3.05 6.59	5.49 11.52	7.62 15.59	0.0079		
90	3 1/2	101.60				5.74 13.57	5.74 13.57		8.08 18.63	8.08 18.63							2.11 5.29	3.05 7.55	5.74 13.84	8.08 19.01	0.0103		
100	4	114.30				6.02 16.07	6.02 16.07		8.56 22.32	8.56 22.32			11.13 28.32		13.49 33.54	17.12 41.03	2.11 5.96	3.05 8.52	6.02 16.40	8.56 22.77	0.0130		
125	5	141.30				6.55 21.77	6.55 21.77		9.53 30.97	9.53 30.97			12.70 40.28		15.88 49.11	19.05 57.43	2.77 9.67	3.40 11.82	6.55 22.20	9.53 31.59	0.0199		
150	6	168.30				7.11 28.26	7.11 28.26		10.97 42.56	10.97 42.56			14.27 54.20		18.26 67.56	21.95 79.22	2.77 11.55	3.40 14.13	7.11 28.83	10.97 43.42	0.028		
200	8	219.10		6.35 33.31	7.04 36.81	8.18 42.55	8.18 42.55	10.31 53.08	12.70 64.64	12.70 64.64	15.09 75.92	18.26 90.44	20.62 100.92	23.01 111.27	22.23 107.92	2.77 15.09	3.76 20.37	8.18 43.39	12.70 65.95	0.048			
250	10	273.10		6.35 41.77	7.80 51.03	9.27 60.31	9.27 60.31	12.70 81.55	12.70 81.55	15.09 96.01	18.26 114.75	21.44 133.06	25.40 155.15	28.58 172.33	25.40 155.15	3.40 23.08	4.19 28.34	9.27 61.52	12.70 83.19	0.074			
300	12	323.90		6.35 49.73	8.38 65.20	9.53 73.88	10.31 79.73	14.27 108.96	12.70 97.46	17.48 132.08	21.44 159.91	25.40 186.97	28.58 208.14	33.32 238.76	25.40 186.97	3.96 31.89	4.57 36.73	9.52 75.52	12.70 99.43	0.104			
350	14	355.60	6.35 54.69	7.92 67.90	9.53 81.33	9.53 81.33	11.13 94.55	15.09 126.71	12.70 107.39	19.05 158.10	23.83 194.96	27.79 224.65	31.75 253.56	35.71 281.70		3.96 35.06	4.78 42.14			0.126			
400	16	406.40	6.35 62.64	7.92 77.83	9.53 93.27	9.53 93.27	12.70 123.30	16.66 160.12	12.70 123.30	21.44 203.53	26.19 245.56	30.96 286.64	36.53 333.19	40.49 365.35		4.19 42.41	4.78 48.26			0.165			
450	18	457.00	6.35 70.57	7.92 87.71	11.13 122.38	9.53 105.16	14.27 155.80	19.05 205.74	12.70 139.15	23.88 254.55	29.36 309.62	34.93 363.56	39.67 408.26	45.24 459.37		4.19 47.77	4.78 54.36			0.208			
500	20	508.00	6.35 78.55	9.53 117.15	12.70 155.12	9.53 117.15	15.09 183.42	20.62 247.83	12.70 155.12	26.19 311.17	32.54 381.53	38.10 441.49	44.45 508.11	50.01 564.81		4.78 60.46	5.54 70.00			0.258			
550	22	559.00	6.35 86.54	9.53 129.13	12.70 171.09	9.53 129.13		22.23 294.25	12.70 171.09	28.58 373.83	34.93 451.42	41.28 527.02	47.63 600.63	53.98 672.26		4.78 66.57	5.54 77.06			0.312			
600	24	610.00	6.35 94.53	9.53 141.12	14.27 209.64	9.53 141.12	17.48 255.41	24.61 355.26	12.70 187.06	30.96 442.08	38.89 547.71	46.02 640.03	52.37 720.15	59.54 808.22		5.54 84.16	6.35 96.37			0.372			
650	26	660.00	7.92 127.36	12.70 202.72		9.53 152.87			12.70 202.72											0.435			
700	28	711.00	7.92 137.32	12.70 218.69	15.88 271.21	9.53 164.85			12.70 218.69											0.505			
750	30	762.00	7.92 147.28	12.70 234.67	15.88 292.18	9.53 176.84			12.70 234.67							6.35 120.72	7.92 150.36			0.580			
800	32	813.00	7.92 157.24	12.70 250.64	15.88 312.15	9.53 188.82	17.48 342.91		12.70 250.64											0.660			
850	34	864.00	7.92 167.20	12.70 266.61	15.88 332.12	9.53 200.31	17.48 364.90		12.70 266.61											0.746			
900	36	914.00	7.92 176.96	12.70 282.27	15.88 351.70	9.53 212.56	19.05 420.42		12.70 282.27											0.835			
950	38	965.00				9.53 224.54			12.70 298.24											0.931			
1000	40	1016.00				9.53 236.53			12.70 314.22											1.032			
1050	42	1067.00				9.53 248.52			12.70 330.19											1.138			
1100	44	1118.00				9.53 260.50			12.70 346.16											1.249			
1150	46	1168.00				9.53 272.25			12.70 351.82											1.364			
1200	48	1219.00				9.53 284.24			12.70 377.79											1.485			



TECHNICAL SPECIFICATION FOR BUTT WELD FITTINGS

Nominal pipe size	90DEG LR ELBOW		45DEG LR ELBOW		180DEG LR ELBOW		90DEG SR ELBOW		45DEG SR ELBOW		180DEG SR ELBOW		E		LWT for E		E1		Approx. Weight (kg)		Nominal pipe size	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	STD	XS	in	mm
1/2	21.3	15	38.1	1.5	76.2	3.0	76.2	3.0	76.2	3.0	76.2	3.0	76.2	3.0	25.4	1.0	25.4	1.0	0.04	0.05	1/2	15
3/4	26.7	20	38.1	1.5	76.2	3.0	76.2	3.0	76.2	3.0	76.2	3.0	76.2	3.0	25.4	1.0	25.4	1.0	0.05	0.07	3/4	20
1	33.4	25	38.1	1.5	76.2	3.0	76.2	3.0	76.2	3.0	76.2	3.0	76.2	3.0	25.4	1.0	25.4	1.0	0.10	0.14	1	25
1.1/4	42.2	32	47.8	1.9	95.2	3.8	95.2	3.8	95.2	3.8	95.2	3.8	95.2	3.8	31.8	1.3	31.8	1.3	0.13	0.20	1.1/4	32
1.1/2	48.3	40	52.4	2.1	114.3	4.5	114.3	4.5	114.3	4.5	114.3	4.5	114.3	4.5	38.1	1.5	38.1	1.5	0.17	0.26	1.1/2	40
2	60.3	50	60.3	2.4	152.4	6.0	152.4	6.0	152.4	6.0	152.4	6.0	152.4	6.0	50.8	2.0	50.8	2.0	0.24	0.34	2	50
2.1/2	73.0	65	73.0	2.9	190.5	7.5	190.5	7.5	190.5	7.5	190.5	7.5	190.5	7.5	63.5	2.5	63.5	2.5	0.35	0.48	2.1/2	65
3	88.9	80	88.9	3.5	228.6	9.0	228.6	9.0	228.6	9.0	228.6	9.0	228.6	9.0	76.2	3.0	76.2	3.0	0.48	0.64	3	80
3.1/2	101.6	90	101.6	4.0	266.7	10.5	266.7	10.5	266.7	10.5	266.7	10.5	266.7	10.5	89.1	3.5	89.1	3.5	0.61	0.81	3.1/2	90
4	114.3	100	114.3	4.5	304.8	12.0	304.8	12.0	304.8	12.0	304.8	12.0	304.8	12.0	101.6	4.0	101.6	4.0	0.76	1.01	4	100
5	127.0	125	127.0	5.0	342.9	13.5	342.9	13.5	342.9	13.5	342.9	13.5	342.9	13.5	114.3	4.5	114.3	4.5	0.91	1.21	5	125
6	141.3	150	141.3	5.5	381.0	15.0	381.0	15.0	381.0	15.0	381.0	15.0	381.0	15.0	127.0	5.0	127.0	5.0	1.07	1.41	6	150
8	168.3	200	168.3	6.7	457.2	18.0	457.2	18.0	457.2	18.0	457.2	18.0	457.2	18.0	152.4	6.0	152.4	6.0	1.35	1.82	8	200
10	219.1	250	219.1	8.6	598.4	23.5	598.4	23.5	598.4	23.5	598.4	23.5	598.4	23.5	190.5	7.5	190.5	7.5	1.68	2.28	10	250
12	273.0	300	273.0	10.7	736.6	28.9	736.6	28.9	736.6	28.9	736.6	28.9	736.6	28.9	228.6	9.0	228.6	9.0	2.01	2.74	12	300
14	323.8	350	323.8	12.6	875.0	34.4	875.0	34.4	875.0	34.4	875.0	34.4	875.0	34.4	273.0	10.7	273.0	10.7	2.36	3.20	14	350
16	355.6	400	355.6	14.0	952.4	37.5	952.4	37.5	952.4	37.5	952.4	37.5	952.4	37.5	304.8	12.0	304.8	12.0	2.67	3.61	16	400
18	406.4	450	406.4	15.7	1066.8	41.9	1066.8	41.9	1066.8	41.9	1066.8	41.9	1066.8	41.9	342.9	13.5	342.9	13.5	3.05	4.11	18	450
20	457.2	500	457.2	17.9	1181.2	46.5	1181.2	46.5	1181.2	46.5	1181.2	46.5	1181.2	46.5	381.0	15.0	381.0	15.0	3.43	4.64	20	500
22	508.0	550	508.0	20.0	1320.8	51.8	1320.8	51.8	1320.8	51.8	1320.8	51.8	1320.8	51.8	419.1	16.5	419.1	16.5	3.81	5.13	22	550
24	558.8	600	558.8	22.0	1463.0	57.2	1463.0	57.2	1463.0	57.2	1463.0	57.2	1463.0	57.2	457.2	18.0	457.2	18.0	4.19	5.62	24	600
26	609.6	650	609.6	23.9	1604.2	62.7	1604.2	62.7	1604.2	62.7	1604.2	62.7	1604.2	62.7	495.3	19.5	495.3	19.5	4.57	6.13	26	650
28	660.4	700	660.4	26.0	1744.8	68.3	1744.8	68.3	1744.8	68.3	1744.8	68.3	1744.8	68.3	533.4	21.0	533.4	21.0	4.95	6.65	28	700
30	711.2	750	711.2	27.9	1885.0	74.1	1885.0	74.1	1885.0	74.1	1885.0	74.1	1885.0	74.1	571.5	22.5	571.5	22.5	5.33	7.18	30	750
32	762.0	800	762.0	30.0	2025.2	79.9	2025.2	79.9	2025.2	79.9	2025.2	79.9	2025.2	79.9	609.6	24.0	609.6	24.0	5.71	7.68	32	800
34	812.8	850	812.8	31.9	2165.4	85.4	2165.4	85.4	2165.4	85.4	2165.4	85.4	2165.4	85.4	647.7	25.5	647.7	25.5	6.09	8.21	34	850
36	863.6	900	863.6	33.9	2305.6	91.0	2305.6	91.0	2305.6	91.0	2305.6	91.0	2305.6	91.0	685.8	27.0	685.8	27.0	6.47	8.71	36	900

Note: Wall thickness for caps up to 36" conform to ASME B36.10 specifications. For wall thickness greater than "Limiting Wall Thickness"(LWT), length E1 applies



TECHNICAL SPECIFICATION FOR FLANGES

150 LB. FLANGES

Nominal pipe size		Outside Diameter (O)	Thickness (C)	OD of Raised Face (R)	Length thru Hub (Y)			Depth of Socket (D)	Bolt Circle	No. & Size of Holes	RTJ Ring No.	Appro. Weights (kg)					Nominal pipe size	
					WN	LJ	SO,SW TH					WN	SO/TH	BL	LJ	SW		
in	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm							in	mm
1/2	15	88.9	11.1	34.9	47.6	15.9	15.9	9.5	60.3	4; 15.9	-	0.48	0.39	0.42	0.38	0.42	1/2	15
3/4	20	98.4	12.7	42.9	52.4	15.9	15.9	11.1	69.8	4; 15.9	-	0.71	0.56	0.61	0.55	0.59	3/4	20
1	25	107.9	14.3	50.8	55.6	17.5	17.5	12.7	79.4	4; 15.9	R15	1.01	0.78	0.86	0.76	0.81	1	25
1.1/4	32	117.5	15.9	63.5	57.1	20.6	20.6	14.3	88.9	4; 15.9	R17	1.33	1.03	1.17	1.01	1.07	1.1/4	32
1.1/2	40	127.0	17.5	73.0	61.9	22.2	22.2	15.7	98.4	4; 15.9	R19	1.72	1.32	1.53	1.30	1.36	1.1/2	40
2	50	152.4	19.1	92.1	63.5	25.4	25.4	17.5	120.6	4; 19.0	R22	2.58	2.06	2.42	2.03	2.10	2	50
2.1/2	65	177.8	22.2	104.8	69.8	28.6	28.6	19.1	139.7	4; 19.0	R25	4.11	3.28	3.94	3.25	3.33	2.1/2	65
3	80	190.5	23.8	127.0	69.8	30.2	30.2	20.6	152.4	4; 19.0	R29	4.92	3.85	4.93	3.81	3.90	3	80
3.1/2	90	215.9	23.8	139.7	71.4	31.7	31.7	-	177.8	8; 19.0	R33	6.08	4.81	6.17	4.76	-	3.1/2	90
4	100	228.6	23.8	157.2	76.2	33.3	33.3	-	190.5	8; 19.0	R36	6.84	5.30	7.00	5.25	-	4	100
5	125	254.0	23.8	185.7	88.9	36.5	36.5	-	215.9	8; 22.2	R40	8.56	6.07	8.63	6.02	-	5	125
6	150	279.4	25.4	215.9	88.9	39.7	39.7	-	241.3	8; 22.2	R43	10.6	7.45	11.3	7.40	-	6	150
8	200	342.9	28.6	269.9	101.6	44.4	44.4	-	298.4	8; 22.2	R48	17.6	12.1	19.6	12.1	-	8	200
10	250	406.4	30.2	323.8	101.6	49.2	49.2	-	361.9	12; 25.4	R52	24.0	16.5	28.8	16.4	-	10	250
12	300	482.6	31.8	381.0	114.3	55.6	55.6	-	431.8	12; 25.4	R56	36.5	26.2	43.2	26.1	-	12	300
14	350	533.4	34.9	412.7	127.0	79.4	57.1	-	476.2	12; 28.6	R59	48.4	34.6	58.1	34.5	-	14	350
16	400	596.9	36.5	469.9	127.0	87.3	63.5	-	539.7	16; 28.6	R64	60.6	44.8	76.0	44.6	-	16	400
18	450	635.0	39.7	533.4	139.7	96.8	68.3	-	577.8	16; 31.7	R68	68.3	48.9	93.7	48.9	-	18	450
20	500	698.5	42.9	584.2	144.5	103.2	73.0	-	635.0	20; 31.7	R72	84.5	61.9	122	61.6	-	20	500
22	550	749.3	46.0	641.3	149.2	108.0	79.4	-	692.1	20; 34.9	R80	102	72.1	151	79.8	-	22	550
24	600	812.8	47.6	692.1	152.4	111.1	82.5	-	749.3	20; 34.9	R76	115	86.9	185	86.6	-	24	600

300 LB. FLANGES

Nominal pipe size		Outside Diameter (O)	Thickness (C)	OD of Raised Face (R)	Length thru Hub (Y)			Depth of Socket (D)	Bolt Circle	No. & Size of Holes	RTJ Ring No.	Appro. Weights (kg)					Nominal pipe size	
					WN	LJ	SO,SW					WN	SO/TH	BL	LJ	SW		
in	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm							in	mm
1/2	15	95.2	14.3	34.9	52.4	22.2	22.2	9.5	66.7	4; 15.9	R11	0.75	0.64	0.64	0.62	0.42	1/2	15
3/4	20	117.5	15.9	42.9	57.1	25.4	25.4	11.1	82.5	4; 15.9	R13	1.26	1.12	1.11	1.10	0.59	3/4	20
1	25	123.8	17.5	50.8	61.9	27.0	27.0	12.7	88.9	4; 15.9	R16	1.52	1.36	1.39	1.33	0.81	1	25
1.1/4	32	133.3	19.0	63.5	65.1	27.0	27.0	14.3	98.4	4; 15.9	R18	2.03	1.68	1.79	1.65	1.07	1.1/4	32
1.1/2	40	155.6	20.6	73.0	68.3	30.2	30.2	15.9	114.3	4; 15.9	R20	2.89	2.49	2.66	2.44	1.36	1.1/2	40
2	50	165.1	22.2	92.1	69.8	33.3	33.3	17.5	127.0	8; 9.0	R23	3.40	2.87	3.18	2.83	2.10	2	50
2.1/2	65	190.5	25.4	104.8	76.2	38.1	38.1	19.0	149.2	8; 22.2	R26	5.17	4.32	4.85	4.25	3.33	2.1/2	65
3	80	209.5	28.6	127.0	79.4	42.9	42.9	20.6	168.3	8; 22.2	R31	6.93	5.85	6.81	5.78	3.90	3	80
3.1/2	90	228.6	30.2	139.7	81.0	44.4	44.4	-	184.1	8; 22.2	R34	8.67	7.34	8.71	7.27	-	3.1/2	90
4	100	254.0	31.8	157.2	85.7	47.6	47.6	-	200.0	8; 22.2	R37	11.2	9.61	11.5	9.55	-	4	100
5	125	279.4	34.9	185.7	98.4	50.6	50.6	-	234.9	8; 22.2	R41	15.8	12.3	15.6	12.2	-	5	125
6	150	317.5	36.5	215.9	98.4	52.4	52.4	-	269.9	12; 22.2	R45	19.1	15.6	20.9	15.5	-	6	150
8	200	381.0	41.3	269.9	111.1	61.9	61.9	-	330.2	12; 25.4	R49	29.9	24.2	34.3	24.1	-	8	200
10	250	444.5	47.6	323.8	117.5	95.2	66.7	-	387.3	16; 28.6	R53	42.7	34.1	53.3	34.4	-	10	250
12	300	520.7	50.8	381.0	130.2	101.6	73.0	-	450.8	16; 31.7	R57	61.8	49.8	78.8	50.4	-	12	300
14	350	584.2	54.0	412.7	142.9	111.1	76.2	-	514.3	20; 31.7	R61	85.8	69.9	105	70.9	-	14	350
16	400	647.7	57.2	469.9	146.0	120.6	82.5	-	571.5	20; 34.9	R65	106	88.1	137	89.5	-	16	400
18	450	711.2	60.3	533.4	158.7	130.2	88.9	-	628.6	24; 34.9	R69	131	109	175	111	-	18	450
20	500	774.7	63.5	584.2	161.9	139.7	95.2	-	685.8	24; 34.9	R73	158	134	221	137	-	20	500
24	600	914.4	69.8	692.1	168.3	152.4	106.4	-	812.8	24; 41.3	R77	230	201	339	204	-	24	600

600 LB. FLANGES

Nominal pipe size		Outside Diameter (O)	Thickness (C)	OD of Raised Face (R)	Length thru Hub (Y)			Depth of Socket (D)	Bolt Circle	No. & Size of Holes	RTJ Ring No.	Appro. Weights (kg)					Nominal pipe size	
					WN	LJ	SO,SW					WN	SO/TH	BL	LJ	SW		
in	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm							in	mm
1/2	15	98.2	14.3	34.9	52.4	22.2	22.2	9.5	66.7	4; 15.9	R11	0.87	0.74	0.76	0.72	0.76	1/2	15
3/4	20	117.5	15.9	42.9	57.1	25.4	25.4	11.1	82.5	4; 15.9	R13	1.45	1.27	1.28	1.25	1.29	3/4	20
1	25	123.8	17.5	50.8	61.9	27.0	27.0	12.7	88.9	4; 15.9	R16	1.76	1.52	1.60	1.50	1.55	1	25
1.1/4	32	133.3	20.6	63.5	66.7	28.6	28.6	14.3	98.4	4; 15.9	R18	2.49	2.03	2.23	2.00	2.06	1.1/4	32
1.1/2	40	155.6	22.2	73.0	69.8	31.7	31.7	15.7	114.3	4; 22.2	R20	3.49	2.96	3.25	2.92	3.00	1.1/2	40
2	50	165.1	25.4	92.1	73.0	36.5	36.5	17.5	127.0	8; 19.0	R23	4.36	3.62	4.15	3.55	3.67	2	50
2.1/2	65	190.5	28.6	104.8	79.4	41.3	41.3	19.1	149.2	8; 22.2	R26	6.43	5.28	6.13	5.23	5.35	2.1/2	65
3	80	209.5	31.8	127.0	82.5	46.0	46.0	20.6	168.3	8; 22.2	R31	8.53	7.00	8.44	6.95	7.06	3	80
3.1/2	90	228.6	34.9	139.7	85.7	49.2	49.2	-	184.1	8; 25.4	R34	10.7	8.84	11.0	8.78	-	3.1/2	90
4	100	273.1	38.1	157.2	101.6	54.0	54.0	-	215.9	8; 25.4	R37	17.4	14.5	17.3	14.4	-	4	100
5	125	330.2	44.4	185.7	114.3	60.3	60.3	-	266.7	8; 28.6	R41	29.2	24.4	29.4	24.3	-	5	125
6	150	355.6	47.6	215.9	117.5	66.7	66.7	-	292.1	12; 28.6	R45	34.9	28.7	36.1	28.5	-	6	150
8	200	419.1	55.6	269.9	133.4	76.0	76.0	-	349.2	12; 31.7	R49	53.9	43.4	58.9	43.1	-	8	200
10	250	508.0	63.5	323.8	152.4	111.1	85.7	-	431.8	16; 34.9	R53	86.5	70.3	97.5	70.5	-	10	250
12	300	558.8	66.7	381.0	155.6	117.5	92.1	-	488.9	20; 34.9	R57	103	84.2	124	86.1	-	12	300
14	350	603.2	69.9	412.7	165.1	127.0	93.7	-	527.0	20; 38.1	R61	122	98.7	151	100	-	14	350
16	400	685.8	76.2	469.9	177.8	139.7	106.4	-	603.2	20; 41.3	R65	170	142	214	145	-	16	400
18	450	742.9	82.6	533.4	184.2	142.7	117.5	-	654.0	20; 44.4	R69	204	173	272	177	-	18	450
20	500	812.8	88.9	584.2	190.5	165.1	127.0	-	723.9	24; 44.4	R73	254	220	349	225	-	20	500