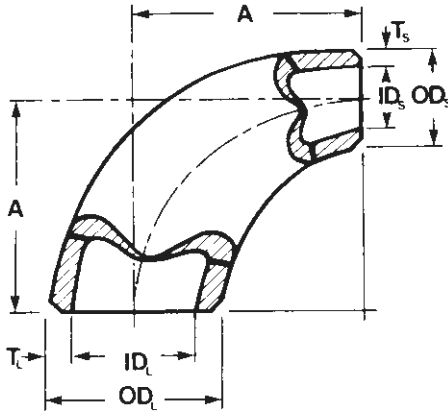


90° SEAMLESS REDUCING ELBOW

LONG RADIUS

Standard Weight
and Extra Strong,
Carbon and ferritic alloy steel,
ASTM A-234,
ASME/ANSI B16.9



NPS	Centre to End Nominal A	Standard Approx. Weight	Extra Strong Approx. Weight	NPS	Centre to End Nominal A	Standard Approx. Weight	Extra Strong Approx. Weight	NPS	Centre to End Nominal A	Standard Approx. Weight	Extra Strong Approx. Weight
DN				DN				DN			
2 x 1	3.00	1.10	1.5	6 x 3	9.00	16	24.0	18 x 12	27.0	218	295
50 x 25	76	0.5	0.7	150 x 80	229	7.3	10.8	450 x 300	686	98	133
2 x 1 1/4	3.00	1.20	1.8	6 x 3 1/2	9.00	17	25.5	18 x 14	27.0	230	310
50 x 32	76	0.5	0.8	150 x 90	229	7.7	11.5	450 x 350	686	103	140
2 x 1 1/2	3.00	1.30	2.2	6 x 4	9.00	19	17.0	18 x 16	27.0	240	322
50 x 40	76	0.6	1.0	150 x 100	229	8.6	12	450 x 400	686	108	145
2 1/2 x 1 1/4	3.75	2.10	2.3	6 x 5	9.00	21	31.0	20 x 10	30.0	252	327
65 x 32	95	0.9	1.0	150 x 125	229	9.4	14	500 x 250	762	113	147
2 1/2 x 1 1/2	3.75	2.20	2.5	⁽²⁾ 8 x 4	12.0	32	48.2	20 x 12	30.0	265	345
65 x 40	95	1.0	1.1	⁽²⁾ 200 x 100	305	14	22	500 x 300	762	119	155
2 1/2 x 2	3.75	2.45	3.3	8 x 5	12.0	35	53.0	20 x 14	30.0	280	365
65 x 50	95	1.1	1.5	200 x 125	305	16	24	500 x 350	762	126	164
3 x 1 1/2	4.50	3.20	4.3	8 x 6	12.0	40	59.4	20 x 16	30.0	295	390
80 x 40	114	1.4	1.9	200 x 150	305	18	27	500 x 400	762	133	176
3 x 2	4.50	3.50	4.7	10 x 5	15.0	57	78	20 x 18	30.0	310	405
80 x 50	114	1.6	2.1	250 x 125	381	26	35	500 x 450	762	139	182
3 x 2 1/2	4.50	4.15	5.5	10 x 6	15.0	61	86	24 x 12	36.0	345	455
80 x 65	114	1.9	2.5	250 x 150	381	28	39	600 x 300	914	155	205
3 1/2 x 2	5.25	4.50	6.3	10 x 8	15.0	71	101	24 x 14	36.0	360	485
90 x 50	133	2.0	2.8	250 x 200	381	32	45	600 x 350	914	162	218
3 1/2 x 2 1/2	5.25	5.40	7.3	12 x 6	18.0	85	116	24 x 16	36.0	375	500
90 x 65	133	2.4	3.3	300 x 150	457	39	52	600 x 400	914	169	225
3 1/2 x 3	5.25	6.00	8.2	12 x 8	18.0	97	134	24 x 18	36.0	400	520
90 x 80	133	2.7	3.7	300 x 200	457	46	60	600 x 450	914	180	234
4 x 2	6.00	5.95	8.3	12 x 10	18.0	110	149	24 x 20	36.0	415	545
100 x 50	152	2.7	3.7	300 x 250	457	50	67	600 x 500	914	187	245
4 x 2 1/2	6.00	6.70	9.3	14 x 8	21.0	116	152	24 x 22	36.0	430	570
100 x 65	152	3.0	4.2	350 x 200	533	52	68	600 x 550	914	194	257
4 x 3	6.00	7.50	10.4	14 x 10	21.0	126	165	⁽¹⁾ 30 x 16	45.0	605	830
100 x 80	152	3.4	4.7	350 x 250	533	57	74	⁽¹⁾ 750 x 400	1143	272	374
4 x 3 1/2	6.00	8.20	11.3	14 x 12	21.0	138	180	⁽¹⁾ 30 x 18	45.0	620	840
100 x 90	152	3.7	5.1	350 x 300	533	62	81	⁽¹⁾ 750 x 450	1143	279	378
5 x 2 1/2	7.50	10.5	15.5	16 x 10	24.0	155	202	⁽¹⁾ 30 x 20	45.0	635	855
125 x 65	190	4.8	7.1	400 x 250	610	71	93	⁽¹⁾ 750 x 500	1143	292	393
5 x 3	7.50	11.4	16.5	16 x 12	24.0	170	220	⁽¹⁾ 30 x 22	45.0	645	865
125 x 80	190	5.2	7.6	400 x 300	610	78	101	⁽¹⁾ 750 x 550	1143	297	398
5 x 3 1/2	7.50	12.2	17.1	16 x 14	24.0	179	233	⁽¹⁾ 30 x 24	45.0	660	875
125 x 90	190	5.6	7.9	400 x 350	610	82	107	⁽¹⁾ 750 x 600	1143	304	403
5 x 4	7.50	13.1	18.4	18 x 10	27.0	210	280	⁽¹⁾ 30 x 26	45.0	675	890
125 x 100	190	6.0	8.3	450 x 250	686	97	129	⁽¹⁾ 750 x 650	1143	310	409

(1) NPS 30 (DN 750) sizes are not covered by ASME/ANSI B16.9

(2) Sizes NPS 8 (DN 200) and larger may not be supplied as seamless.

These fittings are also available in other sizes and/or wall thicknesses.

INCHES	POUNDS
MILLIMETRES	KILOGRAMS