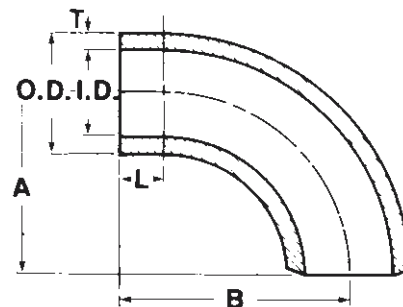


90° SEAMLESS ELBOWS LONG TANGENT

Standard and
Extra Strong
Carbon and ferritic alloy steel,
ASTM A-234



NPS DN	Outside Diameter at Bevel O.D.	Centre to Short End Nominal A	Tangent Length L	Centre to Long End Nominal B	STANDARD WEIGHT			EXTRA STRONG		
					Wall Thickness T	Inside Diameter I.D.	Approx. Weight	Wall Thickness T	Inside Diameter I.D.	Approx. Weight
1 1/2 40	1.900 48	2.25 57	1.0 25.4	3.25 83	0.145 3.68	1.610 40.89	1.12 0.50	1.20 5.08	1.500 38.10	1.45 0.65
2 50	2.375 60	3.0 76	1.25 31.8	4.25 108	0.154 3.91	2.067 52.50	1.94 0.87	2.18 5.54	1.939 49.25	2.67 1.20
2 1/2 65	2.875 73	3.75 95	1.25 31.8	5.0 127	0.203 5.16	2.469 62.71	3.63 1.63	2.76 7.01	2.323 59.00	4.66 2.10
3 80	3.500 89	4.5 114	1.25 31.8	5.75 146	0.216 5.49	3.068 77.93	5.57 2.5	3.00 7.62	2.900 73.66	7.24 3.26
3 1/2 90	4.000 102	5.25 133	1.50 38.1	6.75 171	0.226 5.74	3.548 90.12	7.81 3.5	3.18 8.08	3.364 85.45	10.3 4.6
4 100	4.500 114	6.0 152	1.50 38.1	7.5 191	0.237 6.02	4.026 102.26	10.3 4.6	3.37 8.56	3.826 97.18	14.4 6.5
5 125	5.563 141	7.5 190	1.50 38.1	9.0 229	0.258 6.55	5.047 128.19	17.1 7.7	3.75 9.53	4.813 122.25	24.5 11
6 150	6.625 168	9.0 229	1.75 44.5	10.75 273	0.280 7.11	6.065 154.05	26.4 12	4.32 10.97	5.761 146.33	39.7 18
8 200	8.625 219	12.0 305	1.75 44.5	13.75 349	0.322 8.18	7.981 202.72	51.0 23	5.00 12.70	7.625 193.68	76.3 34
10 250	10.750 273	15.0 381	2.0 50.8	17.0 432	0.365 9.27	10.020 254.51	89.5 40	5.00 12.70	9.750 247.65	118.0 53
12 300	12.750 324	18.0 457	2.5 63.5	20.5 521	0.375 9.53	12.000 304.80	133.0 60	5.00 12.70	11.750 298.45	171.0 77

* Tangent end is supplied square unless otherwise specified.
Short end is supplied with standard bevel. ASME/ANSI B16.25.
These fittings are also available in other sizes and/or wall thicknesses.

INCHES	POUNDS
MILLIMETRES	KILOGRAMS