

## dimensions of EN10253-4 butt Weld Elbow

The EN10253-4 stainless steel butt welded pipe standard includes more than 20 European standard stainless steel materials, including X2CrNi18-9 ( 1.4307 ) 、 X2CrNi19-11 ( 1.4306 ) 、 X2CrNi18-10 ( 1.4311 ) 、 X5CrNi18-10 ( 1.4301 ) 、 X6CrNiTi18-10 ( 1.4541 ) 、 X6CrNiNb18-10 ( 1.4550 ) 、 X1CrNi25-21 ( 1.4335 ) 、 X2CrNiMo17-12-2 ( 1.4404 )

The structural dimensions of fittings listed in Table A.1, Table A.2, Table A.5 and Table A.7 are based on ISO 5251 and ISO 3419.

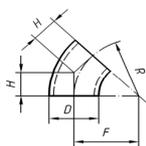


Figure 1 — 45° Elbow

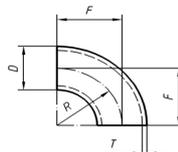


Figure 2 — 90° Elbow

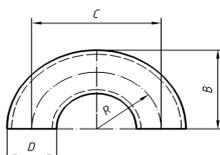


Figure 3 — Return bend

**Table A.1 — Below is structural dimensions for elbows with bending radius 2D, 3D and 5D listed**

DN	D mm	2D			3D			5D
		F mm	C mm	B mm	F mm	C mm	B mm	F mm
15	21,3	25	50	36	28	56	38	45
20	26,9	25	50	39	29	58	43	57
25	33,7	28	56	42	38	76	55	72
32	42,4	32	64	53	48	96	69	93
40	48,3	38	76	62	57	114	81	108
50	60,3	51	102	81	76	152	106	135
65	76,1	63	127	102	95	190	133	175
80	88,9	76	152	121	114	228	159	205
100	114,3	102	203	159	152	304	209	270
125	139,7	127	254	197	190	380	260	330
150	168,3	152	305	237	229	458	313	390
200	219,1	203	406	313	305	610	414	510
250	273,0	254	508	391	381	762	518	650
300	323,9	305	610	467	457	914	619	775
350	355,6	356	711	533	533	1066	711	850
400	406,4	406	813	610	610	1220	813	970
450	457,0	457	914	686	686	1372	914	1122
500	508,0	508	1016	762	762	1524	1016	1245
600	610,0	610	1220	914	914	1828	1219	1524
700	711,0	711	1422	1066	1067	2134	1422	1778
800	813,0	813	1626	1220	1219	2438	1625	2033
900	914,0	914	1828	1371	1372	2744	1829	2285
1000	1016,0	1016	2032	1524	1524	3048	2032	2540