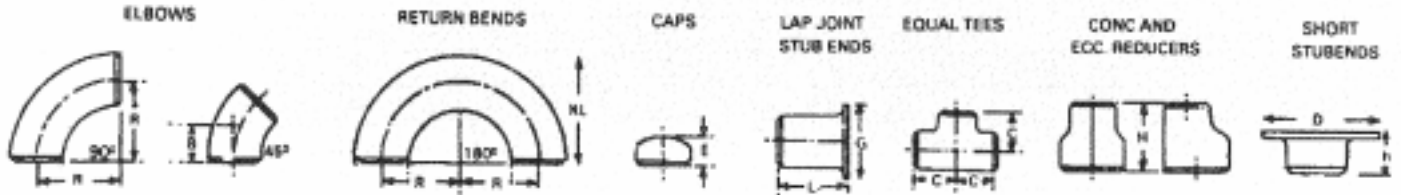


**DIMENSIONS IN MM. BUTT WELDING FITTINGS TO ANSIB 16.9
STAINLESS STEEL ASTMA 403 / CARBON STEEL ASTMA 234**



NOM BORE	PIPE O.D.	WALL THICKNESS				RADIUS R									L				
		5S	10S	40S	80S	ID	1.5D	2D	3D	A	B	C	E	G	SHORT	LONG	H	D	h
1/2	21.34	1.65	2.11	2.77	3.73	12.7	19.05	25.4	38.1	12.7	11.1	25.4	25.4	34.9	50.8	76.2	50.8	45	8
3/4	26.67	1.65	2.11	2.87	3.91	19.05	28.57	38.10	57.15	19.05	15.9	28.6	25.4	42.8	50.8	76.2	50.8	50	8
1	33.40	1.65	2.77	3.38	4.55	25.4	38.1	50.8	76.2	25.4	22.2	38.1	38.1	50.8	50.8	101.6	50.8	60	10
1.1/4	42.16	1.65	2.77	3.56	4.85	31.75	47.6	63.5	95.25	31.75	25.0	47.6	38.1	63.5	50.8	101.6	50.8	70	12
1.1/2	48.26	1.65	2.77	3.68	5.08	38.1	57.15	76.2	114.3	38.10	28.6	57.2	38.1	73.0	50.8	101.6	63.5	80	12
2	60.32	1.65	2.77	3.91	5.54	50.8	76.2	101.6	152.4	50.8	34.0	63.5	38.1	92.0	63.5	152.4	76.2	94	16
2.1/2	73.02	2.11	3.05	5.16	7.01	63.5	95.25	127.0	190.0	63.5	44.0	76.2	38.1	104.8	63.5	152.4	88.9	110	16
3	88.90	2.11	3.05	5.49	7.62	76.2	114.30	152.4	228.6	76.2	50.8	85.7	50.8	127.0	63.5	152.4	88.9	130	18
3.1/2	101.60	2.11	3.05	5.74	8.08	88.9	133.35	177.8	266.7	88.9	57.2	95.3	63.5	139.7	76.2	152.4	101.6	140	18
4	114.30	2.11	3.05	6.02	8.56	101.6	152.4	203.2	304.8	101.6	63.5	104.8	63.5	157.2	76.2	152.4	101.6	158	20
5	141.30	2.77	3.40	6.55	9.52	127.0	190.5	254.0	381.0	127.0	82.6	123.8	76.2	185.7	76.2	203.2	127.0	188	25
6	168.27	2.77	3.40	7.11	10.97	152.4	228.6	304.8	457.2	152.4	95.3	158.7	88.9	215.9	88.9	203.2	139.7	212	25
8	219.07	2.77	3.76	8.18	12.7	203.2	304.8	406.4	609.6	203.2	127.0	190.5	101.6	270.0	101.6	203.2	152.4	268	30
10	273.05	3.40	4.19	9.27	12.7	254.0	381.0	508.0	762.0	254.0	158.7	215.9	127.0	324.0	127.0	254.0	177.8	330	35
12	323.85	3.96	4.57	9.52	12.7	304.8	457.2	609.6	914.4	304.8	190.5	254.0	152.4	381.0	152.4	254.0	203.2	400	40
14	355.60	3.96	4.76	9.52	12.7	355.6	533.4	711.2	1066.8	355.6	222.2	280.0	165.1	412.8	152.4	305.0	330.2		
16	406.40	4.19	4.76	9.52	12.7	406.4	609.6	812.8	1219.2	406.4	254.0	304.8	177.8	470.0	152.4	305.0	355.6		
18	457.20	4.19	4.76	9.52	12.7	457.2	685.8	914.4	1371.6	457.2	285.7	343.0	203.2	533.4	152.4	305.0	381.0		
20	508.00	4.76	5.54	9.52	12.7	508.00	762.00	1016	1524.00	508.0	317.6	381.0	228.6	584.2	152.4	305.0	508.0		

All dimensions are in mm & confirm to ANSIB 16.9 & MS.S. SP - 43