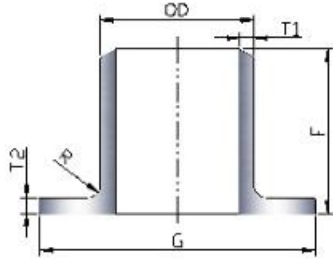




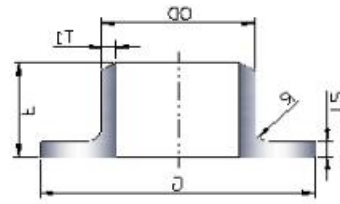
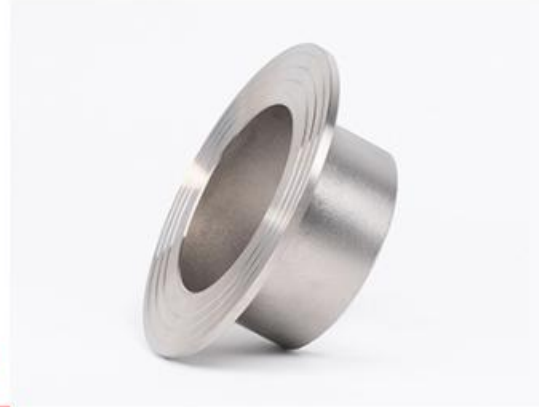
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Titanium Stub End



< Long Pattern Stub End >



< Short Pattern Stub End >

Nominal diameter		Outside diameter	Length		Diameter of lap Nominal & Maximum	Radius of Fillet	
DN	NPS		F			R	
DN	NPS	OD	SP	LP	G	A MAX	B MAX
15	1/2	21.3	50.8	76.2	35.1	3	0.75
20	3/4	26.7	50.8	76.2	42.9	3	0.75
25	1	33.4	50.8	101.6	50.8	3	0.75
32	1.1/4	42.4	50.8	101.6	63.5	5	0.75
40	1.1/2	48.3	50.8	101.6	73.2	6	0.75
50	2	60.3	63.5	152.4	91.9	8	0.75



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65	2.1/2	73	63.5	152.4	104.6	8	0.75
80	3	88.9	63.5	152.4	127	10	0.75
90	3.1/2	101.6	76.2	152.4	139.7	10	0.75
100	4	114.3	76.2	152.4	157.2	11	0.75
125	5	141.3	76.2	203.2	185.7	11	1.5
150	6	168.3	88.9	254	215.9	13	1.5
200	8	219.1	101.6	254	269.7	13	1.5
250	10	273.1	127	304.8	323.9	13	1.5
300	12	323.9	152.4	304.8	381	13	1.5
350	14	355.6	152.4	304.8	412.8	13	1.5
400	16	406.4	152.4	304.8	469.9	13	1.5
450	18	457.2	152.4	304.8	533.4	13	1.5
500	20	508	152.4	304.8	584.2	13	1.5
550	22	559	152.4	304.8	641.4	13	1.5
600	24	610	152.4	304.8	692.2	13	1.5

Nominal pipe size DN	Outside diameter at Bevel D		End to End L	Radius of fillet R	Diameter of lap G
	Series A	Series B			
15	21.3	18	38	2	46
20	26.9	25	40	2	56
25	33.7	32	40	3	65
32	42.4	38	42	3	76



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40	48.3	45	45	3	84
50	60.3	57	48	3	99
65	76.1	76	48	3	118
80	88.9	89	50	4	132
100	114.3	108	52	4	156
125	139.7	133	55	4	184
150	168.3	159	55	4	211
200	219.1	219	62	5	266
250	273	273	70	5	319
300	323.9	325	78	5	370
350	355.6	377	82	5	429
400	406.4	426	85	5	480
450	457	478	87	5	548
500	508	529	90	6	609
600	610	630	95	6	720