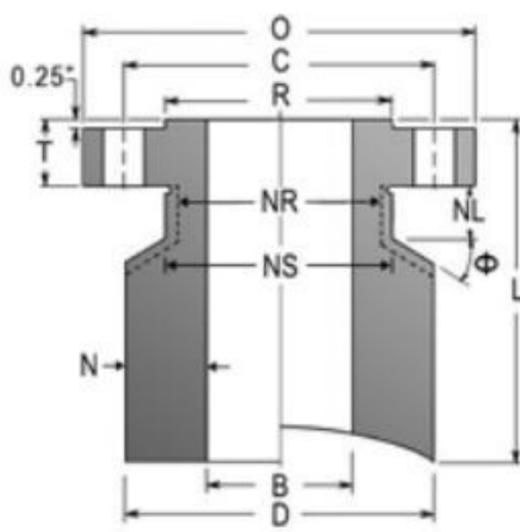
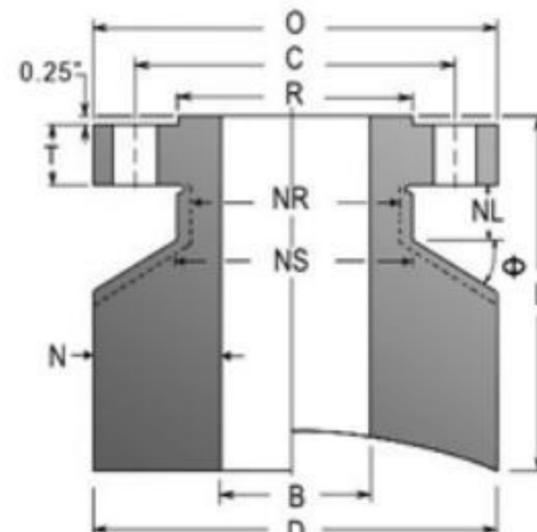


INTERMEDIATE BARREL "1 1/2"



INTERMEDIATE BARREL "1 2"



INTERMEDIATE BARREL "1 3"

(enlarge)

(enlarge)

(enlarge)

Nom Size	Flange O.D.	Flange Thick.	RF O.D.	Barrel O.D.			Bore	Neck Thickness			Bolting		Nut			Stud Bolt			Weights						Length Base	
				l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>		l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	No. of Holes	Hole Size	Bolt Circle	Stop Dia.	Relief Dia.	Relief Length	Size	RF Length	RTJ Length	l <sub>1</sub>		l <sub>2</sub>		l <sub>3</sub>		
				D	D	D		N	N	N	C	NS	NR	NL	Base	Per 1"	Base	Per 1"	Base	Per 1"	L					
1	6.25	1.38	2.00	4.00	4.62	5.50	0.96	1.52	1.83	2.27	4	1.00	4.25	2.81	2.25	1.12	.88	5.50	5.50	43	3.4	54	4.6	71	6.5	12
1 1/2	8.00	1.75	2.88	5.50	6.00	7.00	1.50	2.00	2.25	2.75	4	1.25	5.75	3.94	3.12	1.38	1.13	6.75	6.75	79	6.2	89	7.5	112	10.4	12
2	9.25	2.00	3.62	6.00	7.00	8.00	1.94	2.03	2.53	3.03	8	1.12	6.75	5.12	3.75	1.25	1	7	7	99	7.2	123	10	149	13.4	12
2 1/2	10.50	2.25	4.12	7.00	7.75	8.88	2.32	2.34	2.72	3.28	8	1.25	7.75	5.94	4.50	1.38	1.13	7.75	8	135	10	153	12	184	16	12
3	12.00	2.62	5.00	8.25	9.88	11.00	2.90	2.68	3.49	4.05	8	1.38	9.00	7.00	5.25	1.50	1.25	8.75	9	186	13	232	20	267	25	12
4	14.00	3.00	6.19	9.88	11.00	12.12	3.83	3.03	3.59	4.15	8	1.62	10.75	8.38	6.50	1.75	1.50	10	10.25	259	18	293	24	328	29	12
5	16.50	3.62	7.31	11.00	13.50	15.25	4.81	3.10	4.35	5.22	8	1.88	12.75	10.00	8.00	2.00	1.25	11.75	12.25	347	22	422	35	477	47	12
6	19.00	4.25	8.50	13.50	15.12	17.38	5.76	3.87	4.68	5.81	8	2.12	14.50	11.38	9.25	2.25	2	13.50	14	499	33	545	44	609	60	12
8	21.75	5.00	10.62	15.12	18.25	20.12	7.62	3.75	5.32	6.25	12	2.12	17.25	14.12	12.00	2.25	2	15	15.50	647	38	735	61	785	77	12
10	26.50	6.50	12.75	20.12	22.25	24.12	9.56	5.28	6.35	7.28	12	2.62	21.25	17.38	14.75	2.75	2.50	19.25	20	1342	70	1451	90	1545	109	16
12	30.00	7.25	15.00	22.25	25.00	27.75	11.38	5.44	6.81	8.19	12	2.88	24.38	20.12	17.38	3.00	2.75	21.25	22	1713	81	1844	110	1966	143	16

**Codes:** All connections are manufactured in compliance with ASME Section II, Section VIII, Div. 1, and ASME B16.5. Products may be ordered to special requirements or other standard codes such as ASME Section I, III and Section VIII, Div. 2, ASME B31.1 and B16.47 Series A&B, API and ASTM.

**Materials:** SA 105 in accordance with ASME Section II. Other material grades and compositions available upon request. See technical section.

**Bores:** Bore sizes listed are standard, smaller or larger bores are available upon request.

**Facing:** The flange thickness "T" excludes 0.25 inch raised face per ASME B16.5. This differs on Class 150 and 300. Special facing can be supplied as needed upon request.

**Nut Relief:** All connections except standard LWN's will be supplied with a "nut stop O.D." unless a "nut relief O.D." is specified.

**Lengths:** Listed lengths are standards used for base weight calculations. Other lengths are available upon request.

Φ 30° Sect VIII DIV 1 • 45° Sect VIII DIV 2