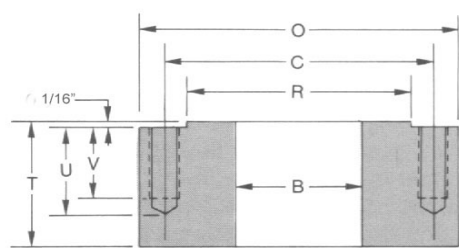
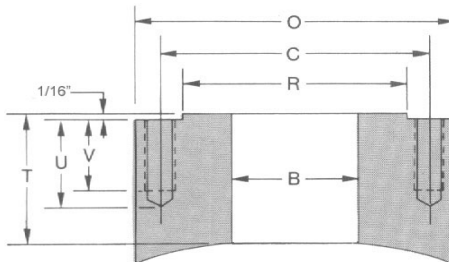


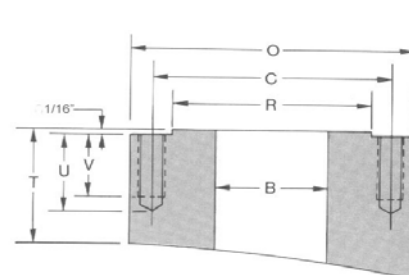
## Class 300 Studding Outlets



**Flat Bottom**



**Shell/Head Mount**



**Tangential Mount**

Bore B	OD O	Thickness T	OD of RF R	Stud Circle C	Hole Dia	# of Holes	Hole Depth U	Tap Size	T.P.I.	Tap Depth V	Flat Bottom Weight	
											Base	per 1"
1/2	3.75	1.25	1.38	2.62	27/64	4	0.88	1/2	13	0.56	3.5	3.1
3/4	4.62	1.50	1.69	3.25	17/32	4	1.12	5/8	11	0.75	6.4	4.6
1	4.88	1.50	2.00	3.50	17/32	4	1.12	5/8	11	0.75	7	5.1
1 1/4	5.25	1.50	2.50	3.88	17/32	4	1.12	5/8	11	0.75	8	5.8
1 1/2	6.12	1.75	2.88	4.50	21/32	4	1.31	3/4	10	0.88	13	7.8
2	6.50	1.50	3.62	5.00	17/32	8	1.12	5/8	11	0.75	12	8.5
2 1/2	7.50	1.75	4.12	5.88	21/32	8	1.31	3/4	10	0.88	18	11
3	8.25	1.75	5.00	6.62	21/32	8	1.31	3/4	10	0.88	22	14
3 1/2	9.00	1.75	5.50	7.25	21/32	8	1.31	3/4	10	0.88	25	15
4	10.00	1.75	6.19	7.88	21/32	8	1.31	3/4	10	0.88	30	19
5	11.00	1.75	7.31	9.25	21/32	8	1.31	3/4	10	0.88	36	21
6	12.50	1.75	8.50	10.62	21/32	12	1.31	3/4	10	0.88	44	27
8	15.00	1.88	10.62	13.00	49/64	12	1.44	7/8	9	1.00	63	36
10	17.50	2.12	12.75	15.25	7/8	16	1.56	1	8	1.12	90	46
12	20.50	2.25	15.00	17.75	1	16	1.81	1 1/8	8	1.25	127	61
14	23.00	2.25	16.25	20.25	1	20	1.81	1 1/8	8	1.25	153	74
16	25.50	2.50	18.50	22.50	1 1/8	20	2.12	1 1/4	8	1.44	201	88
18	28.00	2.50	21.00	24.75	1 1/8	24	2.12	1 1/4	8	1.44	235	102
20	30.50	2.50	23.00	27.00	1 1/8	24	2.12	1 1/4	8	1.44	273	118
24	36.00	2.88	27.25	32.00	1 3/8	24	2.38	1 1/2	8	1.69	425	160

*Dimensions are in inches. Weights are in pounds.*

**Material:** Studding Outlets are most commonly provided in SA-105. They can also be made from a full range of stainless and alloy materials.

**Thickness:** The standard thickness shown above for all studding outlets is the minimum required per ASME Section VIII Division I Paragraph UG-43(d) for thread engagement and an ID mount. It is important to note that each individual application should be analyzed for proper thickness.

**Facing:** The Studding Outlet minimum thickness "T" includes proper raised face per ANSI B16.5. Outlets can be supplied with any special facing as needed upon request.

**Drilling and Tapping:** Studding Outlets are furnished to ANSI B16.5 specifications unless otherwise specified. Thread depth is in accordance with ASME Section VIII Division I Para. UG-43(g) for a design temperature not to exceed 650°F, a base metal stress of 17,500 psi(g), and a stud stress of 25,000 psi(g). All other materials exceeding these stresses should be checked for UG-43 compliance.

**Bore:** Bore sizes shown above are standard. Other sizes can be furnished upon request.

**Curving:** All connections can be furnished contoured to fit any shell, head, or cone at an additional cost. Specify diameter to be mounted.