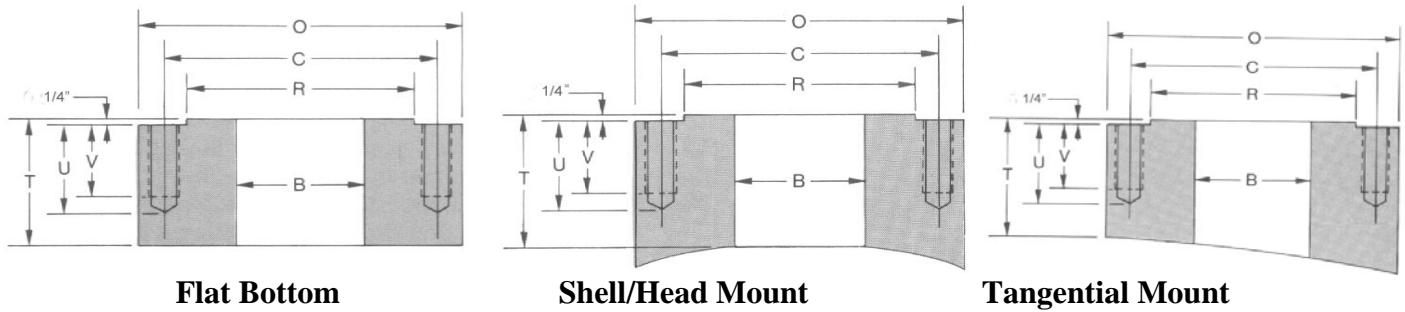


## Class 600 Studding Outlets



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	1.50	1.38	2.62	27/64	4	0.88	1/2	13	0.56	3.8	3.1
3/4	4.62	1.75	1.69	3.25	17/32	4	1.12	5/8	11	0.75	6.7	4.6
1	4.88	1.75	2.00	3.50	17/32	4	1.12	5/8	11	0.75	7.4	5.1
1 1/4	5.25	1.75	2.50	3.88	17/32	4	1.12	5/8	11	0.75	8.6	5.8
1 1/2	6.12	1.94	2.88	4.50	21/32	4	1.31	3/4	10	0.88	13	7.8
2	6.50	1.75	3.62	5.00	17/32	8	1.12	5/8	11	0.75	12	8.5
2 1/2	7.50	2.00	4.12	5.88	21/32	8	1.31	3/4	10	0.88	19	11
3	8.25	2.00	5.00	6.62	21/32	8	1.31	3/4	10	0.88	23	13
3 1/2	9.00	2.12	5.50	7.25	49/64	8	1.44	7/8	9	1.00	28	15
4	10.75	2.12	6.19	8.50	49/64	8	1.44	7/8	9	1.00	41	22
5	13.00	2.25	7.31	10.50	7/8	8	1.56	1	8	1.12	63	32
6	14.00	2.25	8.50	11.50	7/8	12	1.56	1	8	1.12	68	36
8	16.50	2.50	10.62	13.75	1	12	1.81	1 1/8	8	1.25	101	46
10	20.00	2.75	12.75	17.00	1 1/8	16	2.12	1 1/4	8	1.44	160	67
12	22.00	2.75	15.00	19.25	1 1/8	20	2.12	1 1/4	8	1.44	180	76
14	23.75	2.88	16.25	20.75	1 1/4	20	2.25	1 3/8	8	1.56	201	82
16	27.00	3.00	18.50	23.75	1 3/8	20	2.38	1 1/2	8	1.69	271	105
18	29.25	3.25	21.00	25.75	1 1/2	20	2.56	1 5/8	8	1.88	331	118
20	32.00	3.25	23.00	28.50	1 1/2	24	2.56	1 5/8	8	1.88	387	139
24	37.00	3.75	27.25	33.00	1 3/4	24	3.00	1 7/8	8	2.12	571	176

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.