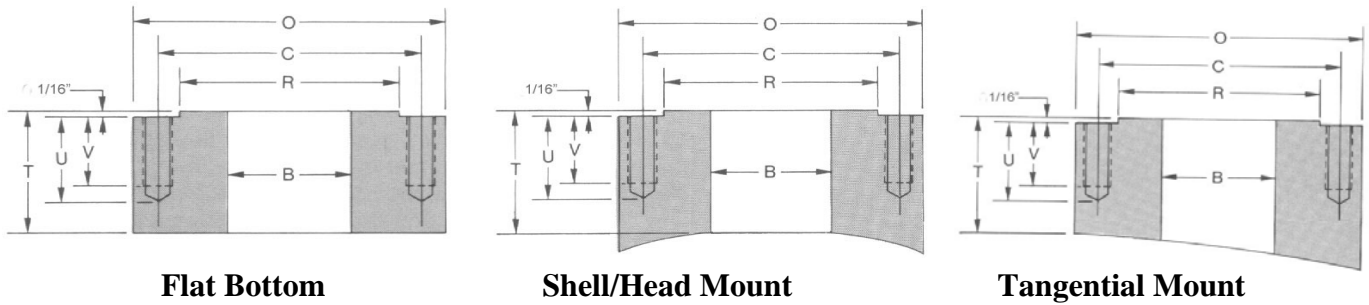


Class 150 Studding Outlets



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	3.50	1.25	1.38	2.38	27/64	4	0.88	1/2	13	0.56	3	2.7
3/4	3.88	1.25	1.69	2.75	27/64	4	0.88	1/2	13	0.56	3.7	3.2
1	4.25	1.25	2.00	3.12	27/64	4	0.88	1/2	13	0.56	4.3	3.8
1 1/4	4.62	1.25	2.50	3.50	27/64	4	0.88	1/2	13	0.56	5.1	4.4
1 1/2	5.00	1.25	2.88	3.88	27/64	4	0.88	1/2	13	0.56	5.9	5.1
2	6.00	1.50	3.62	4.75	17/32	4	1.12	5/8	11	0.75	10.2	7.1
2 1/2	7.00	1.50	4.12	5.50	17/32	4	1.12	5/8	11	0.75	14	9.5
3	7.50	1.50	5.00	6.00	17/32	4	1.12	5/8	11	0.75	15	11
3 1/2	8.50	1.50	5.50	7.00	17/32	8	1.12	5/8	11	0.75	19	13
4	9.00	1.50	6.19	7.50	17/32	8	1.12	5/8	11	0.75	20	14
5	10.00	1.75	7.31	8.50	21/32	8	1.31	3/4	10	0.88	28	17
6	11.00	1.75	8.50	9.50	21/32	8	1.31	3/4	10	0.88	31	19
8	13.50	1.75	10.62	11.75	21/32	8	1.31	3/4	10	0.88	46	26
10	16.00	1.81	12.75	14.25	49/64	12	1.44	7/8	9	1.00	58	35
12	19.00	1.81	15.00	17.00	49/64	12	1.44	7/8	9	1.00	83	48
14	21.00	2.00	16.25	18.75	7/8	12	1.56	1	8	1.12	102	55
16	23.50	2.00	18.50	21.25	7/8	16	1.56	1	8	1.12	123	66
18	25.00	2.25	21.00	22.75	1	16	1.81	1 1/8	8	1.25	140	67
20	27.50	2.25	23.00	25.00	1	20	1.81	1 1/8	8	1.25	166	79
24	32.00	2.50	27.25	29.50	1 1/8	20	2.12	1 1/4	8	1.44	231	100

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: Connections can be furnished contoured to fit any shell, head, or cone at additional cost. Specify diameter to be mounted.