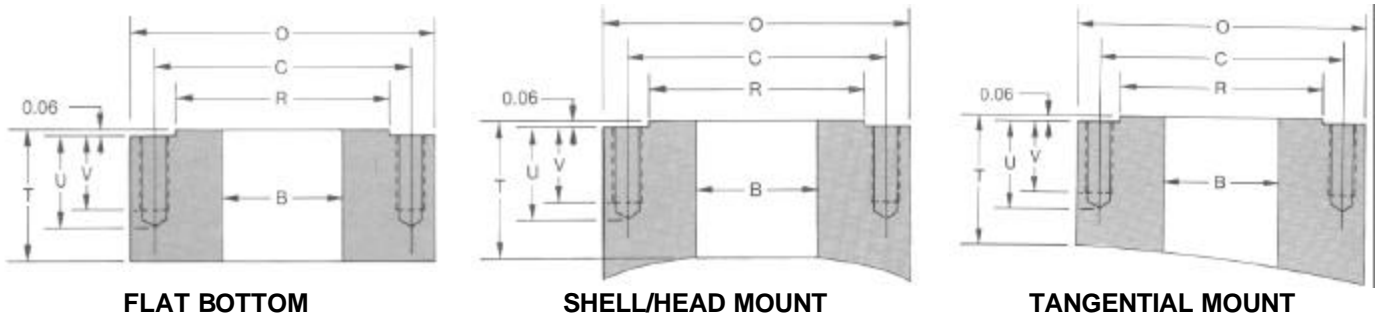


# CLASS 150 STUDDING OUTLET



Size	Outside Dia.	Thick.	R F O.D.	Stud Holes	Hole Size	Hole Depth	Stud Circle	Tap Size	T.P.I.	Tap Depth	Stud Length
	O	T	R	•	•	U	C	•	•	V	•
1/2	3.50	1.25	1.38	4	27/64	0.88	2.38	1/2	13	0.56	2.38
3/4	3.88	1.25	1.69	4	27/64	0.88	2.75	1/2	13	0.56	2.50
1	4.25	1.25	2.00	4	27/64	0.88	3.12	1/2	13	0.56	2.50
1 1/4	4.62	1.25	2.50	4	27/64	0.88	3.50	1/2	13	0.56	2.50
1 1/2	5.00	1.25	2.88	4	27/64	0.88	3.88	1/2	13	0.56	2.63
2	6.00	1.50	3.62	4	17/32	1.12	4.75	5/8	11	0.75	3.12
2 1/2	7.00	1.50	4.12	4	17/32	1.12	5.50	5/8	11	0.75	3.25
3	7.50	1.50	5.00	4	17/32	1.12	6.00	5/8	11	0.75	3.38
3 1/2	8.50	1.50	5.50	8	17/32	1.12	7.00	5/8	11	0.75	3.38
4	9.00	1.50	6.19	8	17/32	1.12	7.50	5/8	11	0.75	3.38
5	10.00	1.75	7.31	8	21/32	1.31	8.50	3/4	10	0.88	3.75
6	11.00	1.75	8.50	8	21/32	1.31	9.50	3/4	10	0.88	3.88
8	13.50	1.75	10.62	8	21/32	1.31	11.75	3/4	10	0.88	4.00
10	16.00	1.81	12.75	12	49/64	1.44	14.25	7/8	9	1.00	4.38
12	19.00	1.81	15.00	12	49/64	1.44	17.00	7/8	9	1.00	4.50
14	21.00	2.00	16.25	12	7/8	1.56	18.75	1	8	1.12	5.00
16	23.50	2.00	18.50	16	7/8	1.56	21.25	1	8	1.12	5.00
18	25.00	2.25	21.00	16	1	1.81	22.75	1 1/8	8	1.25	5.50
20	27.50	2.25	23.00	20	1	1.81	25.00	1 1/8	8	1.25	5.62
24	32.00	2.50	27.25	20	11/8	2.12	29.50	1 1/4	8	1.44	6.25

**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 in charts 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. See general notes for more details.

**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, and a stud stress of 25,000 psi. 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.

**TEXAS FLANGE 877-610-8924**