

MATERIAL: SEE B/M

DRAWN: TFK CHECKED: DEP

SCALE: NONE DATE: 9-15-95

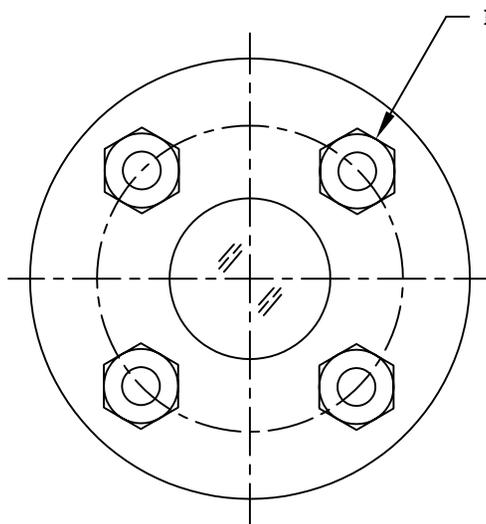


MODEL 5800  
BOLT ON SIGHT WINDOW

Section: T400  
Bulletin: T400.52  
Date: 08/01/11  
Supersedes: 01/01/10

FULL ASME RATED

FILE NO.: T400-52.DWG



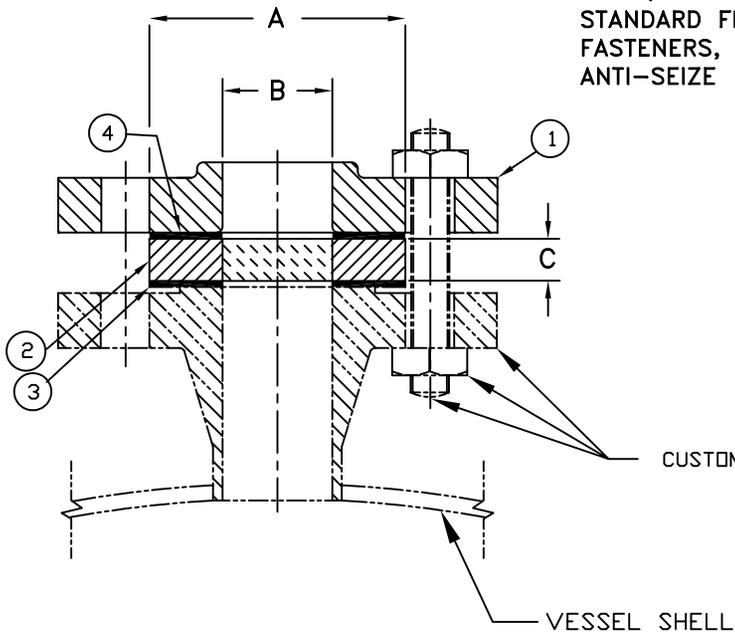
BOLT PATTERN CONFORMS TO ASME B16.5  
BOLT COUNT VARIES BY FLANGE SIZE

STANDARD DESIGN MATERIALS:

UNIGLAS RING:  
ALLOY STEEL   
HASTELLOY C

RETAINER: ASTM A-105 (STEEL)  
FASTENERS: CUSTOMER SUPPLIED  
STUDDING OUTLET/NOZZLE BODY:  
CUSTOMER SUPPLIED  
304/316 SS RETAINER AVAILABLE

\*TORQUE VALUES FOR STANDARD FLANGE FASTENERS, SHOWN USING ANTI-SEIZE



CUSTOMER SUPPLIED

VESSEL SHELL

PARTS LIST

PIECE NO.	NAME OF PART	QUAN.	MATERIAL	COMMENTS
1	RETAINER	1	STEEL	
2	UNIGLAS	1	SEE BELOW	
3	SEAL GASKET	1		
4	CUSHION GASKET	1	FIBER	

ASME CLASS PRESSURE/TEMP RATINGS

TEMP F	150 CLASS		300 CLASS		600 CLASS	
	STEEL	HAST-C	STEEL	HAST-C	STEEL	HAST-C
-20 TO 100	285	290	740	750	1480	1500
150	270	275	705	750	1415	1500
200	260	260	675	750	1350	1500
250	245	245	665	740	1335	1475
300	230	230	655	730	1315	1455
350	215	215	645	717	1290	1430
400	200	200	635	705	1270	1410
450	185	185	615	685	1235	1370
500	170	170	600	665	1200	1330

SIZE	CLASS	TORQUE*	A (IN)	A (mm)	B (IN)	B (mm)	C (IN)	C (mm)
1	150	10	2.00	50.8	1.12	28.6	.38	9.5
	300	15	2.00	50.8	1.12	28.6	.38	9.5
	600	15	2.00	50.8	1.12	28.6	.75	19.0
1-1/2	150	15	3.00	76.2	1.50	38.1	.75	19.0
	300	30	3.00	76.2	1.50	38.1	.75	19.0
	600	35	3.00	76.2	1.50	38.1	.75	19.0
2	150	20	3.62	91.9	2.12	53.8	.75	19.0
	300	15	3.62	91.9	2.12	53.8	.75	19.0
	600	15	3.62	91.9	2.12	53.8	.90	22.9
2-1/2	150	40	4.50	114	2.50	63.5	.75	19.0
	300	25	4.50	114	2.50	63.5	.75	19.0
	600	35	4.50	114	2.50	63.5	.90	22.9
3	150	50	5.00	127	3.00	76.2	.75	19.0
	300	40	5.00	127	3.00	76.2	.90	22.9
	600	50	5.00	127	3.00	76.2	1.18	30.0
4	150	35	6.00	152	4.00	102	.75	19.0
	300	55	6.00	152	4.00	102	.90	22.9
	600	85	6.00	152	4.00	102	1.18	30.0
6	150	65	8.38	213	5.75	146	.75	19.0
	300	60	8.38	213	5.75	146	.90	22.9
	600	120	8.38	213	4.00	102	1.18	30.0
8	150	120	10.50	267	7.50	190	.90	22.9
	300	120	10.50	267	6.00	152	1.40	35.6
	600						TBA	
10	150	100	12.00	305	6.00	152	.90	22.9
	300	125	12.00	305	6.00	152	1.40	35.6
	600						TBA	

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