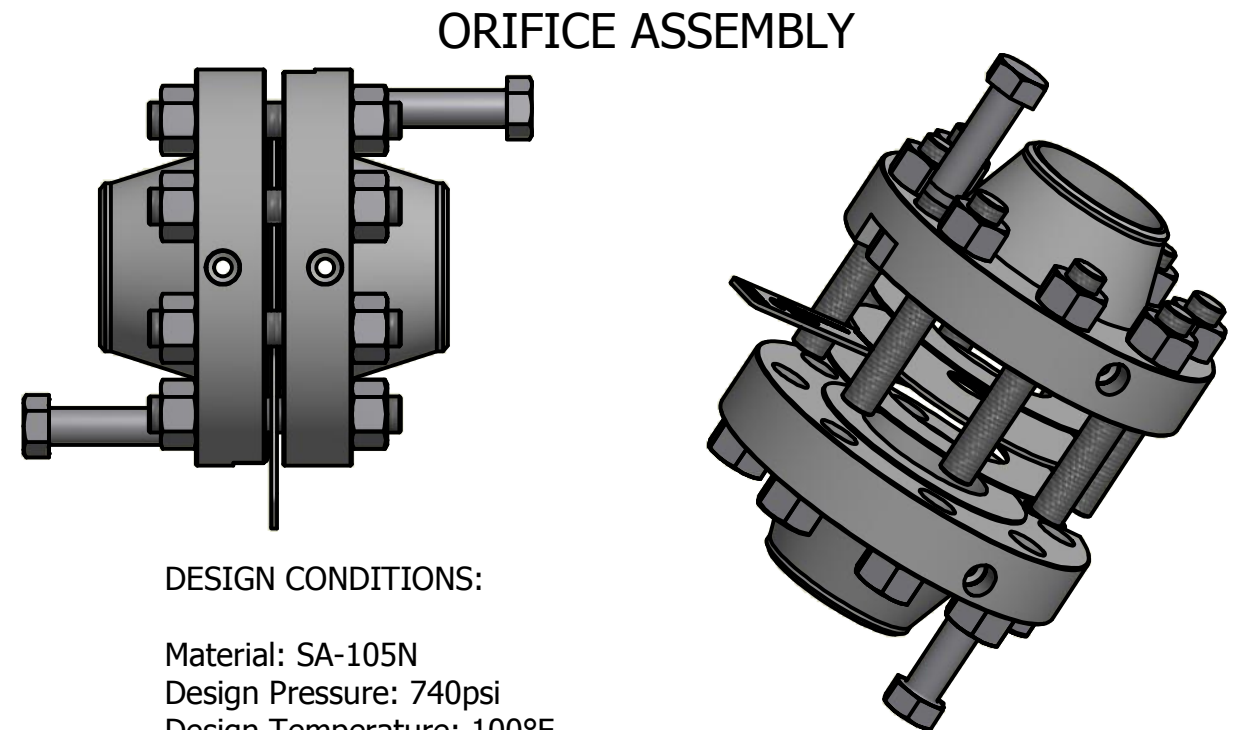
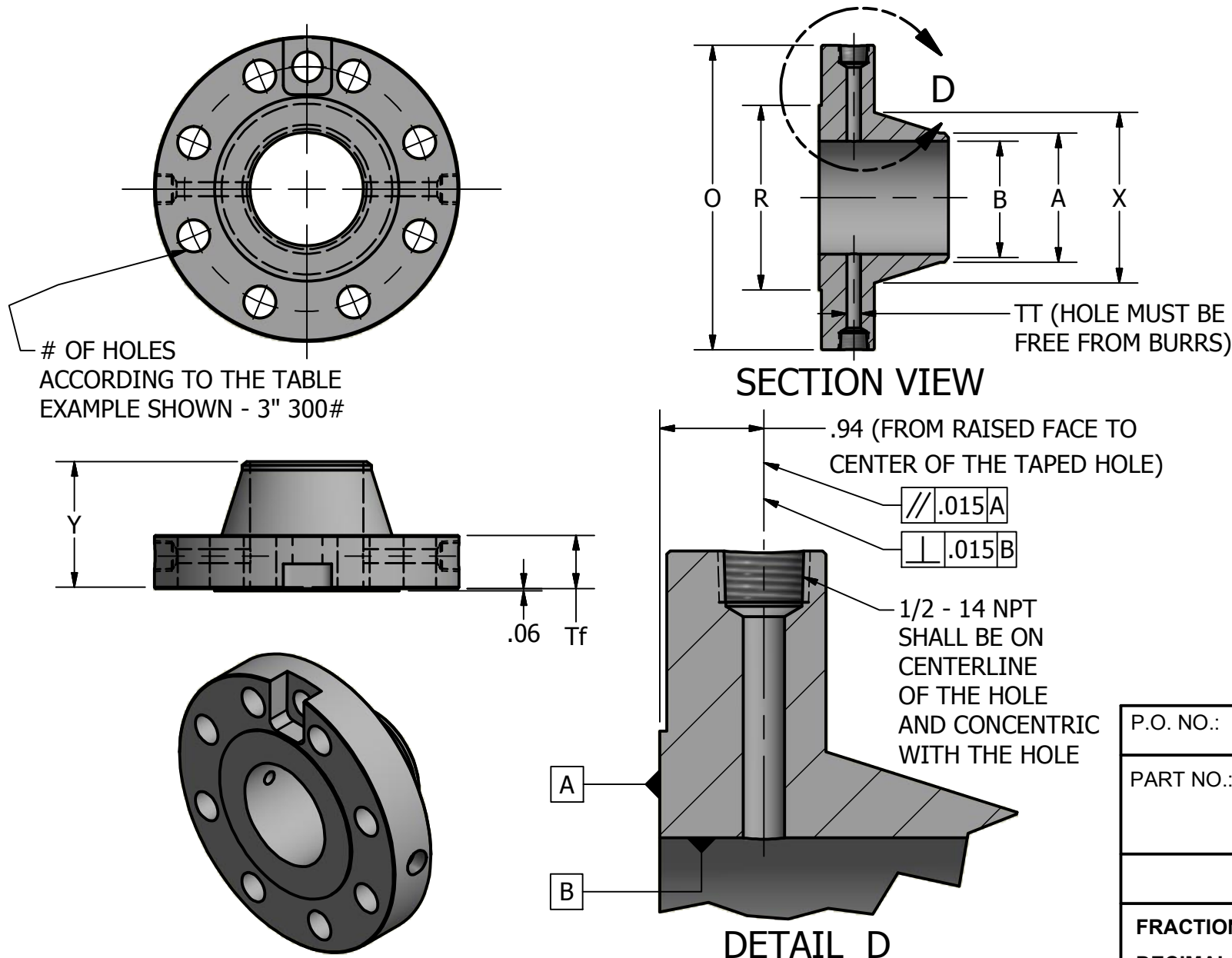


## Class 300 Orifice Flanges Welding Neck (ASME B16.36-2009)

Nominal Pipe Size	Bore Diameter Schedule 40 B	Bore Diameter Schedule 80 B	Outside Diameter of Raised Face R	Outside Diameter of Flange, O	Minimum Thickness of Flange Tf	Length Through Hub Y	Diameter of Hub X	Hub Diameter, Beginning of Chamfer A	Diameter of Pressure Connection TT	Bolt Circle	Number of Holes	Diameter of Holes	Diameter of Bolts	Machine Bolt Length	Stud Length
1"	1.049	0.957	2.00	4.88	1.44	3.19	2.12	1.32	1/4	3.50	4	11/16	5/8	4.50	5.00
1.5"	1.610	1.500	2.88	6.12	1.44	3.31	2.75	1.90	1/4	4.50	4	13/16	3/4	4.75	5.25
2"	2.067	1.939	3.62	6.50	1.44	3.31	3.31	2.38	1/4	5.00	8	11/16	5/8	4.50	5.00
3"	3.068	2.900	5.00	8.25	1.44	3.44	4.62	3.50	3/8	6.62	8	13/16	3/4	4.75	5.25
4"	4.026	3.826	6.19	10.00	1.44	3.56	5.75	4.50	1/2	7.88	8	13/16	3/4	4.75	5.25
6"	6.065	5.761	8.50	12.50	1.44	3.88	8.12	6.63	1/2	10.62	12	7/8	3/4	4.75	5.25
8"	7.981	7.625	10.62	15.00	1.56	4.31	10.25	8.63	1/2	13.00	12	1	7/8	5.00	5.75
10"	10.020	9.564	12.75	17.50	1.81	4.56	12.62	10.75	1/2	15.25	16	1-1/8	1	5.75	6.5
12"	11.938	11.376	15.00	20.50	1.94	5.06	14.75	12.75	1/2	17.75	16	1-1/4	1-1/8	6.25	7.00



A3	REPLACED BOLTS WITH STUDS	04/12/13
A2	ADDED DETAIL D	04/11/13
A1	ISSUED FOR REVIEW	12/19/12
REV	DESCRIPTION	DATE

P.O. NO.:		FOR:			
PART NO.:		TITLE: Class 300 Welding Neck Orifice Flanges			
SIZE:	DWG. NO:	SHEET:	REV:		
	orifice flange templete. ipt	1	A3		
<b>TOLERANCES</b>		DRW BY: JS	CHECKED BY: AM	DATE: 6/25/2010	
FRACTIONAL DIM =	± 1/32"				
DECIMAL DIM .XX =	± 0.010"				
DECIMAL DIM .XXX =	± 0.005"				
ANGULAR DIM =	± 2°				
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