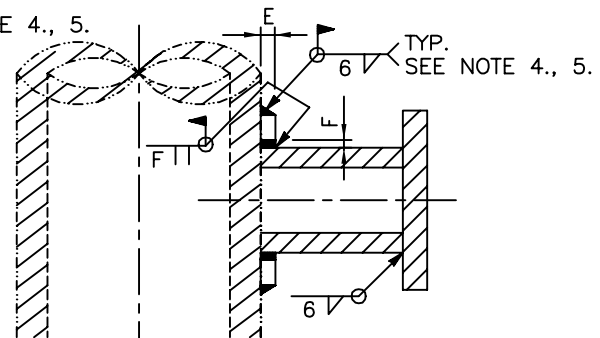
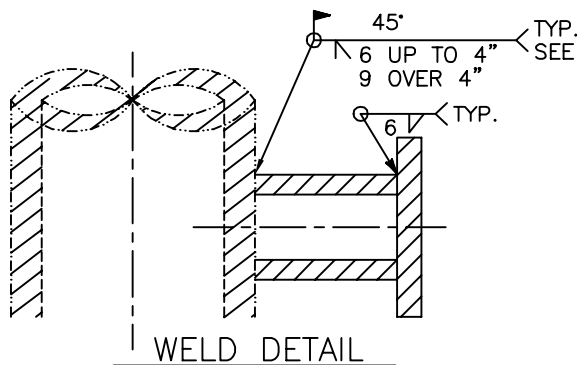
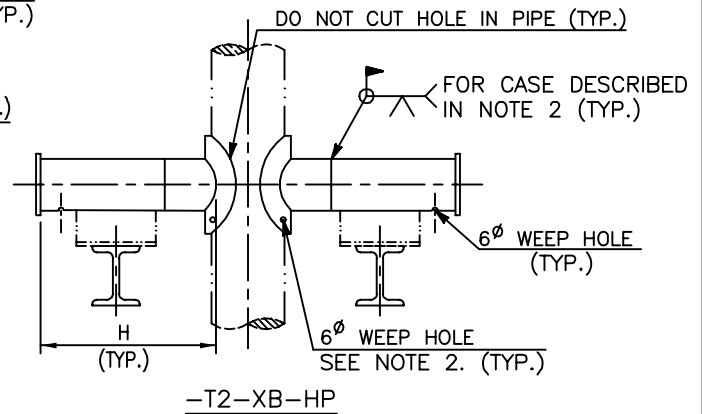
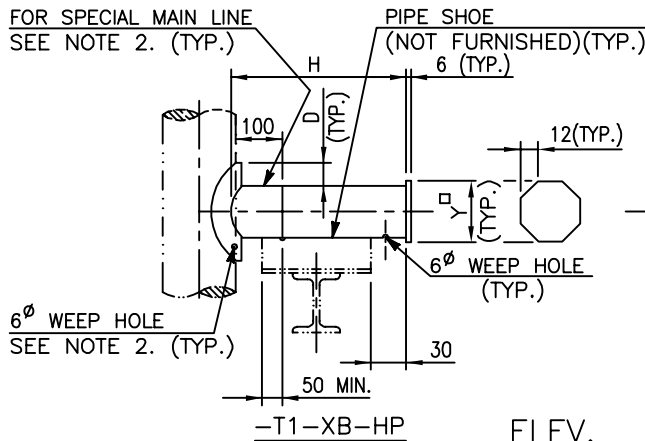
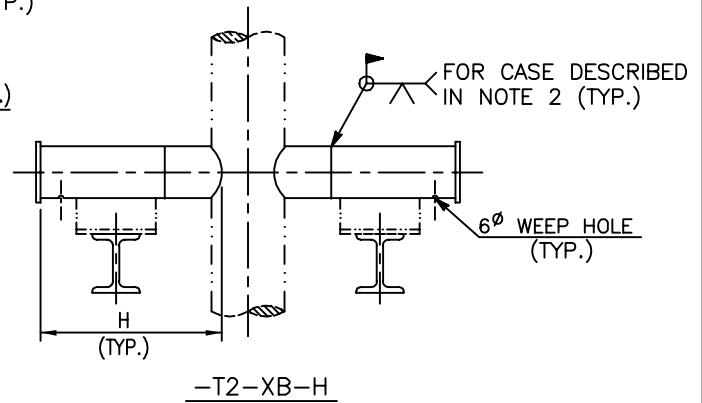
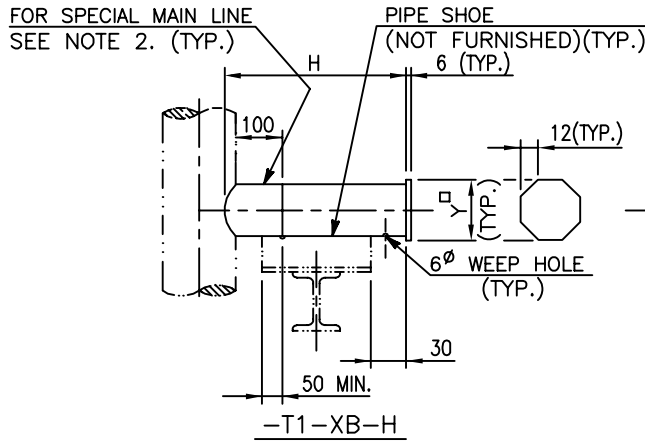


FOR PIPE LINE SIZE : 3" ~ 42"



NOTES :

1. DESIGNATION NUMBER DENOTE AS FOLLOWS :

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DENOTE TYPE NO. ———

DENOTE NOM. TRUNN. PIPE SIZE ———

DENOTE ONE(or TWO) -TRUNN. TYPE ———

DENOTE MAIN LINE SIZE ———

DENOTE REIN. PAD IS REQ'D. ———

DENOTE THE LG. OF TRUNN. (IN 100mm) ———

- FOR STAINLESS STEEL & STRESS RELIEF LINES, THE MATERIALS SHALL BE THE SAME AS MAIN LINES, AND IT SHALL BE FABRICATED TOGETHER WITH MAIN LINE IN SHOP.
- THE MOMENT CAPACITY OF THE TABLE ARE FOR ONE-TRUNN. TYPE, FOR TWO-TRUNN. TYPE THE CAPACITIES SHALL BE DOUBLED.
- DIMENSION "F" : STAINLESS TAKES 6mm.
CARBON STEEL TAKES 9mm.
- ALL WELDED CONNECTIONS SHALL BE MADE WITH 6mm WELD, BUT FOR ALL WELDS WITH PIPE, THE WELDING THICKNESS SHALL NO EXCEED THE THICKNESS THE THICKNESS OF PIPE UNLESS OTHERWISE NOTED.

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	CORRECTION FACTORS							
TEMP. °C	93	150	205	260	315	340	370	399
FACTOR	1.000	1.055	1.109	1.168	1.239	1.275	1.313	1.430

DIMENSION (mm), TABLE BELOW: 1 INCH-KIPS = 113 N-M

		TRUNNION — NOMINAL PIPE SIZE																	
		2"		3"		4"		6"		8"		10"		12"		14"			
		SCH. 80		SCH. 40 OR GREATER										3/8"W OR GREATER					
Y		80		110		140		190		240		290		340		380			
NOM. PIPE SIZE	PIPE SCH.	PAD REQUIREMENTS																PAD TH'K MIN. "E"	DIM. "D" mm
		NO PAD		NO PAD		NO PAD		NO PAD		NO PAD		NO PAD		NO PAD		NO PAD			
		MOMENT CAPACITY OF ONE TRUNNION. (INCH–KIPS)																	
3"	40	1	6															5.5	40
4"	40	1	7	3	15													6.0	50
6"	40	2	8	4	17	6	28											7.0	65
8"	40	2	9	5	19	8	32	17	69									8.5	90
10"	40			6	21	9	35	20	77	34	130							9.0	100
12"	3/8"W			5	21	9	34	19	74	33	125	51	195					9.5	100
14"	3/8"W					9	33	19	71	31	120	49	186	69	262			9.5	115
16"	3/8"W					8	30	17	66	29	112	46	174	64	245	78	295	9.5	115
18"	3/8"W							16	62	28	106	43	164	61	231	73	278	9.5	125
20"	3/8"W							16	59	26	100	41	156	57	219	69	264	9.5	125
24"	3/8"W							14	54	24	91	37	142	52	200	63	241	9.5	140
30"	3/8"W									21	82	33	127	47	179	57	215	9.5	165
36"	3/8"W											30	116	43	163	52	197	9.5	180
42"	3/8"W											28	107	40	151	48	182	9.5	190
3"	80	3	9															5.5	40
4"	80	3	10	7	21													6.0	50
6"	80	5	11	10	26	17	43											7.0	65
8"	80	5	11	12	26	20	49	43	106									8.5	90
10"	1/2"W			11	26	18	48	38	104	65	175							9.0	100
12"	1/2"W			10	26	16	45	35	97	59	164	92	255					9.5	100
14"	1/2"W					15	43	33	93	57	157	88	244	124	343			9.5	115
16"	1/2"W					14	40	31	87	53	147	82	228	116	321	140	387	9.5	115
18"	1/2"W							30	82	50	138	78	215	109	302	132	365	9.5	125
20"	1/2"W							28	77	47	131	74	204	104	287	125	346	9.5	125
24"	1/2"W							26	71	43	120	67	186	95	262	114	316	9.5	140
30"	1/2"W									39	107	60	167	85	234	102	283	9.5	165
36"	1/2"W											55	152	77	214	93	258	9.5	180
42"	1/2"W											51	141	72	198	86	239	9.5	190



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CORRECTION FACTORS											
TEMP. °C	TP304	TP316	TP347	TEMP. °C	TP304	TP316	TP347	TEMP. °C	TP304	TP316	TP347
-325 TO 93	1.00	0.89	0.89	399	1.60	0.99	1.13	621	2.90	1.96	2.08
				427	1.67	0.99	1.14	649	3.70	2.45	3.33
150	1.11	0.93	0.98	454	1.72	1.01	1.16	677	5.12	3.14	4.63
205	1.22	0.95	1.05	482	1.77	1.04	1.18	704	6.80	4.16	6.17
260	1.33	0.97	1.10	510	1.83	1.10	1.20	732	9.25	5.55	8.32
315	1.44	0.97	1.12	538	1.89	1.19	1.23	760	11.89	7.09	10.74
340	1.49	0.98	1.12	566	1.96	1.36	1.27	788	16.65	9.00	13.88
370	1.54	0.98	1.13	593	2.22	1.60	1.33	816	22.20	11.10	16.65

DIMENSION (mm), TABLE BELOW: 1 INCH-KIPS = 113 N-M

		TRUNNION — NOMINAL PIPE SIZE																PAD TH'K MIN. "E"		DIM. "D" mm
		2"		3"		4"		6"		8"		10"		12"		14"				
		MIN. SCH. SAME AS HEADER																		
Y		80		110		140		190		240		290		340		380				
NOM. PIPE SIZE	PIPE SCH.	PAD REQUIREMENTS																		
		NO PAD	PAD	NO PAD	PAD	NO PAD	PAD	NO PAD	PAD	NO PAD	PAD	NO PAD	PAD	NO PAD	PAD	NO PAD	PAD			
		MOMENT CAPACITY OF ONE TRUNNION. (INCH—KIPS)																		
3"	5S	1	3															2.0	30	
4"	5S	1	2	2	5													2.0	40	
6"	5S	1	3	2	6	4	10											3.0	45	
8"	5S	1	3	2	5	3	9	7	20									3.0	60	
10"	5S			2	7	4	11	8	24	14	41							3.5	65	
12"	5S			2	8	5	14	11	30	18	51	28	79					4.0	75	
14"	5S					4	12	9	26	16	45	25	70	35	98			4.0	75	
16"	5S					4	12	10	27	16	46	25	71	35	100	42	120	4.0	85	
18"	5S							9	25	15	43	24	67	33	94	40	113	4.0	90	
20"	5S							10	29	18	50	27	77	39	108	47	131	5.0	100	
24"	5S							12	33	20	57	31	88	44	124	53	149	5.5	120	
30"	5S									22	62	34	97	48	136	58	164	6.5	145	
3"	10S	2	5															3.0	30	
4"	10S	1	4	3	9													3.0	40	
6"	10S	1	4	3	9	5	14											3.5	45	
8"	10S	1	4	3	9	5	14	11	31									4.0	60	
10"	10S			3	9	5	15	12	33	20	55							4.0	65	
12"	10S			3	10	6	16	12	34	21	58	32	90					4.5	75	
14"	10S					6	16	12	35	21	59	33	92	46	130			5.0	75	
16"	10S					5	15	12	33	20	55	30	86	43	121	52	146	5.0	85	
18"	10S							11	31	18	52	29	81	40	114	49	138	5.0	90	
20"	10S							13	37	22	62	34	96	48	135	58	163	5.5	100	
24"	10S							14	41	25	70	38	108	54	152	65	183	6.5	120	
30"	10S									31	87	48	135	67	189	81	228	8.0	145	



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