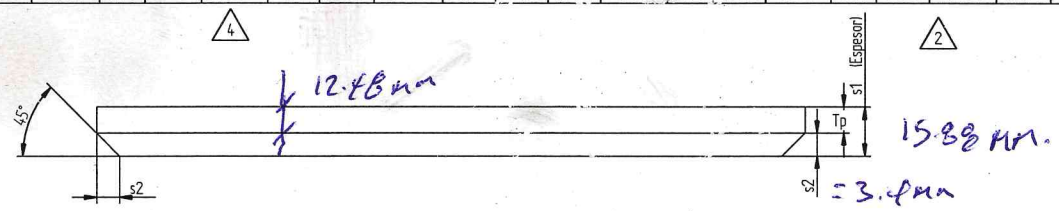
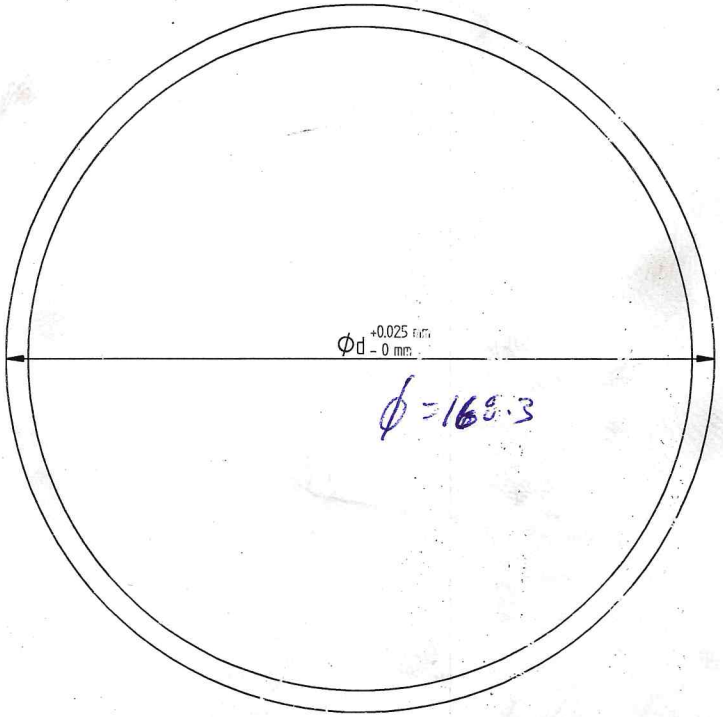
Header Tube Data						Flat Stainless Steel										Flat Black Steel										Baan Item					
Nominal Diameter	External Diameter		Thickness (Schedule) mm			Ød	Thickness (Schedule) mm									Ød	Thickness (Schedule) mm									Stainless Steel			Black Steel		
						mm	10			40			80			mm	10			40			80			Schedule			Schedule		
in	in	mm	10	40	80		s1	s2	Tp	s1	s2	Tp	s1	s2	Tp		s1	s2	Tp	s1	s2	Tp	s1	s2	Tp	10	40	80	10	40	80
1/2	0.84	21.336	2.11	2.77	3.73	21.34	**6.35**	2.11	4.24	**6.35**	2.77	3.58	**6.35**	3.73	2.62	21.3	**6.35**	2.11	4.24	**6.35**	2.77	3.58	**6.35**	3.73	2.62	BDDV021.2	BDDV021.1	BDDV021.4	BDDF021.2	BDDF021.3	BDDF021.4
3/4	1.05	26.670	2.11	2.87	3.91	26.67	**6.35**	2.11	4.24	**6.35**	2.87	3.48	**6.35**	3.91	2.44	26.7	**6.35**	2.11	4.24	**6.35**	2.87	3.48	**6.35**	3.91	2.44	BDDV026.2	BDDV026.1	BDDV026.4	BDDF026.2	BDDF026.3	BDDF026.4
1	1.315	33.401	2.77	3.38	4.55	33.40	**7.95**	2.77	5.18	**7.95**	3.38	4.57	**7.95**	4.55	3.40	33.4	**7.95**	2.77	5.18	**7.95**	3.38	4.57	**7.95**	4.55	3.40	BDDV033.2	BDDV033.1	BDDV033.4	BDDF033.2	BDDF033.3	BDDF033.4
1 1/4	1.66	42.164	2.77	3.56	4.85	42.16	**7.95**	2.77	5.18	**7.95**	3.56	4.39	**7.95**	4.85	3.10	42.2	**7.95**	2.77	5.18	**7.95**	3.56	4.39	**7.95**	4.85	3.10	BDDV042.2	BDDV042.1	BDDV042.4	BDDF042.2	BDDF042.3	BDDF042.4
1 1/2	1.9	48.260	2.77	3.68	5.08	48.26	**7.95**	2.77	5.18	**7.95**	3.68	4.27	**7.95**	5.08	2.87	48.3	**7.95**	2.77	5.18	**7.95**	3.68	4.27	**7.95**	5.08	2.87	BDDV048.2	BDDV048.3	BDDV048.4	BDDF048.2	BDDF048.3	BDDF048.4
2	2.375	60.325	2.77	3.91	5.54	60.33	**9.52**	2.77	6.75	**9.52**	3.91	5.61	**9.52**	5.54	3.98	60.3	**6.35**	2.77	3.58	**6.35**	3.91	2.44	**6.35**	5.54	0.81	BDDV060.2	BDDV060.3	BDDV060.4	BDDF060.2	BDDF060.3	BDDF060.4
2 1/2	2.875	73.025	3.05	5.16	7.01	73.03	**11.12**	3.05	8.07	**11.12**	5.16	5.96	**11.12**	7.01	4.11	73.0	**7.95**	3.05	4.90	**7.95**	5.16	2.79	**7.95**	7.01	0.94	BDDV073.2	BDDV073.3	BDDV073.4	BDDF073.2	BDDF073.3	BDDF073.4
3	3.5	88.900	3.05	5.49	7.62	88.90	**11.12**	3.05	8.07	**11.12**	5.49	5.63	**11.12**	7.62	3.50	88.9	**7.95**	3.05	4.90	**7.95**	5.49	2.46	**7.95**	7.62	0.33	BDDV088.2	BDDV088.3	BDDV088.4	BDDF088.2	BDDF088.3	BDDF088.4
3 1/2	4	101.600	3.05	5.74	8.08	101.60	**11.12**	3.05	8.07	**12.70**	5.74	6.96	**11.12**	8.08	3.04	[illegible]	**11.12**	3.05	8.07	**11.12**	5.74	5.38	**11.12**	8.08	3.04	BDDV101.2	BDDV101.3	BDDV101.4	BDDF101.2	BDDF101.3	BDDF101.4
4	4.5	114.300	3.05	6.02	8.56	114.30	**12.70**	3.05	9.65	**12.70**	6.02	6.68	**12.70**	8.56	[illegible]	114.3	**11.12**	3.05	8.07	**11.12**	6.02	5.10	**11.12**	8.56	2.56	BDDV114.2	BDDV114.3	BDDV114.4	BDDF114.2	BDDF114.3	BDDF114.4
5	5.563	141.300	3.40	6.55	9.52	141.3	**15.88**	3.40	12.48	**15.88**	6.55	9.32	**22.23**	9.52	12.70	141.3	**12.70**	3.40	9.30	**15.88**	6.55	9.32	**22.23**	9.52	12.70	BDDV141.2	BDDV141.3	BDDV141.4	BDDF141.2	BDDF141.3	BDDF141.4
6	6.625	168.300	3.40	7.11	11.00	168.3	**15.88**	3.40	12.48	**15.88**	7.11	8.76	**22.23**	11.00	11.25	168.3	**15.88**	3.40	12.47	**15.88**	7.11	8.76	**22.23**	11.00	11.25	BDDV168.1	BDDV168.2	BDDV168.3	BDDF168.1	BDDF168.2	BDDF168.3
8	8.625	219.100	3.80	8.20	12.70	219.1	**22.23**	3.75	18.48	**19.05**	8.17	10.87	**28.58**	12.70	15.88	219.1	**19.05**	3.75	15.30	**19.05**	8.17	10.87	**28.58**	12.70	15.88	BDDV219	BDDV219.1	BDDV219.2	BDDF219	BDDF219.1	BDDF219.2





*SS According to SA-240 TP 304/304L
*BS According to SA-516 GRADE 70
* Maximum Allowable Working Temperature.= 200 °F (93°C)
MAWP=464 psi (32 bar)
According ASME

H (z)
L (y)
B (x)

escala				tamaño	DIN A2
material					
peso [kg]			0		
notificación					
04 Update table	23.09.2015	smontalvo	tipo	Beveled Flat	
03 Table Update	03.06.2014	valero	nombre	Flat beveled plate	
02 table update	22.05.2014	valero			
01 Updated Item Numbers	23.04.2013	elozano	Baan-No.		
descripción	fecha	nombre	número de dibujo	300-0000363926	rev. 04
	fecha	nombre			
dib:	05.03.2013	elozano	cliente		
aprb:	13.11.2015	valero	proyecto / cantidad		
			orden / posición		

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soldadura eléctrica / autógena: DIN EN ISO 13920, tolerancias clase B
tolerancias generales: DIN ISO 2768-1, partes clase m / ensambles k, longitud >4m DIN 7168, partes clase m / ensambles sg
tolerancias generales: DIN ISO 2768-2, partes clase K / ensambles L, longitud >3m EN 10162, planicidad y linealidad 0,0012x (longitud)