

S = 8000		Hemispherical Heads							© 2003 Pressure Vessel Engineering Ltd. www.pveng.com											
		ASME VIII-1 UG-32(f), thickness as formed							Phone: (519)-880-9808 Fax: (519) 880-9810											
Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
12"	Max PSI at E=1.00	168.1	339.0	514.2	689.7	870	1053	1239	1429	1818	2222	2642	3077	3529	4000	4490	5000	6087	7273	PSI
	Max PSI at E=0.85	142.9	288.1	437.1	586.2	739	895	1053	1214	1545	1889	2245	2615	3000	3400	3816	4250	5174	6182	PSI
	Max PSI at E=0.70	117.6	237.3	360.0	482.8	609	737	867	1000	1273	1556	1849	2154	2471	2800	3143	3500	4261	5091	PSI
	Volume	0.25	0.25	0.24	0.23	0.22	0.22	0.21	0.20	0.19	0.18	0.16	0.15	0.14	0.13	0.12	0.11	0.09	0.08	ft^3
	Weight	4.0	7.9	11.7	10.7	13.4	16.0	18.7	21.4	26.7	32.1	37.4	42.8	48.1	53.5	58.8	64.2	74.8	86	Lbs cs
18"	Max PSI at E=1.00	111.7	224.7	339.9	454.5	571	690	809	930	1176	1429	1687	1951	2222	2500	2785	3077	3684	4324	PSI
	Max PSI at E=0.85	95.0	191.0	288.9	386.4	486	586	688	791	1000	1214	1434	1659	1889	2125	2367	2615	3132	3676	PSI
	Max PSI at E=0.70	78.2	157.3	237.9	318.2	400	483	566	651	824	1000	1181	1366	1556	1750	1949	2154	2579	3027	PSI
	Volume	0.87	0.85	0.83	0.81	0.79	0.78	0.76	0.74	0.71	0.68	0.65	0.62	0.59	0.56	0.54	0.51	0.46	0.42	ft^3
	Weight	9.0	17.8	26.6	24.1	30.1	36.1	42.1	48.1	60.1	72.2	84.2	96.2	108.3	120.3	132.3	144.3	168.4	192	Lbs cs
24"	Max PSI at E=1.00	83.7	168.1	253.8	339.0	426	513	601	690	870	1053	1239	1429	1622	1818	2018	2222	2642	3077	PSI
	Max PSI at E=0.85	71.1	142.9	215.8	288.1	362	436	511	586	739	895	1053	1214	1378	1545	1716	1889	2245	2615	PSI
	Max PSI at E=0.70	58.6	117.6	177.7	237.3	298	359	421	483	609	737	867	1000	1135	1273	1413	1556	1849	2154	PSI
	Volume	2.06	2.03	2.00	1.97	1.93	1.90	1.87	1.84	1.78	1.73	1.67	1.61	1.56	1.51	1.45	1.40	1.31	1.21	ft^3
	Weight	16.0	31.7	47.5	42.8	53.5	64.2	74.8	85.5	106.9	128.3	149.7	171.1	192.5	213.8	235.2	256.6	299.4	342.1	Lbs cs
30"	Max PSI at E=1.00	66.9	134.2	202.6	270.3	339	408	478	548	690	833	979	1127	1277	1429	1583	1739	2059	2388	PSI
	Max PSI at E=0.85	56.9	114.1	172.2	229.7	288	347	406	466	586	708	832	958	1085	1214	1345	1478	1750	2030	PSI
	Max PSI at E=0.70	46.8	94.0	141.8	189.2	237	286	334	384	483	583	685	789	894	1000	1108	1217	1441	1672	PSI
	Volume	4.04	3.99	3.94	3.89	3.84	3.79	3.74	3.70	3.60	3.51	3.42	3.33	3.24	3.15	3.07	2.98	2.82	2.66	ft^3
	Weight	25.0	49.7	74.4	66.8	83.5	100.2	116.9	133.6	167.1	200.5	233.9	267.3	300.7	334.1	367.5	400.9	467.8	534.6	Lbs cs
36"	Max PSI at E=1.00	55.7	111.7	168.5	224.7	282	339	397	455	571	690	809	930	1053	1176	1302	1429	1687	1951	PSI
	Max PSI at E=0.85	47.4	95.0	143.2	191.0	239	288	337	386	486	586	688	791	895	1000	1107	1214	1434	1659	PSI
	Max PSI at E=0.70	39.0	78.2	118.0	157.3	197	237	278	318	400	483	566	651	737	824	911	1000	1181	1366	PSI
	Volume	7.00	6.92	6.85	6.78	6.71	6.64	6.57	6.50	6.36	6.22	6.09	5.95	5.82	5.70	5.57	5.44	5.20	4.96	ft^3
	Weight	36.0	71.7	107.4	96.2	120.3	144.3	168.4	192.5	240.6	288.7	336.8	384.9	433.0	481.1	529.2	577.4	673.6	769.8	Lbs cs
42"	Max PSI at E=1.00	47.7	95.7	144.3	192.3	241	290	339	388	488	588	690	792	896	1000	1106	1212	1429	1649	PSI
	Max PSI at E=0.85	40.6	81.3	122.6	163.5	205	246	288	330	415	500	586	673	761	850	940	1030	1214	1402	PSI
	Max PSI at E=0.70	33.4	67.0	101.0	134.6	169	203	237	272	341	412	483	554	627	700	774	848	1000	1155	PSI
	Volume	11.12	11.03	10.93	10.83	10.73	10.63	10.54	10.44	10.25	10.06	9.88	9.70	9.52	9.34	9.16	8.99	8.65	8.31	ft^3
	Weight	49.0	97.6	146.4	131.0	163.7	196.5	229.2	262.0	327.4	392.9	458.4	523.9	589.4	654.9	720.4	785.9	916.8	1047.8	Lbs cs
48"	Max PSI at E=1.00	41.8	83.7	126.1	168.1	211	253	296	339	426	513	601	690	779	870	961	1053	1239	1429	PSI
	Max PSI at E=0.85	35.5	71.1	107.2	142.9	179	215	252	288	362	436	511	586	662	739	817	895	1053	1214	PSI
	Max PSI at E=0.70	29.2	58.6	88.3	117.6	147	177	207	237	298	359	421	483	545	609	672	737	867	1000	PSI
	Volume	16.62	16.49	16.36	16.24	16.11	15.98	15.86	15.73	15.48	15.23	14.99	14.75	14.51	14.27	14.04	13.81	13.35	12.91	ft^3
	Weight	64.0	127.6	191.5	171.1	213.8	256.6	299.4	342.1	427.7	513.2	598.7	684.3	769.8	855.4	940.9	1026.4	1197.5	1368.6	Lbs cs
54"	Max PSI at E=1.00	37.1	74.3	112.0	149.3	187	225	263	301	377	455	532	611	690	769	849	930	1094	1260	PSI
	Max PSI at E=0.85	31.5	63.2	95.2	126.9	159	191	223	256	321	386	452	519	586	654	722	791	930	1071	PSI
	Max PSI at E=0.70	26.0	52.0	78.4	104.5	131	157	184	211	264	318	373	427	483	538	595	651	766	882	PSI
	Volume	23.69	23.53	23.36	23.20	23.04	22.88	22.72	22.56	22.24	21.92	21.61	21.30	21.00	20.69	20.39	20.10	19.51	18.94	ft^3
	Weight	81.0	161.6	242.5	216.5	270.6	324.8	378.9	433.0	541.3	649.5	757.8	866.0	974.3	1082.6	1190.8	1299.1	1515.6	1732.1	Lbs cs

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Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
60"	Max PSI at E=1.00	33.4	66.9	100.8	134.2	168.1	202.0	236.1	270.3	339.0	408.2	477.8	547.9	618.6	689.7	761.2	833.3	979.0	1126.8	PSI
	Max PSI at E=0.85	28.4	56.9	85.7	114.1	142.9	171.7	200.7	229.7	288.1	346.9	406.1	465.8	525.8	586.2	647.1	708.3	832.2	957.7	PSI
	Max PSI at E=0.70	23.4	46.8	70.5	94.0	117.6	141.4	165.3	189.2	237.3	285.7	334.5	383.6	433.0	482.8	532.9	583.3	685.3	788.7	PSI
	Volume	32.52	32.32	32.11	31.91	31.71	31.51	31.31	31.12	30.72	30.33	29.94	29.56	29.18	28.80	28.43	28.06	27.33	26.61	ft^3
	Weight	100.0	199.6	299.6	267.3	334.1	400.9	467.8	534.6	668.2	801.9	935.5	1069.2	1202.8	1336.5	1470.1	1603.8	1871.1	2138.4	Lbs cs
66"	Max PSI at E=1.00	30.3	60.8	91.6	122.0	152.7	183.5	214.4	245.4	307.7	370.4	433.4	496.9	560.7	625.0	689.7	754.7	886.1	1019.1	PSI
	Max PSI at E=0.85	25.8	51.7	77.8	103.7	129.8	156.0	182.2	208.6	261.5	314.8	368.4	422.4	476.6	531.3	586.2	641.5	753.2	866.2	PSI
	Max PSI at E=0.70	21.2	42.6	64.1	85.4	106.9	128.4	150.1	171.8	215.4	259.3	303.4	347.8	392.5	437.5	482.8	528.3	620.3	713.4	PSI
	Volume	43.31	43.06	42.82	42.57	42.33	42.09	41.85	41.61	41.13	40.65	40.18	39.72	39.25	38.79	38.34	37.88	36.99	36.11	ft^3
	Weight	121.1	241.7	362.8	323.4	404.3	485.1	566.0	646.9	808.6	970.3	1132.0	1293.7	1455.4	1617.1	1778.9	1940.6	2264.0	2587.4	Lbs cs
72"	Max PSI at E=1.00	27.8	55.7	83.9	111.7	139.9	168.1	196.4	224.7	281.7	339.0	396.6	454.5	512.8	571.4	630.4	689.7	809.2	930.2	PSI
	Max PSI at E=0.85	23.6	47.4	71.3	95.0	118.9	142.9	166.9	191.0	239.4	288.1	337.1	386.4	435.9	485.7	535.8	586.2	687.9	790.7	PSI
	Max PSI at E=0.70	19.5	39.0	58.7	78.2	97.9	117.6	137.4	157.3	197.2	237.3	277.6	318.2	359.0	400.0	441.3	482.8	566.5	651.2	PSI
	Volume	56.25	55.96	55.67	55.38	55.09	54.80	54.51	54.23	53.65	53.09	52.52	51.97	51.41	50.86	50.31	49.77	48.70	47.64	ft^3
	Weight	144.1	287.7	431.9	384.9	481.1	577.4	673.6	769.8	962.3	1154.7	1347.2	1539.6	1732.1	1924.5	2117.0	2309.4	2694.4	3079.3	Lbs cs
78"	Max PSI at E=1.00	25.7	51.4	77.4	103.1	129.0	155.0	181.1	207.3	259.7	312.5	365.5	418.8	472.4	526.3	580.5	634.9	744.7	855.6	PSI
	Max PSI at E=0.85	21.8	43.7	65.8	87.6	109.7	131.8	153.9	176.2	220.8	265.6	310.7	356.0	401.6	447.4	493.4	539.7	633.0	727.3	PSI
	Max PSI at E=0.70	18.0	36.0	54.2	72.2	90.3	108.5	126.8	145.1	181.8	218.8	255.9	293.2	330.7	368.4	406.3	444.4	521.3	598.9	PSI
	Volume	71.55	71.21	70.86	70.52	70.18	69.84	69.50	69.17	68.50	67.83	67.17	66.51	65.85	65.20	64.56	63.92	62.65	61.39	ft^3
	Weight	169.1	337.7	507.1	451.7	564.7	677.6	790.5	903.5	1129.3	1355.2	1581.1	1806.9	2032.8	2258.7	2484.5	2710.4	3162.1	3613.9	Lbs cs
84"	Max PSI at E=1.00	23.8	47.7	71.9	95.7	119.8	143.9	168.1	192.3	241.0	289.9	339.0	388.3	438.0	487.8	537.9	588.2	689.7	792.1	PSI
	Max PSI at E=0.85	20.3	40.6	61.1	81.3	101.8	122.3	142.9	163.5	204.8	246.4	288.1	330.1	372.3	414.6	457.2	500.0	586.2	673.3	PSI
	Max PSI at E=0.70	16.7	33.4	50.3	67.0	83.8	100.7	117.6	134.6	168.7	202.9	237.3	271.8	306.6	341.5	376.5	411.8	482.8	554.5	PSI
	Volume	89.40	89.00	88.60	88.20	87.81	87.41	87.02	86.63	85.85	85.07	84.30	83.53	82.77	82.02	81.26	80.52	79.03	77.57	ft^3
	Weight	196.2	391.8	588.3	523.9	654.9	785.9	916.8	1047.8	1309.8	1571.7	1833.7	2095.6	2357.6	2619.5	2881.5	3143.4	3667.3	4191.2	Lbs cs
90"	Max PSI at E=1.00	22.2	44.5	67.1	89.3	111.7	134.2	156.8	179.4	224.7	270.3	316.0	362.0	408.2	454.5	501.1	547.9	642.2	737.3	PSI
	Max PSI at E=0.85	18.9	37.9	57.0	75.9	95.0	114.1	133.3	152.5	191.0	229.7	268.6	307.7	346.9	386.4	426.0	465.8	545.9	626.7	PSI
	Max PSI at E=0.70	15.6	31.2	46.9	62.5	78.2	94.0	109.7	125.6	157.3	189.2	221.2	253.4	285.7	318.2	350.8	383.6	449.5	516.1	PSI
	Volume	109.99	109.53	109.07	108.62	108.16	107.71	107.26	106.81	105.91	105.02	104.13	103.25	102.37	101.50	100.63	99.77	98.06	96.37	ft^3
	Weight	225.2	449.8	675.6	601.4	751.8	902.1	1052.5	1202.8	1503.5	1804.3	2105.0	2405.7	2706.4	3007.1	3307.8	3608.5	4209.9	4811.3	Lbs cs
96"	Max PSI at E=1.00	20.9	41.8	62.9	83.7	104.7	125.8	146.9	168.1	210.5	253.2	296.0	339.0	382.2	425.5	469.1	512.8	600.9	689.7	PSI
	Max PSI at E=0.85	17.7	35.5	53.4	71.1	89.0	106.9	124.9	142.9	178.9	215.2	251.6	288.1	324.8	361.7	398.7	435.9	510.7	586.2	PSI
	Max PSI at E=0.70	14.6	29.2	44.0	58.6	73.3	88.1	102.8	117.6	147.4	177.2	207.2	237.3	267.5	297.9	328.4	359.0	420.6	482.8	PSI
	Volume	133.52	133.00	132.47	131.96	131.44	130.92	130.41	129.90	128.87	127.86	126.84	125.84	124.84	123.84	122.85	121.86	119.91	117.97	ft^3
	Weight	256.3	511.9	768.8	684.3	855.4	1026.4	1197.5	1368.6	1710.7	2052.8	2395.0	2737.1	3079.3	3421.4	3763.5	4105.7	4790.0	5474.2	Lbs cs
102"	Max PSI at E=1.00	19.6	39.3	59.2	78.7	98.5	118.3	138.2	158.1	198.0	238.1	278.3	318.7	359.3	400.0	440.9	481.9	564.5	647.8	PSI
	Max PSI at E=0.85	16.7	33.4	50.3	66.9	83.7	100.6	117.5	134.4	168.3	202.4	236.6	270.9	305.4	340.0	374.7	409.6	479.8	550.6	PSI
	Max PSI at E=0.70	13.7	27.5	41.4	55.1	69.0	82.8	96.7	110.7	138.6	166.7	194.8	223.1	251.5	280.0	308.6	337.3	395.2	453.4	PSI
	Volume	160.19	159.60	159.01	158.42	157.84	157.26	156.68	156.10	154.94	153.79	152.64	151.50	150.37	149.24	148.12	147.00	144.79	142.59	ft^3
	Weight	289.3	577.9	868.2	772.5	965.6	1158.7	1351.9	1545.0	1931.2	2317.5	2703.7	3090.0	3476.2	3862.4	4248.7	4634.9	5407.4	6179.9	Lbs cs

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Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
108"	Max PSI at E=1.00	18.5	37.1	55.9	74.3	93.0	111.7	130.5	149.3	186.9	224.7	262.7	300.8	339.0	377.4	415.9	454.5	532.3	610.7	PSI
	Max PSI at E=0.85	15.8	31.5	47.5	63.2	79.1	95.0	110.9	126.9	158.9	191.0	223.3	255.6	288.1	320.8	353.5	386.4	452.5	519.1	PSI
	Max PSI at E=0.70	13.0	26.0	39.1	52.0	65.1	78.2	91.3	104.5	130.8	157.3	183.9	210.5	237.3	264.2	291.1	318.2	372.6	427.5	PSI
	Volume	190.2	189.5	188.9	188.2	187.6	186.9	186.3	185.6	184.3	183.0	181.7	180.4	179.2	177.9	176.6	175.4	172.9	170.4	ft^3
	Weight	324	648	973	866	1083	1299	1516	1732	2165	2598	3031	3464	3897	4330	4763	5196	6062	6928	Lbs cs
114"	Max PSI at E=1.00	17.6	35.1	52.9	70.4	88.1	105.8	123.6	141.3	177.0	212.8	248.7	284.7	320.9	357.1	393.6	430.1	503.6	577.6	PSI
	Max PSI at E=0.85	14.9	29.9	45.0	59.9	74.9	89.9	105.0	120.1	150.4	180.9	211.4	242.0	272.7	303.6	334.5	365.6	428.1	491.0	PSI
	Max PSI at E=0.70	12.3	24.6	37.0	49.3	61.7	74.1	86.5	98.9	123.9	148.9	174.1	199.3	224.6	250.0	275.5	301.1	352.5	404.3	PSI
	Volume	223.7	223.0	222.2	221.5	220.8	220.1	219.3	218.6	217.2	215.7	214.3	212.9	211.4	210.0	208.6	207.2	204.4	201.7	ft^3
	Weight	361	722	1085	965	1206	1447	1689	1930	2412	2895	3377	3860	4342	4825	5307	5790	6755	7720	Lbs cs
120"	Max PSI at E=1.00	16.7	33.4	50.3	66.9	83.7	100.5	117.4	134.2	168.1	202.0	236.1	270.3	304.6	339.0	373.5	408.2	477.8	547.9	PSI
	Max PSI at E=0.85	14.2	28.4	42.7	56.9	71.1	85.4	99.7	114.1	142.9	171.7	200.7	229.7	258.9	288.1	317.5	346.9	406.1	465.8	PSI
	Max PSI at E=0.70	11.7	23.4	35.2	46.8	58.6	70.4	82.1	94.0	117.6	141.4	165.3	189.2	213.2	237.3	261.5	285.7	334.5	383.6	PSI
	Volume	261.0	260.2	259.3	258.5	257.7	256.9	256.1	255.3	253.7	252.1	250.5	248.9	247.3	245.8	244.2	242.7	239.6	236.5	ft^3
	Weight	401	800	1202	1069	1336	1604	1871	2138	2673	3208	3742	4277	4811	5346	5881	6415	7484	8554	Lbs cs
126"	Max PSI at E=1.00	15.9	31.8	47.9	63.7	79.7	95.7	111.7	127.8	160.0	192.3	224.7	257.2	289.9	322.6	355.4	388.3	454.5	521.2	PSI
	Max PSI at E=0.85	13.5	27.0	40.7	54.1	67.7	81.3	95.0	108.6	136.0	163.5	191.0	218.6	246.4	274.2	302.1	330.1	386.4	443.0	PSI
	Max PSI at E=0.70	11.1	22.3	33.5	44.6	55.8	67.0	78.2	89.5	112.0	134.6	157.3	180.1	202.9	225.8	248.8	271.8	318.2	364.8	PSI
	Volume	302.16	301.27	300.36	299.47	298.58	297.69	296.80	295.91	294.13	292.37	290.61	288.86	287.12	285.38	283.65	281.93	278.51	275.11	ft^3
	Weight	442	882	1326	1179	1473	1768	2063	2358	2947	3536	4126	4715	5305	5894	6483	7073	8251	9430	Lbs cs
132"	Max PSI at E=1.00	15.2	30.3	45.7	60.8	76.0	91.3	106.6	122.0	152.7	183.5	214.4	245.4	276.5	307.7	339.0	370.4	433.4	496.9	PSI
	Max PSI at E=0.85	12.9	25.8	38.8	51.7	64.6	77.6	90.6	103.7	129.8	156.0	182.2	208.6	235.0	261.5	288.1	314.8	368.4	422.4	PSI
	Max PSI at E=0.70	10.6	21.2	32.0	42.6	53.2	63.9	74.6	85.4	106.9	128.4	150.1	171.8	193.5	215.4	237.3	259.3	303.4	347.8	PSI
	Volume	347.5	346.5	345.5	344.5	343.5	342.5	341.6	340.6	338.6	336.7	334.8	332.9	330.9	329.0	327.1	325.2	321.5	317.7	ft^3
	Weight	485	968	1455	1294	1617	1941	2264	2587	3234	3881	4528	5175	5822	6469	7115	7762	9056	10350	Lbs cs
138"	Max PSI at E=1.00	14.5	29.0	43.7	58.1	72.7	87.3	102.0	116.6	146.0	175.4	205.0	234.6	264.3	294.1	324.0	354.0	414.2	474.8	PSI
	Max PSI at E=0.85	12.3	24.7	37.1	49.4	61.8	74.2	86.7	99.1	124.1	149.1	174.2	199.4	224.7	250.0	275.4	300.9	352.1	403.6	PSI
	Max PSI at E=0.70	10.2	20.3	30.6	40.7	50.9	61.1	71.4	81.6	102.2	122.8	143.5	164.2	185.0	205.9	226.8	247.8	289.9	332.3	PSI
	Volume	397.1	396.0	394.9	393.9	392.8	391.7	390.6	389.6	387.4	385.3	383.2	381.1	379.0	376.9	374.8	372.8	368.6	364.5	ft^3
	Weight	530	1059	1591	1414	1768	2121	2475	2828	3535	4242	4949	5656	6363	7070	7777	8484	9898	11312	Lbs cs
144"	Max PSI at E=1.00	13.9	27.8	41.9	55.7	69.7	83.7	97.7	111.7	139.9	168.1	196.4	224.7	253.2	281.7	310.3	339.0	396.6	454.5	PSI
	Max PSI at E=0.85	11.8	23.6	35.6	47.4	59.2	71.1	83.0	95.0	118.9	142.9	166.9	191.0	215.2	239.4	263.8	288.1	337.1	386.4	PSI
	Max PSI at E=0.70	9.7	19.5	29.3	39.0	48.8	58.6	68.4	78.2	97.9	117.6	137.4	157.3	177.2	197.2	217.2	237.3	277.6	318.2	PSI
	Volume	451.2	450.0	448.9	447.7	446.5	445.4	444.2	443.0	440.7	438.4	436.1	433.8	431.5	429.2	427.0	424.7	420.2	415.7	ft^3
	Weight	577	1153	1732	1540	1925	2309	2694	3079	3849	4619	5389	6159	6928	7698	8468	9238	10777	12317	Lbs cs
150"	Max PSI at E=1.00	13.3	26.7	40.2	53.5	66.9	80.3	93.8	107.2	134.2	161.3	188.4	215.6	242.9	270.3	297.7	325.2	380.4	436.0	PSI
	Max PSI at E=0.85	11.3	22.7	34.2	45.5	56.9	68.3	79.7	91.2	114.1	137.1	160.2	183.3	206.5	229.7	253.0	276.4	323.4	370.6	PSI
	Max PSI at E=0.70	9.3	18.7	28.1	37.4	46.8	56.2	65.6	75.1	94.0	112.9	131.9	150.9	170.0	189.2	208.4	227.6	266.3	305.2	PSI
	Volume	510.0	508.8	507.5	506.2	505.0	503.7	502.4	501.2	498.6	496.1	493.6	491.1	488.7	486.2	483.7	481.3	476.4	471.5	ft^3
	Weight	626	1251	1880	1671	2088	2506	2924	3341	4177	5012	5847	6682	7518	8353	9188	10024	11694	13365	Lbs cs

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S = 8000		Hemispherical Heads								© 2003 Pressure Vessel Engineering Ltd. www.pveng.com										
		ASME VIII-1 UG-32(f), thickness as formed								Phone: (519)-880-9808 Fax: (519) 880-9810										
Head Thickness		0.063	0.125	0.188	0.250	0.313	0.375	0.438	0.500	0.625	0.750	0.875	1.000	1.125	1.250	1.375	1.500	1.750	2.000	Inch
156"	Max PSI at E=1.00	12.8	25.7	38.6	51.4	64.3	77.2	90.1	103.1	129.0	155.0	181.1	207.3	233.5	259.7	286.1	312.5	365.5	418.8	PSI
	Max PSI at E=0.85	10.9	21.8	32.8	43.7	54.7	65.6	76.6	87.6	109.7	131.8	153.9	176.2	198.4	220.8	243.2	265.6	310.7	356.0	PSI
	Max PSI at E=0.70	9.0	18.0	27.0	36.0	45.0	54.1	63.1	72.2	90.3	108.5	126.8	145.1	163.4	181.8	200.3	218.8	255.9	293.2	PSI
	Volume	573.8	572.4	571.0	569.7	568.3	566.9	565.5	564.2	561.5	558.7	556.0	553.3	550.6	548.0	545.3	542.6	537.3	532.1	ft^3
	Weight	677	1353	2033	1807	2259	2710	3162	3614	4517	5421	6324	7228	8131	9035	9938	10842	12649	14455	Lbs cs
162"	Max PSI at E=1.00	12.4	24.7	37.2	49.5	61.9	74.3	86.8	99.3	124.2	149.3	174.3	199.5	224.7	250.0	275.3	300.8	351.8	403.0	PSI
	Max PSI at E=0.85	10.5	21.0	31.6	42.1	52.6	63.2	73.8	84.4	105.6	126.9	148.2	169.6	191.0	212.5	234.0	255.6	299.0	342.6	PSI
	Max PSI at E=0.70	8.6	17.3	26.0	34.7	43.3	52.0	60.8	69.5	87.0	104.5	122.0	139.7	157.3	175.0	192.7	210.5	246.2	282.1	PSI
	Volume	642.6	641.1	639.7	638.2	636.7	635.2	633.7	632.3	629.3	626.4	623.5	620.6	617.7	614.8	611.9	609.0	603.3	597.6	ft^3
	Weight	730	1459	2193	1949	2436	2923	3410	3897	4871	5846	6820	7794	8769	9743	10717	11692	13640	15589	Lbs cs
168"	Max PSI at E=1.00	11.9	23.8	35.9	47.7	59.7	71.7	83.7	95.7	119.8	143.9	168.1	192.3	216.6	241.0	265.4	289.9	339.0	388.3	PSI
	Max PSI at E=0.85	10.1	20.3	30.5	40.6	50.7	60.9	71.1	81.3	101.8	122.3	142.9	163.5	184.1	204.8	225.6	246.4	288.1	330.1	PSI
	Max PSI at E=0.70	8.3	16.7	25.1	33.4	41.8	50.2	58.6	67.0	83.8	100.7	117.6	134.6	151.6	168.7	185.8	202.9	237.3	271.8	PSI
	Volume	716.8	715.2	713.6	712.0	710.4	708.8	707.2	705.6	702.5	699.3	696.2	693.0	689.9	686.8	683.7	680.6	674.4	668.3	ft^3
	Weight	785	1569	2359	2096	2620	3143	3667	4191	5239	6287	7335	8382	9430	10478	11526	12574	14669	16765	Lbs cs
174"	Max PSI at E=1.00	11.5	23.0	34.6	46.1	57.6	69.2	80.8	92.4	115.6	138.9	162.2	185.6	209.1	232.6	256.1	279.7	327.1	374.7	PSI
	Max PSI at E=0.85	9.8	19.6	29.4	39.2	49.0	58.8	68.7	78.5	98.3	118.1	137.9	157.8	177.7	197.7	217.7	237.8	278.0	318.5	PSI
	Max PSI at E=0.70	8.1	16.1	24.2	32.3	40.3	48.4	56.5	64.7	80.9	97.2	113.6	129.9	146.3	162.8	179.3	195.8	229.0	262.3	PSI
	Volume	796.4	794.7	793.0	791.3	789.6	787.9	786.1	784.4	781.1	777.7	774.3	770.9	767.6	764.2	760.9	757.6	750.9	744.3	ft^3
	Weight	842	1684	2530	2248	2810	3372	3934	4496	5620	6744	7868	8992	10116	11240	12364	13488	15736	17984	Lbs cs
180"	Max PSI at E=1.00	11.1	22.2	33.5	44.5	55.7	66.9	78.1	89.3	111.7	134.2	156.8	179.4	202.0	224.7	247.5	270.3	316.0	362.0	PSI
	Max PSI at E=0.85	9.4	18.9	28.5	37.9	47.4	56.9	66.4	75.9	95.0	114.1	133.3	152.5	171.7	191.0	210.3	229.7	268.6	307.7	PSI
	Max PSI at E=0.70	7.8	15.6	23.4	31.2	39.0	46.8	54.7	62.5	78.2	94.0	109.7	125.6	141.4	157.3	173.2	189.2	221.2	253.4	PSI
	Volume	881.7	879.9	878.0	876.2	874.4	872.6	870.8	868.9	865.3	861.7	858.1	854.4	850.9	847.3	843.7	840.1	833.0	826.0	ft^3
	Weight	902	1802	2708	2406	3007	3609	4210	4811	6014	7217	8420	9623	10826	12028	13231	14434	16840	19245	Lbs cs
186"	Max PSI at E=1.00	10.8	21.5	32.4	43.1	53.9	64.7	75.6	86.4	108.1	129.9	151.7	173.5	195.4	217.4	239.4	261.4	305.7	350.1	PSI
	Max PSI at E=0.85	9.1	18.3	27.5	36.6	45.8	55.0	64.2	73.4	91.9	110.4	128.9	147.5	166.1	184.8	203.5	222.2	259.8	297.6	PSI
	Max PSI at E=0.70	7.5	15.1	22.7	30.2	37.7	45.3	52.9	60.5	75.7	90.9	106.2	121.5	136.8	152.2	167.6	183.0	214.0	245.1	PSI
	Volume	972.9	971.0	969.0	967.1	965.1	963.2	961.2	959.3	955.4	951.5	947.6	943.8	940.0	936.1	932.3	928.5	920.9	913.4	ft^3
	Weight	963	1924	2892	2569	3211	3853	4495	5137	6422	7706	8991	10275	11559	12844	14128	15412	17981	20550	Lbs cs
192"	Max PSI at E=1.00	10.4	20.9	31.4	41.8	52.2	62.7	73.2	83.7	104.7	125.8	146.9	168.1	189.3	210.5	231.8	253.2	296.0	339.0	PSI
	Max PSI at E=0.85	8.9	17.7	26.7	35.5	44.4	53.3	62.2	71.1	89.0	106.9	124.9	142.9	160.9	178.9	197.0	215.2	251.6	288.1	PSI
	Max PSI at E=0.70	7.3	14.6	22.0	29.2	36.6	43.9	51.2	58.6	73.3	88.1	102.8	117.6	132.5	147.4	162.3	177.2	207.2	237.3	PSI
	Volume	1070.2	1068.1	1066.0	1064.0	1061.9	1059.8	1057.7	1055.7	1051.5	1047.4	1043.3	1039.2	1035.1	1031.0	1026.9	1022.8	1014.7	1006.7	ft^3
	Weight	1026	2050	3081	2737	3421	4106	4790	5474	6843	8211	9580	10948	12317	13686	15054	16423	19160	21897	Lbs cs
198"	Max PSI at E=1.00	10.1	20.2	30.4	40.5	50.6	60.8	71.0	81.1	101.5	122.0	142.4	162.9	183.5	204.1	224.7	245.4	286.9	328.5	PSI
	Max PSI at E=0.85	8.6	17.2	25.9	34.4	43.0	51.7	60.3	69.0	86.3	103.7	121.1	138.5	156.0	173.5	191.0	208.6	243.9	279.3	PSI
	Max PSI at E=0.70	7.1	14.2	21.3	28.3	35.4	42.6	49.7	56.8	71.1	85.4	99.7	114.1	128.4	142.9	157.3	171.8	200.8	230.0	PSI
	Volume	1173.8	1171.6	1169.3	1167.1	1164.9	1162.7	1160.5	1158.3	1153.9	1149.5	1145.1	1140.8	1136.4	1132.0	1127.7	1123.4	1114.8	1106.2	ft^3
	Weight	1091	2180	3277	2911	3639	4366	5094	5822	7277	8733	10188	11643	13099	14554	16010	17465	20376	23287	Lbs cs