

S = 16000		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	336.1	678.0	1028.4	1379.3	1739	2105	2478	2857	3636	4444	5283	6154	7059	8000	8980	10000	12174	14545	PSI
	Max PSI at E=0.85	285.7	576.3	874.2	1172.4	1478	1789	2106	2429	3091	3778	4491	5231	6000	6800	7633	8500	10348	12364	PSI
	Max PSI at E=0.70	235.3	474.6	719.9	965.5	1217	1474	1735	2000	2545	3111	3698	4308	4941	5600	6286	7000	8522	10182	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	223.5	449.4	679.8	909.1	1143	1379	1618	1860	2353	2857	3373	3902	4444	5000	5570	6154	7368	8649	PSI
	Max PSI at E=0.85	189.9	382.0	577.8	772.7	971	1172	1376	1581	2000	2429	2867	3317	3778	4250	4734	5231	6263	7351	PSI
	Max PSI at E=0.70	156.4	314.6	475.9	636.4	800	966	1133	1302	1647	2000	2361	2732	3111	3500	3899	4308	5158	6054	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	167.4	336.1	507.7	678.0	851	1026	1202	1379	1739	2105	2478	2857	3243	3636	4037	4444	5283	6154	PSI
	Max PSI at E=0.85	142.3	285.7	431.5	576.3	723	872	1021	1172	1478	1789	2106	2429	2757	3091	3431	3778	4491	5231	PSI
	Max PSI at E=0.70	117.2	235.3	355.4	474.6	596	718	841	966	1217	1474	1735	2000	2270	2545	2826	3111	3698	4308	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	133.8	268.5	405.1	540.5	678	816	956	1096	1379	1667	1958	2254	2553	2857	3165	3478	4118	4776	PSI
	Max PSI at E=0.85	113.7	228.2	344.4	459.5	576	694	812	932	1172	1417	1664	1915	2170	2429	2691	2957	3500	4060	PSI
	Max PSI at E=0.70	93.6	187.9	283.6	378.4	475	571	669	767	966	1167	1371	1577	1787	2000	2216	2435	2882	3343	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	111.4	223.5	337.0	449.4	563	678	793	909	1143	1379	1618	1860	2105	2353	2604	2857	3373	3902	PSI
	Max PSI at E=0.85	94.7	189.9	286.5	382.0	479	576	674	773	971	1172	1376	1581	1789	2000	2213	2429	2867	3317	PSI
	Max PSI at E=0.70	78.0	156.4	235.9	314.6	394	475	555	636	800	966	1133	1302	1474	1647	1822	2000	2361	2732	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	95.5	191.4	288.5	384.6	482	580	678	777	976	1176	1379	1584	1791	2000	2211	2424	2857	3299	PSI
	Max PSI at E=0.85	81.1	162.7	245.3	326.9	410	493	576	660	829	1000	1172	1347	1522	1700	1879	2061	2429	2804	PSI
	Max PSI at E=0.70	66.8	134.0	202.0	269.2	337	406	475	544	683	824	966	1109	1254	1400	1548	1697	2000	2309	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	83.5	167.4	252.2	336.1	421	506	592	678	851	1026	1202	1379	1558	1739	1921	2105	2478	2857	PSI
	Max PSI at E=0.85	71.0	142.3	214.4	285.7	358	430	503	576	723	872	1021	1172	1325	1478	1633	1789	2106	2429	PSI
	Max PSI at E=0.70	58.5	117.2	176.6	235.3	295	354	414	475	596	718	841	966	1091	1217	1345	1474	1735	2000	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	74.2	148.7	224.1	298.5	374	449	525	602	755	909	1065	1221	1379	1538	1699	1860	2188	2520	PSI
	Max PSI at E=0.85	63.1	126.4	190.5	253.7	318	382	447	511	642	773	905	1038	1172	1308	1444	1581	1859	2142	PSI
	Max PSI at E=0.70	51.9	104.1	156.8	209.0	262	315	368	421	528	636	745	855	966	1077	1189	1302	1531	1764	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	66.8	133.8	201.5	268.5	336.1	404.0	472.2	540.5	678.0	816.3	955.6	1095.9	1237.1	1379.3	1522.5	1666.7	1958.0	2253.5	PSI	
	Max PSI at E=0.85	56.8	113.7	171.3	228.2	285.7	343.4	401.3	459.5	576.3	693.9	812.3	931.5	1051.5	1172.4	1294.1	1416.7	1664.3	1915.5	PSI	
	Max PSI at E=0.70	46.7	93.6	141.1	187.9	235.3	282.8	330.5	378.4	474.6	571.4	668.9	767.1	866.0	965.5	1065.7	1166.7	1370.6	1577.5	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	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	2138.4	Lbs cs
66"	Max PSI at E=1.00	60.7	121.6	183.1	243.9	305.3	367.0	428.8	490.8	615.4	740.7	866.9	993.8	1121.5	1250.0	1379.3	1509.4	1772.2	2038.2	PSI	
	Max PSI at E=0.85	51.6	103.3	155.7	207.3	259.5	311.9	364.5	417.2	523.1	629.6	736.8	844.7	953.3	1062.5	1172.4	1283.0	1506.3	1732.5	PSI	
	Max PSI at E=0.70	42.5	85.1	128.2	170.7	213.7	256.9	300.2	343.6	430.8	518.5	606.8	695.7	785.0	875.0	965.5	1056.6	1240.5	1426.8	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	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	2587.4	Lbs cs
72"	Max PSI at E=1.00	55.6	111.4	167.8	223.5	279.7	336.1	392.7	449.4	563.4	678.0	793.2	909.1	1025.6	1142.9	1260.7	1379.3	1618.5	1860.5	PSI	
	Max PSI at E=0.85	47.3	94.7	142.6	189.9	237.8	285.7	333.8	382.0	478.9	576.3	674.2	772.7	871.8	971.4	1071.6	1172.4	1375.7	1581.4	PSI	
	Max PSI at E=0.70	38.9	78.0	117.5	156.4	195.8	235.3	274.9	314.6	394.4	474.6	555.2	636.4	717.9	800.0	882.5	965.5	1132.9	1302.3	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	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	3079.3	Lbs cs
78"	Max PSI at E=1.00	51.3	102.8	154.9	206.2	258.1	310.1	362.2	414.5	519.5	625.0	731.1	837.7	944.9	1052.6	1160.9	1269.8	1489.4	1711.2	PSI	
	Max PSI at E=0.85	43.6	87.4	131.6	175.3	219.4	263.6	307.9	352.3	441.6	531.3	621.4	712.0	803.1	894.7	986.8	1079.4	1266.0	1454.5	PSI	
	Max PSI at E=0.70	35.9	72.0	108.4	144.3	180.6	217.1	253.6	290.2	363.6	437.5	511.7	586.4	661.4	736.8	812.7	888.9	1042.6	1197.9	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	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	3613.9	Lbs cs
84"	Max PSI at E=1.00	47.7	95.5	143.8	191.4	239.5	287.8	336.1	384.6	481.9	579.7	678.0	776.7	875.9	975.6	1075.8	1176.5	1379.3	1584.2	PSI	
	Max PSI at E=0.85	40.5	81.1	122.2	162.7	203.6	244.6	285.7	326.9	409.6	492.8	576.3	660.2	744.5	829.3	914.4	1000.0	1172.4	1346.5	PSI	
	Max PSI at E=0.70	33.4	66.8	100.6	134.0	167.7	201.4	235.3	269.2	337.3	405.8	474.6	543.7	613.1	682.9	753.1	823.5	965.5	1108.9	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	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	4191.2	Lbs cs
90"	Max PSI at E=1.00	44.5	89.1	134.1	178.6	223.5	268.5	313.5	358.7	449.4	540.5	632.1	724.0	816.3	909.1	1002.3	1095.9	1284.4	1474.7	PSI	
	Max PSI at E=0.85	37.8	75.7	114.0	151.8	189.9	228.2	266.5	304.9	382.0	459.5	537.2	615.4	693.9	772.7	851.9	931.5	1091.7	1253.5	PSI	
	Max PSI at E=0.70	31.1	62.4	93.9	125.0	156.4	187.9	219.5	251.1	314.6	378.4	442.4	506.8	571.4	636.4	701.6	767.1	899.1	1032.3	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	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	4811.3	Lbs cs
96"	Max PSI at E=1.00	41.7	83.5	125.7	167.4	209.4	251.6	293.8	336.1	421.1	506.3	592.0	678.0	764.3	851.1	938.2	1025.6	1201.7	1379.3	PSI	
	Max PSI at E=0.85	35.5	71.0	106.9	142.3	178.0	213.8	249.7	285.7	357.9	430.4	503.2	576.3	649.7	723.4	797.4	871.8	1021.5	1172.4	PSI	
	Max PSI at E=0.70	29.2	58.5	88.0	117.2	146.6	176.1	205.7	235.3	294.7	354.4	414.4	474.6	535.0	595.7	656.7	717.9	841.2	965.5	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	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	5474.2	Lbs cs
102"	Max PSI at E=1.00	39.3	78.6	118.3	157.5	197.0	236.7	276.4	316.2	396.0	476.2	556.7	637.5	718.6	800.0	881.8	963.9	1129.0	1295.5	PSI	
	Max PSI at E=0.85	33.4	66.8	100.6	133.9	167.5	201.2	234.9	268.8	336.6	404.8	473.2	541.8	610.8	680.0	749.5	819.3	959.7	1101.2	PSI	
	Max PSI at E=0.70	27.5	55.0	82.8	110.2	137.9	165.7	193.5	221.3	277.2	333.3	389.7	446.2	503.0	560.0	617.2	674.7	790.3	906.9	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	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	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	37.1	74.2	111.7	148.7	186.0	223.5	261.0	298.5	373.8	449.4	525.3	601.5	678.0	754.7	831.8	909.1	1064.6	1221.4	PSI
	Max PSI at E=0.85	31.5	63.1	95.0	126.4	158.1	189.9	221.8	253.7	317.8	382.0	446.5	511.3	576.3	641.5	707.0	772.7	904.9	1038.2	PSI
	Max PSI at E=0.70	25.9	51.9	78.2	104.1	130.2	156.4	182.7	209.0	261.7	314.6	367.7	421.1	474.6	528.3	582.2	636.4	745.2	855.0	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	35.1	70.3	105.8	140.8	176.2	211.6	247.1	282.7	354.0	425.5	497.3	569.4	641.7	714.3	787.1	860.2	1007.2	1155.2	PSI
	Max PSI at E=0.85	29.9	59.8	89.9	119.7	149.8	179.9	210.1	240.3	300.9	361.7	422.7	484.0	545.5	607.1	669.1	731.2	856.1	981.9	PSI
	Max PSI at E=0.70	24.6	49.2	74.1	98.6	123.3	148.1	173.0	197.9	247.8	297.9	348.1	398.6	449.2	500.0	551.0	602.2	705.0	808.7	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	33.4	66.8	100.5	133.8	167.4	201.0	234.7	268.5	336.1	404.0	472.2	540.5	609.1	678.0	747.0	816.3	955.6	1095.9	PSI
	Max PSI at E=0.85	28.4	56.8	85.4	113.7	142.3	170.9	199.5	228.2	285.7	343.4	401.3	459.5	517.8	576.3	635.0	693.9	812.3	931.5	PSI
	Max PSI at E=0.70	23.4	46.7	70.4	93.6	117.2	140.7	164.3	187.9	235.3	282.8	330.5	378.4	426.4	474.6	522.9	571.4	668.9	767.1	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	31.8	63.6	95.7	127.4	159.4	191.4	223.5	255.6	320.0	384.6	449.4	514.5	579.7	645.2	710.8	776.7	909.1	1042.3	PSI
	Max PSI at E=0.85	27.0	54.1	81.4	108.3	135.5	162.7	189.9	217.3	272.0	326.9	382.0	437.3	492.8	548.4	604.2	660.2	772.7	886.0	PSI
	Max PSI at E=0.70	22.2	44.5	67.0	89.2	111.6	134.0	156.4	178.9	224.0	269.2	314.6	360.1	405.8	451.6	497.6	543.7	636.4	729.6	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	30.3	60.7	91.4	121.6	152.1	182.6	213.3	243.9	305.3	367.0	428.8	490.8	553.0	615.4	678.0	740.7	866.9	993.8	PSI
	Max PSI at E=0.85	25.8	51.6	77.7	103.3	129.3	155.3	181.3	207.3	259.5	311.9	364.5	417.2	470.0	523.1	576.3	629.6	736.8	844.7	PSI
	Max PSI at E=0.70	21.2	42.5	64.0	85.1	106.5	127.9	149.3	170.7	213.7	256.9	300.2	343.6	387.1	430.8	474.6	518.5	606.8	695.7	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	29.0	58.1	87.4	116.3	145.5	174.7	203.9	233.2	292.0	350.9	410.0	469.2	528.6	588.2	648.0	708.0	828.4	949.6	PSI
	Max PSI at E=0.85	24.7	49.3	74.3	98.8	123.6	148.5	173.3	198.3	248.2	298.2	348.5	398.8	449.3	500.0	550.8	601.8	704.1	807.1	PSI
	Max PSI at E=0.70	20.3	40.6	61.2	81.4	101.8	122.3	142.8	163.3	204.4	245.6	287.0	328.4	370.0	411.8	453.6	495.6	579.9	664.7	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	27.8	55.6	83.7	111.4	139.4	167.4	195.4	223.5	279.7	336.1	392.7	449.4	506.3	563.4	620.6	678.0	793.2	909.1	PSI
	Max PSI at E=0.85	23.6	47.3	71.2	94.7	118.5	142.3	166.1	189.9	237.8	285.7	333.8	382.0	430.4	478.9	527.5	576.3	674.2	772.7	PSI
	Max PSI at E=0.70	19.5	38.9	58.6	78.0	97.6	117.2	136.8	156.4	195.8	235.3	274.9	314.6	354.4	394.4	434.4	474.6	555.2	636.4	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	26.7	53.4	80.4	107.0	133.8	160.6	187.5	214.5	268.5	322.6	376.9	431.3	485.8	540.5	595.4	650.4	760.9	871.9	PSI
	Max PSI at E=0.85	22.7	45.4	68.3	90.9	113.7	136.5	159.4	182.3	228.2	274.2	320.3	366.6	413.0	459.5	506.1	552.8	646.7	741.1	PSI
	Max PSI at E=0.70	18.7	37.4	56.3	74.9	93.6	112.4	131.3	150.1	187.9	225.8	263.8	301.9	340.1	378.4	416.8	455.3	532.6	610.4	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 = 16000		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	25.7	51.3	77.3	102.8	128.6	154.4	180.3	206.2	258.1	310.1	362.2	414.5	466.9	519.5	572.2	625.0	731.1	837.7	PSI
	Max PSI at E=0.85	21.8	43.6	65.7	87.4	109.3	131.3	153.3	175.3	219.4	263.6	307.9	352.3	396.9	441.6	486.3	531.3	621.4	712.0	PSI
	Max PSI at E=0.70	18.0	35.9	54.1	72.0	90.0	108.1	126.2	144.3	180.6	217.1	253.6	290.2	326.8	363.6	400.5	437.5	511.7	586.4	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	24.7	49.4	74.4	99.0	123.8	148.7	173.6	198.5	248.4	298.5	348.7	399.0	449.4	500.0	550.7	601.5	703.5	806.0	PSI
	Max PSI at E=0.85	21.0	42.0	63.2	84.2	105.3	126.4	147.6	168.7	211.2	253.7	296.4	339.2	382.0	425.0	468.1	511.3	598.0	685.1	PSI
	Max PSI at E=0.70	17.3	34.6	52.1	69.3	86.7	104.1	121.5	139.0	173.9	209.0	244.1	279.3	314.6	350.0	385.5	421.1	492.5	564.2	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	23.8	47.7	71.7	95.5	119.4	143.4	167.4	191.4	239.5	287.8	336.1	384.6	433.2	481.9	530.8	579.7	678.0	776.7	PSI
	Max PSI at E=0.85	20.3	40.5	61.0	81.1	101.5	121.9	142.3	162.7	203.6	244.6	285.7	326.9	368.2	409.6	451.1	492.8	576.3	660.2	PSI
	Max PSI at E=0.70	16.7	33.4	50.2	66.8	83.6	100.4	117.2	134.0	167.7	201.4	235.3	269.2	303.2	337.3	371.5	405.8	474.6	543.7	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	23.0	46.0	69.3	92.2	115.3	138.4	161.6	184.8	231.2	277.8	324.4	371.2	418.1	465.1	512.2	559.4	654.2	749.4	PSI
	Max PSI at E=0.85	19.6	39.1	58.9	78.3	98.0	117.6	137.3	157.0	196.5	236.1	275.8	315.5	355.4	395.3	435.4	475.5	556.1	637.0	PSI
	Max PSI at E=0.70	16.1	32.2	48.5	64.5	80.7	96.9	113.1	129.3	161.8	194.4	227.1	259.9	292.7	325.6	358.6	391.6	457.9	524.6	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	22.2	44.5	67.0	89.1	111.4	133.8	156.2	178.6	223.5	268.5	313.5	358.7	404.0	449.4	494.9	540.5	632.1	724.0	PSI
	Max PSI at E=0.85	18.9	37.8	56.9	75.7	94.7	113.7	132.7	151.8	189.9	228.2	266.5	304.9	343.4	382.0	420.7	459.5	537.2	615.4	PSI
	Max PSI at E=0.70	15.6	31.1	46.9	62.4	78.0	93.6	109.3	125.0	156.4	187.9	219.5	251.1	282.8	314.6	346.5	378.4	442.4	506.8	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	21.5	43.1	64.8	86.2	107.8	129.4	151.1	172.8	216.2	259.7	303.4	347.1	390.9	434.8	478.8	522.9	611.4	700.2	PSI
	Max PSI at E=0.85	18.3	36.6	55.1	73.3	91.6	110.0	128.4	146.9	183.8	220.8	257.9	295.0	332.2	369.6	407.0	444.4	519.7	595.2	PSI
	Max PSI at E=0.70	15.1	30.1	45.4	60.3	75.5	90.6	105.8	121.0	151.4	181.8	212.4	243.0	273.6	304.3	335.1	366.0	427.9	490.2	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	20.8	41.7	62.8	83.5	104.4	125.4	146.4	167.4	209.4	251.6	293.8	336.1	378.5	421.1	463.6	506.3	592.0	678.0	PSI
	Max PSI at E=0.85	17.7	35.5	53.4	71.0	88.8	106.6	124.4	142.3	178.0	213.8	249.7	285.7	321.8	357.9	394.1	430.4	503.2	576.3	PSI
	Max PSI at E=0.70	14.6	29.2	43.9	58.5	73.1	87.8	102.5	117.2	146.6	176.1	205.7	235.3	265.0	294.7	324.6	354.4	414.4	474.6	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	20.2	40.4	60.9	81.0	101.3	121.6	141.9	162.3	203.0	243.9	284.8	325.9	367.0	408.2	449.4	490.8	573.8	657.1	PSI
	Max PSI at E=0.85	17.2	34.4	51.7	68.8	86.1	103.3	120.6	137.9	172.6	207.3	242.1	277.0	311.9	346.9	382.0	417.2	487.7	558.5	PSI
	Max PSI at E=0.70	14.1	28.3	42.6	56.7	70.9	85.1	99.3	113.6	142.1	170.7	199.4	228.1	256.9	285.7	314.6	343.6	401.6	460.0	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

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