

S = 18000		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	378.2	762.7	1157.0	1551.7	1957	2368	2788	3214	4091	5000	5943	6923	7941	9000	10102	11250	13696	16364	PSI
	Max PSI at E=0.85	321.4	648.3	983.5	1319.0	1663	2013	2369	2732	3477	4250	5052	5885	6750	7650	8587	9563	11641	13909	PSI
	Max PSI at E=0.70	264.7	533.9	809.9	1086.2	1370	1658	1951	2250	2864	3500	4160	4846	5559	6300	7071	7875	9587	11455	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	251.4	505.6	764.8	1022.7	1286	1552	1821	2093	2647	3214	3795	4390	5000	5625	6266	6923	8289	9730	PSI
	Max PSI at E=0.85	213.7	429.8	650.1	869.3	1093	1319	1548	1779	2250	2732	3226	3732	4250	4781	5326	5885	7046	8270	PSI
	Max PSI at E=0.70	176.0	353.9	535.3	715.9	900	1086	1275	1465	1853	2250	2657	3073	3500	3938	4386	4846	5803	6811	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	188.3	378.2	571.2	762.7	957	1154	1352	1552	1957	2368	2788	3214	3649	4091	4541	5000	5943	6923	PSI
	Max PSI at E=0.85	160.0	321.4	485.5	648.3	814	981	1149	1319	1663	2013	2369	2732	3101	3477	3860	4250	5052	5885	PSI
	Max PSI at E=0.70	131.8	264.7	399.8	533.9	670	808	946	1086	1370	1658	1951	2250	2554	2864	3179	3500	4160	4846	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	150.5	302.0	455.8	608.1	763	918	1075	1233	1552	1875	2203	2535	2872	3214	3561	3913	4632	5373	PSI
	Max PSI at E=0.85	127.9	256.7	387.4	516.9	648	781	914	1048	1319	1594	1872	2155	2441	2732	3027	3326	3938	4567	PSI
	Max PSI at E=0.70	105.4	211.4	319.0	425.7	534	643	753	863	1086	1313	1542	1775	2011	2250	2493	2739	3243	3761	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	125.3	251.4	379.2	505.6	634	763	892	1023	1286	1552	1821	2093	2368	2647	2929	3214	3795	4390	PSI
	Max PSI at E=0.85	106.5	213.7	322.3	429.8	539	648	758	869	1093	1319	1548	1779	2013	2250	2490	2732	3226	3732	PSI
	Max PSI at E=0.70	87.7	176.0	265.4	353.9	444	534	625	716	900	1086	1275	1465	1658	1853	2050	2250	2657	3073	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	107.4	215.3	324.6	432.7	542	652	763	874	1098	1324	1552	1782	2015	2250	2487	2727	3214	3711	PSI
	Max PSI at E=0.85	91.3	183.0	275.9	367.8	461	554	648	743	933	1125	1319	1515	1713	1913	2114	2318	2732	3155	PSI
	Max PSI at E=0.70	75.2	150.7	227.2	302.9	380	457	534	612	768	926	1086	1248	1410	1575	1741	1909	2250	2598	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	93.9	188.3	283.8	378.2	474	570	666	763	957	1154	1352	1552	1753	1957	2162	2368	2788	3214	PSI
	Max PSI at E=0.85	79.9	160.0	241.2	321.4	403	484	566	648	814	981	1149	1319	1490	1663	1837	2013	2369	2732	PSI
	Max PSI at E=0.70	65.8	131.8	198.6	264.7	332	399	466	534	670	808	946	1086	1227	1370	1513	1658	1951	2250	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	83.5	167.3	252.1	335.8	421	506	591	677	849	1023	1198	1374	1552	1731	1911	2093	2461	2835	PSI
	Max PSI at E=0.85	71.0	142.2	214.3	285.4	357	430	502	575	722	869	1018	1168	1319	1471	1625	1779	2092	2409	PSI
	Max PSI at E=0.70	58.4	117.1	176.4	235.1	294	354	414	474	594	716	838	962	1086	1212	1338	1465	1723	1984	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	75.1	150.5	226.7	302.0	378.2	454.5	531.2	608.1	762.7	918.4	1075.1	1232.9	1391.8	1551.7	1712.8	1875.0	2202.8	2535.2	PSI
	Max PSI at E=0.85	63.9	127.9	192.7	256.7	321.4	386.4	451.5	516.9	648.3	780.6	913.8	1047.9	1183.0	1319.0	1455.9	1593.8	1872.4	2154.9	PSI
	Max PSI at E=0.70	52.6	105.4	158.7	211.4	264.7	318.2	371.8	425.7	533.9	642.9	752.6	863.0	974.2	1086.2	1199.0	1312.5	1542.0	1774.6	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	68.3	136.8	206.0	274.4	343.5	412.8	482.4	552.1	692.3	833.3	975.2	1118.0	1261.7	1406.3	1551.7	1698.1	1993.7	2293.0	PSI
	Max PSI at E=0.85	58.0	116.3	175.1	233.2	292.0	350.9	410.0	469.3	588.5	708.3	828.9	950.3	1072.4	1195.3	1319.0	1443.4	1694.6	1949.0	PSI
	Max PSI at E=0.70	47.8	95.7	144.2	192.1	240.5	289.0	337.7	386.5	484.6	583.3	682.7	782.6	883.2	984.4	1086.2	1188.7	1395.6	1605.1	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	62.6	125.3	188.8	251.4	314.7	378.2	441.8	505.6	633.8	762.7	892.4	1022.7	1153.8	1285.7	1418.3	1551.7	1820.8	2093.0	PSI
	Max PSI at E=0.85	53.2	106.5	160.5	213.7	267.5	321.4	375.5	429.8	538.7	648.3	758.5	869.3	980.8	1092.9	1205.6	1319.0	1547.7	1779.1	PSI
	Max PSI at E=0.70	43.8	87.7	132.2	176.0	220.3	264.7	309.3	353.9	443.7	533.9	624.6	715.9	807.7	900.0	992.8	1086.2	1274.6	1465.1	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	57.8	115.7	174.2	232.0	290.3	348.8	407.5	466.3	584.4	703.1	822.5	942.4	1063.0	1184.2	1306.1	1428.6	1675.5	1925.1	PSI
	Max PSI at E=0.85	49.1	98.3	148.1	197.2	246.8	296.5	346.4	396.4	496.8	597.7	699.1	801.0	903.5	1006.6	1110.2	1214.3	1424.2	1636.4	PSI
	Max PSI at E=0.70	40.4	81.0	121.9	162.4	203.2	244.2	285.3	326.4	409.1	492.2	575.7	659.7	744.1	828.9	914.2	1000.0	1172.9	1347.6	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	53.6	107.4	161.7	215.3	269.5	323.7	378.2	432.7	542.2	652.2	762.7	873.8	985.4	1097.6	1210.3	1323.5	1551.7	1782.2	PSI
	Max PSI at E=0.85	45.6	91.3	137.5	183.0	229.0	275.2	321.4	367.8	460.8	554.3	648.3	742.7	837.6	932.9	1028.7	1125.0	1319.0	1514.9	PSI
	Max PSI at E=0.70	37.5	75.2	113.2	150.7	188.6	226.6	264.7	302.9	379.5	456.5	533.9	611.7	689.8	768.3	847.2	926.5	1086.2	1247.5	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	50.1	100.2	150.9	200.9	251.4	302.0	352.7	403.6	505.6	608.1	711.1	814.5	918.4	1022.7	1127.6	1232.9	1445.0	1659.0	PSI
	Max PSI at E=0.85	42.5	85.2	128.3	170.8	213.7	256.7	299.8	343.0	429.8	516.9	604.4	692.3	780.6	869.3	958.4	1047.9	1228.2	1410.1	PSI
	Max PSI at E=0.70	35.0	70.2	105.6	140.6	176.0	211.4	246.9	282.5	353.9	425.7	497.7	570.1	642.9	715.9	789.3	863.0	1011.5	1161.3	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	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	46.9	93.9	141.4	188.3	235.6	283.0	330.5	378.2	473.7	569.6	666.0	762.7	859.9	957.4	1055.4	1153.8	1351.9	1551.7	PSI
	Max PSI at E=0.85	39.9	79.9	120.2	160.0	200.3	240.6	281.0	321.4	402.6	484.2	566.1	648.3	730.9	813.8	897.1	980.8	1149.1	1319.0	PSI
	Max PSI at E=0.70	32.8	65.8	99.0	131.8	164.9	198.1	231.4	264.7	331.6	398.7	466.2	533.9	601.9	670.2	738.8	807.7	946.4	1086.2	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	44.2	88.4	133.1	177.2	221.7	266.3	311.0	355.7	445.5	535.7	626.2	717.1	808.4	900.0	992.0	1084.3	1270.2	1457.5	PSI
	Max PSI at E=0.85	37.5	75.1	113.1	150.6	188.4	226.3	264.3	302.4	378.7	455.4	532.3	609.6	687.1	765.0	843.2	921.7	1079.6	1238.9	PSI
	Max PSI at E=0.70	30.9	61.9	93.2	124.0	155.2	186.4	217.7	249.0	311.9	375.0	438.4	502.0	565.9	630.0	694.4	759.0	889.1	1020.2	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	41.7	83.5	125.7	167.3	209.3	251.4	293.6	335.8	420.6	505.6	591.0	676.7	762.7	849.1	935.7	1022.7	1197.7	1374.0	PSI
	Max PSI at E=0.85	35.4	71.0	106.8	142.2	177.9	213.7	249.5	285.4	357.5	429.8	502.3	575.2	648.3	721.7	795.4	869.3	1018.1	1167.9	PSI
	Max PSI at E=0.70	29.2	58.4	88.0	117.1	146.5	176.0	205.5	235.1	294.4	353.9	413.7	473.7	533.9	594.3	655.0	715.9	838.4	961.8	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	39.5	79.1	119.1	158.5	198.2	238.1	278.0	318.0	398.2	478.7	559.5	640.6	721.9	803.6	885.5	967.7	1133.1	1299.6	PSI
	Max PSI at E=0.85	33.6	67.2	101.2	134.7	168.5	202.4	236.3	270.3	338.5	406.9	475.6	544.5	613.6	683.0	752.7	822.6	963.1	1104.7	PSI
	Max PSI at E=0.70	27.7	55.4	83.3	110.9	138.8	166.7	194.6	222.6	278.8	335.1	391.7	448.4	505.3	562.5	619.9	677.4	793.2	909.7	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	37.5	75.1	113.1	150.5	188.3	226.1	264.0	302.0	378.2	454.5	531.2	608.1	685.3	762.7	840.4	918.4	1075.1	1232.9	PSI
	Max PSI at E=0.85	31.9	63.9	96.1	127.9	160.0	192.2	224.4	256.7	321.4	386.4	451.5	516.9	582.5	648.3	714.3	780.6	913.8	1047.9	PSI
	Max PSI at E=0.70	26.3	52.6	79.2	105.4	131.8	158.3	184.8	211.4	264.7	318.2	371.8	425.7	479.7	533.9	588.3	642.9	752.6	863.0	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	35.7	71.5	107.7	143.3	179.3	215.3	251.4	287.5	360.0	432.7	505.6	578.8	652.2	725.8	799.7	873.8	1022.7	1172.6	PSI
	Max PSI at E=0.85	30.4	60.8	91.5	121.8	152.4	183.0	213.7	244.4	306.0	367.8	429.8	492.0	554.3	616.9	679.7	742.7	869.3	996.7	PSI
	Max PSI at E=0.70	25.0	50.1	75.4	100.3	125.5	150.7	176.0	201.3	252.0	302.9	353.9	405.1	456.5	508.1	559.8	611.7	715.9	820.8	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	34.1	68.3	102.8	136.8	171.1	205.5	239.9	274.4	343.5	412.8	482.4	552.1	622.1	692.3	762.7	833.3	975.2	1118.0	PSI
	Max PSI at E=0.85	29.0	58.0	87.4	116.3	145.4	174.7	203.9	233.2	292.0	350.9	410.0	469.3	528.8	588.5	648.3	708.3	828.9	950.3	PSI
	Max PSI at E=0.70	23.9	47.8	71.9	95.7	119.8	143.8	167.9	192.1	240.5	289.0	337.7	386.5	435.5	484.6	533.9	583.3	682.7	782.6	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	32.6	65.3	98.3	130.8	163.6	196.5	229.4	262.4	328.5	394.7	461.2	527.9	594.7	661.8	729.0	796.5	932.0	1068.2	PSI
	Max PSI at E=0.85	27.7	55.5	83.6	111.2	139.1	167.0	195.0	223.0	279.2	335.5	392.0	448.7	505.5	562.5	619.7	677.0	792.2	908.0	PSI
	Max PSI at E=0.70	22.8	45.7	68.8	91.6	114.5	137.6	160.6	183.7	229.9	276.3	322.8	369.5	416.3	463.2	510.3	557.5	652.4	747.8	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	31.3	62.6	94.2	125.3	156.8	188.3	219.8	251.4	314.7	378.2	441.8	505.6	569.6	633.8	698.2	762.7	892.4	1022.7	PSI
	Max PSI at E=0.85	26.6	53.2	80.1	106.5	133.3	160.0	186.8	213.7	267.5	321.4	375.5	429.8	484.2	538.7	593.4	648.3	758.5	869.3	PSI
	Max PSI at E=0.70	21.9	43.8	65.9	87.7	109.8	131.8	153.9	176.0	220.3	264.7	309.3	353.9	398.7	443.7	488.7	533.9	624.6	715.9	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	30.0	60.1	90.4	120.3	150.5	180.7	211.0	241.3	302.0	362.9	424.0	485.2	546.6	608.1	669.8	731.7	856.0	980.9	PSI
	Max PSI at E=0.85	25.5	51.1	76.9	102.3	127.9	153.6	179.3	205.1	256.7	308.5	360.4	412.4	464.6	516.9	569.4	622.0	727.6	833.8	PSI
	Max PSI at E=0.70	21.0	42.1	63.3	84.2	105.4	126.5	147.7	168.9	211.4	254.0	296.8	339.6	382.6	425.7	468.9	512.2	599.2	686.6	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 = 18000		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	28.9	57.8	86.9	115.7	144.7	173.7	202.8	232.0	290.3	348.8	407.5	466.3	525.3	584.4	643.7	703.1	822.5	942.4	PSI
	Max PSI at E=0.85	24.5	49.1	73.9	98.3	123.0	147.7	172.4	197.2	246.8	296.5	346.4	396.4	446.5	496.8	547.1	597.7	699.1	801.0	PSI
	Max PSI at E=0.70	20.2	40.4	60.9	81.0	101.3	121.6	142.0	162.4	203.2	244.2	285.3	326.4	367.7	409.1	450.6	492.2	575.7	659.7	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	27.8	55.6	83.7	111.4	139.3	167.3	195.3	223.3	279.5	335.8	392.3	448.9	505.6	562.5	619.5	676.7	791.5	906.8	PSI
	Max PSI at E=0.85	23.6	47.3	71.2	94.7	118.4	142.2	166.0	189.8	237.6	285.4	333.4	381.5	429.8	478.1	526.6	575.2	672.7	770.8	PSI
	Max PSI at E=0.70	19.5	38.9	58.6	78.0	97.5	117.1	136.7	156.3	195.7	235.1	274.6	314.2	353.9	393.8	433.7	473.7	554.0	634.8	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	26.8	53.6	80.7	107.4	134.3	161.3	188.3	215.3	269.5	323.7	378.2	432.7	487.4	542.2	597.1	652.2	762.7	873.8	PSI
	Max PSI at E=0.85	22.8	45.6	68.6	91.3	114.2	137.1	160.0	183.0	229.0	275.2	321.4	367.8	414.3	460.8	507.5	554.3	648.3	742.7	PSI
	Max PSI at E=0.70	18.8	37.5	56.5	75.2	94.0	112.9	131.8	150.7	188.6	226.6	264.7	302.9	341.2	379.5	418.0	456.5	533.9	611.7	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	25.9	51.8	77.9	103.7	129.7	155.7	181.8	207.9	260.1	312.5	365.0	417.6	470.4	523.3	576.3	629.4	736.0	843.1	PSI
	Max PSI at E=0.85	22.0	44.0	66.2	88.1	110.2	132.4	154.5	176.7	221.1	265.6	310.3	355.0	399.8	444.8	489.8	535.0	625.6	716.6	PSI
	Max PSI at E=0.70	18.1	36.2	54.5	72.6	90.8	109.0	127.2	145.5	182.1	218.8	255.5	292.3	329.3	366.3	403.4	440.6	515.2	590.2	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	25.0	50.1	75.3	100.2	125.3	150.5	175.7	200.9	251.4	302.0	352.7	403.6	454.5	505.6	556.8	608.1	711.1	814.5	PSI
	Max PSI at E=0.85	21.3	42.5	64.0	85.2	106.5	127.9	149.3	170.8	213.7	256.7	299.8	343.0	386.4	429.8	473.3	516.9	604.4	692.3	PSI
	Max PSI at E=0.70	17.5	35.0	52.7	70.2	87.7	105.4	123.0	140.6	176.0	211.4	246.9	282.5	318.2	353.9	389.8	425.7	497.7	570.1	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	24.2	48.4	72.9	97.0	121.3	145.6	170.0	194.4	243.2	292.2	341.3	390.5	439.7	489.1	538.6	588.2	687.8	787.7	PSI
	Max PSI at E=0.85	20.6	41.2	62.0	82.4	103.1	123.8	144.5	165.2	206.8	248.4	290.1	331.9	373.8	415.8	457.8	500.0	584.6	669.6	PSI
	Max PSI at E=0.70	16.9	33.9	51.0	67.9	84.9	101.9	119.0	136.1	170.3	204.5	238.9	273.3	307.8	342.4	377.0	411.8	481.4	551.4	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	23.4	46.9	70.6	93.9	117.5	141.1	164.7	188.3	235.6	283.0	330.5	378.2	425.9	473.7	521.6	569.6	666.0	762.7	PSI
	Max PSI at E=0.85	19.9	39.9	60.0	79.9	99.9	119.9	140.0	160.0	200.3	240.6	281.0	321.4	362.0	402.6	443.4	484.2	566.1	648.3	PSI
	Max PSI at E=0.70	16.4	32.8	49.4	65.8	82.2	98.7	115.3	131.8	164.9	198.1	231.4	264.7	298.1	331.6	365.1	398.7	466.2	533.9	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	22.7	45.5	68.5	91.1	113.9	136.8	159.7	182.6	228.4	274.4	320.4	366.6	412.8	459.2	505.6	552.1	645.5	739.2	PSI
	Max PSI at E=0.85	19.3	38.7	58.2	77.4	96.8	116.3	135.7	155.2	194.2	233.2	272.4	311.6	350.9	390.3	429.8	469.3	548.7	628.3	PSI
	Max PSI at E=0.70	15.9	31.9	47.9	63.8	79.7	95.7	111.8	127.8	159.9	192.1	224.3	256.6	289.0	321.4	353.9	386.5	451.8	517.5	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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