

Weight Charts (For guidance only)

Rounds Imperial									
Dia inches	kg/m	Dia inches	kg/m	Dia inches	kg/m	Dia inches	kg/m	Dia inches	kg/m
1/8	0.630	1 1/8	5.040	2 1/4	20.140	4 1/2	80.550	8 1/2	287.339
3/16	0.140	1 3/16	5.610	2 3/8	22.440	4 3/4	89.747	8 3/4	304.469
1/4	0.249	1 1/4	6.220	2 1/2	24.800	5	99.440	9	322.195
5/16	0.389	1 5/16	6.846	2 5/8	27.400	5 1/4	109.600	9 1/4	340.368
3/8	0.560	1 3/8	7.520	2 3/4	30.080	5 1/2	120.300	9 1/2	358.988
7/16	0.761	1 7/16	8.220	2 7/8	32.880	5 3/4	131.515	9 3/4	378.203
1/2	0.944	1 1/2	8.950	3	35.800	6	143.200	10	397.717
9/16	1.260	1 9/16	9.704	3 1/8	38.814	6 1/4	155.363	10 1/2	438.024
5/8	1.550	1 5/8	10.150	3 1/4	42.010	6 1/2	168.024	11	481.282
11/16	1.870	1 11/16	11.311	3 3/8	42.270	6 3/4	181.281	11 1/2	525.297
3/4	2.240	1 3/4	12.180	3 1/2	48.730	7	194.986	12	572.742
13/16	2.620	1 13/16	13.052	3 5/8	52.269	7 1/4	209.137	13	671.437
7/8	3.050	1 7/8	13.490	3 3/4	55.940	7 1/2	223.734	14	778.708
15/16	3.498	1 15/16	14.927	3 7/8	59.732	7 3/4	238.779	15	839.925
1	3.980	2	15.910	4	63.690	8	254.569	16	1017.088
1 1/16	4.490	2 1/8	17.960	4 1/4	71.850	8 1/4	270.656	18	1287.252

Rounds Metric									
Dia mm	kg/m	Dia mm	kg/m	Dia mm	kg/m	Dia mm	kg/m	Dia mm	kg/m
3	0.560	29	5.181	68	28.486	170	178.200	378	881.060
3.5	0.760	30	5.550	70	30.210	180	199.800	381	895.100
4	0.970	31	5.919	72	31.934	190	222.600	387.4	925.420
4.5	0.109	32	6.310	73	32.860	195	234.400	393.7	955.770
5	0.150	33	6.710	74	33.732	200	246.600	395	962.090
5.5	0.187	34	7.127	75	34.680	205	259.100	406.4	1018.420
6	0.222	35	7.550	76	35.583	210	271.900	407	1021.430
6.5	0.260	36	7.990	78	37.479	215	285.000	412.8	1050.750
7	0.302	37	8.433	80	39.460	220	298.400	429	1134.840
7.5	0.348	38	8.900	82	41.423	230	326.200	431.8	1149.700
8	0.395	39	9.371	83	42.500	235	340.500	444	1215.590
9	0.499	40	9.860	85	44.550	240	355.100	444.5	1218.330
10	0.617	41	10.355	88	47.706	250	385.200	457.2	1288.940
11	0.746	42	10.880	90	49.940	255	400.900	460	1304.780
12	0.888	43	11.400	92	52.142	260	416.800	463.8	1325.280
13	1.042	44	11.927	95	55.640	270	449.500	470	1362.120
14	1.210	45	12.480	98	59.163	280	483.400	479	1414.790
15	1.390	46	13.050	100	61.650	290	518.500	482.6	1436.140
16	1.578	48	14.210	105	67.970	300	554.900	500	1541.560
17	1.780	50	15.410	110	74.600	305	573.000	508	1591.290
18	1.998	52	16.658	115	81.540	310	592.300	514.4	1631.640
19	2.230	54	17.980	120	88.780	320	631.300	520	1667.350
20	2.470	55	18.650	125	96.330	330	672.000	533.4	1754.390
21	2.717	56	19.319	130	104.200	336.6	698.630	539	1791.430
22	2.980	57	20.030	135	112.400	344	729.690	555	1899.360
23	3.260	60	22.200	140	120.800	350	755.370	560	1933.730
24	3.550	62	23.679	145	129.600	355.6	779.730	570	2003.410
25	3.850	64	25.240	150	138.700	358	790.290	581	2081.490
26	4.170	65	26.050	155	148.100	360	799.150	584.2	2104.480
27	4.500	66	26.836	160	157.300	362	808.050	660	2686.020
28	4.830	67	27.680	165	167.900	368.3	836.420	670	2768.020

Weight Charts (For guidance only)

Squares Imperial			
Inches	kg/m	Inches	kg/m
1/8	0.790	2 1/2	31.620
3/16	0.178	2 3/4	38.260
1/4	0.316	3	45.540
5/16	0.494	3 1/4	53.435
3/8	0.712	3 1/2	61.980
7/16	0.968	3 3/4	71.142
1/2	1.270	4	80.960
5/8	1.980	4 1/4	91.380
3/4	2.850	4 1/2	102.446
7/8	3.870	4 3/4	114.143
1	5.060	5	126.470
1 1/8	6.398	5 1/4	139.440
1 1/4	7.910	5 1/2	153.036
1 3/8	9.571	5 3/4	167.262
1 1/2	11.400	6	182.125
1 5/8	13.360	6 1/4	197.618
1 3/4	15.490	6 1/2	213.743
2	20.260	6 3/4	230.501
2 1/4	25.630	7	247.891

Hexagons Imperial			
Inches	kg/m	Inches	kg/m
0.248	0.274	1.300	7.419
0.282	0.347	1.312	7.550
0.312	0.429	1.375	8.285
0.324	0.462	1.390	8.465
0.338	0.500	1.437	9.034
0.375	0.610	1.480	9.580
0.413	0.745	1.500	9.860
0.437	0.834	1.625	11.572
0.445	0.880	1.670	12.220
0.500	1.102	1.687	12.479
0.525	1.205	1.750	13.420
0.562	1.380	1.812	14.396
0.600	1.580	1.860	15.170
0.625	1.710	1.875	15.418
0.687	2.072	2.000	17.532
0.710	2.206	2.050	18.380
0.750	2.473	2.062	18.618
0.812	2.894	2.125	19.794
0.820	2.950	2.220	21.490
0.875	3.349	2.250	22.190
0.920	3.700	2.375	24.735
0.937	3.840	2.410	25.434
1.100	4.376	2.437	26.044
1.101	4.479	2.500	27.399
1.106	4.941	2.580	29.021
1.110	5.310	2.625	30.212
1.112	5.552	2.760	33.300
1.120	6.320	3.150	43.500
1.250	6.846	3.550	55.090

Angles			
Inches	kg/m	Inches	kg/m
20 x 20 x 3	0.880	32 x 32 x 6	2.756
25 x 25 x 3	1.120	40 X 40 X 4	2.420
25 x 25 x 5	1.780	40 X 40 X 5	2.970
32 x 32 x 4	2.126	40 X 40 X 6	3.520
32 x 32 x 5	2.441	50 X 50 X 6	4.470

Squares Metric			
m m	kg/m	m m	kg/m
3	0.710	30	7.065
4	0.125	32	8.038
5	0.197	35	9.616
6	0.282	36	10.162
7	0.384	38	11.340
8	0.502	40	12.560
9	0.637	41	13.183
10	0.785	42	13.833
11	0.949	45	15.900
12	1.130	46	16.592
13	1.326	48	18.069
14	1.536	50	19.630
15	1.766	55	23.750
16	2.010	60	28.260
18	2.540	65	33.170
19	2.832	70	38.370
20	3.140	75	44.110
22	3.799	80	50.187
24	4.518	85	56.657
25	4.906	90	63.517
28	6.154	100	78.550

Hexagons Metric			
m m	kg/m	m m	kg/m
5	0.171	29	5.719
5.5	0.207	30	6.120
6	0.246	31	6.536
6.5	0.289	32	6.960
7	0.335	33	7.403
8	0.437	35	8.328
9	0.552	36	8.810
9.5	0.614	37	9.309
10	0.680	38	9.817
10.5	0.748	40	10.880
11	0.824	41	11.400
11.5	0.899	42	11.996
12	0.979	45	13.771
13	1.150	46	14.400
14	1.330	48	15.667
15	1.530	50	17.000
16	1.740	52	18.387
17	1.960	55	20.600
18	2.200	58	22.879
19	2.450	60	24.500
20	2.719	62	26.140
21	2.998	65	27.700
22	3.290	68	31.446
23	3.596	70	33.300
24	3.616	72	35.251
25	4.249	75	38.200
26	4.596	78	41.371
27	4.960	80	43.500
28	5.300	85	49.130

Weight Charts (For guidance only)

Flats Imperial																
Inches	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1.1/4	1.1/2	1.3/4	2	3
Width	kg/m															
1/2	0.316	0.474	0.633	0.790	0.950	1.106	1.267	1.582	1.879	2.215	2.530	3.163	3.797	4.426	5.060	7.590
5/8	0.395	0.593	0.790	0.988	1.190	1.385	1.582	1.976	2.373	2.766	3.163	3.940	4.745	5.535	6.330	9.500
3/4	0.474	0.712	0.947	1.180	1.420	1.900	1.900	2.370	2.845	3.321	3.797	4.750	5.693	6.641	7.622	11.340
7/8	0.555	0.816	1.110	1.385	1.661	2.210	2.210	2.770	3.330	3.875	4.426	5.540	6.641	7.747	8.860	13.282
1	0.633	0.949	1.270	1.580	1.910	2.253	2.253	3.160	3.800	4.430	5.060	6.326	7.589	8.856	10.130	15.180
1 1/4	0.791	1.190	1.580	1.980	2.370	2.766	3.160	3.940	4.750	5.540	6.330	7.908	9.489	11.070	12.652	18.980
1 1/2	0.949	1.420	1.910	2.370	2.860	3.321	3.800	4.570	5.700	6.650	7.590	9.500	11.385	13.282	15.180	22.770
1 5/8	1.027	1.542	2.058	2.569	3.085	3.600	4.111	5.138	6.169	7.196	8.223	10.280	12.334	14.391	16.445	24.663
1 3/4	1.106	1.661	2.220	2.766	3.330	3.872	4.440	5.535	6.650	7.744	8.860	11.070	13.282	15.497	17.711	26.567
2	1.270	1.900	2.530	3.163	3.800	4.426	5.060	6.330	7.500	8.860	10.130	12.652	15.180	17.711	20.241	30.360
2 1/4	1.424	2.136	2.845	3.557	4.269	4.981	5.693	7.117	8.540	9.962	11.385	14.230	17.078	19.923	22.771	34.149
2 1/2	1.582	2.373	3.160	3.954	4.750	5.535	6.330	7.900	9.500	11.070	12.650	15.820	18.980	22.137	25.300	37.942
2 3/4	1.739	2.609	3.478	4.348	5.217	6.087	6.959	8.698	10.437	12.176	13.915	17.393	20.874	24.352	27.830	41.737
3	1.900	2.845	3.800	4.745	5.700	6.641	7.590	9.500	11.340	13.282	15.180	18.980	22.770	26.567	30.360	45.531
3 1/2	2.215	3.321	4.440	5.532	6.650	7.747	8.860	11.067	13.300	15.493	17.708	22.134	26.560	30.986	35.420	53.120
4	2.530	3.797	5.060	6.326	7.590	8.856	10.120	12.650	15.180	17.711	20.240	25.300	30.360	35.419	40.480	60.720
4 1/2	2.845	4.269	5.693	7.114	8.540	9.962	11.400	14.230	17.080	19.919	22.800	28.457	34.149	39.842	45.531	66.231
5	3.163	4.745	6.326	7.908	9.489	11.070	12.659	15.812	18.980	22.137	25.300	31.626	37.952	44.274	50.600	75.900
6	3.793	5.690	7.590	9.489	11.390	13.282	15.180	18.974	22.770	26.567	30.360	37.950	45.540	53.130	60.720	92.080
7	4.426	6.641	8.860	11.070	13.282	15.497	17.710	22.137	26.567	30.993	35.420	44.274	53.130	61.985	70.840	106.239
8	5.060	7.589	10.119	12.652	15.182	17.711	20.241	25.300	30.359	35.419	40.481	50.600	60.722	70.840	80.959	121.417
9	5.693	8.538	11.385	14.230	17.078	19.923	22.771	28.463	34.156	39.848	45.541	56.926	68.311	79.696	91.081	136.595
10	6.326	9.489	12.649	15.812	18.974	22.137	25.300	31.626	37.952	44.274	50.600	63.252	75.900	88.551	101.200	151.770
11	6.956	10.437	13.915	17.393	20.874	24.352	27.830	34.789	41.745	48.704	55.659	69.574	83.492	97.407	111.321	166.948
12	7.589	11.385	15.182	18.974	22.771	26.563	30.359	37.952	45.541	53.130	60.722	75.900	91.081	106.259	121.440	182.125

Flats Metric																
mm	3.0	4.0	5.0	6.0	8.0	10.0	12.0	14.0	16.0	20.0	22.0	25.0	30.0	35.0	40.0	50.0
width	kg/m															
10	0.236	0.315	0.392	0.470	0.627	0.790	0.942	1.100	1.260	1.570	1.730	1.960	2.360	2.750	3.140	3.930
12	0.283	0.377	0.360	0.565	0.754	0.942	1.130	1.319	1.510	1.880	2.071	2.360	2.930	3.374	3.770	4.720
14	0.329	0.440	0.548	0.660	0.880	1.100	1.319	1.537	1.707	2.195	2.415	2.747	3.295	3.842	4.390	5.490
15	0.360	0.520	0.590	0.706	0.942	1.178	1.411	1.707	1.756	2.350	2.588	2.940	3.530	4.210	4.710	5.890
16	0.377	0.550	0.628	0.754	1.005	1.260	1.510	1.756	2.010	2.510	2.760	3.317	3.764	4.390	5.020	6.274
18	0.424	0.565	0.706	0.847	1.129	1.411	1.693	1.796	2.258	2.822	3.104	3.531	4.236	4.942	5.647	7.058
20	0.471	0.627	0.785	0.942	1.260	1.510	1.880	2.195	2.510	3.140	3.452	3.920	4.710	5.490	6.280	7.850
25	0.589	0.785	0.981	1.180	1.570	1.960	2.360	2.747	3.140	3.930	4.315	4.910	5.890	6.861	7.850	9.810
30	0.754	0.942	1.260	1.413	1.884	2.360	2.830	3.295	3.768	4.720	5.175	5.888	7.070	8.236	9.420	11.780
35	0.850	1.210	1.370	1.650	2.250	2.750	3.300	3.842	4.396	5.500	6.037	6.861	7.685	9.620	10.979	13.725
40	0.942	1.380	1.570	1.884	2.510	3.140	3.770	4.390	5.024	6.280	6.900	7.850	9.420	10.000	12.600	15.710
45	1.060	1.000	1.770	2.160	2.830	3.530	4.240	4.942	5.650	7.070	7.763	8.830	10.600	12.350	14.100	17.640
50	1.180	1.411	1.960	2.560	3.140	3.930	4.710	5.490	6.280	7.850	8.626	9.810	11.800	13.750	15.700	19.600
55	1.293	1.569	2.160	2.600	3.450	4.320	5.180	6.037	6.900	8.640	9.489	10.790	12.950	15.096	17.252	21.566
60	1.418	1.726	2.360	2.830	3.768	4.710	5.652	6.589	7.536	9.420	10.352	11.800	14.130	16.490	18.840	23.525
65	1.530	1.984	2.550	3.060	4.080	5.100	6.120	7.137	8.160	10.200	11.215	12.800	15.300	17.850	20.400	25.500
70	1.650	2.195	2.750	3.060	4.400	5.500	6.594	7.685	8.792	11.000	12.078	13.740	16.490	19.230	21.980	27.480
75	1.770	2.360	2.970	3.530	4.710	5.890	7.070	8.236	9.410	11.810	12.941	14.710	17.700	20.585	23.600	29.400
80	1.884	2.510	3.140	3.770	5.020	6.280	7.540	8.784	10.000	12.600	13.800	15.700	18.800	21.957	25.100	31.400
85	1.999	2.668	3.334	4.000	5.332	6.667	7.999	9.332	10.664	13.331	14.663	16.665	19.998	23.328	26.662	33.329
90	2.120	2.830	3.533	4.420	5.650	7.070	8.480	9.879	11.300	14.100	15.526	17.700	21.200	24.696	28.300	35.330
95	2.235	2.980	3.724	4.469	5.959	7.452	8.938	10.431	11.920	14.899	16.389	18.623	22.351	26.075	29.798	37.250
100	2.360	3.140	3.930	4.710	6.280	7.850	9.420	10.979	12.547	15.700	17.252	19.600	23.600	27.480	31.400	39.300
110	2.590	3.452	4.320	5.180	6.910	8.650	10.360	12.078	13.800	17.300	18.978	21.600	25.910	30.192	34.540	43.180
125	2.940	3.921	4.902	5.890	7.842	9.810	11.800	13.725	15.700	19.600	21.566	24.500	29.400	34.307	39.300	49.100
140	3.295	4.390	5.490	6.590	8.790	10.990	13.190	15.369	17.567	21.980	24.152	27.480	32.935	38.424	43.913	54.892
150	3.540	4.710	5.880	7.100	9.420	11.800	14.200	16.455	18.792	23.600	25.871	29.400	35.330	41.161	47.100	58.900
160	3.764	5.020	6.274	7.540	10.037	12.600	15.080	17.567	20.074	25.100	27.603	31.400	37.700	43.913	50.187	62.733
200	4.705	6.300	7.842	9.420	12.600	15.700	18.840	21.957	25.093	31.400	34.503	39.300	47.100	54.892	62.800	78.500