

Sample Gear Charts for Cycling

(these charts are to be used as a guide only)

Wheel Diameter 0.700

Chain Ring/Cog	12	13	14	15	16	17	18	19	20	21	22	23
38	6.965	6.429	5.970	5.572	5.224	4.916	4.643	4.399	4.179	3.980	3.799	3.634
39	7.148	6.598	6.127	5.718	5.361	5.046	4.765	4.515	4.289	4.085	3.899	3.729
40	7.331	6.767	6.284	5.865	5.499	5.175	4.888	4.630	4.399	4.189	3.999	3.825
41	7.515	6.937	6.441	6.012	5.636	5.304	5.010	4.746	4.509	4.294	4.099	3.921
42	7.698	7.106	6.598	6.158	5.773	5.434	5.132	4.862	4.619	4.399	4.199	4.016
43	7.881	7.275	6.755	6.305	5.911	5.563	5.254	4.978	4.729	4.504	4.299	4.112
44	8.064	7.444	6.912	6.452	6.048	5.693	5.376	5.093	4.839	4.608	4.399	4.208
45	8.248	7.613	7.070	6.598	6.186	5.822	5.499	5.209	4.949	4.713	4.499	4.303
46	8.431	7.782	7.227	6.745	6.323	5.951	5.621	5.325	5.059	4.818	4.599	4.399
47	8.614	7.952	7.384	6.891	6.461	6.081	5.743	5.441	5.169	4.922	4.699	4.494
48	8.798	8.121	7.541	7.038	6.598	6.210	5.865	5.556	5.279	5.027	4.799	4.590
49	8.981	8.290	7.698	7.185	6.736	6.339	5.987	5.672	5.389	5.132	4.899	4.686
50	9.164	8.459	7.855	7.331	6.873	6.469	6.109	5.788	5.499	5.237	4.999	4.781
51	9.347	8.628	8.012	7.478	7.011	6.598	6.232	5.904	5.608	5.341	5.099	4.877
52	9.531	8.798	8.169	7.625	7.148	6.728	6.354	6.019	5.718	5.446	5.199	4.973
53	9.714	8.967	8.326	7.771	7.286	6.857	6.476	6.135	5.828	5.551	5.299	5.068

Wheel Diameter 0.699

Chain Ring/Cog	12	13	14	15	16	17	18	19	20	21	22	23
38	6.955	6.420	5.961	5.564	5.216	4.909	4.637	4.393	4.173	3.974	3.794	3.629
39	7.138	6.589	6.118	5.710	5.353	5.038	4.759	4.508	4.283	4.079	3.893	3.724
40	7.321	6.758	6.275	5.857	5.491	5.168	4.881	4.624	4.393	4.183	3.993	3.820
41	7.504	6.927	6.432	6.003	5.628	5.297	5.003	4.739	4.502	4.288	4.093	3.915
42	7.687	7.096	6.589	6.150	5.765	5.426	5.125	4.855	4.612	4.393	4.193	4.011
43	7.870	7.265	6.746	6.296	5.902	5.555	5.247	4.970	4.722	4.497	4.293	4.106
44	8.053	7.433	6.903	6.442	6.040	5.684	5.369	5.086	4.832	4.602	4.393	4.202
45	8.236	7.602	7.059	6.589	6.177	5.814	5.491	5.202	4.942	4.706	4.492	4.297
46	8.419	7.771	7.216	6.735	6.314	5.943	5.613	5.317	5.051	4.811	4.592	4.393
47	8.602	7.940	7.373	6.882	6.452	6.072	5.735	5.433	5.161	4.915	4.692	4.488
48	8.785	8.109	7.530	7.028	6.589	6.201	5.857	5.548	5.271	5.020	4.792	4.583
49	8.968	8.278	7.687	7.174	6.726	6.330	5.979	5.664	5.381	5.125	4.892	4.679
50	9.151	8.447	7.844	7.321	6.863	6.460	6.101	5.780	5.491	5.229	4.991	4.774
51	9.334	8.616	8.001	7.467	7.001	6.589	6.223	5.895	5.600	5.334	5.091	4.870
52	9.517	8.785	8.158	7.614	7.138	6.718	6.345	6.011	5.710	5.438	5.191	4.965
53	9.700	8.954	8.314	7.760	7.275	6.847	6.467	6.126	5.820	5.543	5.291	5.061