

THESE CHARTS ARE PROVIDED AS A REFERENCE ONLY AND DO NOT REFLECT SPROCKETS IN STOCK

STANDARD ROLLER CHAIN SPROCKET DIAMETERS 1/2 - INCH PITCH - NO. 40 .312 INCH DIAMETER ROLLER			
No. Teeth	Outside Diameter	Pitch Diameter	Caliper Diameter
6	1.166	1.000	0.688
7	1.338	1.152	0.812
8	1.507	1.307	0.995
9	1.674	1.462	1.127
10	1.839	1.618	1.305
11	2.003	1.775	1.444
12	2.166	1.932	1.614
13	2.328	2.089	1.761
14	2.490	2.247	1.934
15	2.652	2.405	2.079
16	2.814	2.563	2.250
17	2.974	2.721	2.397
18	3.136	2.879	2.567
19	3.292	3.038	2.715
20	3.457	3.196	2.883
21	3.618	3.355	3.033
22	3.778	3.513	3.201
23	3.938	3.672	3.351
24	4.098	3.831	3.518
25	4.258	3.989	3.669
26	4.418	4.148	3.835
27	4.578	4.307	3.987
28	4.738	4.465	4.153
29	4.898	4.625	4.305
30	5.057	4.783	4.471
31	5.217	4.942	4.623
32	5.376	5.101	4.788
33	5.536	5.260	4.941
34	5.696	5.419	5.107
35	5.856	5.578	5.260
36	6.015	5.737	5.425
37	6.174	5.896	5.578
38	6.334	6.055	5.742
39	6.494	6.214	5.896
40	6.653	6.373	6.061
41	6.812	6.532	6.214

42	6.972	6.691	6.379
43	7.132	6.850	6.532
44	7.291	7.009	6.696
45	7.450	7.168	6.851
46	7.609	7.327	7.014
47	7.769	7.486	7.169
48	7.928	7.645	7.332
49	8.088	7.804	7.487
50	8.248	7.963	7.650
51	8.406	8.122	7.805
52	8.566	8.281	7.968
53	8.725	8.440	8.124
54	8.884	8.599	8.286
55	9.044	8.758	8.442
56	9.204	8.917	8.605
57	9.362	9.077	8.760
58	9.522	9.235	8.924
59	9.628	9.395	9.078
60	9.840	9.554	9.241
61	10.000	9.713	9.397
62	10.159	9.872	9.559
63	10.319	10.031	9.715
64	10.478	10.190	9.872
65	10.673	10.349	10.033
66	10.796	10.508	10.195
67	10.955	10.667	10.352
68	11.115	10.826	10.514
69	11.274	10.985	10.670
70	11.433	11.145	10.832
71	11.592	11.304	10.988
72	11.752	11.463	11.151
73	11.911	11.622	11.306
74	12.070	11.781	11.468
75	12.229	11.940	11.625
76	12.389	12.099	11.786
77	12.548	12.258	11.943
78	12.707	12.417	12.105
79	12.866	12.576	12.261
80	13.026	12.736	12.423
81	13.185	12.895	12.580
82	13.344	13.054	12.742
83	13.503	13.213	12.898
84	13.663	13.372	13.059

85	13.822	13.531	13.216
86	13.981	13.690	13.373
87	14.140	13.849	13.534
88	14.299	14.009	13.696
89	14.459	14.168	13.853
90	14.618	14.327	14.014
91	14.777	14.486	14.171
92	14.936	14.645	14.332
93	15.096	14.804	14.489
94	15.255	14.963	14.651
95	15.414	15.122	14.808
96	15.573	15.282	14.969
97	15.732	15.441	15.126
98	15.892	15.600	15.287
99	16.051	15.759	15.445
100	16.210	15.918	15.605
101	16.369	16.077	15.763
102	16.528	16.236	15.924
103	16.688	16.395	16.081
104	16.847	16.555	16.242
105	17.006	16.714	16.399
106	17.165	16.873	16.561
107	17.324	17.032	16.717
108	17.484	17.191	16.878
109	17.643	17.351	17.036
110	17.802	17.509	17.197
111	17.962	17.668	17.304
112	18.121	17.827	17.515
113	18.280	17.987	17.672
114	18.439	18.146	17.834
115	18.598	18.305	17.991
116	18.757	18.464	18.151
117	18.916	18.623	18.309
118	19.076	18.782	18.470
119	19.235	18.941	18.627
120	19.394	19.101	18.788