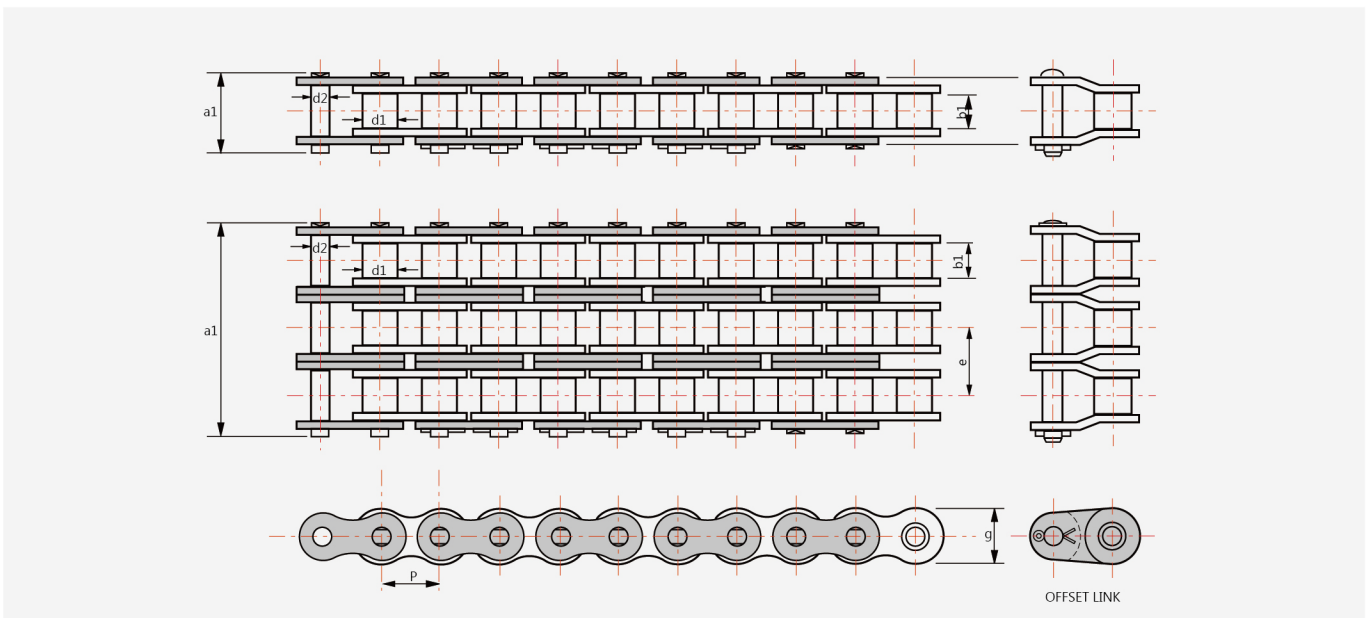




# American Standard Roller Chains



Chain No.	Pitch P [mm]	Roller width b1 [mm]	Roller diameter d1 [mm]	Pin diameter d2 [mm]	Side plates height g [mm]	Over-All pin & cotter a1 [mm]	Transverse pitch e [mm]	Weight [Kg/m]	Tensile strength [N]
25-1*	0.250	0.125	0.130	0.090	0.236	0.370	–	0.13	3,892
25-2*	0.250	0.125	0.130	0.090	0.236	0.630	0.252	0.24	7,784
35-1*	0.375	0.188	0.200	0.141	0.354	0.560	–	0.31	9,341
35-2*	0.375	0.188	0.200	0.141	0.354	0.960	0.399	0.67	18,683
35-3*	0.375	0.188	0.200	0.141	0.354	1.360	0.399	1.01	28,024
40-1	0.500	0.313	0.312	0.156	0.472	0.720	–	0.61	17,792
40-2	0.500	0.313	0.312	0.156	0.472	1.290	0.566	1.19	35,584
40-3	0.500	0.313	0.312	0.156	0.472	1.850	0.566	1.79	56,376
41-1	0.500	0.250	0.306	0.141	0.390	0.650	–	0.39	10,675
50-1	0.625	0.375	0.400	0.200	0.594	0.890	–	1.01	29,356

\* Bush Chain: d1 in the table indicates the external diameter of the bush

\* Continued

Chain No.	Pitch P [mm]	Roller width b1 [mm]	Roller diameter d1 [mm]	Pin diameter d2 [mm]	Side plates height g [mm]	Over-All pin & cotter a1 [mm]	Transverse pitch e [mm]	Weight [Kg/m]	Tensile strength [N]
50-2	0.625	0.375	0.400	0.200	0.594	1.600	0.713	1.96	58,713
50-3	0.625	0.375	0.400	0.200	0.594	2.310	0.713	2.95	88,070
50-4	0.625	0.375	0.400	0.200	0.594	3.030	0.713	3.93	117,427
60-1	0.750	0.500	0.469	0.234	0.709	1.110	–	1.47	37,808
60-2	0.750	0.500	0.469	0.234	0.709	2.010	0.897	2.9	75,616
60-3	0.750	0.500	0.469	0.234	0.709	2.910	0.897	4.29	113,424
60-4	0.750	0.500	0.469	0.234	0.709	3.810	0.897	5.8	151,232
80-1	1.000	0.625	0.625	0.312	0.945	1.440	–	2.57	64,446
80-2	1.000	0.625	0.625	0.312	0.945	2.590	1.153	5.04	128,992
80-3	1.000	0.625	0.625	0.312	0.945	3.740	1.153	7.47	193,488
100-1	1.250	0.750	0.750	0.375	1.181	1.730	–	3.73	106,752
100-2	1.250	0.750	0.750	0.375	1.181	3.140	1.408	7.31	213,504
100-3	1.250	0.750	0.750	0.375	1.181	4.560	1.408	11.01	320,256
120-1	1.500	1.000	0.875	0.437	1.406	2.140	–	5.49	151,232
120-2	1.500	1.000	0.875	0.437	1.406	3.930	1.789	10.94	302,464
120-3	1.500	1.000	0.875	0.437	1.406	5.720	1.789	16.52	453,696
140-1	1.750	1.000	1.000	0.500	1.663	2.310	–	7.450	172,400
140-2	1.750	1.000	1.000	0.500	1.663	4.240	1.924	14.390	344,800
140-3	1.750	1.000	1.000	0.500	1.663	6.160	1.924	21.320	517,200
160-1	2.000	1.250	1.125	0.562	1.899	2.730	–	9.740	226,800
160-2	2.000	1.250	1.125	0.562	1.899	5.040	2.305	19.120	453,600
160-3	2.000	1.250	1.125	0.562	1.899	7.350	2.305	28.370	680,400
180-1	2.250	1.406	1.406	0.687	2.132	3.150	–	13.510	280,200
180-2	2.250	1.406	1.406	0.687	2.132	5.750	2.592	26.340	560,500
200-1	2.500	1.500	1.562	0.781	2.312	3.440	–	15.880	353,800
200-2	2.500	1.500	1.562	0.781	2.312	6.260	2.817	32.050	707,600