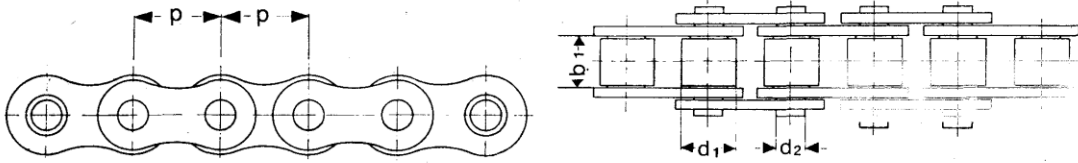


**DIMENSIONS AMERICAN STANDARDS ROLLER CHAINS
(ANSI B29. 1, ISO/R606 – 1967)**



Chain Number	Standard designation p x b ₁	Pitch p		Width between inner plates b ₁		Roller diameter d ₁ max		Bearing pin body diameter d ₂ max.	
		mm	in	mm	in	mm	in	mm	in
ASA25	1/4 x 1/8"	6.35	0.250	3.18	0.125	3.30	0.130	2.31	0.091
ASA35	3/8 x 3/16"	9.525	0.375	4.77	0.188	5.08	0.200	3.58	0.141
ASA41	1/2 x 1/4"	12.7	0.500	6.35	0.250	7.77	0.306	3.58	0.141
ASA40	1/2 x 5/16"	12.7	0.500	7.95	0.313	7.92	0.312	3.96	0.156
ASA50	5/8 x 3/8"	15.875	0.625	9.53	0.375	10.16	0.400	5.08	0.200
ASA60	3/4 x 1/2"	19.05	0.750	12.7	0.500	11.91	0.469	5.94	0.234
ASA80	1 x 5/8"	25.4	1.000	15.88	0.625	15.88	0.625	7.92	0.315
ASA100	1.1/4 x 3/4"	31.75	1.250	19.05	0.750	19.05	0.750	9.53	0.375
ASA120	1.1/2 x 1"	38.1	1.500	25.4	1.000	22.23	0.875	11.1	0.437
ASA140	1.3/4 x 1"	44.45	1.750	25.4	1.000	25.4	1.000	12.7	0.500
ASA160	2 x 1.1/4"	50.8	2.000	31.75	1.250	28.58	1.125	14.27	0.562
ASA200	2.1/2 x 1.1/2"	63.5	2.500	38.10	1.500	39.68	1.562	19.84	0.781

**DIMENSIONS BRITISH STANDARDS ROLLER CHAINS
(B.S.S. 228, ISO/R606 – 1967)**

Chain Number	Standard designation p x b ₁	Pitch p		Width between inner plates b ₁		Roller diameter d ₁ max		Bearing pin body diameter d ₂ max.	
		mm	in	mm	in	mm	in	mm	in
05B-1	8 x 3.0mm	8.0	0.315	3.0	0.118	5.0	0.197	2.31	0.091
06B-1	3/8 x 7/32"	9.525	0.375	5.72	0.225	6.35	0.250	3.28	0.129
081	1/2 x 1/8"	12.7	0.500	3.3	0.130	7.75	0.305	3.60	0.142
(ASA65)									
083	1/2 x 3/16"	12.7	0.500	4.88	0.192	7.75	0.305	3.60	0.142
(ASA45)									
(415)									
415S	1/2 x 3/16"	12.7	0.500	4.76	0.1875	7.77	0.306	3.97	0.156
420	1/2 x 1/4"	12.7	0.500	6.35	0.250	7.77	0.306	3.97	0.156
08B-1	1/2 x 5/16"	12.7	0.500	7.75	0.305	8.51	0.335	4.45	0.175
10B-1	5/8 x 3/8"	15.875	0.625	9.65	0.380	10.16	0.400	5.08	0.200
12B-1	3/4 x 7/16"	19.05	0.750	11.68	0.460	12.07	0.475	5.72	0.225
16B-1	1" x 17.02mm	25.4	1.000	17.02	0.670	15.88	0.625	8.28	0.326
20B-1	1.1/4 x 3/4"	31.75	1.250	19.56	0.770	19.05	0.750	10.19	0.401
24B-1	1.1/2 x 1"	38.1	1.500	25.4	1.000	25.4	1.000	14.63	0.576
28B-1	1.3/4 x 1.1/4"	44.45	1.750	30.99	1.220	27.94	1.100	15.9	0.626
32B-1	2 x 1.1/4"	50.80	2.000	30.99	1.220	29.21	1.150	17.81	0.701
40B-1	2.1/2 x 1.1/2"	63.5	2.500	38.1	1.500	39.37	1.550	22.89	0.901
48B-1	3 x 1.3/4"	76.2	3.000	45.72	1.800	48.26	1.900	29.24	1.151