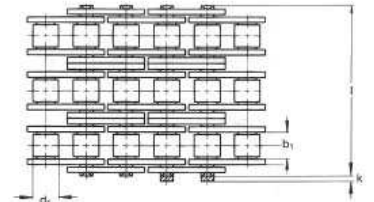
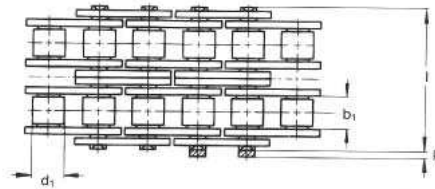
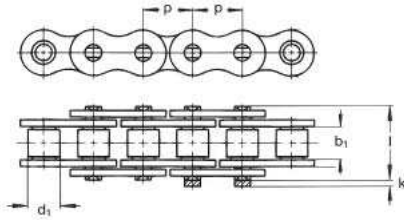


# American Standard (ANSI) Roller Chain

(All dimensions in inches)



## Single Roller Chain

Connector links are wider than chain sections. Overall dimensions may vary depending on manufacturer.

ANSI Chain No.	Ametric® Chain No.	ISO No.	Pitch p	Between Inner Plates b1	Roller Diameter d1	Chain Width l	C.L. Width Extension k	Weight lbs/ft	Average Strength(lbs) ANSI Standard
15	15-1	03 C-1	3/16	0.094	0.098	0.240	0.031	0.054	455
25	25-1	04 C-1	1/4	0.125	0.130	0.311	0.020	0.101	1,045
35	35-1	06 C-1	3/8	0.188	0.200	0.488	0.030	0.221	2,455
41	41-1	085-1	1/2	0.246	0.306	0.541	0.049	0.275	2,864
40	40-1	08 A-1	1/2	0.309	0.313	0.654	0.047	0.416	3,977
50	50-1	10 A-1	5/8	0.370	0.400	0.815	0.059	0.684	545
60	60-1	12 A-1	3/4	0.495	0.469	1.020	0.071	1.006	9,432
80	80-1	16 A-1	1	0.620	0.625	1.287	0.091	1.743	15,773
100	100-1	20 A-1	1 1/4	0.744	0.750	1.591	0.169	2.622	24,818
120	120-1	24 A-1	1 1/2	0.993	0.875	1.980	0.157	3.769	35,522
140	140-1	28 A-1	1 3/4	0.993	1.000	2.142	0.181	5.029	48,181
160	160-1	32 A-1	2	1.242	1.124	2.551	0.489	6.773	63,386
180	180-1	36 A-1	2 1/4	1.397	1.406	2.866	0.228	9.019	77,681
200	200-1	40 A-1	2 1/2	1.490	1.562	3.157	0.276	10.830	98,090
240	240-1	48 A-1	3	1.864	1.875	3.760	0.295	15.557	141,476

## Double Roller Chain

25-2	25-2	04 C-2	1/4	0.125	0.130	0.517	0.020	0.188	1,909
35-2	35-2	06 C-2	3/8	0.188	0.200	0.886	0.031	0.422	4,477
41-2	41-2	085-2	1/2	0.246	0.306	1.012	0.130	0.543	3,841
40-2	40-2	08 A-2	1/2	0.309	0.313	1.220	0.047	0.751	7,954
50-2	50-2	10 A-2	5/8	0.370	0.400	1.496	.094	1.341	13,204
60-2	60-2	12 A-2	3/4	0.495	0.469	1.921	0.067	1.958	18,659
80-2	80-2	16 A-2	1	0.620	0.625	2.469	0.063	3.453	32,227
100-2	100-2	20 A-2	1 1/4	0.744	0.750	3.008	0.161	5.230	49,863
120-2	120-2	24 A-2	1 1/2	0.993	0.875	3.772	0.154	7.846	71,567
140-2	140-2	28 A-2	1 3/4	0.993	1.000	4.067	0.181	10.152	97,158
160-2	160-2	32 A-2	2	1.242	1.124	4.854	0.189	13.505	127,817
180-2	180-2	36 A-2	2 1/4	1.397	1.406	5.457	0.228	19.594	157,953
200-2	200-2	40 A-3	2 1/2	1.490	1.562	5.980	0.272	21.619	199,407
240-2	240-2	48 A-2	3	1.864	1.875	7.220	0.291	30.330	285,292

Roller Link or Inner Link - Used for replacement of damaged rollers.

Offset Link - Used to assemble chain strands when an odd number of pitches is desired.

Connector Link - Used to assemble chain strands when an even number of pitches is desired.



Inner Link



Outer Link  
(Riveted Conn. Link)



Conn. Link with  
Spring Clip



Conn. Link with  
Cotter Pins



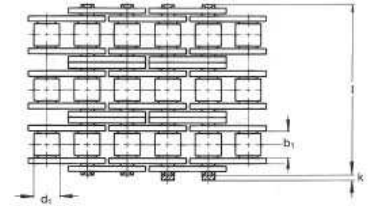
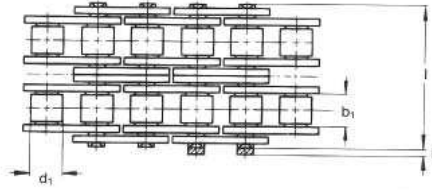
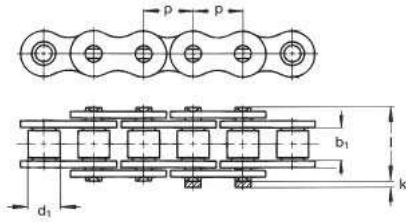
Half Link with  
Cotter Pin



Offset Link

# American Standard (ANSI) Roller Chain

(All dimensions in inches)



## Triple Roller Chain

Connector links are wider than chain sections. Overall dimensions may vary depending on manufacturer.

ANSI Chain No.	Ametric® Chain No.	ISO No.	Pitch p	Between Inner Plates b1	Roller Diameter d1	Chain Width l	C.L. Width Extension k	Weight lbs/ft	Average Strength(lbs) ANSI Standard
25-3	25-3	04 C-3	1/4	0.125	0.130	0.827	0.020	0.095	2,864
35-3	35-3	06 C-3	3/8	0.188	0.200	1.287	0.031	0.704	6,500
40-3	40-3	08 A-3	1/2	0.309	0.313	1.787	0.047	1.274	11,364
50-3	50-3	10 A-3	5/8	0.370	0.400	2.244	0.059	2.072	17,682
60-3	60-3	12 A-3	3/4	0.495	0.469	2.815	0.071	3.044	25,250
80-3	80-3	16 A-3	1	0.620	0.625	3.610	0.075	5.291	45,090
100-3	100-3	20 A-3	1 1/4	0.744	0.750	4.417	0.161	7.893	70,363
120-3	120-3	24 A-3	1 1/2	0.993	0.875	5.567	0.150	11.755	99,362
140-3	140-3	28 A-3	1 3/4	0.993	1.000	5.992	0.181	14.887	134,839
160-3	160-3	32 A-3	2	1.242	1.124	7.157	0.189	20.130	177,407
180-3	180-3	36 A-3	2 1/4	1.397	1.406	8.047	0.228	25.629	223,543
200-3	200-3	40 A-3	2 1/2	1.490	1.562	8.799	0.272	32.878	276,769
240-3	240-3	48 A-3	3	1.864	1.875	10.681	0.287	48.013	399,200

GROUP 105

