

# SAPPHIRE®

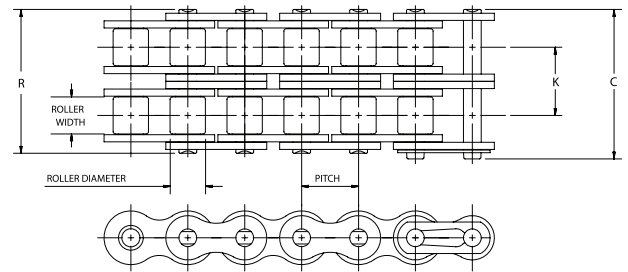
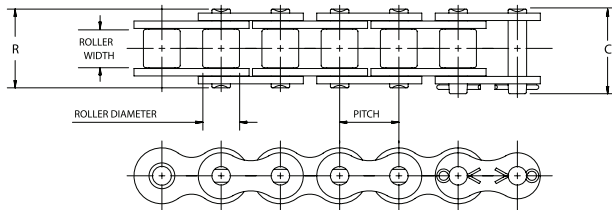
BY DIAMOND



## ASME / ANSI SERIES CHAIN

### SINGLE AND MULTI-STRAND

Sapphire Standard series chains are built to ASME/ANSI B29.1 standards.



Dimensions in Inches

ASME/ANSI Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	K	Pounds Per Foot	Minimum Tensile Strength
25	1/4	1/8	*.130	.090	.030	0.37	0.34	....	0.084	780
35	3/8	3/16	*.200	.141	.050	0.56	0.50	....	0.210	1760
35-2	3/8	3/16	*.200	.141	.050	0.96	0.90	0.399	0.450	3520
40	1/2	5/16	.312	.156	.060	0.72	0.67	....	0.410	3125
40-2	1/2	5/16	.312	.156	.060	1.29	1.24	0.566	0.800	6250
40-3	1/2	5/16	.312	.156	.060	1.85	1.80	0.566	1.200	9375
41	1/2	3/4	.306	.141	.050	0.65	0.57	....	0.260	1500
50	5/8	3/8	.400	.200	.080	0.89	0.83	....	0.680	4880
50-2	5/8	3/8	.400	.200	.080	1.60	1.55	0.713	1.320	9760
50-3	5/8	3/8	.400	.200	.080	2.31	2.26	0.713	1.980	14640
60	3/4	1/2	.469	.234	.094	1.11	1.04	....	0.990	7030
60-2	3/4	1/2	.469	.234	.094	2.01	1.94	0.897	1.950	14060
60-3	3/4	1/2	.469	.234	.094	2.91	2.84	0.897	2.880	21090
80	1	5/8	.625	.312	.125	1.44	1.32	....	1.730	12500
80-2	1	5/8	.625	.312	.125	2.59	2.47	1.153	3.370	25000
100	1 1/4	3/4	.750	.375	.156	1.73	1.61	....	2.510	19530
100-2	1 1/4	3/4	.750	.375	.156	3.14	3.02	1.408	4.910	39060
120	1 1/2	1	.875	.437	.187	2.14	2.00	....	3.690	28125
120-2	1 1/2	1	.875	.437	.187	3.93	3.79	1.789	7.350	56250
140	1 3/4	1	1.000	.500	.219	2.31	2.14	....	5.000	38280
140-2	1 3/4	1	1.000	.500	.219	4.24	4.07	1.924	9.650	76560
160	2	1 1/4	1.125	.562	.250	2.73	2.54	....	6.530	50000
160-2	2	1 1/4	1.125	.562	.250	5.04	4.85	2.305	12.830	100000
180	2 1/4	1 13/32	1.406	.687	.281	3.15	2.88	....	9.060	63280
180-2	2 1/4	1 13/32	1.406	.687	.281	5.87	5.51	2.592	17.510	126677
200	2 1/2	1 1/2	1.562	.781	.312	3.44	3.12	....	10.650	78125
200-2	2 1/2	1 1/2	1.562	.781	.312	6.26	5.94	2.817	21.500	156250
240	3	1 7/8	1.875	.937	.375	4.06	3.72	....	16.400	112500

\*Chains are rollerless - dimension shown is bushing diameter.

STANDARD SERIES CHAIN

