

# CHAIN

## GENERAL INFORMATION

**ONE OF THE  
LARGEST  
INVENTORIES IN  
THE COUNTRY**

**NEW & USED  
CHAIN**

**Always in Stock**

**RENTAL AVAILABLE**

From 1/4" to 5-1/4" Diameter in the  
West Coast  
East Coast  
and the Gulf Coast

We are DIRECT IMPORTERS and  
FACTORY DISTRIBUTORS.

- WELDLESS CHAIN
- PROOF COIL CHAIN
- HIGH TEST
- LASHING
- COAST GUARD BUOY CHAIN
- STAINLESS STEEL
- ALLOY
- DOCK FENDER CHAIN
- STUD LINK
- U.S. NAVY
- CAST STEEL
- O.R.Q
- GRADES 2, 3, 4 AND 5

**DOMESTIC &  
IMPORTED**

WITH or WITHOUT  
CERTIFICATES  
(A.B.S., LLOYDS, D.N.V., ETC.)

**GIVE US A CALL  
310.522.9698**



## GENERAL INFORMATION

### DIMENSION RATIOS

For many years, dimensions of stud link anchor chain have been standardized so that all chain manufacturers are required to furnish chain conforming to dimension charts published by various testing societies (Lloyds, American Bureau of Shipping, etc.), within their limiting tolerances. For estimating purposes it is often useful to note the following:

The inside length ("grip" or pitch) of one link is 4 wire diameters.

The outside length of one link is 6 wire-diameters.

The outside width of one link is 3.56 wire-diameters.

The gauge-test length is the outside length over 6 links and equals 26 wire-diameters.

The weight of one link is about 3-1/3 times its wire diameter cubed.

Doubling the wire-diameter of one link multiplies its weight by 8.

The weight of 1 linear foot of chain is 10 times its wire-diameter squared.

The length of a standard "shot" = 15 fathoms = 90 ft. = 1080".

The weight of a 90 ft. shot = 900 times its wire-diameter squared.

Doubling the wire-diameter of a 90 ft. shot multiplies its weight by 4.

Doubling the size of a chain theoretically multiplies its strength by 4; in practice, by a trifle less than 4.

The safe working load of chain is ordinarily assumed as one half the proof test.

### CHAIN LENGTHS REQUIRED

In determining amount of anchor chain to be used for a particular anchorage it is usual to allow 5 to 7 times the depth of water; dependent on such factors as nature of bottom, present and anticipated weather, tidal and current conditions, state of readiness of the ship's powerplant, draft, amount of exposed hull and superstructure, and length of stay at anchor. (U.S. Coast Guard)

### CHAIN AND LINK MAINTENANCE

Anchor chain cable should be ranged at regular intervals and examined for damage and signs of excessive wear. It is considered good practice to occasionally shift the shots about in the chain to insure even wear. The chains may also be sprayed with a preservative such as fish oil at this time. (U.S. Coast Guard)

The U.S. Navy instructs that at least once every eighteen (18) months all anchor chain cable regardless of size, including detachable links, swivels and shackles should be examined, over-hauled and placed in a good state of preservation. Chain connecting links particularly should be disassembled and the interiors recoated with grease, and identification mark restored if necessary.

# GENERAL INFORMATION

## DEFINITIONS

<b>RATED LOAD VALUE</b>	The maximum recommended load that should be exerted on the item. The following terms are also used for the term Rated Load: "SWL", "Safe Working Load", "Working Load", "Working Load Limit", and the "Resultant Safe Working Load." All rated load values, unless noted otherwise, are for in-line pull with respect to the centerline of the item.
<b>PROOF LOAD</b>	The average load to which an item may be subjected before visual deformation occurs or a load that is applied in the performance of a proof test.
<b>PROOF TEST</b>	A term designating a tensile test applied to the item for the sole purpose of detecting injurious defects in the material or manufacture.
<b>ULTIMATE LOAD</b>	The average load at which the item being tested fails or no longer supports the load.
<b>SHOCK LOAD</b>	A resulting load from the rapid change of movement, such as impacting or jerking, of a static load. A Shock Load is generally significantly greater than the static load.
<b>SAFETY FACTOR</b>	An industry term denoting theoretical reserve capability. Usually computed by dividing the catalog stated ultimate load by the catalog stated working load limit and generally expressed as a ratio, for example 5 to 1.
<b>COMMERCIAL SURFACE QUALITY</b>	The surface condition associated with the normal methods of production of raw material and machined surfaces. The surface condition of the products shown in this catalog. More refined surface qualities are considered as special.

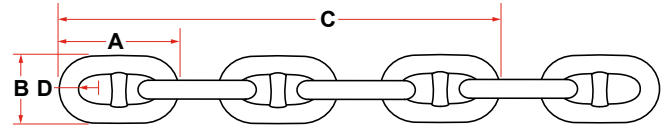
All ratings given in tons refer to short tons of 2,000 lbs.

NOTE: The right is reserved to make changes in product design, material and specifications without incurring obligations.

### **WARNING:**

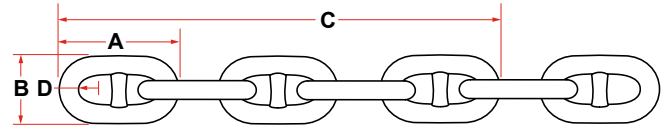
Low and high carbon steel welded and weldless chain and attachments are not to be used for overhead lifting purposes or where its failure is likely to cause damage to property or persons.

## STUD LINK ANCHOR CHAIN (IMPERIAL)



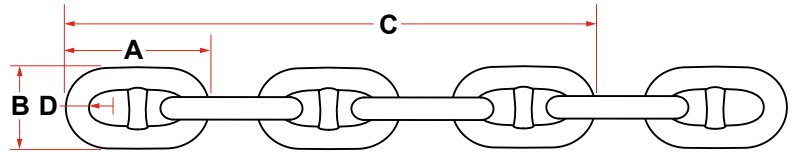
CHAIN NOMINAL DIAMETER	LINK LENGTH (A)	LINK WIDTH (B)	LENGTH OF 5 LINKS (C)	GRIP RADIUS (D)	APPROX LINKS PER SHOT	WEIGHT PER SHOT	GRADE 2		GRADE 3	
							PROOF LOAD	BREAKING LOAD	PROOF LOAD	BREAKING LOAD
In	In	In	In	In	Ea	Lbs	Lbf	Lbf	Lbf	Lbf
1/2	3	1 13/16	11	0.33	535	230	15300	21400	21400	30600
9/16	3 3/8	2	12 3/8	0.37	478	290	19300	27000	27000	38600
5/8	3 3/4	2 1/4	13 3/4	0.41	432	370	23700	33200	33200	47500
11/16	4 1/8	2 1/2	15 1/8	0.45	391	410	28600	40100	40100	57300
3/4	4 1/2	2 11/16	16 1/2	0.49	357	480	34000	47600	47600	68000
13/16	4 7/8	2 15/16	17 7/8	0.53	329	570	39800	55700	55700	79500
7/8	5 1/4	3 1/8	19 1/4	0.57	305	660	46000	64400	64400	91800
15/16	5 5/8	3 3/8	20 5/8	0.61	285	760	52600	73700	73700	105000
1	6	3 5/8	22	0.65	267	860	59700	86300	83600	119500
1 1/16	6 3/8	3 13/16	23 3/8	0.69	251	970	67200	94100	94100	135000
1 1/8	6 3/4	4 1/16	24 3/4	0.73	237	1080	75000	105000	105000	150000
1 3/16	7 1/8	4 1/4	26 1/8	0.77	225	1220	83400	116500	116500	167000
1 1/4	7 1/2	4 1/2	27 1/2	0.81	213	1350	92200	129000	129000	184000
1 5/16	7 7/8	4 3/4	28 7/8	0.85	203	1490	101500	142000	142000	203000
1 3/8	8 1/4	4 15/16	30 1/4	0.89	195	1630	111000	155000	155000	222000
1 7/16	8 5/8	5 3/16	31 5/8	0.93	187	1780	120500	169000	169000	241000
1 1/2	9	5 3/8	33	0.98	179	1940	131000	183500	183500	262000
1 9/16	9 3/8	5 5/8	34 3/8	1.02	171	2090	142000	198500	198500	284000
1 5/8	9 3/4	5 7/8	35 3/4	1.06	165	2240	153000	214000	214000	306000
1 11/16	10 1/8	6 1/16	37 1/8	1.10	159	2410	166500	229000	229000	327000
1 3/4	10 1/2	6 5/16	38 1/2	1.14	153	2590	176000	247000	247000	352000
1 13/16	10 7/8	6 1/2	39 7/8	1.18	147	2790	188500	264000	264000	377000
1 7/8	11 1/4	6 3/4	41 1/4	1.22	143	2980	201000	281000	281000	402000
1 15/16	11 5/8	7	42 5/8	1.26	139	3180	214000	299000	299000	427000
2	12	7 3/16	44	1.30	133	3360	227000	318000	318000	454000
2 1/16	12 3/8	7 7/16	45 3/8	1.34	129	3570	241000	337000	337000	482000
2 1/8	12 3/4	7 5/8	46 3/4	1.38	125	3790	255000	357000	357000	510000
2 3/16	13 1/8	7 7/8	48 1/8	1.42	123	4020	269000	377000	377000	538000
2 1/4	13 1/2	8 1/8	49 1/2	1.46	119	4250	284000	396000	396000	570000
2 5/16	13 7/8	8 5/16	50 7/8	1.50	117	4490	299000	418000	418000	598000
2 3/8	14 1/4	8 9/16	52 1/4	1.54	113	4730	314000	440000	440000	628000
2 7/16	14 5/8	8 3/4	53 5/8	1.58	111	4960	330000	462000	462000	660000
2 1/2	15	9	55	1.63	107	5270	346000	484000	484000	692000
2 9/16	15 3/8	9 1/4	56 3/8	1.67	105	5540	363000	507000	507000	726000
2 5/8	15 3/4	9 7/16	57 3/4	1.71	103	5820	379000	530000	530000	758000

## STUD LINK ANCHOR CHAIN (IMPERIAL)



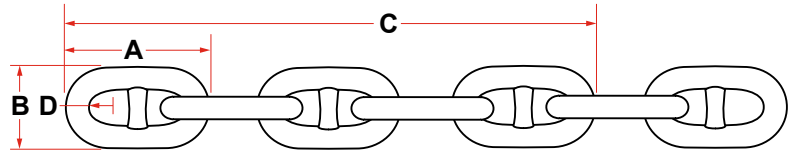
CHAIN NOMINAL DIAMETER	LINK LENGTH (A)	LINK WIDTH (B)	LENGTH OF 5 LINKS (C)	GRIP RADIUS (D)	APPROX LINKS PER SHOT	WEIGHT PER SHOT	GRADE 2		GRADE 3	
							PROOF LOAD	BREAKING LOAD	PROOF LOAD	BREAKING LOAD
In	In	In	In	In	Ea	Lbs	Lbf	Lbf	Lbf	Lbf
2 11/16	16 1/8	9 11/16	59 1/8	1.75	99	6110	396000	554000	554000	792000
2 3/4	16 1/2	9 7/8	60 1/2	1.79	97	6410	413000	578000	578000	826000
2 13/16	16 7/8	10 1/8	61 7/8	1.83	95	6710	431000	603000	603000	861000
2 7/8	17 1/4	10 3/8	63 1/4	1.87	93	7020	449000	628000	628000	897000
2 15/16	17 5/8	10 9/16	64 5/8	1.91	91	7330	467000	654000	654000	934000
3	18	10 13/16	66	1.95	89	7650	485000	679000	679000	970000
3 1/16	18 3/8	11	67 3/8	1.99	87	7980	504000	705000	705000	1008000
3 1/8	18 3/4	11 1/4	68 3/4	2.03	85	8320	523000	732000	732000	1046000
3 3/16	19 1/8	11 1/2	70 1/8	2.07	85	8660	542000	759000	759000	1084000
3 1/4	19 1/2	11 11/16	71 1/2	2.11	83	9010	562000	787000	787000	1124000
3 5/16	19 7/8	11 15/16	72 7/8	2.15	81	9360	582000	814000	814000	1163000
3 3/8	20 1/4	12 1/8	74 1/4	2.19	79	9730	602000	843000	843000	1204000
3 7/16	20 5/8	12 3/8	75 5/8	2.23	77	10100	622000	871000	871000	1244000
3 1/2	21	12 5/8	77	2.28	77	10500	643000	900000	900000	1285000
3 9/16	21 3/8	12 13/16	78 3/8	2.32	75	10900	664000	929000	929000	1327000
3 5/8	21 3/4	13 1/16	79 3/4	2.36	73	11300	685000	958000	958000	1369000
3 3/4	22 1/2	13 1/2	82 1/2	2.44	71	12000	728000	1019000	1019000	1455000
3 7/8	23 1/4	13 15/16	85 1/4	2.52	69	12900	772000	1080000	1080000	1543000
3 15/16	23 5/8	14 3/16	86 5/8	2.56	68	13300	794000	1111000	1111000	1587000
4	24	14 3/8	88	2.60	67	13700	816000	1143000	1143000	1632000
4 1/8	24 3/4	14 7/8	90 3/4	2.68	65	14600	862000	1207000	1207000	1724000
4 1/4	25 1/2	15 5/16	93 1/2	2.76	63	15400	908000	1272000	1272000	1817000
4 3/8	26 1/4	15 3/4	96 1/4	2.84	61	16200	956000	1338000	1338000	1911000
4 1/2	27	16 3/16	99	2.93	59	17100	1004000	1405000	1405000	2008000
4 5/8	27 3/4	16 5/8	101 3/4	3.01	57	18000	1053000	1474000	1474000	2105000
4 3/4	28 1/2	17 1/8	104 1/2	3.09	57	18900	1102000	1543000	1543000	2204000
4 7/8	29 1/4	17 9/16	107 1/4	3.17	55	19900	1153000	1613000	1613000	2305000
5	30	18	110	3.25	53	20900	1203000	1685000	1685000	2407000
5 1/8	30 3/4	18 7/16	112 3/4	3.33	52	22000	1255000	1757000	1757000	2509000
5 3/8	32 1/4	19 3/8	118 1/4	3.49	49	24000	1359000	1903000	1903000	2718000
5 5/8	33 3/4	20 1/4	123 3/4	3.66	47	26100	1466000	2052000	2052000	2932000
5 3/4	34 1/2	20 11/16	126 1/2	3.74	46	27000	1520000	2128000	2128000	3039000
6	36	21 5/8	132	3.90	45	29100	1629000	2280000	2280000	3257000
6 1/8	36 3/4	22 1/16	134 3/4	3.98	44	30200	1684000	2357000	2357000	3367000
6 3/8	38 1/4	22 15/16	140 1/4	4.14	42	32400	1795000	2512000	2512000	3589000

## STUD LINK ANCHOR CHAIN (METRIC)

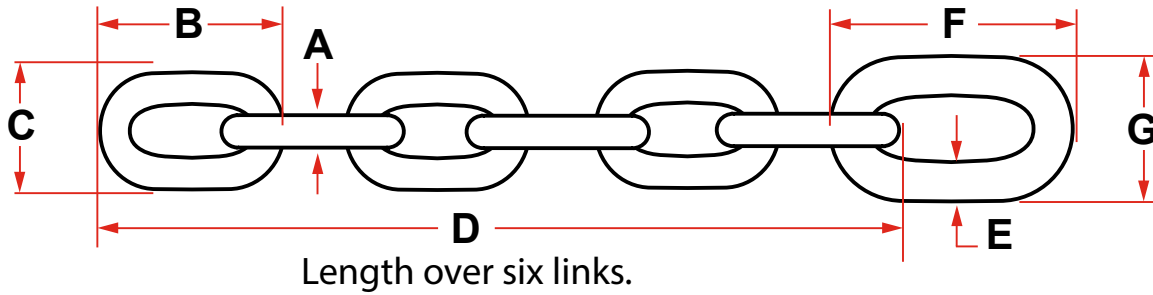


CHAIN NOMINAL DIAMETER	LINK LENGTH (A)	LINK WIDTH (B)	LENGTH OF 5 LINKS (C)	GRIP RADIUS (D)	LINKS PER SHOT	WEIGHT PER SHOT	GRADE 2		GRADE 3	
							PROOF LOAD	BREAKING LOAD	PROOF LOAD	BREAKING LOAD
mm	mm	mm	mm	mm	ea	kg	kN	kN	kN	kN
12.5	75	45	275	8.13	547	110	65.7	92.2	92.2	132.4
14	84	50	308	9.10	487	130	82.4	115.7	115.7	164.8
16	96	58	352	10.40	425	170	106.9	150.0	150.0	215.7
17.5	105	63	385	11.38	389	180	127.5	179.5	179.5	260.8
19	114	68	418	12.35	361	220	150.9	210.8	210.8	301.1
20.5	123	74	451	13.33	333	260	174.6	244.2	244.2	349.1
22	132	79	484	14.30	309	300	200.1	280.5	280.5	401.1
24	144	86	528	15.60	283	340	237.3	332.4	332.4	475.6
26	156	94	572	16.90	263	420	277.5	389.3	389.3	556.0
28	168	101	616	18.20	243	480	320.7	449.1	449.1	642.3
30	180	108	660	19.50	225	550	367.7	513.9	513.9	734.5
32	192	115	704	20.80	211	610	416.8	582.5	582.5	832.6
34	204	122	748	22.10	199	700	467.8	655.1	655.1	936.5
36	216	130	792	23.40	187	790	522.7	731.6	731.6	1049.3
38	228	137	836	24.70	177	880	580.6	812.0	812.0	1157.2
40	240	144	880	26.00	169	970	640.4	896.3	896.3	1284.7
42	252	151	924	27.30	161	1070	703.1	980.7	980.7	1402.3
44	264	158	968	28.60	155	1170	768.8	1078.7	1078.7	1539.6
46	276	166	1012	29.90	147	1270	836.5	1167.0	1167.0	1676.9
48	288	173	1056	31.20	141	1380	908.1	1274.9	1274.9	1814.2
50	300	180	1100	32.50	135	1480	980.7	1372.9	1372.9	1961.3
52	312	187	1144	33.80	131	1600	1059.1	1480.8	1480.8	2108.4
54	324	194	1188	35.10	125	1720	1137.6	1588.7	1588.7	2265.3
56	336	202	1232	36.40	121	1850	1216.0	1706.4	1706.4	2432.0
58	348	209	1276	37.70	117	1990	1294.5	1814.2	1814.2	2598.8
60	360	216	1320	39.00	113	2120	1382.7	1941.7	1941.7	2765.5
62	372	223	1364	40.30	109	2250	1471.0	2059.4	2059.4	2942.0
64	384	230	1408	41.60	107	2440	1559.3	2186.9	2186.9	3128.3
66	396	238	1452	42.90	103	2590	1657.3	2314.4	2314.4	3304.8
68	408	245	1496	44.20	99	2750	1745.6	2451.7	2451.7	3501.0
70	420	252	1540	45.50	97	2910	1843.7	2579.1	2579.1	3687.3
73	438	263	1606	47.45	93	3180	1990.7	2794.9	2794.9	3991.3

## STUD LINK ANCHOR CHAIN (METRIC)



CHAIN NOMINAL DIAMETER	LINK LENGTH (A)	LINK WIDTH (B)	LENGTH OF 5 LINKS (C)	GRIP RADIUS (D)	LINKS PER SHOT	WEIGHT PER SHOT	GRADE 2		GRADE 3	
							PROOF LOAD	BREAKING LOAD	PROOF LOAD	BREAKING LOAD
mm	mm	mm	mm	mm	ea	kg	kN	kN	kN	kN
76	456	274	1672	49.40	89	3470	2147.6	3010.6	3010.6	4295.3
78	468	281	1716	50.70	87	3650	2255.5	3157.7	3157.7	4501.3
81	486	292	1782	52.65	83	3930	2412.4	3383.3	3383.3	4824.9
84	504	302	1848	54.60	81	4250	2579.1	3608.8	3608.8	5158.3
87	522	313	1914	56.55	79	4560	2745.9	3854.0	3854.0	5501.5
90	540	324	1980	58.50	75	4860	2922.4	4089.4	4089.4	5844.8
92	552	331	2024	59.80	73	5100	3040.1	4256.1	4256.1	6080.1
95	570	342	2090	61.75	71	5400	3226.4	4511.0	4511.0	6443.0
97	582	349	2134	63.05	69	5670	3344.1	4677.8	4677.8	6688.1
100	600	360	2200	65.00	67	6010	3530.4	4942.6	4942.6	7060.8
102	612	367	2244	66.30	67	6250	3657.9	5119.1	5119.1	7315.8
105	630	378	2310	68.25	65	6600	3854.0	5393.7	5393.7	7698.2
107	642	385	2354	69.55	63	6820	3981.5	5570.2	5570.2	7963.0
111	666	400	2442	72.15	61	7290	4246.3	5942.8	5942.8	8482.8
114	684	410	2508	74.10	59	7640	4442.4	6227.2	6227.2	8894.6
117	702	421	2574	76.05	57	7980	4648.4	6511.6	6511.6	9296.7
120	720	432	2640	78.00	57	8310	4854.3	6805.8	6805.8	9718.4
122	732	439	2684	79.30	55	8620	5001.4	7001.9	7001.9	9993.0
124	744	446	2728	80.60	55	8920	5138.7	7198.1	7198.1	10277.4
127	762	457	2794	82.55	53	9380	5354.4	7492.3	7492.3	10708.9
130	780	468	2860	84.50	51	9840	5570.2	7796.3	7796.3	11140.4
132	792	475	2904	85.80	51	10140	5717.3	8002.2	8002.2	11424.7
137	822	493	3014	89.05	49	10910	6080.1	8512.2	8512.2	12160.2
142	852	511	3124	92.30	47	11670	6452.8	9031.9	9031.9	12905.6
147	882	529	3234	95.55	47	12440	6835.2	9561.5	9561.5	13660.7
152	912	547	3344	98.80	45	13200	7217.7	10100.8	10100.8	14425.6
157	942	565	3454	102.05	43	14000	7600.2	10640.2	10640.2	15200.3
162	972	583	3564	105.30	41	14700	8002.2	11199.2	11199.2	15994.6



## OPEN-LINK CHAIN (COAST GUARD BUOY CHAIN)

COMMON LINKS				END LINKS			LOADS		WEIGHT PER 15-FATHOM SHOT (APPROX.)	
WIRE DIAMETER A		LINK LENGTH (B)	LINK WIDTH (C)	LENGTH OVER SIX LINKS (D)	WIRE DIAMETER (E)	LINK LENGTH (F)	LINK WIDTH (G)	PROOF TEST		BREAK TEST
INCHES	MM									
1/2	13	3	1-7/8	13	3/4	4-1/4	2-5/8	7500	15000	210
5/8	16	3-3/4	2-1/4	16-1/4	3/4	4-1/2	2-5/8	11500	23000	323
3/4	19	4-1/2	2-5/8	19-1/2	7/8	5-1/4	3-1/8	16000	32000	442
7/8	22	5-1/4	3-1/8	22-3/4	1-1/8	6-3/4	3-7/8	22000	40000	608
1	25	6	3-1/2	28	1-1/4	7-1/2	4-3/8	29000	58000	760
1-1/8	28	6-3/4	3-7/8	29-1/4	1-1/4	7-1/2	4-3/8	38500	77000	990
1-1/4	32	7-1/2	4-3/8	32-1/2	1-1/2	9	5-1/4	45500	91000	1245
1-1/2	38	9	5-1/4	39	1-7/8	11-1/4	6-1/2	65500	131000	1762
1-5/8	42	9-3/4	5-11/16	42-1/4	1-7/8	11-1/4	6-1/2	76500	153000	2040
1-3/4	44	10-1/2	6-1/16	45-1/2	2-1/8	12	7-3/16	86500	173000	2370
1-7/8	48	11-1/4	6-1/2	48-3/4	2-1/8	12	7-3/16	100000	200000	2640

All specifications in pounds and inches, unless otherwise stated.



## PROOF COIL CHAIN GRADE 28 / GRADE 30



**CAUTION: NEVER EXCEED WORK LOAD LIMIT OF CHAIN. NEVER USE PROOF COIL CHAIN FOR OVERHEAD LIFTING OR WHERE IT'S FAILURE WILL CAUSE DAMAGE TO PROPERTY OR LIFE.**

### PROOF COIL CHAIN (GRADE 28)

Self colored-zinc plated-hot galvanized

TRADE SIZE	WORK LOAD LIMIT IN LBS	FEET PER DRUM	FEET PER 1/2 DRUM	MIN. WEIGHT PER FOOT IN LBS	MAX. LENGTH PER 100 LINKS
1/8"	375	—	1,000	.17	98.7"
3/16"	750	1,500	750	.33	96.4"
1/4"	1,250	800	400	.63	124"
5/16"	1,900	550	275	.93	129.1"
3/8"	2,650	400	200	1.41	137.8"
7/16"	3,500	300	150	2.10	172.9"
1/2"	4,500	200	100	2.40	179.1"
5/8"	6,900	150	75	3.58	220.5"
3/4"	9,750	100	50	5.48	275.6"
7/8"	11,375	75	35	7.31	258.7"
1"	13,950	60	30	9.41	287.8"

## HIGH TEST CHAIN GRADE 43 / GRADE 40



**CAUTION: NEVER EXCEED WORK LOAD LIMIT OF CHAIN. NEVER USE GRADE 43 TEST CHAIN FOR OVERHEAD LIFTING OR WHERE IT'S FAILURE WILL CAUSE DAMAGE TO PROPERTY OR LIFE.**

### HIGH TEST CHAIN (GRADE 43)

Self colored-hot galvanized

TRADE SIZE	WORK LOAD LIMIT IN LBS	FEET PER DRUM	FEET PER 1/2 DRUM	MIN. WEIGHT PER FOOT IN LBS	MAX. LENGTH PER 100 LINKS
1/4"	2,600	800	400	.63	124.0"
5/16"	3,900	550	275	.93	129.1"
3/8"	5,400	400	200	1.41	137.8"
7/16"	7,200	300	150	2.10	172.9"
1/2"	9,200	200	100	2.40	179.1"
5/8"	11,500	150	75	3.58	220.5"
3/4"	16,200	100	50	5.48	275.6"

## TRANSPORT CHAIN GRADE 70



**CAUTION: NEVER EXCEED WORK LOAD LIMIT OF CHAIN. NEVER USE GRADE 70 CHAIN FOR OVERHEAD LIFTING OR WHERE IT'S FAILURE WILL CAUSE DAMAGE TO PROPERTY OR LIFE.**

TRADE SIZE	WORK LOAD LIMIT IN LBS	FEET PER DRUM	FEET PER 1/2 DRUM	MIN. WEIGHT PER FOOT IN LBS	MAX. LENGTH PER 100 LINKS
1/14"	3,150	800	400	0.63	124.0"
5/16"	4,700	550	275	0.93	129.1"
3/8"	6,600	400	200	1.41	137.8"
1/2"	11,300	200	100	2.40	179.1"

## ALLOY STEEL CHAIN GRADE 80



MATERIAL	DIAMETER		LINK DIMENSIONS INSIDE		WLL	LINKS PER FT.	WEIGHT PER 100' LBS.
	NOMINAL IN.	ACTUAL IN.	ACTUAL MM.	LENGTH IN.			
1/4"	.236	6	.70	.315	2,100	16.9	53
9/32"	.275	7	.82	.394	3,500	14.5	74
5/16"	.314	8	.94	.469	4,500	12.7	94
3/8"	.393	10	1.18	.575	7,100	10.1	148
1/2"	.512	13	1.53	.764	12,000	7.8	256
5/8"	.629	16	1.89	.937	18,100	6.3	383
3/4"	.787	20	2.36	1.142	28,300	5.1	605
7/8"	.866	22	2.60	1.307	34,200	4.6	732
1"	1.020	26	3.07	1.379	47,700	3.9	1,020
1-1/4"	1.260	32	3.78	1.713	72,300	3.1	1,550
1-1/2"	1.490	38	4.48	2.000	99,000	2.6	2,090

## ALLOY STEEL CHAIN GRADE 100



MATERIAL	DIAMETER	DIAMETER	LINK DIMENSIONS INSIDE		WLL	LINKS	WEIGHT PER 100'
NOMINAL IN.	ACTUAL IN.	ACTUAL MM.	LENGTH IN.	WIDTH IN.	LBS	PER FT.	LBS.
9/32"	.275	7	.82	.394	4,300	14.5	74
5/16"	.314	8	.94	.469	5,700	12.7	94
3/8"	.393	10	1.18	.575	8,800	10.1	148
1/2"	.512	13	1.53	.764	15,000	7.8	256
5/8"	.629	16	1.89	.937	22,600	6.3	383

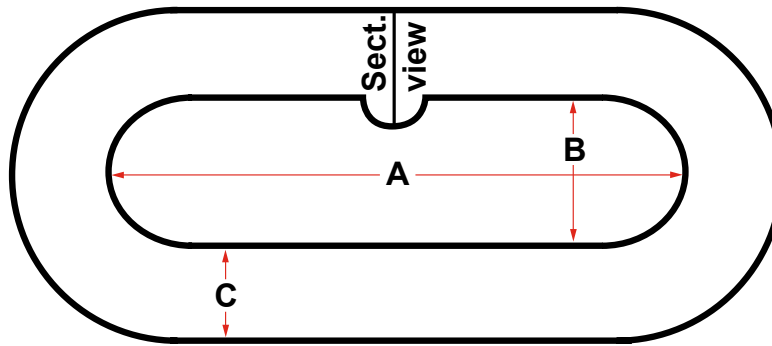
## STAINLESS STEEL CHAIN



TRADE SIZE	DRUM	WORKING LOAD LIMITS (LBS)	MATERIAL DIAMETER (IN)	INSIDE LENGTH (IN)	INSIDE WIDTH (IN)	WEIGHT PER 100 FT (LBS)
1/8"	1000'	375	.156	.94	.25	17
3/16"	1500'	1,150	.217	.98	.30	38
1/4"	800'	1,860	.275	1.24	.38	61
5/16"	550'	2,425	.330	1.29	.44	84
3/8"	400'	3,800	.394	1.38	.55	140
1/2"	200'	6,425	.512	1.79	.72	234
5/8"	150'	9,725	.630	2.20	.79	358
3/4"	60'	15,175	.787	2.76	.98	551

DO NOT USE FOR OVERHEAD LIFTING. Do not exceed working load limit.

The information on this page is to be used for comparison purposes only.  
Please consult reliable engineering texts when danger to life or property is possible.



Typical Link

FINISH: HOT DIPPED GALVANIZED

## LONG LINK HIGH TEST CHAIN G-43

NOMINAL CHAIN SIZE INCHES	WEIGHT PER 100' (LBS)	C (IN)	A (IN)	B (IN)	WORKING LOAD (LBS)	PROOF LOAD (LBS)	BREAKING STRENGTH (LBS)
3/8"	117	3/8"	2-3/8"	5/8"	3,500	7,000	14,000
1/2"	186	1/2"	3-1/4"	3/4"	6,000	12,000	24,000
5/8"	290	5/8"	3-3/4"	7/8"	9,500	19,000	38,000
3/4"	460	3/4"	3-3/4"	1-1/4"	13,500	27,000	54,000
1"	832	1"	4-1/8"	1-3/8"	23,200	46,400	92,800

## LONG LINK LASHING CHAIN G-70

NOMINAL CHAIN SIZE INCHES	WEIGHT PER 100' (LBS)	C (IN)	A (IN)	B (IN)	WORKING LOAD (LBS)	PROOF LOAD (LBS)	BREAKING STRENGTH (LBS)
1/2"	202	1/2"	3-1/8"	1"	10,000	20,000	39,000

## LONG LINK ALLOY CHAIN G-80

NOMINAL CHAIN SIZE INCHES	WEIGHT PER 100' (LBS)	C (IN)	A (IN)	B (IN)	WORKING LOAD (LBS)	PROOF LOAD (LBS)	BREAKING STRENGTH (LBS)
3/8"	143	3/8"	2-3/8"	1/2"	7,100	14,200	28,400
1/2"	231	1/2"	3-1/4"	3/4"	10,000	20,000	40,000
5/8"	290	5/8"	3-3/4"	7/8"	17,500	35,000	70,000
3/4"	506	3/4"	3-3/4"	1-1/4"	27,500	55,000	110,000
1"	902	1"	4-1/8"	1-3/8"	43,400	86,800	173,600