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Rigging Superstore

GRADE 30 PROOF COIL CHAIN

NATIONAL ASSOCIATION OF CHAIN MANUFACTURERS
Welded Steel Chain Specifications
TABLE I

Grade 30 Proof Coil Chain
(Not to be used in overhead lifting applications)

Nominal Chain Size		Material Diameter		Working Load Limit (Max.)		Proof Test** (Min.)		Minimum Breaking Force**		Inside Length (Max.)		Inside Width (Min.)	
in	mm	in	mm	lbs	kg	lbs	kN	lbs	kN	in	mm	in	mm
1/8	4.0	0.156	4.0	400	180	800	3.6	1,600	7.2	0.94	23.9	0.25	6.4
3/16	5.5	0.217	5.5	800	365	1,600	7.2	3,200	14.4	0.98	24.8	0.30	7.7
1/4	7.0	0.276	7.0	1,300	580	2,600	11.6	5,200	23.2	1.24	31.5	0.38	9.8
5/16	8.0	0.331	8.4	1,900	860	3,800	16.9	7,600	33.8	1.29	32.8	0.44	11.2
3/8	10.0	0.394	10.0	2,650	1,200	5,300	23.6	10,600	47.2	1.38	35.0	0.55	14.0
7/16	11.9	0.488	11.9	3,700	1,680	7,400	32.9	14,800	65.8	1.64	41.6	0.65	16.6
1/2	13.0	0.512	13.0	4,500	2,030	9,000	40.0	18,000	80.0	1.79	45.5	0.72	18.2
5/8	16.0	0.630	16.0	6,900	3,130	13,800	61.3	27,600	122.6	2.20	56.0	0.79	20.0
3/4	20.0	0.787	20.0	10,600	4,800	21,200	94.3	42,400	188.6	2.76	70.0	0.98	25.0
7/8	22.0	0.866	22.0	12,800	5,810	25,600	114.1	51,200	228.2	3.03	77.0	1.08	27.5
1	26.0	1.020	26.0	17,900	8,140	35,800	159.1	71,600	318.2	3.58	90.9	1.25	31.7

**The Proof Test and Minimum Breaking Force loads shall not be used as criteria for service and design purposes. See Section 3.0.