

TULSA CHAIN.COM



Rigging Superstore

GRADE 43 HIGH TEST CHAIN

NATIONAL ASSOCIATION OF CHAIN MANUFACTURERS
Welded Steel Chain Specifications

TABLE II

Grade 43 High Test 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
1/4	7.0	0.276	7.0	2,600	1,180	3,900	17.3	7,800	34.6	1.24	31.5	0.38	9.8
5/16	8.7	0.343	8.7	3,900	1,770	5,850	26.0	11,700	52.0	1.29	32.8	0.44	11.2
3/8	10.0	0.406	10.3	5,400	2,450	8,100	36.0	16,200	72.0	1.38	35.0	0.55	14.0
7/16	11.9	0.468	11.9	7,200	3,270	10,800	48.0	21,600	96.0	1.64	41.6	0.65	16.6
1/2	13.0	0.531	13.5	9,200	4,170	13,800	61.3	27,600	122.6	1.79	45.5	0.72	18.2
5/8	16.0	0.630	16.0	13,000	5,910	19,500	86.5	39,000	173.0	2.20	56.0	0.79	20.0
3/4	20.0	0.787	20.0	20,200	9,180	30,300	134.7	60,600	269.4	2.76	70.0	0.98	25.0
7/8	22.0	0.866	22.0	24,500	11,140	36,750	163.3	73,500	326.6	3.03	77.0	1.08	27.5

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