

LACLEDE CHAIN TOW/BINDER CHAIN SPECIFICATIONS



Distributed by:

- ALWAYS FOLLOW SAFETY REGULATIONS AND OBSERVE WORKING LOAD LIMITS
- HANDLE EXTENDERS (CHEATER BARS) SHOULD NEVER BE USED WITH LEVER BINDERS
- ALWAYS INSPECT CHAIN PRIOR TO USE. REMOVE CRACKED, WORN, OR ANY DEFECTIVE CHAIN FROM SERVICE
- DO NOT USE FOR OVERHEAD LIFTING

Grade 43 High Test		Minimum # of Chains Required to Secure Load in Foward Direction by Weight in LBS									
Size (inches)	Working Load Limit (lbs)	5,000	10,000	15,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000
1/4	2,600	2	4	5	7	8	10	11	13	14	16
5/16	3,900	2	3	4	5	6	7	8	9	10	11
3/8	5,400	1	2	3	3	4	5	6	6	7	8
1/2	9,200	1	1	2	2	3	3	4	4	4	5
5/8	13,000	1	1	1	2	2	2	3	3	3	4
Grade 70 Transport		Minimum # of Chains Required to Secure Load in Foward Direction by Weight in LBS									
Size (inches)	Working Load Limit (lbs)	5,000	10,000	15,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000
1/4	3,150	2	3	4	6	7	8	9	11	12	13
5/16	4,700	1	2	3	4	5	6	6	7	8	9
3/8	6,600	1	2	2	3	4	4	5	5	6	7
7/16	8,750	1	1	2	2	3	3	4	4	5	5
1/2	11,300	1	1	2	2	2	3	3	3	4	4
5/8	15,800	1	1	1	2	2	2	2	3	3	3
Grade 80 Alloy		Minimum # of Chains Required to Secure Load in Foward Direction by Weight in LBS									
Size (inches)	Working Load Limit (lbs)	5,000	10,000	15,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000
9/32	3,500	2	3	4	5	6	7	8	10	11	12
5/16	4,500	1	2	3	4	5	6	7	8	8	9
3/8	7,100	1	2	2	3	3	4	4	5	6	6
1/2	12,000	1	1	1	2	2	2	3	3	3	4
5/8	18,100	1	1	1	1	2	2	2	2	2	3
Grade 100 Alloy		Minimum # of Chains Required to Secure Load in Foward Direction by Weight in LBS									
Size (inches)	Working Load Limit (lbs)	5,000	10,000	15,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000
9/32	4,300	1	2	3	4	5	6	7	8	9	10
5/16	5,700	1	2	3	3	4	5	5	6	7	8
3/8	8,800	1	1	2	2	3	3	4	4	5	5
1/2	15,000	1	1	1	2	2	2	2	3	3	3
5/8	22,600	1	1	1	1	1	2	2	2	2	2

*Number of "Required Chains" value is calculated by $((0.8 * \text{Load Value}) / (\text{Working Load Limit}))$ and rounding up to the nearest whole number.*

CAUTION: The number of chains indicated by the tables only show the minimum required based on the load weight. They do not take into account load length, height, shape, or type. Refer to 49CFR, Parts 392 and 393 for North American Standard for Protection Against Falling and Shifting Cargo to determine how many chains should be used for your application.