

Alloy Chain Slings

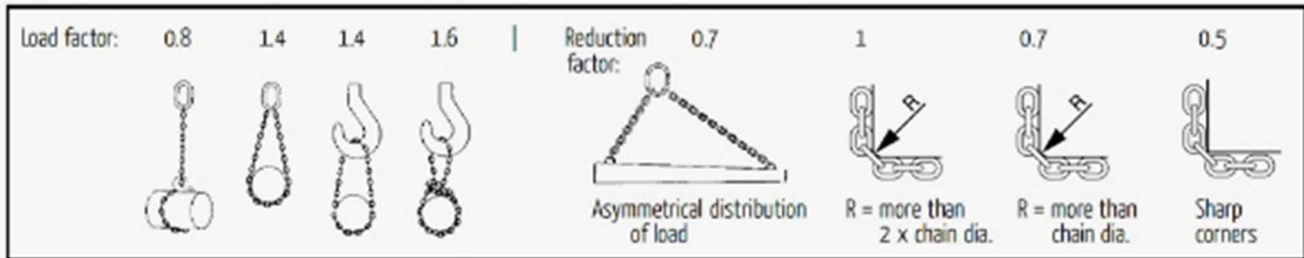


Grade 80

Chain Size (in)	Single	Double				Triple / Quad		
	90°	60°	45°	30°	60°	45°	30°	
7/32	2,100	3,600	3,000	2,100	5,500	4,400	3,200	
9/32	3,500	6,100	4,900	3,500	9,100	7,400	5,200	
3/8	7,100	12,300	10,000	7,100	18,400	15,100	10,600	
1/2	12,000	20,800	17,000	12,000	31,200	25,500	18,000	
5/8	18,100	31,300	25,600	18,100	47,000	38,400	27,100	
3/4	28,300	49,000	40,000	28,300	73,500	60,000	42,400	
7/8	34,200	59,200	48,400	34,200	88,900	72,500	51,300	
1	47,700	82,600	67,400	47,700	123,900	101,200	71,500	
1 1/4	72,300	125,200	102,200	72,300	187,800	153,400	108,400	

Grade 100

Chain Size (in)	Single	Double				Triple / Quad		
	90°	60°	45°	30°	60°	45°	30°	
7/32	2,700	4,700	3,800	2,700	7,000	5,700	4,000	
9/32	4,300	7,400	6,100	4,300	11,200	9,100	6,400	
3/8	8,800	15,200	12,400	8,800	22,900	18,700	13,200	
1/2	15,000	26,000	21,200	15,000	39,000	31,800	22,500	
5/8	22,600	39,100	32,000	22,600	58,700	47,900	33,900	
3/4	35,300	61,100	49,900	35,300	91,700	74,900	53,000	
7/8	42,700	74,000	60,400	42,700	110,900	90,600	64,000	
1	59,700	103,400	84,400	59,700	155,100	126,600	89,550	
1 1/4	90,400	156,600	127,800	90,400	234,900	191,800	135,600	



Temperature of Chain		Temporary Reduction of Rated Load at Elevated Temperature	Permanent Reduction of Rated Load After Exposure to Temperature**
(F°)	(C°)		
Below 400	Below 204	None	None
400	204	10%	None
500	260	15%	None
600	316	20%	5%
700	371	30%	10%
800	427	40%	15%
900	482	50%	20%
1000	538	60%	25%
Over 1000	Over 538	OSHA 1910.184 requires all slings exposed to temperatures over 1000° F to be removed from service.	

* Crosby does not recommend the use of Alloy Chain at temperatures above 800° F.
** When chain is used at room temperature after being heated to temperatures shown in the first column.

