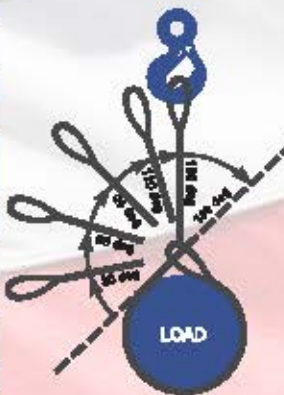
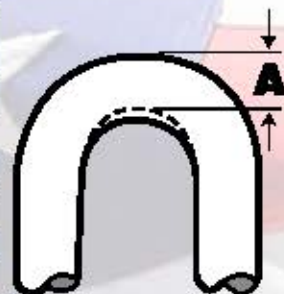


CHAIN SLING SAFETY INFORMATION

Grade 100 Heat Conditions		
Temperature exposure to chain (F)	Reduction of Working Load Limit while at Temperature	Reduction of Working Load Limit after exposure to Temperature
Below 400°	None	None
400°	15%	None
500°	25%	5%
600°	30%	15%
700°	40%	20%
800°	50%	25%
900°	60%	30%
1000°	70%	35%
Over 1000°	Remove from Service	Remove from Service

Chain Size (in)	Minimum Allowable Thickness - A (in)
7/32	0.189
9/32	0.239
3/8	0.342
1/2	0.443
5/8	0.546
3/4	0.687
7/8	0.75
1	0.887
1 1/4	1.091

Angle of Choke Degree	Rated Capacity %
Over 120	100
90-120	87
60-89	74
30-59	62
0-29	49



General Hook & Latch Guidelines Important Safety Information

- Always inspect hook & latch before using
- Never use a latch that is distorted or bent.
- Always make sure the spring will force the latch against the tip of the hook.
- Always make sure hook supports the load.
- Do not point load hooks - load should bear on the bowl of hook. The latch must NEVER support the load. (See Figure 1 & 2).
- Latches are intended to retain a loose sling or devices under slack conditions.
- Latches are not intended to be an anti-fouling device.



CHAIN SLING REMOVAL CRITERIA

Alloy Steel Chain Slings (ASME B30.9) - An alloy steel chain sling shall be removed from service if conditions such as the following are present:

1. Missing or illegible sling identification.
2. Cracks or breaks
3. Excessive wear, nicks, or gouges.
4. Stretched chain links or components
5. Bent, twisted, or deformed chain links or components.
6. Evidence of heat damage.
7. Excessive pitting or corrosion.
8. Lack of ability of chain or components to hinge (articulate) freely.
9. Weld spatter.
10. For hooks, removal criteria as stated in ASME B30.10
11. Other conditions, including visible damage, that cause doubt as to the continued use of the sling.

Weld Spatter



Excessive Wear, Nicks or Gouges



Stretched Master Link



Bent, Twisted or Deformed Hardware



GENERAL CHAIN SLING INFORMATION

Chain slings are made of grade 100 alloy steel. They have maximum abrasion and corrosion resistance. All alloy chain slings meet or exceed ASME B30.9, OSHA and NACM standards.

Chain Size (In.)	GRADE 80						
	Single Leg	Double Leg			Triple & Quad Leg		
	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

Chain Size (In.)	GRADE 100						
	Single Leg	Double Leg			Triple & Quad Leg		
	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	59,600	103,200	84,200	59,600	154,800	126,400	89,300

Chain Sling Part Number Breakdown

3/8 D O S A 10 x 8

SIZE OF CHAIN
7/32", 9/32", 3/8",
1/2", 5/8", 3/4",
7/8", 1", 1 1/4"

TOP FITTING
S, O, G

ADJUSTER STYLE (IF ANY)
A=Attached Close to Coupling Link
B=Any Chain Length Specified
(12" Chain Length is Standard)

REACH
Desired Distance
Between Bearing Points

NUMBER OF LEGS
S=Single, D=Double
T=Triple, Q=Quad

END FITTING
S, O, G, F, L, P, W

CHAIN GRADE
8=Grade 80
10=Grade 100



CHAIN SLING TYPES

Single Leg

S00



SGG



SOG



SSG



SOL



SOS



SSS



Double Leg

DOS



DOG



DOL



DOF



Triple Leg

TOS



TOG



TOL



TOF



Quad Leg

QOS



QOG



QOL



QOF



CHAIN SLING TYPES - MAGNET CHAIN SLINGS

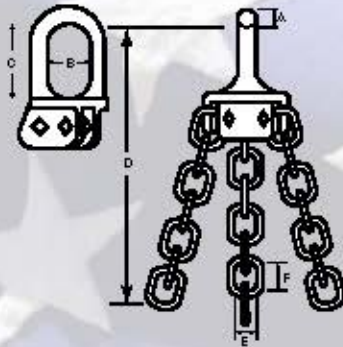
Single & Double Basket Slings



Chain Adjuster Styles

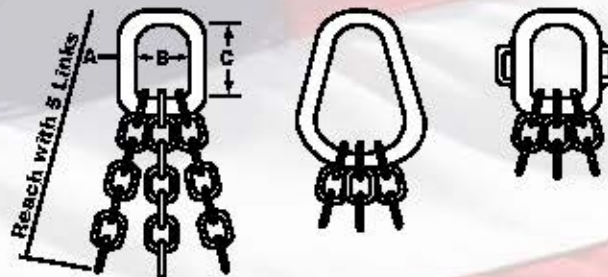


Steady Lift Magnet Chain



Part Number	Size of Chain	WLL (lbs.)	No. of Links	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	Assy. Wt. (lbs.)	Fits Magnet Diameter (in.)
537101600	1	100,000	5	2 1/4	7	12	43	3	7	235	Up to 60
537102000	1 1/4	150,000	7	2 1/2	7	12	55	3	7	375	60 and over

Standard Magnet Slings



Part Number	Size of Chain (in)	WLL (lbs.)	5 Link Reach (in.)	Master Link			End Links			Fits Magnet Diameter (in.)
				A (in)	B (in)	C (in)	A (in)	B (in)	C (in)	
537301000	5/8	47,000	30 5/8	1 3/4	6	10	7/8	2 1/4	5 1/2	Up to 40
537301200	3/4	73,500	34	2	6	10	1	2 1/2	6	Up to 45
537301400	7/8	88,900	36 7/8	2 1/4	6 1/2	11 1/2	1	2 1/2	6	Up to 48
537301600	1	123,900	40	2 1/4	6 1/2	11 1/2	1 1/4	3	7	Up to 60
537302000	1 1/4	187,800	45 1/2	2 1/2	6 1/2	12 3/4	1 1/2	3	7	60 and over



CHAIN ADJUSTER HOOKS