

## **Adjust-A-Link™ Slings**

### USE, CARE AND INSPECTION REQUIREMENTS



Upon receipt, make certain that it meets the requirements of your Purchase Order and that it has not been damaged in shipment.

**ALWAYS INSPECT SLINGS BEFORE EACH USE**

### **INSPECTION**

Remove Adjust-A-Link™ Slings from service if any of the following are visible:

- A. The rated capacity information is illegible.
- B. Knots in any part of the sling.
- C. Any evidence of heat or chemical damage, including melting or discoloration.
- D. Metal fittings or chain that is cracked, nicked, gouged, stretched, distorted, pitted, corroded, excessively worn, or has weld spatter.
- E. Hooks with throat openings increased by more than 15 percent or twisted out of plane more than 10 degrees.
- F. Latches on hooks, if provided, should hinge freely and seat properly.
- G. Chain links and attachments should hinge freely with adjacent links.
- H. Any other visible damage which causes doubt as to the sling strength.

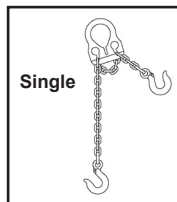
### **OPERATING PRACTICES**

- A. Slings shall not be loaded in excess of the rated capacity. Consideration shall be given to the effect of angles. (See the Lift-All Catalog)
- B. Select sling having suitable characteristics for the type of load, hitch and environment. (See Lift-All Catalog)
- C. Slings shall not be shortened by twisting, knotting or other unapproved methods.
- D. Slings shall not be lengthened by knotting, choking or basketing slings together, or by any other unapproved method. Suitable fittings must interconnect slings.
- E. Slings shall be hitched in a manner providing control of the load.
- F. When making multiple leg lifts, including basket hitch lifts, Adjust-A-Link sling legs should not be used at angles of less than a 45° from horizontal.
- G. The chain link must be seated in the bottom of the adjusting slot.
- H. Chain Slings should be protected from being damaged by corners, edges, protrusions or abrasive surfaces. (See Wear Pad section of Lift-All catalog.)
- I. Keep all portions of the human body from between the sling and the load, and from between the sling and the lifting hook.
- J. Personnel should stand clear of the suspended load.
- K. Personnel shall not ride the sling or a load suspended by a sling.
- L. Shock loading shall be avoided.
- M. Slings should not be pulled from under a load when the load is resting on them. Where practicable, use blocking to allow for easy sling removal.
- N. Loads applied to a hook should be centered in the base of the hook to prevent point loading on the hook.
- O. Before lifting, make certain that the sling, attachments, or load shall not snag. Personnel shall be continuously alert to avoid snagging or bumping.

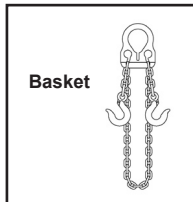
- P. Twisting shall be avoided.
- Q. In a basket hitch, proper slings must be selected to balance the load and restrict slippage in order to prevent the load from falling out of the sling.
- R. In a choker hitch, sling shall be long enough so that the choker fitting chokes onto the sling eye or body and never onto any fittings.
- S. Slings should be stored in an area where they will not be subject to chemicals, mechanical damage, moisture or extreme heat.
- T. Do not expose slings to chemicals that are not compatible with all of the sling materials. (See the Lift-All Catalog.)
- U. Slings should not be dragged on the floor or over an abrasive surface.
- V. When lifting points are below the center of gravity, loads tend to be unstable. Proper rigging must restrict load rotation to avoid tipping and loss of load control.
- W. For lifts of nonsymmetrical loads using multiple sling legs, an analysis should be performed by a qualified person to prevent the overloading of any leg.
- X. Chain and Master Control Link must both be returned to factory for repairs. Do not replace the chain with chain of a different grade, size or manufacturer.
- Y. Do not use for towing or vehicle recovery applications.
- Z. Do not use more than one chain assembly per master control link.
- AA. When using Chain Slings in a heated environment, see the following table:

Temperature of Chain	Reduction in Capacity while heated	Permanent Reduction of Capacity	Temperature of Chain	Reduction in Capacity while heated	Permanent Reduction of Capacity
< -20° F	Do Not Use	None	800° F	50%	25%
400° F	15%	None	900° F	60%	30%
500° F	25%	5%	1000° F	70%	35%
600° F	30%	15%	Over 1000° - Remove from service		
700° F	40%	20%			

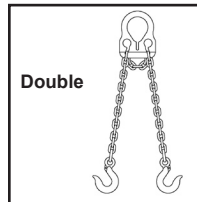
Refer to other regulations, codes and standards for more information and safe operating practices. See OSHA CFR 1910.184 Regulations, Lift-All Catalog, ANSI/ASME B30.9 Standards.



Single



Basket



Double

Working Load Limits  
For Adjust-A-Link  
Chain Slings

Chain Size in Inches	Single	Double	
	90°	60°	45°
7/32	2,700 lbs.	4,700 lbs.	3,800 lbs.
9/32	4,300 lbs.	7,400 lbs.	6,100 lbs.
3/8	8,800 lbs.	15,200 lbs.	12,400 lbs.
1/2	12,000 lbs.	20,800 lbs.	17,000 lbs.

Call for information on Sling Inspections & Safety Seminars  
Directed Toll Free (800) 909-1964  
More information about Lift-All Products is available at:  
[www.lift-all.com](http://www.lift-all.com)

