

WARNINGS AND PRECAUTIONS

All ratings shown in any Miller literature are based on the products being in a new and unused condition. When selecting a product, consideration must be given to the greatest load the product will see, therefore, shock loading must be considered in the overall system design.

All products manufactured by Miller Products are sold with the express understanding that the customer is thoroughly familiar with the safe and proper use and application of the product.

In selecting a Miller product, such factors as extreme heat or cold, excess humidity, moisture, contaminated air, etc. must be considered since these may adversely affect longevity, performance and *Working Load Limit*.

Do not immerse any standard Miller product in water. Contact the factory for assistance in selecting the special product designed to meet fresh and saltwater applications.

Lift only those loads for which the Miller product is designed. Federal crane regulations prohibit the transport of personnel on any load or wire rope attachment (OSHA 1910, 180-h-3-v).

Miller products are generally designed for applications of tension or straight pull. Side loading must be avoided since it exerts additional force which the product is not designed to accommodate.

HOOK LATCHES - All Miller products that utilize hooks are equipped at the factory with hook latches. The only function of a hook latch is to retain loose slings or devices under slack conditions, i.e. no load. They are not intended to be anti-fouling devices, so caution should be used to prevent the latch from supporting any of the load. Routine inspection of the latches must be made to ensure their proper operating conditions. Hook applications might require other hook latches. Should you have any questions regarding hook latches, contact the factory.

WHENEVER WEDGE SOCKETS ARE UTILIZED THESE TWO PRECAUTIONS MUST BE TAKEN:

1. When installing wire rope always pre-load the wedge with the wire rope in place. Then attach the end of the rope to the main line with the first clip to be located directly above the socket. It is imperative that the clips and clamps be installed precisely as specified by the manufacturers and in the number and sizes approved by the fitting manufacturers.
2. Make allowance for the crimping effect common with all types of wedge sockets. Experience shows the *Maximum Load Limit* on a line will be reduced by 20% or more with this type of fitting.

NEVER WELD ON ANY MILLER PRODUCT. Should any modification or repairs be required on any Miller product, contact the factory for information.

INSPECT AND MAINTAIN REGULARLY. All Miller products are mechanical components and are subject to wear. Worn components do not have the same *Working Load Limit* as do new components. The total responsibility for the inspection, maintenance and continued use is entirely up to the purchaser/user. Remember, visual inspection may not be sufficient and examination methods such as X-ray, ultrasonic testing, magnetic particle inspection, dielectric resistance and others, might be required to establish the present integrity of the product. Check to see that your equipment is being inspected and tested in accordance with all applicable governmental rules and regulations. Should any Miller products become worn and in need of repair, the responsibility for the actual repair work will be borne solely by the party making such repairs. It is recommended that the factory be contacted should there be any questions whatsoever relating to a repair. See Maintenance and Inspection.

INSULATING LINKS – ELECTRICAL PERFORMANCE OF INSULATING LINKS DEGRADES WHEN LINKS ARE NOT KEPT FREE OF SURFACE DIRT AND CONTAMINATION. INSULATING LINK VOLTAGE RATINGS ASSUME CLEAN AND DRY LINKS AND A DRY ENVIRONMENT. In the case of ELECTRICAL POWER LINE SAFETY use of an insulating link alone in the absence of other required measures is NOT ACCEPTABLE. OSHA power line safety requirements involving the use of cranes and derricks can be found in US federal regulation 29 CFR Part 1926, latest edition.

REMEMBER: External factors will affect the longevity of the product. There is no defined period for the useful life of any Miller product. It is the user's responsibility to maintain and check the product. Even after a short period of use circumstances may require the product to be withdrawn from service. Should any questions arise during the inspection of any Miller product that relate to its intended application or need for repair, promptly remove the product from service

PROOF LOAD – The recommended proof load on all items in this catalog is 2 times the Working Load Limit unless otherwise indicated.

SPARE PARTS - Use only new genuine Miller parts for replacement or repair.

PRODUCT LABELS – Per ANSI 535.4-1991 labels should be inspected and cleaned and safety related labels replaced when no longer legible. Contact Miller for replacements.

DIMENSIONS in this catalog are generally nominal dimensions in inches unless otherwise indicated. Where tolerance information is needed but is not indicated please contact Miller for applicable tolerances.

WEIGHTS in this catalog are generally in pounds unless otherwise indicated.