

DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY

All sales are subject to DCL's standard terms and conditions set forth in our Master Purchase Agreement located at https://dcl-usa.com/wp-content/uploads/2019/12/dcl_cust_terms.pdf. These terms describe in detail DCL's limited warranty with respect to DCL's products and will govern all sales of products and services provided by DCL.

INSPECTION NOTIFICATION

Prior to using the products displayed herein this catalog, carefully check the rated capacities to be assured that the product meets the requirements and demands of its intended application and/or use. These products, and all fittings and attachments, must be inspected for damage or defects each day before using. Such an inspection is to be made by a competent person designated by the employer in accordance to their industry standards and regulations. Should any reason for rejection be found, the product must be immediately removed from service and destroyed to avoid future use. The inspection of these products should always be documented as required by current published OSHA regulations.

Think Safety First

Always Specify



Mooring and Rigging Products & Services

Charter Member



RATED CAPACITY (RC)

This is the term used through the catalog. There are, however, other terms used in the industry which are interchangeable with the term Rated Capacity. These are: Safe Working Load (SWL), Rated Load Value, Resulting Safe Working Load, and Working Load Limit (WLL).

Never exceed the Rated Capacity.

The Rated Capacity is the maximum load which should ever be applied to a product, even when the product is new and when the load is uniformly applied - straight line pull only. Avoid side loading. All catalog ratings are based upon usual environmental conditions, and consideration must be given to unusual conditions such as extreme high or low temperatures, chemical solutions or vapors, prolonged immersion in salt water, etc. Such conditions or high-risk applications may necessitate reducing the Rated Capacity.

A product that has been welded or otherwise modified will not meet Rated Capacity.

SHOCK LOAD

The sudden movement of a load from a standing position or the swinging and snapping of a load, etc. Shock loads can also be caused by the sudden tension release of a load.

WARNING - AVOID SHOCK LOADS AS THEY CAN EXCEED THE RATED CAPACITY WITHOUT KNOWLEDGE OF OPERATOR.

TON

Where "Ton" is used in this catalog, it means a short ton or 2,000 pounds.

WARNINGS

COMMON PRACTICES

For general service, ASME standards suggest that Rated Capacity should not exceed 20% of tensile strength. For severe conditions, where impact or shock loads exist, and on applications involving extreme hazard, the Rated Capacity should not exceed 10% of tensile strength.

COMPATIBILITY

Most fittings in this catalog may be used in conjunction with other components in a load bearing system. These components should be reviewed by a licensed engineer to ensure compatibility.

INSPECTIONS

DCL recommends that all products shown in this catalog be visually inspected on a regular basis to detect or discover deep gouges, deformation, distortions, cracks, elongation, spread in the throat opening of hooks, cuts, abrasions, burns, chemical attack, worn or broken stitches, or any other work induced damage.

WARNINGS TO ALWAYS CONSIDER!

- **Never exceed RATED CAPACITY**
- **Always match components properly**
- **Always avoid SHOCK LOADING**
- **Inspect all lifting parts regularly for damage or deterioration before lifts**
- **Always avoid twisting or side loading**
- **Never use components for something they were not designed for**
- **Never position yourself or anyone else under a raised load**

Definitions and Warnings

Please read these and all warnings carefully. We want you to select the appropriate products and understand the importance of and your obligations in storing, maintaining, inspecting, using, and replacing them. Please ask us if you have questions or want additional information.

WARNING! Lifting devices (ropes, slings, rigging, etc.) must be properly specified for the nature of the intended work. Some of the factors to be considered are the intended maximum loads to be lifted, the potential for shock loading in addition to the load weight itself, and possible unfavorable operating conditions, such as extreme temperatures, exposure to chemical solutions or vapors, prolonged immersion in salt water, etc. Various components in an overall lifting system need to be correctly matched with each other. Only the specifier and the user are in the position to understand completely the full range of requirements in the actual circumstances. Qualified engineering analysis of the likely requirements over time along with appropriate safety margins is strongly recommended. **WARNING!**

WARNING! The technical data as shown by this catalog, and in particular the Rated Capacity, applies **only** to new (unused) product and assumed uniform loading and straight line vertical pull in usual environmental conditions. Normal engineering practice is to utilize an original Rated Capacity several times the expected maximum actual load. Data from this catalog should be supplemented by the professional judgment of qualified engineering personnel. Never, ever exceed the Rated Capacity of any lifting device. **WARNING!**

WARNING! Lifting devices, in particular both steel wire rope and synthetics, are subject to normal wear over time and to accelerated wear due to improper storage, inadequate maintenance, overloading, use with other improperly specified or maintained components in a lifting system (for example sheaves) and of course from outright abuse. Any of these (and other) causes can significantly alter the product's characteristics, in particular the breaking strength. We strongly recommend regular inspection of all products in this catalog during their working life. At a minimum, you should employ careful periodic visual inspection, and where applicable, scientific testing by non-destructive methods to detect work induced damage such as damaged strands in ropes, spread in the throat opening of hooks, cuts or abrasions on synthetic slings, etc. **WARNING!**
