Breaking strengths shown in this catalog are based on the minimum load a component or assembly will withstand before failing. WORKING LOAD LIMITS SHOWN IN THIS CATALOG ARE RATED AT ONE-THIRD OF THE MINIMUM BREAKING STRENGTH. Unless otherwise specified all ratings are based on a straight tensile pull. Load directions other than straight can result in a significant reduction in breaking strength.

The ratings shown in this catalog are contingent upon using Kinedyne track, beams, webbing or hardware as a system. The weakest link (sew patterns, webbing, hardware, etc.) determines the minimum breaking strength rating of the strap assembly or tie-down system. Tie-downs must be attached to securing points of equal or greater strength for break-strength rating to be maintained. NOTE: All straps shown in this catalog are intended to be used as cargo securing devices. No straps are to be used for lifting purposes.

All ratings are for products in new condition. Age, wear or damage to any tie-down system can greatly reduce its rating. All products should be inspected on a regular basis. CAUTION: Webbing straps must be protected when used on rough or sharp objects. All worn, deformed or damaged products should immediately be removed from service and replaced.

All Kinedyne products should be used in accordance with local, state, federal, and industry regulations. IT IS THE OWNER'S AND/OR USER'S RESPONSIBILITY TO EVALUATE THE SUITABILITY OF ANY CARGO SECURING PRODUCT FOR THEIR PARTICULAR APPLICATION. Failure to comply with recommended usage guidelines may result in personal injury or cargo damage.

WARNINGS

Winches & Winch/Combination Bars	**WARNING: When tightening or loosening winches, always maintain a firm grip on the winch bar. Never release a winch bar without checking the pawl to ensure that it is fully engaged between ratchet teeth. Releasing a winch bar without the pawl being properly engaged can cause serious injury to the user or bystanders. The use of a slip resistant handle winch bar, specifically designed to tighten or loosen winches, is recommended. Kinedyne winch bars (page 118) shall be used to tension and release tie-down assemblies. "Cheater Bars" ("extenders") shall not be used with the winch bars. Users shall stand clear of the winch bar handle during operation of the winch bar in case the winch bar slips. The tip of the winch bar shall be inserted through both holes in the end cap to prevent the winch bar from "slipping out" and overloading the tip and/or end cap. Winches shall not be loaded in excess of their working load limit. Winches shall not be used as pulling or lifting devices. A minimum of 12" of Webbing shall be inserted through the slot, and a minimum of two (2) wraps shall be on the winch mandrel.** **CAUTION: Excessive wraps of webbing on the mandrel will reduce the working load limit of the winch.** **PORTABLE WINCH WARNING: Set screws on portable winches are designed to position the winch while the tie-down assembly is being tightened. They shall only be snug tight. Overtightening of screws may cause the bracket to bend, weakening the winch and causing it to fail. Portable winches shall be removed and stored when not in use.**
Logistic Track	**WARNING: Welding galvanized material may form toxic fumes. Welding shall be done with adequate ventilation.**
Series E, A and Kaptive Beams®	**WARNING: Do not overload beams or create a top-heavy, unstable trailer.**
Series F Shoring Bars	**WARNING: When Series F bars are used in the vertical position, the spring end of the bar must be up to avoid bouncing out of the rack. Shoring bars shall not be used in decking applications, unless otherwise specified.**
Cargo Bars	**WARNING: Cargo bars are not intended for the use with cargo on wheels. Overtensioning of ratchet mechanism may cause damage to trailer sidewalls. NOTE: Cargo bars do not have load ratings due to varying conditions of trailer sidewalls.**
Ratchet Buckles	**WARNING: The use of cheater bars or other means of increasing the leverage on a ratchet bucket handle, other than a Kinedyne approved device, can cause serious injury to the user and/or bystanders.**