

MULTI-D TD

The Multi-D (Multi-Diameter) TD was created to be an ALL-PURPOSE, adaptive aid that meets the needs of a wide variety of activities that include both vocational and recreational challenges. It can be used for controlling long handle shovels and other garden and yard implements, hand tools like drills or other types of equipment like weed trimmers, etc. Additionally its flexible body combined with a quick release ratchet strap is ideal for rowing, kayaking, medium weight exercise dumbbells (25#-30#), deep sea fishing rod rigs and more!

The Multi-D is built standard in a flexible but strong polyurethane but TRS can build it on a custom order basis in a stiffer polyurethane material for specific applications or needs.

OPERATION:

Operating the Multi-D is easy. The “Pincher” arms of the MULTI-D are flexible so they can slip around the object and conform to various diameters and rounded surfaces. Simply slip the strap around the handle or object to be grasped, engage the ratchet strap and use the lever on the back of the buckle to tighten up on the object.

DO NOT OVERTIGHTEN THE RATCHET STRAP SYSTEM

The Multi-D body is semi-flexible and will act much like a human wrist and hand providing compliance through subtle radial and ulnar type wrist motions as well as flexion and extension. These actions improve proprioceptive feedback for control and the flexible body and pinchers actually capture, store and release energy. The release lever on the front of the buckle is pulled “UP” to release the “catch” on the buckle, allowing the ratchet strap to be pulled free under load.

TRS STRONGLY RECOMMENDS AGAINST EVER USING ANY RATCHET STRAP LOCKING SYSTEM TD OR ANY LOCKING TD WHILE OPERATING VEHICLES, ESPECIALLY MOTORIZED VEHICLES OF ANY SORT.

MAINTENANCE AND CARE:

Keep the buckle system clean of dirt and debris. If used in salt water rinse thoroughly with soap and fresh water after the activity and before storage. Inspect the system after rigorous use to look for unusual wear, etc. The buckle is rated at over 400 pounds tensile load but should not be abused. If the buckle receives an unwarranted or accidental impact be sure to inspect it and test it for capture and release function to ensure that it is operating properly. If the buckle or strap are damaged they are easily replaceable and parts are available from your prosthetist or TRS Inc.

TRS is interested in how you make use of the MULTI-D TD. If you wish to share images or video with us that we can share with others please send them to us.