

Modular Cable System (MCS) Components

ToughWare's high-performance Modular Cable System (MCS) components are designed for use with our rotary-swaged and polished stainless cable and low-friction polymer liner housing but will accept other manufacturers' 1/16" diameter cable. They are highly versatile and reusable, eliminating the need for specialty swaging tools and one-shot crimp-style cable termination fittings. These heavy-duty components install with simple tools and are ideal for field installation and service in regions where access to tools or other equipment is limited. Designed for strength and safety, the harness hanger and cable termination fittings will not corrode or degrade with exposure to fine dust, sweat, or saltwater. Our bent ball termination fitting replaces troublesome triple-swivels, connecting directly to all ToughWare terminal devices and most standard body-powered split hooks. A detachable hanger system lets the user separate their harness from the rest of their prosthesis for adjustments, repairs, and laundering. Additionally, ToughWare's new retainer and crossbar components enable clinicians to retrofit MCS components into existing prostheses to achieve even better performance and reliability.



ToughWare's MCS components used in various control setups.

Figure-of-Nine Harness (Black)

- FONH-BK** ToughWare's soft-weave webbing makes its Figure-of-Nine harness comfortable for extended use. Detachable harness hanger connects to short ball terminal (QD-DBS-SS, not included) to permit separation for cleaning, etc. Keep spares on hand!



Quick-Disconnect (QD) Detachable Harness Hanger

- MCS-QDHH** These stainless-steel harness hangers accept 1" wide harness webbing and connect to ToughWare's short ball terminal (QD-DBS-SS, not included).



Quick-Disconnect (QD) Detachable Ball Terminal—Short Version

- MCS-DBTS** Made from stainless steel for use with 9/32" diameter ball receivers and ToughWare's detachable harness hanger (QD-HH-SS, not included). Includes ToughWare's innovative strain relief to help prevent cable fatigue.



Quick-Disconnect (QD) Detachable Ball Terminal—Bent Version

- MCS-DBTB** Made from stainless steel for use with 9/32" diameter ball receivers. The "bent" neck relieves control cable bending stresses and fatigue for increased service life without the fragility of triple-swivel connectors. Includes ToughWare's strain relief to help prevent cable fatigue.



Quick-Disconnect (QD) KIT

- MCS-DBT-KIT** Complete kit includes one each: harness hanger (MCS-QDHH), detachable ball terminal short version (MCS-DBTS), and detachable ball terminal bent version (MCS-DBTB).



Rubber Grommets

- RBG-PKG** Package of six (6) rubber grommets for use on ToughWare's short and bent ball terminals.



Raw Cable & Housing

- MCS-CBL-RAW** Includes 33" section of polished and swaged 1/16" diameter stainless cable and 22" of low-friction polymer lined housing. Housing caps included. Contact ToughWare for customized lengths if needed.



Full Control Cable Set

MCS-KIT Our full Modular Cable System retrofit kit. Includes 33" section of polished and swaged 1/16" diameter stainless cable, 22" of low-friction polymer lined housing, housing caps, bent and short ball terminals with strain reliefs, harness hanger, new retrofit housing retainer, crossbar, and 3/32" and 5/64" hex keys for installation. Detailed photo-illustrated instructions included.



MCS Housing Retainer Kit

MCS-RTNR-KIT Unique retainer for anchoring ToughWare's high-performance Modular Cable System (MCS) cable housing is retrofittable to existing prostheses having Fillauer-type baseplates (baseplate NOT included.)



MCS Housing Crossbar

MCS-XBAR Unique crossbar for anchoring ToughWare's high-performance Modular Cable System (MCS) cable housing to existing crossbar tabs.



MCS Housing Crossbar Tab

MCS-XBAR-TAB Robust, non-leather conventional attachment tab for anchoring crossbars. Approximately 1-1/4" from pivot to crossbar centerline.



Cable Cutter Tool

CBL-CUTTER Professional cable cutting tool produces clean square-cut ends and does not crush or damage cable. The correct way to cut control cables to length.



