Welcome to TRS!

TRS has been helping people to rebuild their lives and perform better since we started operations in 1979. An auto accident that caused the forced amputation of my left hand, when I was twenty-two years old, and the lack of satisfactory prosthetic technology in that era, spurred the TRS mission and business formula.

Now more than thirty years later, we continue to innovate, develop, manufacture and sell prosthetic components designed to provide you with the best possible performance. We are experts in upper extremity sports and recreational prosthetic products. Additionally we now are developing and manufacturing exciting products that serve persons with other physical challenges.

We are focused on innovation, constantly experimenting with new and exciting materials and designs that help us get closer to duplicating human biomechanics to achieve improved bimanual, functional performance in a vast arena of activities.

We encourage the input of medical professionals, prosthetic consumers, students, engineers and designers into what we do.

We are receptive and accessible. We are a small responsive company. I can be your personal information resource and consultant at no cost to you other than your effort to reach out to us. The TRS staff cares about you the professional and you the individual.

Contact me! Talk to me personally or email me. I’ll try to take the time to answer your questions about rehabilitation, limb absence and prosthetic solutions.

You’re good but you probably can be better! Be better through “Body Power” and TRS’s innovative prosthetic solutions.

We’ll help you find the way.

Best regards,

Bob Radocy

President & CEO

800.279.1865
bob@trsprosthetics.com

TRS shipping is closed on the last two business days in June and December for inventory purposes. All orders received on those days will be processed after inventory is complete on the first business day in July and January.

WEB SITES/MEDIA SITES

www.trsprosthetics.com

This site illustrates most all of our products, provides technical information, training information, video clips and valuable tips, as well as literature and research resources.

View additional product videos on our YouTube channel: http://www.youtube.com/user/TRSProsthetics/videos

Product Images

TRS technology is illustrated and available for “download” directly from our main website. Select high quality images for your personal and professional presentations and download according to your needs. Permission is not required to use these images.

PRODUCT EVALUATIONS

Clinical Evaluation Program

Try our products in a clinical setting arranged by your prosthetist, therapist or doctor. This program allows you to review and evaluate product(s) under the supervision of a health professional for a limited time period. Products must be returned in “New” condition and a small fee is charged to access this program.

Field Trial Program

TRS can arrange a “field trial” under special circumstances with your prosthetic professional for specific products allowing you to take the product outside of a clinical setting for trial and evaluation. A fee is charged for this program.

In Services

Health professionals may take advantage of our clinical evaluation program as well as for In-Service presentations, lectures, etc. Call TRS to discuss your needs.

CUSTOM DESIGNS AND PROJECTS

TRS has developed and constructed a variety of custom prosthetic devices for both professionals and consumers. Each project is unique and some projects actually lead to products that can be manufactured on a limited basis. Contact us to discuss your ideas and needs.
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Infants & Children

Greek Series Infant & Pediatric Hands

Product Code: ALPHAR, ALPHAL, BETAR, BETAL, GAMMAR, GAMMAL

Features:
- Original hand patterns were “hand-sculpted” by Bob Radocy, so in essence the GREEK SERIES are small, flexible sculptures.
- ALPHA, BETA & GAMMA are all slightly different reflecting the actual developing anatomy of the child’s hand.
- Uni-sex styling and the finger nails can be “polished” for the young ladies.

Application
Age: ALPHA 4-12 months
BETA 10-24 months
GAMMA 20-36 months

Limb Length: All levels of limb absence
“L” Code: L6703

SPECIFICATIONS

Models: ALPHA R & L BETA R & L GAMMA R & L
Length: 2.2 in. (5 cm) 2.5 in. (6.4 cm) 2.75 in. (7 cm)
Width: 1.6 in. (4 cm) 1.76 in. (4.5 cm) 1.88 in. (4.8 cm)
Grasp-Opening: ~ 1.5 in. (3.8 cm) ~ 1.7 in. (4.3 cm) ~ 1.8 in. (4.6 cm)
Base Diameter: 1.3 in. (3.3 cm) 1.47 in. (3.7 cm) 1.47 in. (3.7 cm)
Weight: 1.4 oz. (40 gm)* 1.6 oz. (45 gm)* 1.7 oz. (48 gm)*
Wrist Unit: TRS Infant Wrist TRS Child Wrist TRS Child Wrist
Application: 4 - 12 months 10 - 24 months 20 - 36 months
Colors: Tan (T), medium brown (MB), or dark complexion (DK)

*Weights include the ½ inch diameter, threaded stud, that is removable.

Infant 2 Hand

Product Code: INFANT 2R, INFANT 2L

Features:
- Realistic finger and thumb features are permanently molded into the back surface of hand.
- 1/2 in. diameter threaded stud fits any USA made wrist units.
- Easily cleaned with mild household cleansers.

Application
Age: Infants aged six months to 18 months.

Limb Length: All levels of upper limb absence.
Wrist Units: TRS Infant wrist
“L” Code: L6703

SPECIFICATIONS

Models: INFANT RIGHT INFANT LEFT
Length: 2.6 in. (6.6 cm) 2.6 in. (6.6 cm)
Width: 2 in. (5 cm) 2 in. (5 cm)
Weight: 2 oz. (57 gm) 2 oz. (57 gm)
Wrist Diameter: 1.5 in. (3.8 cm) 1.5 in. (3.8 cm)
Wrist Circumference: 3.9 in. (10 cm) 3.9 in. (10 cm)
Colors: Tan (T), medium brown (MB), or dark complexion (DK)
**Infants & Children**

### L'il E-Z Infant Hand

**Product Code:** EZ INR, EZ INL  
**Features:**
- A child’s first, functional, anatomically correct, economically priced prosthetic hand.  
- L’il E-Zs have unique, self-energizing grasping mechanical components, molded inside a flexible polymer body.  
- The thumb opens easily to allow for an object to be inserted and held but resists easy object release.  
- Useful for crawling and bilateral control as well as unilateral manipulation.  
- Soft, flexible polymer fingers and hand exterior surfaces with life-like, molded anatomical features.  
- No glove is required.  

**Application:**  
- **Age:** Infants – Six months to twenty-four months old.  
- **Limb Length:** Trans-radial and trans-humeral applications.  
- **Wrist Units:** TRS Infant wrist made specifically for L’il E-Z.  

**Training:**  
TRS recommends that training with the L’il E-Z be conducted or supervised by a registered therapist with experience in upper limb prosthetics.  
Ask TRS for the most recent published research or clinical experience information available on this product.  
“L” Code: L6708

### Little Feet Wood Core and Symes Models

**Features:**
- Bolt-on "SACH" type design with unique energy dynamics.  
- **Wood Core Model:** 13 cm - 15cm models have a fiberglass keel.  
- **Symes Model:** All sizes with fiberglass keel.  
- Proprietary elastomer foot body. Flexible toes.  
- Anatomically very realistic.  
- Special, removable heel plug improves "barefoot" appearance.  
- 3 colors: Tan, medium brown and dark complexion.  

**Application:**  
- **Age:** Infants – Six months to thirty-six months.  
- **Limb Length:** Trans-tibial and trans-femoral applications.  

**“L” Code:**  
Consider L5970 and/or L5976  
Note: Specify Symes Model if required.

### SPECIFICATIONS

#### L’il E-Z Infant Hand

**Models:**  
<table>
<thead>
<tr>
<th>L’IL E-Z RIGHT</th>
<th>L’IL E-Z LEFT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length:</strong></td>
<td></td>
</tr>
<tr>
<td>2.6 in. (6.6 cm.)</td>
<td>2.6 in. (6.6 cm.)</td>
</tr>
<tr>
<td><strong>Width:</strong></td>
<td></td>
</tr>
<tr>
<td>1.8 in. (4.6 cm.)</td>
<td>1.8 in. (4.6 cm.)</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td></td>
</tr>
<tr>
<td>3 oz. (85 gm)</td>
<td>3 oz. (85 gm)</td>
</tr>
<tr>
<td><strong>Opening:</strong></td>
<td></td>
</tr>
<tr>
<td>1 – 1.5 in. (2.5 – 3.8 cm.)</td>
<td>1 – 1.5 in. (2.5 – 3.8 cm.)</td>
</tr>
<tr>
<td><strong>Wrist Diameter:</strong></td>
<td></td>
</tr>
<tr>
<td>1.3 in. (3.3 cm.)</td>
<td>1.3 in. (3.3 cm.)</td>
</tr>
<tr>
<td><strong>Wrist Circumference:</strong></td>
<td></td>
</tr>
<tr>
<td>4 in. (10.4 cm.)</td>
<td>4 in. (10.4 cm.)</td>
</tr>
</tbody>
</table>

**Color (all models):** Tan, medium brown (MB), dark complexion (DK)

*Weights include the ½ inch diameter, threaded stud, that is removable.

#### Little Feet Wood Core and Symes Models

**Features:**  
- Ideal for crawling, toddling, walking, etc.  

**Application:**  
- **Age:** Infants – Six months to thirty-six months.  
- **Limb Length:** Trans-tibial and trans-femoral applications.  

**“L” Code:**  
Consider L5970 and/or L5976  
Note: Specify Symes Model if required.

**Models:**
- **Models:** 10 CM 11 CM 12 CM 13 CM 14 CM 15 CM  
- **Right:** Little 10R Little 11R Little 12R Little 13R Little 14R Little 15R  
- **Left:** Little 10L Little 11L Little 12L Little 13L Little 14L Little 15L  

**Product Code:**
- **10 CM:** Little 10R Little 10L  
- **11 CM:** Little 11R Little 11L  
- **12 CM:** Little 12R Little 12L  
- **13 CM:** Little 13R Little 13L  
- **14 CM:** Little 14R Little 14L  
- **15 CM:** Little 15R Little 15L  

**Specifications:**  
- **Length:** 3.9 in. (10 cm.)  
- **Width:** 1.9 in. (4.7 cm.)  
- **Height:** 1.7 in. (4.2 cm.)  
- **Weight:** 3.4 oz. (96 gm.)  
- **Diameter:** Major: 1.7 in. (4.4 cm.)  
- **Minor:** 1.6 in. (4 cm.)  
- **Wood Core:** 1.25 in. (3.2 cm.)  
- **Color (all models):** Tan (T), medium brown (MB), dark complexion (DK)  
- **Mounting hole:** 5/16 inch (8 mm) diameter  
- **Mounting Hardware:** 5/16 x 2 in. bolt, M8 bolt, steel washer, and "T" nut (all models) 2 3/4 in. bolt also included w/ 12-15 cm. models
Children & Adults

Lite Touch Children’s Biomechanical Hands

Features:
- High efficiency voluntary closing (pull to close) mechanics.
- Compliant fingers and surfaces.
- Molded anatomical features.
- 1/2 in. diameter threaded stud fits any USA made wrist units.
- Accessories include ADEPT Cable Adapter.
  Sure Lok or Cable Cleat System sold separately
- Spectra® Cable Adapters and Spectra® Cable also applicable (not included; order separately).

Training:
NOTE: TRS recommends that training with LiteTouch Hands always be conducted or supervised by a registered therapist experienced in upper-limb prosthetics.

“L” Code: L6714

SPECIFICATIONS

Models: MICRO SMALL MEDIUM LARGE

<table>
<thead>
<tr>
<th></th>
<th>MICRO</th>
<th>SMALL</th>
<th>MEDIUM</th>
<th>LARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right</td>
<td>MLTR</td>
<td>LT SM</td>
<td>LT MD</td>
<td>LT LG</td>
</tr>
<tr>
<td>Left</td>
<td>MLTL</td>
<td>LT SM</td>
<td>LT MD</td>
<td>LT LG</td>
</tr>
</tbody>
</table>

Specifications:

<table>
<thead>
<tr>
<th></th>
<th>MICRO</th>
<th>SMALL</th>
<th>MEDIUM</th>
<th>LARGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>2.6 in. (6.6 cm.)</td>
<td>3.3 in. (8.3 cm.)</td>
<td>3.6 in. (9.2 cm.)</td>
<td>4.3 in. (10.8 cm.)</td>
</tr>
<tr>
<td>Width</td>
<td>1.9 in. (4.8 cm.)</td>
<td>2.3 in. (5.7 cm.)</td>
<td>2.4 in. (6 cm.)</td>
<td>2.6 in. (6.6 cm.)</td>
</tr>
<tr>
<td>Weight</td>
<td>2.6 oz. (74 gm.)</td>
<td>3.6 oz. (101 gm.)</td>
<td>5.4 oz. (153 gm.)</td>
<td>7.3 oz. (207 gm.)</td>
</tr>
<tr>
<td>Wrist Diameter</td>
<td>1.3 in. (3.3 cm.)</td>
<td>1.5 in. (3.8 cm.)</td>
<td>1.8 in. (4.4 cm.)</td>
<td>1.8 in. (4.4 cm.)</td>
</tr>
<tr>
<td>Opening</td>
<td>1.1 in. (2.8 cm.)</td>
<td>1.6 in. (4 cm.)</td>
<td>1.9 in. (4.8 cm.)</td>
<td>2.2 in. (5.6 cm.)</td>
</tr>
<tr>
<td>Wrist Circumference</td>
<td>4 in. (10.2 cm.)</td>
<td>4.7 in. (12 cm.)</td>
<td>5.5 in. (14 cm.)</td>
<td>5.5 in. (14 cm.)</td>
</tr>
</tbody>
</table>

Color (all models): Tan (T), medium brown (MB), dark complexion (DK)

Application:

Age: 2-3 yrs. 3-5 yrs. 5-9 yrs 9 - young adult

Limb Length (all models): Trans-radial as well as trans-humeral applications.

Wrist Units: TRS Infant TRS Child
Fillauer-Hosmer® CAPP® Small Nylon
Fillauer-Hosmer® Medium Round
Fillauer-Hosmer® Wedgegrip
Fillauer-Hosmer® Disconnect
Fillauer-Hosmer® Friction Disconnect

Lite Touch Adult Hand

Features:
- Smooth voluntary closing (pull to close) operation.
- Compliant polymer, fingers and surfaces.
- Molded anatomical details.
- 1/2 in. diameter threaded stud fits any USA made wrist units.
- Accessories include ADEPT Cable Adapter.
  Sure Lok or Cable Cleat System sold separately
- SPECTRA® Cable and cable components also applicable (not included). Order separately.

Training:
NOTE: Light to medium duty only. Not designed to support adult hanging weight due to the flexibility of the fingers. Not applicable to manual labor.

Wrist Units: TRS® Omega Medium and Large Oval
CAPP® Medium Nylon
Fillauer-Hosmer® Medium Round
Fillauer-Hosmer® Wedgegrip
Fillauer-Hosmer® Disconnect
Fillauer-Hosmer® Friction Disconnect

Age: Teenagers to average stature adults.

Limb Length: Trans-radial and trans-humeral applications.

“L” Code: L6709
ADEPT Prehensors

Features:
- 1/2 in. diameter threaded stud fits any USA made wrist units.
- Lightweight.
- Voluntary-closing (pull to close) cable operation.
- Active muscle use and sensory feedback.
- Accessories include ADEPT Cable Adapter. Surelok or Cable Cleat System sold separately.

Usage:
Children wearing ADEPTs are capable of gripping as hard or harder than with their natural hands. This allows them to be more competitive with peers, because they can create as little or as much gripping force as they need for an activity. They can pull themselves up, swing, climb, ride a bike,

Training:
NOTE: TRS recommends that training with ADEPTs always be conducted or supervised by a registered therapist experienced in upper-limb prosthetics.

"L” Code: L6712

SPECIFICATIONS

Models: Adept f3 Adept e4 Adept c2 Adept b1
Product Code: AD F3 AD E4 AD C2 AD B1

<table>
<thead>
<tr>
<th></th>
<th>Adept f3</th>
<th>Adept e4</th>
<th>Adept c2</th>
<th>Adept b1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>2.7 in.</td>
<td>3.2 in.</td>
<td>3.7 in.</td>
<td>4.3 in.</td>
</tr>
<tr>
<td>(6.8 cm.)</td>
<td>(8 cm.)</td>
<td>(8.9 cm.)</td>
<td>(10.8 cm.)</td>
<td></td>
</tr>
<tr>
<td>Width:</td>
<td>1 in.</td>
<td>1.1 in.</td>
<td>1.1 in.</td>
<td>1.2 in.</td>
</tr>
<tr>
<td>(2.5 cm.)</td>
<td>(2.7 cm.)</td>
<td>(2.7 cm.)</td>
<td>(3 cm.)</td>
<td></td>
</tr>
<tr>
<td>Weight:</td>
<td>1.7 oz.</td>
<td>2.3 oz.</td>
<td>3 oz.</td>
<td>4 oz.</td>
</tr>
<tr>
<td>(49 gm.)</td>
<td>(66 gm.)</td>
<td>(83 gm.)</td>
<td>(114 gm.)</td>
<td></td>
</tr>
<tr>
<td>Wrist Diameter:</td>
<td>1.1 in.</td>
<td>1.2 in.</td>
<td>1.3 in.</td>
<td>1.5 in.</td>
</tr>
<tr>
<td>(2.7 cm.)</td>
<td>(3.7 cm.)</td>
<td>(3.3 cm.)</td>
<td>(3.8 cm.)</td>
<td></td>
</tr>
<tr>
<td>Opening:</td>
<td>1.3 in.</td>
<td>1.6 in.</td>
<td>2 in.</td>
<td>2.5 in.</td>
</tr>
<tr>
<td>(3.2 cm.)</td>
<td>(4 cm.)</td>
<td>(5.1 cm.)</td>
<td>(6.3 cm.)</td>
<td></td>
</tr>
</tbody>
</table>

Color (all models): Tan (T), medium brown (MB), dark complexion (DK) Stealth black also available on some models.

Applications:

Age: 1 – 3 3 – 5 5 – 9 9 – young adult

NOTE: Age recommendations vary with stature and maturity. ADEPT B’s have been successfully used by women, who prefer a smaller, lighter duty alternative to our Grip Prehensors.

Limb Length: Trans-radial as well as trans-humeral applications.

Materials:
Aircraft grade aluminum or structural polymer support cores. Durable, high strength, stain resistant, molded polyurethane matrix composite body.

Long-life, bronze bearing system.

Wrist Units:

TRS® Infant Wrist TRS® Infant Wrist TRS® Child Wrist TRS® Omega Medium Oval
Disconnection Oval Med.
TRS® Omega Medium or Large Oval TRS Child Wrist CAPP® Round Small Fillauer-Hosmer® Wedgegrip Round Med.
Fillauer-Hosmer® Wedgegrip Oval Med.
Disconnection Round Med.
Disconnection Oval Med.
Friction Disconnection Round Med.
Friction Disconnection Oval Med.
Adults

SPECIFICATIONS

Model: GRIP 5
Product Code: GP5000

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>5.2 in. (13.2 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>1.0 in. (2.5 cm) – 1.6 in. (4.3 cm)</td>
</tr>
<tr>
<td>Wrist diameter</td>
<td>1.6 in. (4.3 cm)</td>
</tr>
<tr>
<td>Opening</td>
<td>3.06 in. (7.8 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>9 oz. (255 gm)</td>
</tr>
<tr>
<td>Age</td>
<td>11- Adult</td>
</tr>
</tbody>
</table>

GRIP 5 Evolution Prehensor

Features:
- 21st Century Graphics styling and shape.
- Lighter-weight, high performance voluntary-closing function.
- Enhanced opening 3 PLUS INCHES.
- Multiple color combinations available (Built custom to customer specifications).
- Injection molded Outer Shells in 10 COLORS: Black, Blue (Marine), Blue (Sky), Copper Metallic, Dove Grey, Pewter Metallic, Purple, Red, Silver Metallic, Yellow.
- Index finger and thumb COLORS: Black, Grey, and Brown.


Directly proportional gripping control and bio-feedback controlled by the user.

7075 AL T6 Aircraft Aluminum and Stainless Steel core construction.

1/2 inch diameter threaded stud fits all USA made wrist technologies.

Wrist Unit: TRS® Omega Large Oval.

“L” Code: L6722
**Features:**
- 1/2 in. diameter threaded stud fits any USA made wrist units.
- High strength, reliable construction, low maintenance.
- The highest efficiency of any body powered prosthetic device available.
- Range of gripping force can exceed 100 pounds. Voluntary closing design.
- Accessories include a Binary 316STD.

**Usage:**
Grip Prehensors are high performance hand replacements and sophisticated tools, capable of a wide range of prehension from delicate manipulations to maximum gripping power. Slice a tomato, peel a banana, hammer, use a wrench, weight lift, shoot a bow and more!

**Application:**
Limb length: Trans-radial and trans-humeral applications.

**Partial Hand and Flex Wrist Designs:**
TRS makes special wrist adapters for partial hand and flex wrist prostheses. See photos above.

**“L” Code:** L6722

---

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Models</th>
<th>GRIP 2SS</th>
<th>GRIP 2S</th>
<th>GRIP 3</th>
<th>GRIP 1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stainless</td>
<td>Titanium</td>
<td>Tan or Black</td>
<td>Not pictured. Not a standard model.</td>
</tr>
</tbody>
</table>

**Product Code:**
- GP 2 SSS
- GP 2 S00
- STG 300
- GP 1 000

**Length:**
- 5.6 in. (14.1 cm.)
- 5.6 in. (14.1 cm.)
- 5.7 in. (14.5 cm.)
- 6.5 in. (16.5 cm.)

**Width:**
- 0.6 in. (1.6 cm.)
- 0.6 in. (1.6 cm.)
- 0.6 in. (1.6 cm.)
- 0.5 in. (1.3 cm.)

**Wrist diameter:**
- 1.6 in. (4.1 cm.)
- 1.6 in. (4.1 cm.)
- 1.6 in. (4.1 cm.)
- 1.8 in. (4.4 cm.)

**Opening:**
- 3 in. (7.5 cm.)
- 3 in. (7.5 cm.)
- 2.8 in. (7.1 cm.)
- 2.6 in. (6.6 cm.)

**Weight:**
- 13.7 oz. (390 gm.)
- 11 oz. (312 gm.)
- 9.8 oz. (278 gm.)
- 16 oz. (451 gm.)

**Age:**
- 11 – Adult
- 11 – Adult
- 11 – Adult
- Adult only

**Materials:**
- Grip 2 and Grip 1 units are all-metal.
- Grip 2S comes standard with titanium side plates or can be ordered with heat treated stainless steel side plates. (GP 2SS).
- The stainless model has the best “wear” characteristics but weighs approximately 3 oz. more than the standard model.

**Wrist Units:**
- **TRS® Omega Large Oval, Fillauer®-Hosmer® Wedgegrip, Disconnect, Friction Disconnect, FM; Medium or Large; Round or Oval.**
- Avoid economy, rubber friction wrists if possible.

---

**Product Code:** ALPIN 3

**Features:**
- A simple, rugged, all stainless steel pin with ball detent and a 1 in. diameter finger ring to be used with modified Grip Prehensors.
- Prehensor must be modified by drilling through the outer plates with a #11 drill to accommodate this locking pin. (Instructions included.)

---

**Notes:**
- One or more locking positions are possible. Manually operated.
- Applications include weight lifting, archery, etc. Use anywhere positive, manual locking and unlocking of Grip Prehensors is desired.
- **NOTE:** TRS does not perform the modification. Grip modification voids warranty and is non-returnable.
Adults

Sure-Lok Cable Lock Control Systems
Surface Mount & Vertical Models

Products Codes:
Surface mount
VADA Left & VADA Right (Specify R or L)
Vertical Mount
VSL 2000B (Black cover)
VSL 2000S (Silver cover)

Features:
- Applicable for both V/C and V/O operating systems... improves function and versatility
- Eliminates the need to maintain continuous cable tension for control and grasping
- Reliable, MANUAL lever actuation controlling ON/OFF operation. No fail safe release

Replaces the standard cable, cable housing system and related hardware entirely
System is complete & includes high performance, PYTHON STANDARD cable
All instructions and mounting components included

Note: The Sure-Lok systems are the result of a cooperative research, development and manufacturing partnership between TRS Inc., Toughware Prosthetics and Bio-Designs, Inc.

“L” Code:
HCPCS & PDAC recommend L9900 for the Sure-Lok systems, & L6675 or L6676 for harness & L6600 or L6665 for Cable.

SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>SURFACE MOUNT</th>
<th>VERTICAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>1.4 in. (3.6 cm)</td>
<td>1.2 in. (3.048 cm.)</td>
</tr>
<tr>
<td>Width:</td>
<td>0.95 in. (2.4 cm)</td>
<td>0.44 in. (1.12 cm.)</td>
</tr>
<tr>
<td>Height:</td>
<td>0.35-0.5 in. (0.9-1.3 cm)</td>
<td>0.50 in. (1.27 cm.)</td>
</tr>
<tr>
<td>Color:</td>
<td>Both Tan &amp; Black Covers Included</td>
<td>Silver or Black (Specify) Only Cover Plate Colored</td>
</tr>
<tr>
<td>Cover Plate Length:</td>
<td>NA</td>
<td>2.3 in. (5.8 cm.)</td>
</tr>
<tr>
<td>Cover Plate Width:</td>
<td>NA</td>
<td>0.8 in. (2 cm.)</td>
</tr>
<tr>
<td>Depth below surface required:</td>
<td>NA</td>
<td>0.46 in. (1.17 cm.)</td>
</tr>
</tbody>
</table>

Surface mount
Sure-Lok Cable Lock and Control System Includes:
- Stainless base system designed to fit various arm radii.
- High strength polymer covers and switch levers in both tan and black.
- 18 in. of heavy duty cable housing, liner and TRS Python Standard Cable.
- 4 TRS Cable Housing Ferrules.
- Hardware.
- Complete instructions and DVD installation.

Vertical Mount
Sure-Lok System Includes:
- Cover plate designed to fit various arm radii.
- 18 in. of heavy duty cable housing, liner and TRS Python Standard Cable.
- 4 TRS Cable Housing Ferrules.
- Hardware.
- Complete instructions.
Sports & Recreation

Black Iron Master and Trainer

Product Code: Master: BIM, Trainer: BIT
Features:
- The Black Iron Master (BIM) was especially designed for high performance, heavy duty and professional level weight lifting and training. The Black Iron Master was used in national competition at the Arnold Classic® in 2004.
- The Black Iron Trainer is for general everyday weight lifting. It is a lighter weight, lighter duty alternative yet still is capable of handling the wide range of grip and apparatus handle diameters that are encountered in modern fitness and exercise facilities.
- The BIM is for serious weight lifters only! The BIM is designed to mechanically grasp and lock onto handles and bars to provide unparalleled security and stability for extreme weight, bench pressing, dumbbell flys, deadlifts, squatting, etc. It is also useful for adapting to a wide variety of other exercise equipment available in modern fitness facilities.
- Swinging gate clamps the bar between curved rubber saddles. The gate is manually secured in place with a large wing nut. The BIM and BIT has no quick release or other break away features once clamped in place it stays in place until manually released. Used properly it will not slip or slide on the bar.
- Black Iron Master and Trainer can be used with the following wrist units: TRS® Omega Large Oval, Wedgegrip Large Round or Oval, Disconnect Large Round or Oval, FM Disconnect Large Round

“L” Code: L 6704

Specifications

<table>
<thead>
<tr>
<th>MASTER</th>
<th>TRAINER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>3.5 in. (9 cm.)</td>
</tr>
<tr>
<td>Width:</td>
<td>2 in. (5 cm.)</td>
</tr>
<tr>
<td>Weight:</td>
<td>25 oz. (709 gm.)</td>
</tr>
<tr>
<td>Load Rating:</td>
<td>1650 lbs. (750 kg.)</td>
</tr>
<tr>
<td>Bar Diameters:</td>
<td>0.875 in. (2.2 cm.) to 1.5 in. (3.8 cm.)</td>
</tr>
<tr>
<td>Material:</td>
<td>Forged aluminum, steel hardware, polymer rubber pads.</td>
</tr>
<tr>
<td>Color:</td>
<td>Dark grey-black, hard anodized finish.</td>
</tr>
<tr>
<td>Application:</td>
<td>Right or left. Serious, heavy duty, high performance only. All around weight training and lifting.</td>
</tr>
</tbody>
</table>

Black Iron Lite

Product Code: BIL
Features:
- The BLACK IRON LITE is designed for light-weight aerobic style dumbbell exercise and light weight barbell, dumbbell and cable machine, resistance exercise and training.
- The BLACK IRON LITE is not recommended to be used with weights in excess of ten pounds!
- The BLACK IRON LITE is molded from high strength polymers and is equipped with a ratchet type lock down strap for securely capturing weights and handles.

Application:
- Right or Left. Light duty weight training and exercise
- Aerobic/dance style dumbbell exercise

Specifications

<table>
<thead>
<tr>
<th>BLACK IRON LITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
</tr>
<tr>
<td>Width:</td>
</tr>
<tr>
<td>Weight:</td>
</tr>
<tr>
<td>Load Rating:</td>
</tr>
<tr>
<td>Bar Diameters:</td>
</tr>
<tr>
<td>Material:</td>
</tr>
<tr>
<td>Colors:</td>
</tr>
</tbody>
</table>
# Sports & Recreation

## Super Sports

**Features:**
- Flexible, strong, durable polyurethane elastomers. Stainless steel and aluminum support cores.
- 1/2 in. diameter threaded stud fits any USA made wrist units.
- Passive. Not cable operated.
- The polymer flexes and extends with external pressure and absorbs shock.
- Anatomically proportioned to a "cupped" hand.

**Usage:**
SuperSports are designed to enable two-handed performance in all types of recreational and athletic activities, especially those in which player contact and collision can occur. Successful application can be expected in basketball, soccer, football, volleyball, skating, jogging, aerobics, dance, martial arts... and much more. SuperSports have also been used very successfully by parents in handling infants and playing with children.

**Application:**
Limb Length: Trans-radial and long trans-humeral limb lengths.

**"L" Code:** L6704

## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Models: Product Code:</th>
<th>SUPER SPORTS 4</th>
<th>SUPER SPORTS 3</th>
<th>SUPER SPORTS 2</th>
<th>SUPER SPORTS 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>3.3 in. (8.5 cm.)</td>
<td>4.3 in. (10.8 cm.)</td>
<td>4.8 in. (12 cm.)</td>
<td>5.5 in. (14 cm.)</td>
</tr>
<tr>
<td>Width:</td>
<td>1.9 in. (4.8 cm.)</td>
<td>2.2 in. (5.6 cm.)</td>
<td>2.6 in. (6.5 cm.)</td>
<td>3 in. (7.7 cm.)</td>
</tr>
<tr>
<td>Weight:</td>
<td>3 oz. (89 gm.)</td>
<td>5 oz (139 gm.)</td>
<td>7 oz (190 gm.)</td>
<td>12 oz (332 gm.)</td>
</tr>
<tr>
<td>Wrist diameter:</td>
<td>1.2 in. (3 cm.)</td>
<td>1.5 in. (3.8 cm.)</td>
<td>1.7 in. (4.3 cm.)</td>
<td>1.8 in. (4.6 cm.)</td>
</tr>
<tr>
<td>Age:</td>
<td>2 – 6</td>
<td>6 – 13</td>
<td>13 – Adult</td>
<td>Adult</td>
</tr>
</tbody>
</table>

Color (all models): Tan (T), medium brown (MB) or dark complexion (DK).

**Wrist Units:**
Models 3 and 4: TRS Child, CAP®, Round Small, Fillauer®-Hosmer® Wedgegrip, Disconnect Medium; Round or Oval
Models 1 and 2: TRS® Omega Medium and Large Oval, Fillauer®-Hosmer® Wedgegrip, Disconnect, Friction Disconnect, FM; Medium; Round or Oval. NOTE: Check exact diameter of TD and wrist for best match.

---

## Free - Flex

**Features:**
- Strong, flexible, polyurethane elastomer.
- Realistic anatomical features molded into back-hand surface.
- Smooth, scoop-shaped, volar (palmar) surface.
- Free-Flex devices extend, flex and absorb shock under external force then rebound to original shape using stored energy. No cable required.
- 1/2 in. diameter threaded stud fits any USA made wrist units.

**"L" Code:** L6704

## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Models: Product Code:</th>
<th>4 RIGHT</th>
<th>4 LEFT</th>
<th>3 RIGHT</th>
<th>3 LEFT</th>
<th>2 RIGHT</th>
<th>2 LEFT</th>
<th>1 RIGHT</th>
<th>1 LEFT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>3.2 in. (8 cm.)</td>
<td>4.2 in. (10.7 cm.)</td>
<td>4.8 in. (12 cm.)</td>
<td>5.5 in. (14 cm.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width:</td>
<td>2.1 in. (5.3 cm.)</td>
<td>2.6 in. (6.6 cm.)</td>
<td>2.8 in. (7 cm.)</td>
<td>3.3 in. (8.4 cm.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight:</td>
<td>3 oz. (80 gm.)</td>
<td>5 oz (139 gm.)</td>
<td>7 oz (195 gm.)</td>
<td>9 oz. (266 gm.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wrist Diameter:</td>
<td>1.5 in. (3.8 cm.)</td>
<td>1.5 in. (3.8 cm.)</td>
<td>1.7 in. (4.3 cm.)</td>
<td>1.7 in. (4.3 cm.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wrist Circumference:</td>
<td>4.7 in. (12 cm.)</td>
<td>4.7 in. (12 cm.)</td>
<td>5.3 in. (15.3 cm.)</td>
<td>5.3 in. (15.3 cm.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Color (all models): Tan (T), medium brown (MB) or dark complexion (DK)

Age: 2 – 6

Limb Length: All models trans-radial, some trans-humeral (mid- to long), patient/consumer dependent.

**Wrist Units:**
Models 3 and 4: TRS Child, CAP®, Round Small, Fillauer®-Hosmer® Wedgegrip, Disconnect Medium; Round or Oval
Models 1 and 2: TRS® Omega Medium and Large Oval, Fillauer®-Hosmer® Wedgegrip, Disconnect, Friction Disconnect, FM; Medium; Round or Oval. NOTE: Check exact diameter of TD and wrist for best match.

---

# Prosthetics Research  ■  Design  ■  Manufacturing  ■  Consulting

3090 Sterling Circle, Studio A, Boulder, Colorado USA 80301-2341
Phone: 303.444.4720  Toll Free: 800.279.1865  Fax: 303.444.5372  ■  www.trsprosthetics.com

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Patent 5,085,665
Sports & Recreation

Mill’s Rebound Pro Basketball Hand

Product Code: REBOUND

Features:
- The ReBound Basketball Hand is a unique prosthetic accessory born from the invention and efforts of the Mill’s family in Colorado. It is a versatile, flexible, safe, product for amputees wishing to use a prosthesis.
- The ReBound is constructed of a compliant polymer which is flexible but very strong. The resilient polymer material and innovative design provide excellent ball handling capability by simulating hand, wrist and finger-like control action.
- Friction discs molded onto the palmer surface of the ReBound provide additional traction for control.
- 1/2 in. diameter threaded stud fits any USA made wrist units.

“L” CODE: L6704

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>7.5 in. (19 cm.)</td>
</tr>
<tr>
<td>Width</td>
<td>7 in. (17 cm.)</td>
</tr>
<tr>
<td>Wrist Diameter</td>
<td>1.6 in. (4.1 cm.)</td>
</tr>
<tr>
<td>Wrist Circumference</td>
<td>5.1 in. (13 cm.)</td>
</tr>
<tr>
<td>Weight</td>
<td>6.5 oz. (184 gm.)</td>
</tr>
<tr>
<td>Color</td>
<td>Tan</td>
</tr>
<tr>
<td>Age</td>
<td>10+ up</td>
</tr>
</tbody>
</table>

HP Hoopster

Product Codes: HOOPSTER

The HP HOOPSTER was conceived and designed by elite, bi-lateral, amputee athlete Hector Picard. TRS refined Hector’s original model, under his guidance, to make it more versatile to meet the needs of a broader audience.

Features:
- A stiff but flexible dual surface “hoop”, which captures the circumference of a basketball perfectly. Dorsal and ventral (palmer) ball control surfaces.
- Provides surfaces to dribble and expertly handle the ball on the court surface then simultaneously flip the ball up for shots.
- Built in palmer or volar “heel” to help capture and stabilize the ball quickly for greater accuracy.
- High performance, polymer construction, with standard, stainless mounting hardware.
- Pre- positional, lockable, wrist angle mechanism optimizes the terminal device’s wrist “extension” angle, to suit the user’s specific needs and functional capability.

Applications:
- Age: Teenager / Adult
- Limb Length: Trans-radial and trans-humer-al applications

“L” Code: L6704

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>8.75 in. (22.2 cm.)</td>
</tr>
<tr>
<td>Diameter</td>
<td>7.625 in. (19.4 cm.)</td>
</tr>
<tr>
<td>Thickness</td>
<td>Hoop .75 in. (1.9 cm.) Wrist (Heel) 1.75 in. (4.4 cm.)</td>
</tr>
<tr>
<td>Weight</td>
<td>~ 6.0 oz. (170 gm.)</td>
</tr>
<tr>
<td>Material</td>
<td>High performance polyurethane polymer</td>
</tr>
<tr>
<td>Color</td>
<td>Stealth Black &amp; Satin Stainless</td>
</tr>
</tbody>
</table>
BARRAGE Volley Ball TD

Product Code: BARRAGE

Features:
- Unique design and surfaces to enhance volleyball specific competition.
- Conforms to anatomy and proportions of a human hand with extended fingers.
- Resilient and flexible to mimic various hand actions and “feel”.

"L" Code: L6704

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>5.1 in. (12.9 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>5.3 in. (13.4 cm)</td>
</tr>
<tr>
<td>Thickness</td>
<td>Varies but ~ .50 in. (1.3 cm)</td>
</tr>
<tr>
<td>Material</td>
<td>Proprietary, high performance, flexible polyurethane</td>
</tr>
<tr>
<td>Color</td>
<td>Black (Other colors may be available custom for a surcharge)</td>
</tr>
<tr>
<td>Weight</td>
<td>8.5 oz (241 gm)</td>
</tr>
</tbody>
</table>

TRS Golf Systems | Golf Pro Systems

Product Code: GOLF PRO R, GOLF PRO L

Application:
- **Golf Pro** models slip over club shaft and then slide up to jam onto the grip.
- Internal plastic sizing rings can be enlarged to custom fit the user’s clubs.
- Uniform club grips are recommended.
- 1/2 in. diameter threaded stud fits any USA made wrist units.
- **Golf Pros** provide for a fluid backswing and downswing with excellent control and are easy to use.

"L" Code: L6704

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>GOLF PRO RIGHT</th>
<th>GOLF PRO LEFT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replaces lower hand on club grip.</td>
<td>Replaces upper hand on club grip.</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>6.75 in. (17 cm.)</td>
<td>5 in. (13 cm.)</td>
</tr>
<tr>
<td>Weight</td>
<td>8 oz. (227 gm.)</td>
<td>7.5 oz. (213 gm.)</td>
</tr>
</tbody>
</table>

TRS Eagle & Eagle - Flex Golf TDs | Call For Details

Features:
- Both models utilize a flexible polymer body that is slotted to receive the club shaft and then is pulled up onto the club’s grip. The flexible channel adapts to a wide variety of grip styles, tapers and sizes.

The **Eagle** is a solid one piece molded design to capture and store external energy, while the **Eagle Flex** sports a replaceable, steel braid reinforced, flexible coupling for ultimate durability. TRS recommends the **Eagle Flex** for more advanced and aggressive golfers, while the **Eagle** is recommended for recreational golfers.

Applications:
- Right or left hand uni-lateral absence.
- Replaces upper hand on club grip.
- Requires minimal second hand assistance to engage **Eagle** to club grip.

"L" Code: L6704

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model &amp; Product Code:</th>
<th>EAGLE</th>
<th>EAGLE FLEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>6.25 in. (15.9 cm)</td>
<td>7 in. (18cm)</td>
</tr>
<tr>
<td>Grip Channel Length</td>
<td>4.75 in. (12 cm)</td>
<td>4.25 in. (11cm)</td>
</tr>
<tr>
<td>Width</td>
<td>1.5 in. (3.8 cm)</td>
<td>1.5 in. (3.8cm)</td>
</tr>
<tr>
<td>Height</td>
<td>3.5 in. (8.9 cm)</td>
<td>2.5 in. (6.4cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>6 oz. (170 gm)</td>
<td>8.0 oz. (227gm)</td>
</tr>
<tr>
<td>Color</td>
<td>Stealth Black</td>
<td>Stealth Black</td>
</tr>
<tr>
<td>Materials</td>
<td>Polyurethane and stainless steel</td>
<td></td>
</tr>
</tbody>
</table>
Sports & Recreation

Swinger TD

Product Code: SWINGER
What kid does not want to climb and swing? Finally a well designed and engineered, reliable hanging and swinging TD for pull up exercise, swinging and high bar and parallel bar gymnastics.

The SWINGER was developed over nine months of design and field testing resulting in a versatile gymnastics grade, swing hook capable of 360 degree performance, mounts and dismounts. The TD has an aircraft, aluminum, reinforcing core that provides exceptional strength and it is encased in molded, abrasion resistant polyurethane rubber. Sized for the uneven parallel bars the SWINGER has a design optimized for “Approach, Capture and Release” of the bar. A “Stance Saddle” provides “above the bar” forearm stability and support.

Go to the link below to view a video of the SWINGER in use!
http://www.youtube.com/watch?v=pMQL7HOdivg

Features:
- Designed for children and adults. Tested to 300 pounds load.
- Nine months in development and field-testing.
- Unique “offset” swing hook center and pivot design.
- Natural bar “Approach”, “Capture” and “Swing control” elements.
- Stance “saddle” for above bar support.
- 360 swing performance capability.
- Optimized “Grasp Aperture” for bar Capture and Release capability.
- High strength, stress analyzed, aircraft aluminum (7075 AL6) alloy core.
- Molded, abrasion resistant, polyurethane rubber, exterior surface.

“L” Code: L6704

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>SWINGER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>SHROOM</td>
</tr>
<tr>
<td>Diameter</td>
<td>3.5 in. (8.9 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>2 in. (5 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>5.5 oz. (156 gm)</td>
</tr>
<tr>
<td>Color</td>
<td>Black (other colors maybe available custom for a surcharge)</td>
</tr>
<tr>
<td>Mounting</td>
<td>1/2 inch diameter, threaded stud.</td>
</tr>
<tr>
<td>Age</td>
<td>Wide variability call to discuss application</td>
</tr>
</tbody>
</table>

Shroom Tumblers

Product Code: SHROOM and MINI SHROOM

Features:
- Unique mushroom shaped accessory for floor exercise and tumbling.
- Flexible, high strength, synthetic polymer rubber.
- Supports weight up to two hundred pounds.
- Omni-directional flexibility for cart wheels, flips and hand stands.
- Progressively cushions impact and allows for easy “roll-over”.
- Proportioned to duplicate the surface area of the palm and fingers.

Applications:
Children 7 – 8 years and older, all adults. Primarily trans-radial conditions.

“L” Code: L6704

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>SHROOM TUMBLER</th>
<th>MINI SHROOM TUMBLER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>SHROOM TUMBLER</td>
<td>MINI SHROOM TUMBLER</td>
</tr>
<tr>
<td>Diameter</td>
<td>3.5 in. (8.9 cm)</td>
<td>2.7 in. (6.9 cm)</td>
</tr>
<tr>
<td>Height</td>
<td>2 in. (5 cm)</td>
<td>1.6 in. (4.1 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>5.5 oz. (156 gm)</td>
<td>3 oz. (85 gm)</td>
</tr>
<tr>
<td>Color</td>
<td>Black (other colors maybe available custom for a surcharge)</td>
<td></td>
</tr>
<tr>
<td>Mounting</td>
<td>1/2 inch diameter, threaded stud.</td>
<td></td>
</tr>
<tr>
<td>Age</td>
<td>Wide variability call to discuss application</td>
<td></td>
</tr>
</tbody>
</table>
### Cobra Baseball & Softball Throwing TD’s

**Patent Pending US 13/572,503**  
**Product Code:** COBRA, COBRASB11, COBRASB12

**Features:**
- Models for baseball (hardball), slow and fast pitch softballs.
- Models for softballs with both 11 inch and 12 inch circumferences.
- Each model design is universal right or left.
- TRS energy capture and release polymer technology.
- Fully adjustable for ball release and throwing angles.
- Optimizes control, trajectory & speed.
- Duplicates instinctive throwing style/skills and can throw hard and accurately.
- COBRA has achieved 50+ MPH fastballs.
- COBRA has achieved accurate throws to 30 yards +.
- COBRAs come with a ball that should stay installed in the unit at all times.

**“L” Code:** L6704

<table>
<thead>
<tr>
<th>Models</th>
<th>COBRA</th>
<th>COBRASB11</th>
<th>COBRASB12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>~7.0 in. (18 cm)</td>
<td>~7.5 in. (19 cm)</td>
<td>~8.0 in. (20.3 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>~3.5 in. (9 cm)</td>
<td>~4.0 in. (10.2 cm)</td>
<td>~4.3 in. (11 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>8 oz. (227 gm)</td>
<td>9.5 oz. (270 gm)</td>
<td>10.5 oz. (298 gm)</td>
</tr>
<tr>
<td>Color</td>
<td>All Models Stealth Black</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Hi-Fly Fielder

**Product Code:** HFF PSR  
**Features:**
- Flexible mesh pocket allows for catching either forehanded or backhanded, eliminating the need for forearm rotation.
- Hi-Fly Fielder pocket will handle both baseballs and softballs.
- 1/2 in. diameter threaded stud fits any USA made wrist units.
- Rotates with adjustable friction to accommodate varying field situations.
- Padded leading edge.
- Lightweight and strong.

**“L” Code:** L6704

<table>
<thead>
<tr>
<th>Models: HI-FLY FIELDER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>12.75 in. (32 cm.)</td>
</tr>
<tr>
<td>Width (max.)</td>
<td>7.5 in. (19 cm.)</td>
</tr>
<tr>
<td>Thickness</td>
<td>1.8 in. (4.5 cm.)</td>
</tr>
<tr>
<td>Weight</td>
<td>11 oz. (314 gm.)</td>
</tr>
<tr>
<td>Color</td>
<td>Black w/black trim</td>
</tr>
<tr>
<td>Age</td>
<td>Youth/Adult</td>
</tr>
<tr>
<td>Materials</td>
<td>Structural nylon, rubber, stainless steel, braided mesh.</td>
</tr>
</tbody>
</table>

---

**Sports & Recreation**

**Prosthetics Research  Design  Manufacturing  Consulting**  
3090 Sterling Circle, Studio A, Boulder, Colorado USA 80301-2341  
Phone: 303.444.4720  Toll Free: 800.279.1865  Fax: 303.444.5372  www.trsprosthetics.com
TRS Pinch Hitter Bat Adapters

**Product Codes:** PINCHHITTER, PINCHHITTER HD, PINCHHITTER FLEX

- 3 Models: Pinch Hitter, Pinch Hitter Heavy Duty, Pinch Hitter Flex
- The Pinch Hitter was designed for “Little League” age kids or persons with smaller hand proportions, who wish to swing a bat using the function and power of both arms.
- The Pinch Hitter Heavy Duty is designed for adults and large, older kids who need more performance.
- The Pinch Hitter Flex is designed for adults and those who play a lot of baseball and or softball and want the convenience of a replaceable Flexible Coupling and or who need a longer adapter.

- The Pinch Hitters are constructed of high performance, strong, flexible synthetic rubber and they snap on and off aluminum bat handles for safety. They all need to be “over-gripped” with the second hand for security when swinging a bat. They can be used either right or left handed but perform best on the leading hand and arm.
- The Pinch Hitters not only transfer body power and energy but can store and release energy. This feature helps improve and control bat swing, improve swing speed and increase ball hitting distances.
- The Pinch Hitters will screw into standard prosthetic wrists or disconnect style wrist adapters.

**Application:**
- PINCH HITTER: Kids and Little Leaguers
- PINCH HITTER HD: Adults, young adults and older children
- PINCH HITTER FLEX: Adults planning on a lot of aggressive use.

**“L” Code:** L6704

---

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>PINCH HITTER</th>
<th>PINCH HITTER HD</th>
<th>PINCH HITTER FLEX</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length:</strong> 4.5 in. (11 cm)</td>
<td>5.0 in. (13 cm)</td>
<td>6.5 in. (16.5 cm)</td>
</tr>
<tr>
<td><strong>Width:</strong> 1.5 in. (3.8 cm)</td>
<td>1.5 in. (3.8 cm)</td>
<td>1.5 in. (3.8 cm)</td>
</tr>
<tr>
<td><strong>Weight:</strong> 4 oz. (114 gm)</td>
<td>5 oz. (142 gm)</td>
<td>8 oz. (227 gm)</td>
</tr>
<tr>
<td><strong>Color:</strong> All models Matte Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Material:</strong> All models TRS proprietary flexible polymer rubber</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

Grand Slam TD

**Product Code:** GRAND SLAM TD

**Features:**
- **Grand Slam TDs** provide for powerful, smooth, two-handed swings. Releases bat easily. Baseball and softball.
- Flexible polyurethane body securely captures bat handles
- Force on and pry off design for standard one-inch diameter bat handles
- “Over-grip” with sound hand is required
- Flexible, replaceable coupling provides for powerful swings
- Replicates the bio-mechanics needed for safe, controlled bat swinging

**Applications:**
- **Age:** Teenagers and adults.
- **Limb Length:** Primarily designed for unilateral, trans-radial hand absence. Certain applications for long trans-humeral.
- **Wrist Units:** Any wrist which accepts a standard ½ in. diameter threaded fitting.

**“L” Code:** L6704

---

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>GRAND SLAM TD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length:</strong> 6.0 in. (15.2 cm)</td>
</tr>
<tr>
<td><strong>Height:</strong> 5 in. (11.4 cm)</td>
</tr>
<tr>
<td><strong>Thickness:</strong> 1.5 in. (3.8 cm)</td>
</tr>
<tr>
<td><strong>Weight:</strong> 8.5 Oz. (241 gm)</td>
</tr>
</tbody>
</table>
**Ski 2**

<table>
<thead>
<tr>
<th>Product Code:</th>
<th>SKI 2 TD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Features:</strong></td>
<td>The <strong>Ski Device</strong> can be used passively without a cable or with a cable for quick, precision pole plants.</td>
</tr>
<tr>
<td>    </td>
<td>Especially useful for Nordic skiing where upper body power is required for propulsion and in alpine mogul skiing.</td>
</tr>
<tr>
<td>    </td>
<td>Recreational skiers will find the device very helpful for maintaining general balance and body posture, which are important for safe and proper ski control.</td>
</tr>
<tr>
<td>    </td>
<td>1/2 in. diameter threaded stud fits any USA made wrist units.</td>
</tr>
<tr>
<td><strong>SPECIFICATIONS</strong></td>
<td></td>
</tr>
<tr>
<td>Length:</td>
<td>Novice/Intermediate: 3.3 in. (8.4 cm)</td>
</tr>
<tr>
<td>Width:</td>
<td>Novice/Intermediate: 1.5 in. (3.8 cm)</td>
</tr>
<tr>
<td>Weight:</td>
<td>Novice/Intermediate: 10.5 oz. (298 gm)</td>
</tr>
<tr>
<td>Materials:</td>
<td>Aluminum, stainless steel, rubber, plastic.</td>
</tr>
</tbody>
</table>

**DOWNHILL RACER SKI TD**

**Pediatric and Adult models**

<table>
<thead>
<tr>
<th>Product Codes:</th>
<th>SKIRACER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Archery Features:</strong></td>
<td></td>
</tr>
<tr>
<td>    </td>
<td>“Snap-In” and “Pop-Out” pole action for safety and convenience.</td>
</tr>
<tr>
<td>    </td>
<td>Pre-Flexed pole angle for snow clearance.</td>
</tr>
<tr>
<td>    </td>
<td>Solid, FLEXIBLE, high performance polyurethane construction.</td>
</tr>
<tr>
<td>    </td>
<td>Designed to fit 5/8 inch. (~1.6 cm) diameter poles but modifiable for other equipment.</td>
</tr>
<tr>
<td>    </td>
<td>Applicable to “Alpine” (downhill) and “Nordic” (cross-country) skiing.</td>
</tr>
<tr>
<td>    </td>
<td>Applicable to mountaineering and hiking-climbing poles/sticks.</td>
</tr>
<tr>
<td>    </td>
<td>Multiple flexibilities available to meet specific age, weight and performance criteria.</td>
</tr>
<tr>
<td>    </td>
<td>Rubber “Press-on” pole cap for protection</td>
</tr>
<tr>
<td><strong>SPECIFICATIONS</strong></td>
<td></td>
</tr>
<tr>
<td>Length:</td>
<td>3.3 in. (8.4 cm)</td>
</tr>
<tr>
<td>Width:</td>
<td>2.5 in. (6.4 cm)</td>
</tr>
<tr>
<td>Thickness:</td>
<td>1.3 in. (3.3 cm)</td>
</tr>
<tr>
<td>Weight:</td>
<td>4 oz. (114 gm)</td>
</tr>
<tr>
<td>Color:</td>
<td>Black (other colors may be available custom for a surcharge)</td>
</tr>
</tbody>
</table>

**Audrey**

The Downhill Racer was developed over three years with the help of Audrey and her family. Audrey is a young aspiring “downhill racer” from the state of Wisconsin. *“Go Audrey!”*
Power Play Hockey

Product Code: POWER PLAY

Features:
- The Power Play is a high performance prosthetic device for playing ice hockey. The Power Play is designed to securely, slide-fit down over the last five inches of the hockey stick for "top of the stick" handling control.
- The safe, all polymer construction is available in two stiffness models.
- The Power Play provides for quick, agile stick and puck control and powerful shots. The energy storing design performs much like the human forearm and wrist. The Power Play flexes and rebounds for shots and will bend away under load to prevent injury during a fall or while being "checked into" the boards.
- The Power Play can easily be modified to provide the exact level of flexibility and power that the individual player demands making it extremely versatile.

"L" Code: L6704

SPECIFICATIONS

| Overall length: 9 in. (23 cm.) |
| Effective length: 4 in. (10 cm.) Length it adds to prosthesis before stick attachment. |
| Weight: 11.5 oz. (326 gm.) |
| Color: Black |
| Applications: Trans-radial and long trans-humeral |
| Fittings: US Standard 1/2 inch diameter threaded mounting stud. |

Slap Shot Hockey TD

Product Code: HOCKEY D, HOCKEY C

Features:
- The Slap Shot Hockey prosthetic devices offer versatility in handedness and style of play
- One model will be preferred over the other based upon the player’s hand dominance and stick handling style.
- Request either the ES End Stick (donut) or SS Shaft Stick (clip-on) model.
- 1/2 in. diameter threaded stud fits any USA made wrist units.

Applications:
- Age: 8 yrs. – adult.
- Limb length: Trans-radial, mid to long trans-humeral.

"L" Code: L6704

SPECIFICATIONS

| Product Code: Models: |
| HOCKEY D SLAP SHOT END STICK (ES) | HOCKEY C SLAP SHOT SHAFT STICK (SS) |
| Length: 5.3 in. (13 cm.) | 5.3 in. (13 cm.) |
| Weight: 8 oz. (227 gm.) | 8 oz. (227 gm.) |
| Color: Black |
| Materials: Polyurethane, stainless steel, aluminum, rubber. |
**Helix**

**Product Code:** HELIX L, HELIX R

**Features:**
- Amazing! Flexible, “DNA” HELIX Coils for control
- Weave – In, “Snap – In” and Snap-Out connection system
- Incredible flexible-strength and external energy capture and return action
- Flexible Helix Coils accept a wide range of diameters and shapes

- Replicates the motion and “feels like” a real human hand and forearm.

**Application:**
- The Helix is a “TRUE” Cross-Over, Vocation-Al-Avocational TD. Perfect for all long handle instrument and tools, rakes, shovels, garden implements, as well as sports activities like Lacrosse, ice and street hockey, field hockey, Cricket... Innumerable uses!

**“L” Code: L6704**

**Patent #: D 835,787**

---

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>Helix Right</th>
<th>Helix Left</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code:</td>
<td>Helix R</td>
<td>Helix L</td>
</tr>
<tr>
<td>Length:</td>
<td>4.4 in. (11 cm)</td>
<td>4.4 in. (11 cm)</td>
</tr>
<tr>
<td>Width (Flexible OD):</td>
<td>2.2 in. (5.6 cm)</td>
<td>2.2 in. (5.6 cm)</td>
</tr>
<tr>
<td>Shaft (Flexible ID):</td>
<td>1.2 in. (3 cm)</td>
<td>1.2 in. (3 cm)</td>
</tr>
<tr>
<td>Base Unit Diameter:</td>
<td>1.4 in. (3.6 cm)</td>
<td>1.4 in. (3.6 cm)</td>
</tr>
<tr>
<td>Weight:</td>
<td>5.0 oz. (142 gm)</td>
<td>5.0 oz. (142 gm)</td>
</tr>
<tr>
<td>Color:</td>
<td>Stealth Black. Alternate Colors: Extra charge</td>
<td></td>
</tr>
</tbody>
</table>
Sports & Recreation

Hammerhead

Product Code: KAYAK

Features:
- Improved design provides more natural “wrist action.”
- Energy storing, wrap around, flexible strap coupling:
- Positively and safely secures paddle handle.
- Releases manually and quickly.
- Duplicates the bio-mechanical wrist action required for performance kayaking.
- Aggressive, non-marring, friction surfaces for high torque paddle control.
- Mounts on any standard prosthesis or accepts any USA Standard disconnect adapter.

- Strong and reliable!
- Synthetic polymer construction with stainless hardware.
- Other Applications: Canoeing and rowing water sports applications possible with handle modifications.

“L” Code: L6704

SPECIFICATIONS

| Length: | 4.3 in. (11 cm.) |
| Width:  | 2.7 in. (7 cm.)  |
| Weight: | 12 oz. (340 gm.) |
| Color:  | Black           |

Product Code: LAMPREY

Features:
- Designed to fit most sporting firearms including bolt action, lever action and semi-automatic rifles and carbines, over and under, side by side, pump and semi-automatic style shotguns as well as military M-16’s and their variations.
- Flexible polymer “yoke” conforms securely to various stock surfaces without marring the gun. Yoke snaps onto forearm (fore-end) of stock and can be pulled back tightening up for precise control. Yoke does not interfere with aiming or barrel’s sight window.
- Lockable ball and socket allows for firing from a variety of positions and a pivoting platform provides for smooth gun rotation.
- Perfect for target and competitive bench shooting, “trap” and sporting clays, small and big game hunting and upland game pursuits.
- Equipped with standard 1/2 in. diameter threaded prosthetic mounting stud.

“L” Code: L6704

SPECIFICATIONS

| Materials: | Stainless steel, aluminum and polyurethane polymer construction. |
| Weight:     | 15.5 oz. (440 gm.) |
| Color:      | Black             |
**CRITERIUM BICYCLE HANDLEBAR ADAPTERS**

**CRITERIUM**  ■  **CRITERIUM WEDGE**  ■  **CRITERIUM PIVOT**  ■  **KIDDO CRITERIUM PIVOT**

**Product Codes:**
- CRITERIUM 70 or 85
- CRITERIUM WEDGE 70 or 85
- CRITERIUM PIVOT 85
- KIDDO SOFT
- KIDDO FIRM

**Features:**
- All models except Pivot available in either of two hardness 70 & 85
- All models snap/pull ON and OFF 1” diameter bicycle handlebars
- Criterium is the original, simplest version, easy on and off.
- Wedge version allows for more angulation on the handlebars yet is still simple one piece polymer construction.
- Pivot version is two piece allowing for much greater angulation and arm torque with adjustable friction pivot mechanism, higher performance and more difficult to release from the bars.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Models</th>
<th>CRITERIUM</th>
<th>WEDGE</th>
<th>PIVOT</th>
<th>KIDDO SOFT</th>
<th>KIDDO FIRM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>3.375 in. (8.6 cm.)</td>
<td>3.2 in. (8.1 cm.)</td>
<td>4.0 in. (10.2 cm)</td>
<td>2.9 in. (7.4 cm)</td>
<td>2.9 in. (7.4 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>2.5 in. (6.4 cm.)</td>
<td>2.4 in. (6.1 cm.)</td>
<td>2.5 in. (6.4 cm)</td>
<td>2.4 in. (6.1 cm)</td>
<td>2.4 in. (6.1 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>6.5 oz. (184 gm.)</td>
<td>5.5 oz. (156 gm.)</td>
<td>7.5 oz. (213 gm.)</td>
<td>6 oz. (170 gm.)</td>
<td>6 oz. (170 gm.)</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
<td>Black</td>
<td>Black/Satin</td>
<td>Black/Satin</td>
<td>Black/Satin</td>
</tr>
</tbody>
</table>

**Kiddo** comes in two versions “Soft” and “Firm” and is designed for children as young as three years old. Older children use the Firm version. Both are compact in length and have a built-in wrist pivot for greater versatility and control.

70 references the hardness or “Durometer” of the material. The 70 model is softer, more flexible and forgiving than the 85 model.

Handlebars can be taped with various materials to change the friction and force required to engage and disengage the Criteriums.

- All models fit right or left and equipped with ½ inch diameter threaded stainless steel coupler.
- Offset centerline duplicates normal palm grasping position for improved biomechanics.
- 70 Durometer Material
  - Children/adolescents and smaller proportioned adults and less aggressive riders will prefer the 70 models. Release loads approximately 15-20 pounds.*
- 85 Durometer Material
  - Average to larger adults or more aggressive riders. Requires more effort to engage and disengage from the handlebars. Release loads approximately 40-45 pounds.*

*Release loads were measured using the standard Criterium and one inch diameter smooth, bare metal handlebars without any tape covering. The load applied was a straight pulling force. No torque was applied. Tape, foam or fabric coverings will increase the amount of force and torque required to snap on or off the handlebars.

**‘L’ Code:** L6704

**Dual Bike Brake Lever**

**Product Code:** DPDBBMU

**Features:**
- One handed activation operates both front and rear brakes.
- BMX style lever.
- Mounts on right or left side of handlebars.
- Fits 7/8 in. diameter (Standard diameter) mountain bike handle bars
- Single lever operates two cables.
- Cables are independently adjustable for tension.
- Compact lever and brake design.

**Application:**
- Persons missing a limb or with only single arm/hand function.
- All Adults. Children old enough to ride a mountain bike independently (7-8 years and older)

*To ensure safety, TRS recommends that the Dual Bike Brake Lever be installed and adjusted by a qualified bicycle technician.

**DON’T FORGET TO ALWAYS WEAR A HELMET!**

---

**Prosthetics Research ■ Design ■ Manufacturing ■ Consulting**

3090 STERLING CIRCLE, STUDIO A, BOULDER, COLORADO USA 80301-2341
PHONE: 303.444.4720 TOLL FREE: 800.279.1865 FAX: 303.444.5372 ■ www.trsprosthetics.com
**Product Codes: ISHI, ISHI HD**

"ISHI" was the name of the last known Native American Indian, living alone in the wilds of northern California, discovered in the early 1900’s.

**Archery Features:**
- Compliant, strong, polyurethane “yoke” design that conforms to all types of bow handles.
- Bow “centers” or “nests” in the non-marring cradle of the ISHI.
- Adjustable ratchet strap and buckle system retains the bow without inducing torque.
- ISHI handles bows with weights to 45 lbs., ISHI HD to 70 lbs. plus.

**Fishing Features:**
- Compliant design with ratchet system adjusts to fishing rod handles.
- Right or left hand reeling.
- Flexible, strong polyurethane material “Ulnar flexes-deviates” similar to sound wrist.
- Use ISHI for lighter duty fresh water fishing. ISHI HD for heavier duty fresh water fishing and all salt water fishing.

**Applications:**
- ISHI operates either Right or Left.
- ISHI for Archery; 5 -10 years old, Bows to 40lbs max. For Fishing; lighter fresh water fishing gear, for all ages.
- ISHI HD for Archery; Youth and adults, bows from 40 - 70lbs plus. For Fishing; medium to heavier fresh water fishing gear and all salt water fishing.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>Length: 3.5 in. (9 cm)</th>
<th>Width: 3.1 in. (7.9 cm)</th>
<th>Thickness: 1.25 in. (3.1 cm)</th>
<th>Weight: 6 oz. (170 gm)</th>
<th>Color: Stealth Black</th>
</tr>
</thead>
</table>

**“L” Code: L6704**

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**Product Code: MULTI-D**

**Features:**
- Strong, quick release, one inch wide, ratchet and buckle system.
- Adjustable diameters from 1-1/8 inches to 1-3/4 inches (plus) wide.
- High strength, flexible and resilient body, replicates wrist and forearm biomechanics.
- Excellent “rocker” action allows for wide angles of control.
- Kayaking, Rowing, Long handle Tool Control, Shovels, Rakes, Axes, Hatchets, String Trimmers.
- Equipped with standard 1/2 in. diameter threaded prosthetic mounting connector.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>Length: 3.8 in. (9.7 cm.)</th>
<th>Width: 2.0 in. (5.1 cm.)</th>
<th>Weight: 9.6 oz. (272 gm.)</th>
<th>Adjustable Diameters: 1.125 in. (2.86 cm.) - 1.750 in. (4.5 cm) (+) “plus”</th>
<th>Color: Black, other colors available by request may be additional charge</th>
</tr>
</thead>
</table>

**“L” Code: L6704**
Product Code: **GUITAR PA**  
**Features:**  
- Picks not included.  
- Applies to most all upper limb conditions.  
- Passive (no cable required).  
- TRS has developed a simple, highly adjustable, prosthetic, guitar pick adapter. The **Guitar Pick Adapter** is constructed so as to be mounted close to the distal end of the prosthesis. Can also be mounted directly to a roll-on locking liner. Call for more info.  
- The **Guitar Pick Adapter** will readily accept any pick. The pick is securely held in place with set screws. The **Adapter** has a lockable ball and socket component allowing for the pick to be adjusted to any suitable playing position.  

**SPECIFICATIONS**  
- Weight: 3 oz. (85 gm.)  
- Color: Black and aluminum.

**Guitar Pick Adapter**

Product Code: **VIOLIN 2**  
**Application:**  
Violin bow not included.  

**Features:**  
- Violin 2 more advanced model. Bow pivots easily duplicating natural wrist action and control.  
- Most all upper limb conditions.  
- 1/2 in. diameter threaded stud fits any USA made wrist units.  
- Passive, no cable required.  
- The TRS prosthetic **Violin Bow Adapter 2** uses a lockable ball and socket component modified to readily screw into any standard prosthesis. The **Adapter** can be adjusted to any angle to help ensure optimal playing position and technique.  
- The bow is held firmly in place with set screws.  

**SPECIFICATIONS**  
- Weight: 4.5 oz. (128 gm.)  
- Color: Black only.

**Violin Bow Adapter 2**

Product Code: **DRUM SA**  
**Application:**  
Drumsticks not included.  

**Features:**  
- The **Drum Stick Adapter** provides a unique design, which allows the stick to not only pivot but pivot under an adjustable tension load. This feature enables the drummer to create spontaneous “drum rolls” and other drumming techniques.  
- Drumstick and adapter require simple modification. TRS sends complete instructions.  
- The drum stick is held firmly in place with a set screw.  
- 1/2 in. diameter threaded stud fits any USA made wrist units.  
- Passive. No cable required.  
- NOTE: This product cannot be returned for credit or reimbursement if modified.

**SPECIFICATIONS**  
- Weight: Approximately 5 oz. (142 gm.)  
- Color: White plastic/black aluminum.

**Drum Stick Adapter**
Kahuna TD

Product Code: KAHUNA
Features:
- Surf-Swim TD
- Specially designed for ocean surfing
- Constructed of an unbreakable, high strength, polymer with a concave “palm” to allow for rigorous paddling and rail control but with flexibility for safety.
- Unique “heel” design at its base, that replicates human anatomy, provides a platform for “pushing up and off the board”.
- Aggressive texture on all the surfaces enhances board control.
- Standard, stainless steel, threaded stud, mounting system.

“L” Code: L6704

SPECIFICATIONS
- Length: 6.25 in. (15.9 cm)
- Width: 4.75 in. (12.1 cm)
- Depth: 2.5 in. (6.4 cm)
- Weight: 8.1 oz. (230 gm)
- Color: Black (other colors maybe available custom for a surcharge.)

Freestyle Swimming Device

Product Code: FSTSD 2
Features:
- Acceptable for competition swimming in high school.
- Folding wing design reduces resistance during stroke recovery but flares open to provide maximum resistance during power stroke.
- Rotates on prosthesis to create various swimming stroke options.
- Passive, no cable required.
- 1/2 in. diameter threaded stud fits any USA made wrist units.

Notes:
- The Freestyle Swimming Device can best be used with a custom shortened swimming prosthesis and a silicone sleeve suspension.
- Mount the Freestyle Device as proximally as the limb length allows.
- The device is sold in an adult size but can easily be modified to match smaller hand proportions.

“L” Code: L6704

SPECIFICATIONS
- Length: 6 in. (15 cm.)
- Width: 5.5 in. (14 cm.)
- Thickness: 0.63 in. (1.6 cm.)
- Weight: 3.4 oz. (96 gm.)
- Color: White
- Materials: Polypropylene, aluminum and stainless steel hardware.

Swim Fin Kit

Product Code: SFK100
Features:
- The Swim Fin Kit provides almost all of the advantages of the Freestyle Swim Device without the need for a prosthesis.
- The kit comes complete with fabrication layouts and directions. Estimated fabrication time is two hours. TRS recommends fabrication by a prosthetic technician.

Applications:
- Trans-radial
- Adolescent to adult.

“L” Code: L6704

Note: Product uses Latex®

SPECIFICATIONS
- Length, width and weight will vary depending upon patient.
- Thickness: 0.7 in. (1.8 cm.)
- Color: White
- Materials: Polyethylene, foam sheet, latextubing, stainless hardware.
### Amp-U-Pod

**Product Code:** DPAMPO  
**Applications:**  
- Fits all cameras with standard \( \frac{1}{4} \) - 20 hole fitting.  
- Supports the camera on a lockable tripod mount, which facilitates photographing at a variety of angles and aids in changing film without the camera having to leave the security of the prosthesis.

**Features:**  
- Specifically designed for martial arts, wrestling, sparring, grappling, contact sports and floor exercise type activities.  
- A soft to medium hardness shock absorbing, flexible polymer.  
- Excels in punching, chopping and grappling.  
- Uniquely shaped surfaces duplicate fist-like anatomy and provide high traction.  
- Cylindrical, shock absorbing cavity and all-polymer construction.  
- Incredible punching power and cushioned protection for the arm.

**“L” Code:** L6704

**SPECIFICATIONS**  
- **Length:** 3.7 in. \((9.4 \text{ cm})\)  
- **Width:** 2.9 in. \((7.4 \text{ cm})\)  
- **Height:** 4.3 in. \((11 \text{ cm})\)  
- **Weight:** 10.5 oz. \((298 \text{ gm})\)  
- **Color:** Stealth Black  
- **Materials:** Polyurethane and stainless steel threaded mounting stud.

### Hustler TD

**Product Code:** HUSTLR  
**Features:**  
- The Hustler TD is a versatile, lightweight prosthetic aid for playing pool, billiards, snooker and similar table games.  
- \( \frac{1}{2} \) in. diameter threaded stud fits any USA made wrist units.  
- Easily adjusted for all shot angles.  
- Rigid, rubber tipped monopod creates a non-slip bridge, while the swivel ring guides the stick almost friction free.

**“L” Code:** L6704

**SPECIFICATIONS**  
- **Length:** 5.25 in. \((13 \text{ cm})\)  
- **Weight:** 4.5 oz. \((128 \text{ gm})\)  
- **Color:** Aluminum/black/white  
- **Materials:** Nylon, neoprene, aluminum, steel.

### Rocky Mountain High Skip Ropes

**Product Code:** JUMPROPE, JRADAPTOR  
**Application:**  
- Young adults age eight and older through adult.  
- Right or left absence.  
- Bi-lateral custom sets can be made. (Inquire.)

**“L” Code:** L6704

**SPECIFICATIONS**  
- **Length:** 5.25 in. \((13 \text{ cm})\)  
- **Weight:** 4.5 oz. \((128 \text{ gm})\)  
- **Color:** Aluminum/black/white  
- **Materials:** Nylon, neoprene, aluminum, steel.

### TRS Dragon TD

**Product Code:** DRAGON  
**Features:**  
- Specifically designed for martial arts, wrestling, sparring, grappling, contact sports and floor exercise type activities.  
- A soft to medium hardness shock absorbing, flexible polymer.  
- Excels in punching, chopping and grappling.  
- Uniquely shaped surfaces duplicate fist-like anatomy and provide high traction.  
- Cylindrical, shock absorbing cavity and all-polymer construction.  
- Incredible punching power and cushioned protection for the arm.

**“L” Code:** L6704

**SPECIFICATIONS**  
- **Length:** 3.7 in. \((9.4 \text{ cm})\)  
- **Width:** 2.9 in. \((7.4 \text{ cm})\)  
- **Height:** 4.3 in. \((11 \text{ cm})\)  
- **Weight:** 10.5 oz. \((298 \text{ gm})\)  
- **Color:** Stealth Black  
- **Materials:** Polyurethane and stainless steel threaded mounting stud.

---

**Sports & Recreation**

**Prosthetics Research ▪ Design ▪ Manufacturing ▪ Consulting**

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PHONE: 303.444.4720  TOLL FREE: 800.279.1865  FAX: 303.444.5372  
www.trsprosthetics.com
Mountain Master Mountain Bike TD

**Product Code:** MTNMMASTER

**Features:**
- Flexible, strong polyurethane body, shock absorbing design.
- Stainless steel ball-pedestal mount with machined aluminum mounting hub.
- Fits all standard 7/8 inch diam. (~22 mm) bars.
- Snap-On and lift-Off function.
- Rider controlled quick connect and release system (TD is not locked to handlebars).
- Excellent stability and secure control over the handlebars.
- Passive contoured features provide bike frame carrying capability.

**“L” Code:** L6704

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Length</th>
<th>4.2 in. (10.7 cm.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>2.4 in. (6.1 cm.)</td>
</tr>
<tr>
<td>Height</td>
<td>3.3 in. (8.4 cm.)</td>
</tr>
<tr>
<td>Weight</td>
<td>9.5 oz. (270 gm.)</td>
</tr>
<tr>
<td>Color</td>
<td>Black (other colors may be available custom for a surcharge)</td>
</tr>
</tbody>
</table>

Ener-Joint

**Product Code:** ENER-JOINT

**Elbow Design Module**
- Elastomeric progressive resistance energy storing and release elbow with infinite locking positions, endoskeletal design.

**Features:**
- 4 “flex module” models
- Compact and self-contained designed to be mounted to mimic the center of the anatomical elbow
- Energy absorbing, isolation module, polyurethane core isolates external shock forces under both flexion and extension
- Infinite variety of pre-positionable, lockable angular orientations. Consistent, non-adjustable, fixed flexible resistance.
- Rapid, reliable, bicycle style hub “quick release” locking, lever mechanism.
- Capable of performing activities including rugged mountain biking, snowmobiling, ATV riding, off road motorcycle riding, rowing, kayaking etc.
- Hi-Tech "Android" Robotic appearance
- ENER-JOINT equipped with ½ inch diameter x 20 TPI fittings on both ends. Other custom thread sizes are possible. Please Inquire.

**Applications:**
- ENER-JOINT is designed for adult grade rugged activities and loads but is applicable to active young adults.

**L Code:**
- New Technology, TBD *Recommend Miscellaneous code with language. “Elastomeric progressive resistance energy storing and release elbow with infinite locking positions, endoskeletal design.”

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Models</th>
<th>Soft, Medium Soft, Medium, Firm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder Diameter</td>
<td>3.0 in. (7.6 cm)</td>
</tr>
<tr>
<td>Cylinder Width</td>
<td>1.5 in. (3.8 cm)</td>
</tr>
<tr>
<td>Module Overall Length</td>
<td>3.8 in. (9.7 cm)</td>
</tr>
<tr>
<td>Module Overall Width</td>
<td>3.9 in. (9.9 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>19 oz. (540 gm)</td>
</tr>
<tr>
<td>Color</td>
<td>Stainless and black aluminum</td>
</tr>
</tbody>
</table>

Old Prototype Shown
Sports & Recreation

Product Code: **RAPTOR**

Features:
- A solid titanium plate support body and stainless steel wrist adapter system
- Friction adjustable “rocking” action “Hook” adapts to various approach angles
- 3 replaceable, “recyclable” tips (2 Polyurethane (85 & 95) and one “shapeable” brass)
- Cloaked with easily replaceable, high traction “O” ring sheathing
- Universal handedness

Tip Kit Codes:
- Kit A86 (AL & 85 Polyurethane) Part # RAP010
- Kit A95 (AL & 95 Polyurethane) Part # RAP011
- Kit B (Brass) Part # RAP012
- "O" Ring Kit Part # RAP013

**L Code:** L6704

The Raptor Sky Hook is the first commercially available prosthetic terminal device for both indoor and outdoor rock climbing recreations. The Raptor was designed with input and field testing by Jon Sedor, a nationally recognized, one-handed climber. Slim and strong with multiple functional features including:

Extra tips may be ordered separately in quantity. Tips may be recyclable. If structural base materials in the tips are not damaged credit may be issued for tips returned, at TRS discretion. See info above for ordering extra tip kits.

**SPECIFICATIONS**

- **Length:** 3.4 in. (8.6 cm)
- **Width:** 3.7 in. (9.4 cm)
- **Thickness:** .63 In. (1.6 cm)
- **Height:** 4.5 in. (11.4 cm)
- **Weight:** 6 oz. (170 gm)

**WARNING!** Technical rock and gym climbing are very dangerous activities that can result in severe injury or death. Always climb with protection. TRS accepts NO LIABILITY for the use of the RAPTOR SKY HOOK. Using the Raptor may result in severe injury or death!

---

**ELDORADO Z-AXIS CLIMBING FOOT**

Product Codes: **ELDO-Z**

Features:
- Revolutionary, compact design (no right or left).
- Designed with the invaluable input of Malcolm Daly (pictured left), Paradox Sports® and Evolv Sports®.
- Superior control, loading, leverage and proprioception.
- High strength keel for stability and control.
- Compliant polymer foot matrix provides “feel” under load.
- Complete with rugged, custom Evolv Sports® TRAX-XT5 sticky, climbing shoe rubber.

**Eldorado Z-Axis** comes complete with titanium pyramid adapter and appropriate hardware pre-installed to manufacturer’s specifications. Simply attach to any lower extremity, endo-skeletal prosthesis designed to receive a standard pyramid adapter.

**Construction / Materials:**
- **Foot:** High performance, light-weight core and reinforced keel system encased in matrix of high strength polymers. Titanium pyramid adapter installed with hardware to mfg. specifications. Foot pre-installed in shoe.
- **Shoe:** Tough, high strength, abrasion resistant materials. High traction “sticky rubber” sole, toe and heel, typical of high performance rock climbing footwear.

**Application:** Unilateral and bilateral trans-tibial and certain transfemoral climbers. Suggested climber weight: 300 pounds (136 kg.) (max.).

**“L” Code:** TBD

**SPECIFICATIONS**

- **Length:** 7.25 in. (18.4 cm.)
- **Width:** 2.8 in. (7.1 cm.)
- **Height:** 3.75 in. (9.5 cm.)
- **Height:** 4.5 in. (11.4 cm.)
- **Weight:** 25 oz. (709 gm.)

**Foot Color:** TRS tan

**Shoe Color:** Combination of blue/black/grey/white.

**Shoe Style:** Evolv® TRAX-XT5 (Laced), High traction toe, sole and heel.

TRAPTOR SKY HOOK - Rock and Gym Climbing TD

---

Craig DeMartino: Paradox Sports Team

Malcolm Daly
Paradox Sports Team

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PHONE: 303.444.4720 Toll Free: 800.279.1865 FAX: 303.444.5372 ■ www.trsprosthetics.com
TRSA Wrist Technology

OMEGA FRICTION-DISCONNECT WRIST TECHNOLOGY

Product Code: OMEGA R OMEGA L, OMEGA RB, OMEGA LB, OMEGA M, OMEGA MB

Features
- Superior body powered wrist technology, designed by prosthetic users for prosthetic users.
- Totally machined from surgical stainless steel and aircraft aluminum.
- “Tool-less” adjustable, rotational friction control
- 12 locking positions
- Lock-In, Lock-Out and Lock-Open disconnect features
- Easy to insert, precision-fit, OMEGA disconnect insert
- Simple, reliable, OMEGA disconnect, insert capture technology
- Rock solid “fit” and significantly stronger than all other competition
- Standard laminating ring fabrication

L Code:
L6615 (Wrist)
L6616 (Inserts)

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Round Large</th>
<th>Oval Large</th>
<th>Oval Medium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Aluminum Satin</td>
<td>Black</td>
<td>Aluminum Satin</td>
</tr>
<tr>
<td>Major OD:</td>
<td>2.04 in. (5.18 cm)</td>
<td>2.4 in. (6 cm)</td>
<td>2.0 in. (5 cm)</td>
</tr>
<tr>
<td>Minor OD:</td>
<td>N/A</td>
<td>1.7 in. (4.5 cm)</td>
<td>1.5 in. (3.8 cm)</td>
</tr>
<tr>
<td>Total Height with Laminating Ring</td>
<td>1.03 in. (2.62 cm)</td>
<td>1.0 in. (2.5 cm)</td>
<td>1.0 in. (2.5 cm)</td>
</tr>
<tr>
<td>Height Face Plate (Only):</td>
<td>.32 in. (.8 cm)</td>
<td>.32 in. (.8 cm)</td>
<td>.32 in. (.8 cm)</td>
</tr>
<tr>
<td>Weight:</td>
<td>3.6 oz, 103.1 g</td>
<td>3.9 oz, 111.2 g</td>
<td>3.2 oz, 89.4 g</td>
</tr>
</tbody>
</table>

Black Available (Round & Oval)

OM003 Omega Disconnect Inserts

OM005 For Use With Split Hooks
## Alternative Wrist Technology

**TRS Nylon Components**

### TRS Nylon Wrists

<table>
<thead>
<tr>
<th>MODEL:</th>
<th>STYLE</th>
<th>SIZE</th>
<th>PRODUCT CODE</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infant</td>
<td>Round</td>
<td>Very Small</td>
<td>INFANTWRIST</td>
<td>1.25 in. D. (3.2 cm. D.)</td>
</tr>
<tr>
<td>Child</td>
<td>Round</td>
<td>Small</td>
<td>TRS CHILDWRIST</td>
<td>1.5 in. D. (3.8 cm. D.)</td>
</tr>
</tbody>
</table>

### Fillauer®-Hosmer® Nylon Capp®

#### MODEL: CAPP®

<table>
<thead>
<tr>
<th>STYLE</th>
<th>SIZE</th>
<th>PRODUCT CODE</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round</td>
<td>Small</td>
<td>WH 55108</td>
<td>1.5 in. D. (3.8 cm. D.)</td>
</tr>
<tr>
<td>Round</td>
<td>Medium</td>
<td>WH 55109</td>
<td>1.75 in. D. (4.4 cm. D.)</td>
</tr>
</tbody>
</table>

### Fillauer®-Hosmer® Wrists

#### MODEL: Wedgegrip

<table>
<thead>
<tr>
<th>STYLE</th>
<th>SIZE</th>
<th>PRODUCT CODE</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round</td>
<td>Large</td>
<td>WH 61897</td>
<td>2 in. D. (5 cm. D.)</td>
</tr>
<tr>
<td>Round</td>
<td>Medium</td>
<td>WH 62351</td>
<td>1.75 in. D. (4.4 cm. D.)</td>
</tr>
<tr>
<td>Oval</td>
<td>Large</td>
<td>WH 61970</td>
<td>2.25 in. x 1.6 in.</td>
</tr>
<tr>
<td>Oval</td>
<td>Medium</td>
<td>WH 62354</td>
<td>2 in. x 1.55 in.</td>
</tr>
</tbody>
</table>

#### MODEL: Disconnect

<table>
<thead>
<tr>
<th>STYLE</th>
<th>SIZE</th>
<th>PRODUCT CODE</th>
<th>SPECIFICATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Round</td>
<td>Large</td>
<td>WH 61862</td>
<td>2 in. D. (5 cm. D.)</td>
</tr>
<tr>
<td>Round</td>
<td>Medium</td>
<td>WH 62342</td>
<td>1.75 in. D. (4.4 cm. D.)</td>
</tr>
<tr>
<td>Oval</td>
<td>Large</td>
<td>WH 61922</td>
<td>2.25 in. x 1.6 in.</td>
</tr>
<tr>
<td>Oval</td>
<td>Medium</td>
<td>WH 62343</td>
<td>(5.7 cm. x 4.1 cm.)</td>
</tr>
</tbody>
</table>

**TRS Improved Insert**

- **FM Disconnect**
  - Round | Large | WH 58297 | WH 51052 | 2 in. D. (5 cm. D.)

- **Friction/Disconnect**
  - Round | Large | WH 58152 | 2 in. D. (5 cm. D.)
  - Round | Medium | WH 58151 | 1.75 in. D. (4.4 cm. D.)
  - Oval  | Large  | WH 58150 | 2.25 in. x 1.63 in.
  - **Insert** | | WH 58153 | (5.7 cm. x 4.1 cm. D.)

- **Flexion**
  - Round | Large | WH 51100 | 2 in. D. (5 cm. D.)
  - Round | Medium | WH 51084 | 1.75 in. D. (4.4 cm. D.)

---

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Phone: 303.444.4720 Toll Free: 800.279.1865 Fax: 303.444.5372 ■ www.trsprosthetics.com
ELF-Straps

**Product Codes**: ELFTAN/ELFBLACK

The ELF Cross Bar and Cable Control Strap eliminates forever your need to fabricate cross bar straps. These straps were developed with over a year of rigorous field testing. The ELF Strap is designed to enhance cable excursion control by providing a platform and cable housing, “tunnel” guide to maximize cable excursion around the elbow. Now elbow flexion can be added to the arsenal of gleno-humeral flexion and bi-lateral scapular abduction movements to help generate the cable forces needed to operate body powered prosthetic devices like GRIP Prehensors and V/O Split Hooks.

**Features:**
- Waterproof polyurethane material retains flexibility and strength for better cable performance and efficiency.
- Cable tunnel guide enhances cable excursion around the elbow dramatically improving performance and increasing operational efficiency.
- Capable of being used with both Heavy Duty and Standard size cable housing. Special tubing is enclosed as an accessory that is used to increase the O.D. of Standard Size Cross bars so that they fit the ELF system.
- Unbreakable. ELF STRAPS survived over ONE MILLION cycles of "ninety degree flexion/extension testing.
- Extra long to fit prosthesis with lower trim lines.
- Easily modified for length and mounting. Material cuts, drills and finishes professionally.
- Accessory kit includes mounting hardware and complete Installation Instructions.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Length</th>
<th>Width</th>
<th>Max. Width</th>
<th>Thickness</th>
<th>Max. Thickness (@ Cross Bar)</th>
<th>Colors</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELFTAN/ELFBLACK</td>
<td>6.5 in. (16.5 cm)</td>
<td>.75 in. (1.9 cm)</td>
<td>.96 in. (2.4 cm)</td>
<td>.125 in. (3.2 cm)</td>
<td>.50 in. (1.3 cm)</td>
<td>TRS Tan &amp; TRS Stealth Black</td>
<td>Under .5 oz. (14 gm)</td>
</tr>
</tbody>
</table>

**Features**
- ARM SKINZ are not designed for manual labor or rough, abrasive hobby environments. They are 100% waterproof.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Length</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>AXL150</td>
<td>17 in. (43 cm)</td>
<td>Approximately .060 in. (.15 cm)</td>
</tr>
</tbody>
</table>

**Arm Skinz**

Adult and pediatric models.

**Product Codes**: ARM SKINZ/ADULT, ARM SKINZ/PEDIATRIC

TRS ARM SKINZ were developed especially to provide an improved cosmetic covering and surface texture alternative to hard, glossy prostheses for body powered and passive systems.

**Features**
- Silicone material throughout in healthy, complimentary, skin tone, tan color.
- Stain resistant and waterproof. Easily cleaned.
- Custom colors available by special order at extra cost.
- Extra long tapered cones in two models fit a wide variety of prostheses.
- Excellent elasticity.
- Install easily similar to donning regular cosmetic glove technology.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Length</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>AXL150</td>
<td>17 in. (43 cm)</td>
<td>Approximately .060 in. (.15 cm)</td>
</tr>
</tbody>
</table>

**Neo-Axilla Loop Padding**

**Product Code**: AXL150, AXLBULK

**Features**
- Lightweight, never bulky.
- Washable.
- Soft tan color, nylon outside (skinside).
- Velcro compatible inside surface attaches to hook Velcro stitched to web along axilla area. Wrap around, peel off design.
- Won’t chafe. Never sticky. Won’t turn yellow.
- The best axilla loop material available.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Size</th>
<th>Roll Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>AXL150</td>
<td>2-5/16 in wide</td>
<td>12 ft roll</td>
</tr>
<tr>
<td>AXLBULK</td>
<td>21 in wide</td>
<td>10 ft roll</td>
</tr>
</tbody>
</table>

**AXL150** designed to wrap around 1 in. wide web.

**AXLBULK** Customer can cut and size to meet their specific padding applications for either prosthetics or orthotics.
**Accessories**

**Cutaneous ANCHOR Technology by Single Handed Solutions**

**Product Codes:** T-R ANCHOR, T-H ANCHOR

**Cutaneous Anchor Technology** was invented by Debi Latour, a career Registered Occupational Therapist specializing in pediatric prosthetic rehabilitation. Debi has a congenital trans-radial deficiency and has worn a prosthesis most all of her life.

The innovative ANCHOR system uses a special adhesive tape and re-useable mounting plate anchors to control a body powered cable and TD. The system eliminates the contra-lateral harness entirely for improved comfort and improved appearance.

The ANCHOR provides an excellent alternative to traditional harness systems. Users enjoy the additional flexibility and the absence of web harnesses that can interfere with clothing including sleeves, bra suspension straps, etc. Lower cut and sleeveless clothing can now be more of an option for the user.

Patient’s typically resisting harnesses can be more accepting of this prosthetic actuation system. The ANCHOR is wearable and functional for multiple days at a time without removal. The technology is also useful to anchor linear transducers or in tandem hybrid technology (external power-coupled with body-powered).

**Features:**
- Trans-Radial (T-R) and Trans-Humeral (T-H) Kit systems
- Harness-less operation of body-powered prostheses
- Multiple day wearing performance
- Ipsio-Lateral cable/TD control
- Skin friendly, high traction, adhesive mounting technology
- Complete instructions and guidance
- Special technical support and product application guidance*

**L Codes:** L6655, L6675, L6676, L7499

*Contact Debi Latour at: LatourAnchor@gmail.com

---

**Anchor Companion Strap**

**Product Code:** C-STRAP W (for white webbing)
C-STRAP B (for black webbing)

**Features:**
- 1 inch wide Dacron webbing, approximately 20 inches long
- Includes TRS Rapid Adjust Buckle (black)
- Interfaces with Anchor using Fillauer nylon suspension clip
- White or Black webbing (only black buckle)

---

**PRO-Poly Web (Tape) Harness Material**

**Product Code:** AWEB (Specify Color)

**Features:**
- **Pro-Poly Web** Harness material is softer, smoother in texture and more comfortable to wear than standard dacron web tape.

**SPECIFICATIONS**
- 1 in. or 3/4 in. widths available.
- **Length:** 50 ft. roll.
- **Colors:** 1 in.: White, tan, royal blue, red, black.
  3/4 in.: White and black.
- Additional colors, minimum order 50 yds. Inquire as to availability

---

**Rapid Adjust Buckles**

**Product Code:** ARAB 1K, ARAB 34K

**Features:**
- Low profile, strong.
- Buckle uses clamp action for securing web.
- Locks positively into place anywhere on web.
- One hand operation.
- Replaces any three or four bar buckles and most “belt” or “latch” type buckles used in orthotic braces.
- Excellent for upper extremity prosthetic harnesses to rapidly adjust cable excursion.

**Models:**
- 1” blk, 3/4” blk

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Phone: 303.444.4720 Toll Free: 800.279.1865 Fax: 303.444.5372 ■ www.trsprosthetics.com
**Accessories**

**BAHA**

**Product Code:** Baha, Baha Pediatric, Bio-Mechanically Aligned Harness Anchor

**Features:**
- Improves the biomechanics by optimizing the harness axilla angle and creating a more efficient cable control pathway!
- An advancement in body powered harness design!
- Replaces the Figure 8 harness ring(s).
- High strength and lightweight.
- Flexible & comfortable ... conforms to the spine.
- Modifiable to accommodate most axilla harness angles.
- Standard fabrication techniques.

**Applications:**
- Baha Pediatric model: Children; young adults.
- Baha model: Adults.
- Any figure 8 harness configuration.

**“L” Code:**
- Sub-component, L6675 Single control harness, L6676 Dual control harness.
- The Baha was conceived and designed by Bob Radocy. The Baha is an evolution of the VADR (Vertically Arrayed Dual Ring Harness), as described by Randy Alley, CP., FAAP.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>MODELS:</th>
<th>ADULT</th>
<th>PEDIATRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>3.9 in. (9.9 cm.)</td>
<td>2.9 in. (7.4 cm.)</td>
</tr>
<tr>
<td>Width:</td>
<td>2.7 in. (6.9 cm.)</td>
<td>2.0 in. (5.0 cm.)</td>
</tr>
<tr>
<td>Thickness:</td>
<td>0.125 in. (0.3 cm.)</td>
<td>0.125 in. (0.3 cm.)</td>
</tr>
<tr>
<td>Weight:</td>
<td>1/2 oz. (14 gm.)</td>
<td>1/3 oz. (9.5 gm.)</td>
</tr>
<tr>
<td>Color:</td>
<td>TRS Tan or Black</td>
<td>TRS Tan</td>
</tr>
</tbody>
</table>

**Binary Swivels**

**Product Codes:**
- Binary316STD
- Binary316HD
- Binary932STD
- Binary932HD

**Models:**
- 3/16 STANDARD
- 9/32 STANDARD
- 3/16 HEAVY DUTY
- 9/32 HEAVY DUTY

**Features:**
- **TRS Binary Swivels** have tested 50% stronger than conventional Triple Swivels. They incorporate stronger stainless steel materials with a simplified, stronger design that will outlast conventional systems.
- **Binary Swivels** have an extra long ferrule for receiving prosthetic cable allowing “Double Swage” capability for greater longevity and less cable failure at the swage.
- **Binary Swivels** are available with both 3/16 inch diameter terminal balls and 9/32 inch diameter terminal balls for both STANDARD 1/16 inch diameter cable and 3/32 inch diameter HEAVY DUTY cable.
- TRS highly recommends that **TRS Python Standard** and **TRS Python Heavy Duty** cable be used in all prosthetic systems to ensure the best performance and greatest longevity.

**Cable Housing Ferrules**

**Product Code:** CH FERRULE

**Features:**
- Press fit into heavy duty housing traps teflon liner inside housing eliminates need to “flare” liner.
- Lubricant impregnated plastic. Friction free, quiet operation.
Accessories

**PYTHON, High Performance, Custom, Stainless Aircraft Cable**

Stronger with superior abrasion resistance. The new prosthetic standard! (Python Cables fits all standard and heavy duty cable hardware.)

**Product code: PYTHONSTD, PYTHONHVY**

**Features: PYTHON STANDARD**

- 1/16 in. diameter (rotary swaged)
- Superior 1 x 19 cable construction
- 4 x more resistant to abrasion breakage
- Low coefficient of friction, longer life, less fraying and breakage
- Fits all conventional hardware
- 25 ft. long coils and competitively priced

**Features: PYTHON HEAVY DUTY**

- 3/32 in. diameter (rotary swaged)
- Superior 1 x 19 cable construction
- 4 x more resistant to abrasion breakage
- Low coefficient of friction, longer life, less fraying and breakage
- Fits all conventional hardware
- 25 ft. long coils and competitively priced

**A NEW PYTHON:**

High performance, stainless aircraft cable. 1x19 construction. 19 high strength wires.

**B OLD CONVENTIONAL CABLE:**

7x7 construction. 49 thin wires.

---

**Heavy Duty Cable Housing**

**Product Code: H50456**

**Features:**

- Fillauer®-Hosmer® heavy duty stainless steel cable housing.
- Accepts TRS Python Heavy Duty Cable (3/32 in. dia.) or equivalent. Accepts standard diameter prosthetic cable (1/16 in. dia.) with a TRS Teflon Liner. Accepts new Cable Housing Ferrules.
- Fillauer®-Hosmer® Heavy Duty Housing is constructed to be used with any manufacturer’s standard heavy duty fittings; cable housing retainers, cross bars, etc.
- Available in 25 ft. coils.

**Superior Grade Teflon Cable Housing Liner**

**Product Code: ACCHLC**

**Features:**

- TRS custom formulation teflon liner, slightly stiffer, longer lasting.
- Provides low friction, highly efficient lining for standard diameter stainless steel prosthetic cable.
- Sized to fit perfectly into Heavy Duty Cable Housing.
- Special material composition eases and enhances flaring of the ends of the liner. See new TRS CH Ferrules.
- Available in 25 ft. coils.

---

**In-Line Hook To Grip Adapter**

**Product Code: H-GADAP**

- Connects 9/32 in. diameter ball triple swivels (Fillauer®-Hosmer®) to TRS Grip Prehensors, easily and reliably.
- Adapter is stainless steel, 1 in. long.
- Supplied with a grommet.

---

**Adept Cable Adapters**

**Product Code: PTA010T**

**SPECIFICATIONS**

- One piece, stainless steel, in-line cable fittings with 3/16 in. diameter ball, which accept standard 1/16 in. dia. cable only.
- Designed exclusively for use with all ADEPT Prehensors and LiteTouch Hands.
**Spectra® Prosthetic Cable and Fittings**

Spectra® is a registered trademark of Allied-Signal, Inc.

**Spectra® Prosthetic Cable**


These are custom "tie-on" fittings designed to ensure easy, positive attachment of Spectra® cable. Spectra® fittings are re-useable. Instructions are included.

**Product Code:** SPECTRA 400 ULTRA SPECTRA 400 ULTRAW

**Features:**
- **Spectra® cable** is a high performance, synthetic, braided cable material with a very low coefficient of friction. Composed of ultra high molecular weight polyethylene fibers, Spectra® is quiet and strong.
- **400 ULTRA Spectra®** is coated. 30% more abrasion resistant.
- **Spectra®** is an excellent alternative to other "fiber" cables such as dacron and stainless steel cable in situations where stainless has not performed well.
- **Spectra®** must be installed with a teyon or co-polymer plastic cable housing liner.
- **Spectra®** requires custom tie-on fittings and cannot be swaged.

**APPLICATIONS:**
- Trans-radial and trans-humeral limb absence.
- Children, adolescents and adults.

**SPECIFICATIONS**

| Tensile strength: | Spectra 400 ULTRA: Approximately 400 lbs. |
| Color: | 400 ULTRA: Black |
| | 400 ULTRAW: White. |

**Spectra® Cable Adapter and Hanger Fitting Instructions**

*Spectra®* is a super tough, ultra high molecular weight polyethylene fiber. It is very slippery and does not cut easily. Use a razor blade. Apply "Super Glue" to a small area of the *Spectra®* then stretch it. Allow the glue to "set/dry" then cut it. This will provide a cleaner cut. Angle cutting the *Spectra®* will provide a better leading edge.

*Spectra®* Must be used in a teyon or plastic housing liner.

Pull the *Spectra®* into and through a teyon or plastic liner using a vacuum pump’s suction or by using a thin piece of piano wire looped over and glued to *Spectra®*. The vacuum pump technique works the best however.

Weave *Spectra®* and tie onto the special *Spectra®* fittings according to the diagrams illustrated above. *Spectra®* will take approximately a 1/2 inch knot set, i.e., it will provide you with a 1/2 inch more cable length as you set or tighten the knot. Take this into consideration if the length is critical. Add a drop of super glue to the knot once it is tightened as this technique will help prevent the knot from getting loose trim off excess.

**Spectra® Ball Fittings**

**SPECIFICATIONS**

- Stainless steel, 1 in. long.

**Product Code:** ASPCB2 ASPCB3 ASPCB1

**Models:** 9/32” D. BALL 9/32” D. SOLO BALL 3/16” D. BALL

(Fillauer®- Hosmer® Dorrance® products) (TRS product Application)

**Spectra® Cable Hanger**

**SPECIFICATIONS**

**Product Code:** ASPCH1M ASPCH2

| Web width: | ¼ or 1 in. | ½ in. |
| Thickness: | 0.06 in. thick stainless steel |
| Width: | 1.125 in. wide | 0.75 in. wide |

ASPCH1M is tight on some dacron webbing. TRS suggests PolyPro webbing.
### Prosthosis Distal Disconnect Wrist System

**Product Codes:**
- **System:** PDD1000
- **Long Disconnect Insert:** PDTA101

**Feature:**
- High Strength, .125 inch thick, 7075 T6 Frame (Ready to drill and mount to prosthosis)

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>Length</th>
<th>Width</th>
<th>~Arm Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prosthosis TD Adapter Large</td>
<td>1.5 in. (3.8 cm)</td>
<td>1.9 in. (4.8 cm)</td>
<td>3.0 in. (7.6 cm)</td>
</tr>
<tr>
<td>Prosthosis TD Adapter Small</td>
<td>1.4 in. (3.6 cm)</td>
<td>1.6 in. (4 cm)</td>
<td>2.0 in. (5 cm)</td>
</tr>
<tr>
<td>Long Disconnect Adapter</td>
<td>1.13 in. (2.9 cm)</td>
<td>.63 in. (1.6 cm)</td>
<td>N/A</td>
</tr>
<tr>
<td>Short Disconnect Adapter</td>
<td>.94 in. (2.4 cm)</td>
<td>.63 in. (1.6 cm)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

---

### Prosthosis & ProCuff Terminal Device ADAPTERs

**Product Codes:**
- **Prosthosis TD Adapter Large:** PDTA1000
- **Long Disconnect Insert:** PDTA101
- **Prosthosis TD Adapter Small:** PDTA2000
- **Short Disconnect Insert:** PDTA201

**Feature:**
- High strength, aircraft aluminum TD Adapters and stainless steel insert (included)
- Rapid disconnect system using dual set screws to retain insert and adjust frictional rotation
- “On Board” magnetic-stored, Allen wrench for convenience
- Adaptable to Texas Assistive Device® (TAD) “Fittings”
- Order EXTRA inserts for multiple TDs

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>System</th>
<th>Binary Hanger</th>
<th>Binary Cable Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>1.8 in. (4.6 cm)</td>
<td>.86 in. (2.2 cm)</td>
<td>1.2 in. (3 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>1.4 in. (3.6 cm)</td>
<td>1.4 in. (3.6 cm)</td>
<td>.188 in. (.48 cm)</td>
</tr>
<tr>
<td>Thickness (Max.)</td>
<td>.22 in. (.56 cm)</td>
<td>.22 in. (.56 cm)</td>
<td>.188 in. (.48 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>9.4 gm</td>
<td>7.7 gm</td>
<td>1.7 gm</td>
</tr>
</tbody>
</table>

---

### Binary Cable Hanger System

**Product Codes:**
- **Total System Std. Cable:** BCH1000
- **Total System Hvy Dty. Cable:** BCH2000
- **Binary Hanger:** BCH01

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
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<tr>
<td>Weight</td>
<td>9.4 gm</td>
<td>7.7 gm</td>
<td>1.7 gm</td>
</tr>
</tbody>
</table>

**Feature:**
- Unique two piece system with “Re-Useable” Binary Hanger
- Double swage capable Binary Cable Connector for both Std & Hvy Duty cables
- Stronger, more versatile and more economical than any other cable “hanger” system available

---

### BCH 04 INSTALLED

**BCH 04 - BINARY CABLE HANGER LOCK ASSEMBLY**

**Product Codes:**
- **System:** BCH01
- **Binary Cable Connector, STD:** BCH02
- **Binary Cable Connector, Hvy:** BCH03
- **Lock Assembly:** BCH04

**Feature:**
- Unique two piece system with “Re-Useable” Binary Hanger
- Double swage capable Binary Cable Connector for both Std & Hvy Duty cables
- Stronger, more versatile and more economical than any other cable “hanger” system available

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th></th>
<th>System</th>
<th>Binary Hanger</th>
<th>Binary Cable Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>1.8 in. (4.6 cm)</td>
<td>.86 in. (2.2 cm)</td>
<td>1.2 in. (3 cm)</td>
</tr>
<tr>
<td>Width</td>
<td>1.4 in. (3.6 cm)</td>
<td>1.4 in. (3.6 cm)</td>
<td>.188 in. (.48 cm)</td>
</tr>
<tr>
<td>Thickness (Max.)</td>
<td>.22 in. (.56 cm)</td>
<td>.22 in. (.56 cm)</td>
<td>.188 in. (.48 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>9.4 gm</td>
<td>7.7 gm</td>
<td>1.7 gm</td>
</tr>
</tbody>
</table>

---

### BCH 03 - BINARY CABLE CONNECTOR, HVD

**BCH 03 - BINARY CABLE CONNECTOR, STD**

**BCH 04 - BINARY CABLE CONNECTOR, HD**

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### BCH 04 INSTALLED

**BCH 01 - BINARY HANGER**

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### BCH 02 - BINARY CABLE CONNECTOR, STD

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### BCH 03 - BINARY CABLE CONNECTOR, HVD
**Pro Cuff “Prosthosis”**

- Partial Hand
- Wrist Disarticulate
- Weak or Injured Hands
- Paralyzed Hands

**Product Codes:** PRO CUFF RIGHT, PRO CUFF LEFT

**Feature:**
- Great for activities like Golf, Kayaking, Swimming, Light weight conditioning, etc.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>5.0 in. (12.7 cm.)</td>
</tr>
<tr>
<td>Weight with Stainless Bracket</td>
<td>6.6 oz. (187 gm.)</td>
</tr>
<tr>
<td>Weight without Bracket</td>
<td>3.6 oz. (102 gm.)</td>
</tr>
<tr>
<td>DISTAL END Internal Circumference (Adjustable range)</td>
<td>~5.75 in. - ~8.0 in. (~14.6 cm. - ~20.3 cm.)</td>
</tr>
<tr>
<td>PROXIMAL END Internal Circumference (Adjustable Range)</td>
<td>~8.0 in. - ~10 in. (~20.3 cm. - ~25.4 cm.)</td>
</tr>
</tbody>
</table>

**Applications:**

The **PRO CUFF** is a perfect “Activity Specific” solution for persons with temporary or permanent hand injury, paralysis, partial hand absence or wrist disarticulation absence. Lack of gripping dexterity, capability or force can be augmented by using the **PRO CUFF** equipped with the appropriate prosthetic terminal device.

“L” Code: Research L3906.

*Heavy duty applications will require the addition of internal reinforcing to secure bracket.

Opens up for easy donning and doffing, using dual velcro closure systems.

- “Built in” BOA cable closure and tension technology

“L” Code: Research L3906.

**Procuff Distal Mount**

**Product Codes:**

PRO CUFF DM
- Designed for wrist disarticulate and specific partial hand absences
- Includes adjustable position-length Prosthesis Distal Disconnect Wrist System (PDD1000)
- Includes Long Disconnect Insert (PDTA101)

**Feature:**
- Professionally constructed prosthesis ready to fit and finish
- Distal “In-Line” terminal device mounting system for improved TD control and balance
- Distal Disconnect Wrist System has in excess of two inches of length positioning adjustment to accommodate various partial hand and wrist disarticulate configurations. Prosthetist simply drills and rivets the bracket system into its final configuration based upon user’s limb morphology. Four Chicago style threaded rivets included for securing bracket onto prosthesis.
- Constructed of re-formable, low temperature plastic-foam laminates
- “AFO” “lift off” tongue, limb capture and retention type design. Cuff completely opens up for easy donning and doffing, using dual velcro closure systems.
- “Built in” BOA cable closure and tension technology

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length of basic PRO CUFF</td>
<td>5.0 in. (12.7 cm)</td>
</tr>
<tr>
<td>Bracket length adjustability</td>
<td>~2.0 in (~5 cm)</td>
</tr>
<tr>
<td>Overall weight</td>
<td>7.5 oz. (213 gm)</td>
</tr>
</tbody>
</table>
Simulators / Procuff Pediatric

Pediatric (Small) Pro Cuff “Prosthosis” Left/Right

Product Codes:
PROCUFF PEDI L/R

- Complete and ready to use in minutes, complete with BOA® closure technology installed
- Professionally cosmetically finished for positive patient-consumer acceptance
- Wide range of circumferential adjustability, enlarges for easy entry and exit

Features:
- Constructed of re-formable low temperature plastic-foam laminates
- Aircraft aluminum TD “disconnect” bracket with stainless disconnect adapter
- Accepts most TDs with minimal bracket or TD modification
- Easily modified to accept Texas Assistive Device® TDs

“L” Code: Research L3906.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Length:</th>
<th>4.1 in. (10.4 cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight:</td>
<td>2.0 oz. (57gm.) w/o Bracket 3.5 oz. (99gm.) with Bracket but without TD</td>
</tr>
</tbody>
</table>

Applications: A variety of sized and aged children can wear the Pediatric (small) version as well as smaller framed adults. Perfect for activity specific activities when equipped with the appropriate TRS TD.

DISTAL End Internal circumference range: 5.25 in. (13.3 cm) – 7.25 in. (18.4 cm)

PROXIMAL End Internal circumference range: 6.63 in. (16.8 cm) – 8.5 in. (21.6 cm)

Prosthetic Simulators Left / Right

Debra Latour, M.Ed.
Advanced Practice of Occupational Therapy; OTR/L (MA, NY, FL)

As a Clinician, this technology offers my clients:
- The opportunity to trial the devices giving them a real-life experience and realistic expectations of the prosthesis and Pre-prosthetic training opportunities.
- Empathic experience to patient’s family members.

Product Codes:
SIML (Left) and SIMR (Right)

Features:
- 1st ever “standardized” prosthetic simulator technology available in “right” or “left” models
- Adjusts to a wide variety of arm sizes and torsos using BOA® cable closure technology
- Constructed of low temperature, thermoformable EXOS® laminates
- Positions terminal device in “optimal” position for performing tasks and training
- Complete with interchangeable Hosmer 5XA V/O Split Hook & TRS V/C GRIP3 Prehensor
- Accepts any USA Standard Terminal Device for comparisons and evaluation-testing
- Easily adjustable Northwestern Figure #9 control harness and cable system
- Sure-Lok cable locking and control technology
- Light-weight at only 1-1/8 pounds (511) grams without the TD

Debra Latour, M.Ed.
Advanced Practice of Occupational Therapy; OTR/L (MA, NY, FL)

I see this being helpful for not only OTs in practice looking for a better understanding of how Body Power prostheses work, OT school faculty, OT students, but also amputee family members who want to experience this opportunity as well... A terrific teaching tool for them!

Diane Atkins, OTR

The V/C & V/O SIMULATOR accomplishes all of this helping to contribute to more successful outcomes.

I see this being helpful for not only OTs in practice looking for a better understanding of how Body Power prostheses work, OT school faculty, OT students, but also amputee family members who want to experience this opportunity as well... A terrific teaching tool for them!

Sure-Lok System

Harness System

BOA® cable closure technology

Prosthetics Research ■ Design ■ Manufacturing ■ Consulting
3090 STERLING CIRCLE, STUDIO A, BOULDER, COLORADO USA 80301-2341
PHONE: 303.444.4720 TOLL FREE: 800.279.1865 FAX: 303.444.5372 ■ WWW.TRSPROSTHETICS.COM
This Crossover symbol represents TRS products that have been identified and used by consumers for other purposes. In some cases these uses are vocationally oriented. TRS is identifying these products for information and educational purposes only.

<table>
<thead>
<tr>
<th>Device</th>
<th>Action</th>
<th>TRS Primary Design Use</th>
<th>Crossover Use</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Criterium Series</strong></td>
<td>Grasps handles with small to medium diameter; Pivot allows steering, improved control</td>
<td>Biking (Road &amp; Flat Land)</td>
<td>Pushing/pulling Sweeping/raking Steering</td>
</tr>
<tr>
<td><strong>Dragon</strong></td>
<td>Can secure manage poled style handles through the ‘donut hole’</td>
<td>Martial Arts</td>
<td>Home management tasks</td>
</tr>
<tr>
<td></td>
<td>Loosely interfaces with objects</td>
<td></td>
<td>Property management</td>
</tr>
<tr>
<td></td>
<td>Allows freedom of movement</td>
<td></td>
<td>Climbing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TRUE Cross-Over multi-purpose</td>
<td>TRUE Cross-Over multi-purpose</td>
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<tr>
<td></td>
<td></td>
<td>Vocational-Avocational</td>
<td>Vocational-Avocational</td>
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<tr>
<td></td>
<td></td>
<td>prosthetic device</td>
<td>prosthetic device</td>
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<tr>
<td></td>
<td></td>
<td>Especially useful in any activity specific task</td>
<td>Especially useful in any activity specific task</td>
</tr>
<tr>
<td></td>
<td></td>
<td>that uses long handles or &quot;sticks&quot;</td>
<td>that uses long handles or &quot;sticks&quot;</td>
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<tr>
<td></td>
<td></td>
<td>like lacrosse, hockey (ice, street and field),</td>
<td>like lacrosse, hockey (ice, street and field),</td>
</tr>
<tr>
<td></td>
<td></td>
<td>raking, shoveling, gardening tools. Also for</td>
<td>raking, shoveling, gardening tools. Also for</td>
</tr>
<tr>
<td></td>
<td></td>
<td>smaller garden tools, water hose control.</td>
<td>smaller garden tools, water hose control.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Many undiscovered &quot;uses&quot;.</td>
</tr>
<tr>
<td><strong>Helix</strong></td>
<td>Molded, high performance, polyurethane, &quot;DNA&quot; helical shape replicates holding action of the hand in the control of short or long cylindrical handles grips. Unique strength and flexibility &quot;feels&quot; like the hand and forearm with &quot;reflexive&quot;, energy capture, storage and release action.</td>
<td>TRUE Cross-Over multi-purpose</td>
<td>TRUE Cross-Over multi-purpose</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Vocational-Avocational</td>
<td>Vocational-Avocational</td>
</tr>
<tr>
<td></td>
<td></td>
<td>prosthetic device</td>
<td>prosthetic device</td>
</tr>
<tr>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Many undiscovered &quot;uses&quot;.</td>
</tr>
<tr>
<td><strong>ISHI &amp; F-ISHI</strong></td>
<td>Adjustable grasp</td>
<td>Archery</td>
<td>Grooming</td>
</tr>
<tr>
<td></td>
<td>Secure, stable with strap</td>
<td>Fishing</td>
<td>Holding handled objects</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Multi-D</strong></td>
<td>Adjustable grasp</td>
<td>Multi Purpose</td>
<td>Home Management</td>
</tr>
<tr>
<td></td>
<td>Secure, stable with strap</td>
<td></td>
<td>Yard Work</td>
</tr>
<tr>
<td></td>
<td>Larger</td>
<td></td>
<td>Holding larger handled objects</td>
</tr>
<tr>
<td></td>
<td>More robust</td>
<td></td>
<td>Fishing (Salt Water)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Swinger</strong></td>
<td>Loosely interfaces with objects</td>
<td>Gymnastics</td>
<td>Carrying</td>
</tr>
<tr>
<td></td>
<td>Allows freedom of movement</td>
<td></td>
<td>Climbing</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>Steering</td>
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<td>Fishing</td>
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<td><strong>Raptor</strong></td>
<td>High strength, “large &quot;#7&quot; shaped titanium</td>
<td>Indoor and outdoor</td>
<td>Heavy duty lifting and</td>
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<td>lifting and supporting terminal device with</td>
<td>rock and gym climbing.</td>
<td>transport and loading</td>
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<td>replaceable, protective tip for cushion and non-marring</td>
<td></td>
<td>tasks.</td>
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<td>applications and greater friction control over surfaces. Unique pivot action increases versatility in lifting, supporting, climbing, etc.</td>
<td></td>
<td>Handling Lifting veneer woods, panels or similar</td>
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<td>pivot action increases versatility in lifting, supporting, climbing, etc.</td>
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**JAWS Voluntary Opening Prehensor**

**Product Codes:**

JAWS

**Feature:**
- Heavy Duty, VO, terminal device. Universal L & R.
- Shift lever for easy force adjustment by user
- 4 levels of (gripping force) adjustment.
- Cable operated or manually operated
- Snap On-Off feature, Never locks onto objects
- Radial-Ulnar, friction-adjustable wrist pivot
- Waterproof
- Replaceable polyurethane gripping surface components

**Usage:**

JAWS is truly a versatile, cross-over terminal device technology capable of controlling tools, handles, and equipment, as well as very functional for vehicle control of work and recreational vehicles such as fork lifts, tractors, ATVs, snowmobiles, motorbikes and cycles, and jet ski type watercraft.

“L” Code: 6721

**SPECIFICATIONS**

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<tr>
<td><strong>Length:</strong></td>
<td>5.0 in. (12.7 cm)</td>
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<tr>
<td><strong>Width (max.):</strong></td>
<td>2.1 in. (5.3 cm)</td>
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<tr>
<td><strong>Height (max.):</strong></td>
<td>3.9 in. (9.9 cm)</td>
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<tr>
<td><strong>Weight:</strong></td>
<td>15.5 oz. (440 gm)</td>
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</table>

**Materials:** Aircraft Aluminum, stainless steel, polyurethane. Jaws is constructed of aircraft grade aluminum alloys and surgical grade stainless steel and utilizes proprietary TRS polymers.

**Color:** Aluminum & Black

**Applications:** Teenagers and Adults capable of handling a high performance terminal device. Trans-radial, tran-humeral and bi-lateral applications.

**Wrist Units:** TRS OMEGA Friction-Disconnect wrists are totally compatible with JAWS. Hosmer Friction and Disconnect wrists are also compatible. Avoid Economy wrist unit technology.