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...FOR YOUR PATIENTS

CHOOSE ORTOPED
A CANADIAN-OWNED COMPANY

OrtoPed—a Canadian tax payer, and a provider of support and education to Canadian health care professionals.

Founded in 1981 by Canadian orthotists and Canadian owned again since 2003.

We are committed to bringing you real and measurable value, product availability, competitive pricing, accurate handling of your orders, and a prompt resolution of any issues you bring to us.

Our Canadian ownership and management assure you that OrtoPed remains focused on your needs for the best adapted products.

TEL: 514.342.6161 or 1.800.363.8726
FAX: 514.342.7565 or 1.800.663.8817
info@ortoped.ca

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Exclusive Distributor in Canada
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Hooks

Model 5-Adult Size Hook
HOSMER

- Stainless steel, canted fingers, serrated holding surfaces
- 4-7/8” (12.4cm) long; 8oz (227g)

55004  Model 5, Right, Standard 1/2-20 Thread
55003  Model 5, Left, Standard 1/2-20 Thread

Model 555-Adult Size Hook
HOSMER

- Stainless steel, canted fingers, serrated holding surfaces
- 4-5/8” (11.7cm) long; 7.5oz (213g)

55005  Model 555, Right, Standard 1/2-20 Thread
55006  Model 555, Left, Standard 1/2-20 Thread

Model 8X Medium Adult Size Hook
HOSMER

- Stainless steel, lyre fingers, nitrile rubber lined
- 4-1/2” (11.4cm) long; 8.5oz (241g)

55039  Model 8X, Right, Standard 1/2-20 Thread
55040  Model 8X, Left, Standard 1/2-20 Thread

Model SS-555 Adult Size Hook
HOSMER

- Stainless steel, lyre fingers, nitrile rubber lined
- 5-1/4” (13.3cm) long; 8.5oz (241g)

55064  Model SS-555, Right, Standard 1/2-20 Thread
55065  Model SS-555, Left, Standard 1/2-20 Thread

Model 8 Medium Adult Size Hook
HOSMER

- Stainless steel, canted fingers, serrated holding surfaces
- 4-5/8” (11.7cm) long; 8oz (227g)

55029  Model 8, Right, Standard 1/2-20 Thread
55030  Model 8, Left, Standard 1/2-20 Thread

55031  Model 8, Medium Adult Size Hook
55032  Model 8, Medium Adult Size Hook

55033  Model 8, Medium Adult Size Hook
55034  Model 8, Medium Adult Size Hook

info@ortoped.ca
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www.ortoped.ca
Model 5XA-Adult Size Hook
HOSMER

- Aluminum, canted fingers, nitrile rubber lined
- 4-7/8" (12.4cm) long; 4oz (113g)
- Available with either 1/2-20 standard or M12 x 1.5mm thread
- Can be anodized in red, blue, black, or gold for additional charge

55013 Model 5XA, Right, Standard 1/2-20 Thread
55012 Model 5XA, Left, Standard 1/2-20 Thread
61973 Model 5XA, Right, M12 x 1.5mm
61981 Model 5XA, Left, M12 x 1.5mm

Model 5X-Adult Size Hook
HOSMER

- Stainless steel, canted fingers, nitrile rubber lined
- 4-7/8" (12.4cm) long; 7.5oz (213g)

55010 Model 5X, Right, Standard 1/2-20 Thread
55009 Model 5X, Left, Standard 1/2-20 Thread

5X-Ti Hook
HOSMER

- 4-7/8" (12.4cm) long; 4.17oz (118.39g)
- Titanium, nitrile rubber lined
- Non-Magnetic
- Aircraft quality titanium
- More resistant to bending
- Can be set to same pinch forces as stainless steel hook
- Holds new appearance longer than stainless and aluminum hooks
- Can retreat just like aluminum and stainless hooks
- Great for amputees that require the strength of steel without the weight
- Ideal for bilateral amputees

62331 Model 5XTi, Right, Standard 1/2-20 Thread
62332 Model 5XTi, Left, Standard 1/2-20 Thread

Model 10P-Child Size Hook
HOSMER

- Stainless steel, canted fingers, plastisol coated
- 2-3/4" (7cm) long; 3oz (85g)
- Available in caucasian and brown colors

55057 Model 10P, Caucasian, Right, Standard 1/2-20 Thread
55056 Model 10P, Caucasian, Left, Standard 1/2-20 Thread
54282 Model 10PN, Brown, Right, Standard 1/2-20 Thread
54281 Model 10PN, Brown, Left, Standard 1/2-20 Thread

Model 10X Child Size Hook
HOSMER

- Aluminum, canted fingers, nitrile rubber lined
- 3-3/8" (8.6cm) long; 3oz (85g)
- Available with 1/2-20 or M12 x 1.5mm thread

55054 Model 10X, Right, Standard 1/2-20 Thread
55053 Model 10X, Left, Standard 1/2-20 Thread
61972 Model 10X, Right, M12 x 1.5mm, Standard 12mm Thread
61985 Model 10X, Left, M12 x 1.5mm, Standard 12mm Thread

Model 12P-Child Size Hook
HOSMER

- Stainless steel, canted fingers, plastisol coated
- 2-1/4" (8.3cm) long; 3.5oz. (99g)
- Available in caucasian and brown colors
- Available with 1/2-20 standard or M12 x 1.5mm thread

55051 Model 12P, Caucasian, Right, Standard 1/2-20 Thread
55050 Model 12P, Caucasian, Left, Standard 1/2-20 Thread
54284 Model 10PN, Brown, Right, Standard 1/2-20 Thread
54283 Model 10PN, Brown, Left, Standard 1/2-20 Thread
61977 Model 10P, Caucasian, Right, M12 x 1.5mm
61984 Model 10P, Caucasian, Left, M12 x 1.5mm
62327 Model 10PN, Brown, Right, M12 x 1.5mm
62329 Model 10PN, Brown, Left, M12 x 1.5mm
Hooks

Model 99X
Small Adult Size Hook
HOSMER

- Aluminum, canted fingers, nitrile rubber lined
- 3-7/8" (9.8cm) long; 3oz (85g)
- Available with either 1/2-20 standard or M12 x 1.5mm thread

55044  Model 99X, Right, Standard 1/2-20 Thread
55043  Model 99X, Left, Standard 1/2-20 Thread

61976  Model 99X, Right, M12 x 1.5mm
61983  Model 99X, Left, M12 x 1.5mm

Model 99P
Small Adult Size Hook
HOSMER

- Aluminum, canted fingers, plastisol coated
- 3-7/8" (9.8cm) long; 3.5oz (99g)
- Available in caucasian and brown colors
- Available with either 1/2-20 standard or M12 x 1.5mm thread

53604  Model 99P, Caucasian, Right, Standard 1/2-20 Thread
52946  Model 99P, Caucasian, Left, Standard 1/2-20 Thread
56872  Model 99PN, Brown, Right, Standard 1/2-20 Thread
56871  Model 99PN, Brown, Left, Standard 1/2-20 Thread

61974  Model 99P, Caucasian, Right, M12 x 1.5mm
61980  Model 99P, Caucasian, Left, M12 x 1.5mm
62326  Model 99PN, Brown, Right M12 x 1.5mm
62328  Model 99PN, Brown, Left M12 x 1.5mm

APRL Voluntary Closing Hook
HOSMER

- Voluntary closing action
- Self locking features
- Nitrile rubber lined fingers
- Replaceable fingers
- Two finger opening positions
- Thumb is located on ulnar side
- Wrist to thumb tip: 6-3/8" (16.2cm); 8.6oz (243g)

52601  Sierra APRL Hook, Right 302-00, Standard 1/2-20 Thread
52602  Sierra APRL Hook, Left 302-01, Standard 1/2-20 Thread
52383  Replacement Finger Set

Sierra 2-Load Voluntary Opening Hook
HOSMER

- Pinch force controlled through load selector button located on thumb, 3.5 or 7 pound force
- Nitrile rubber lined fingers
- Replaceable fingers
- Lyre shaped fingers for cylindrical objects
- Easy maintenance
- Wrist to thumb tip: 5" (12.7cm); 12.5oz (354g)

52431  Sierra 2-Load Hook, Right 21-00, Standard 1/2-20 Thread
52432  Sierra 2-Load Hook, Left 21-01, Standard 1/2-20 Thread
52383  Replacement Finger Set
**Hook Measuring Guide**

**Distance Indicated for Standard Hooks**

**Distance Indicated for Work Hooks**

**Model 3 - Work Hook**

**Hosmer**

- Stainless steel, serrated holding surfaces
- Heavy duty design for tool holding, featuring bucket hook and nail holder
- 4-5/8” (11.7cm) long; 10oz (284g)

55001 Model 3, Right, Standard 1/2-20 Thread

55000 Model 3, Left, Standard 1/2-20 Thread

**Model 7LO - Work Hook**

**Hosmer**

- Stainless steel, serrated holding surfaces, tool holding, heavy duty
- Knife, pail, and nail holder
- Opening for broom handle or chisel holder
- 1-3/8” (3.5cm) finger opening
- 5” (13.3cm) long; 11oz (312g)

55025 Model 7LO, Right, Standard 1/2-20 Thread

55024 Model 7LO, Left, Standard 1/2-20 Thread

**Model 6 - Work Hook**

**Hosmer**

- Stainless steel, serrated holding surfaces, tool holding, heavy duty
- Same prehension options as other hooks
- Backlock feature requires three bands
- 5-1/2” (14.9cm) long; 14oz (397g)

55016 Model 6, Right, Standard 1/2-20 Thread

55015 Model 6, Left, Standard 1/2-20 Thread

**Model 7 - Work Hook**

**Hosmer**

- Stainless steel, serrated holding surfaces
- Heavy duty design for tool holding, featuring bucket hook, nail and chisel holders
- 4-7/8” (12.4cm) long; 10.5oz (298g)

55022 Model 7, Right, Standard 1/2-20 Thread

55021 Model 7, Left, Standard 1/2-20 Thread

**Hook Retread and Repairs**

- Nitrile rubber lined hook fingers can be retreaded when required

54950 Hook Retread

**NOTE:** For general repairs on any Hosmer Hook, return to factory. Please advise if an estimate is required prior to repairs. Any hook that cannot be repaired will be returned to sender.
Hook Accessories

CAPP Multi-Position Post
HOSMER

- Provides opposition for patient with partial hand
- Post may be manually positioned to 0, 30 or 54 degrees with push button
- Post can be folded back when not in use
- Cuff section not included but may be fabricated by our Central Fabrication Department at an additional charge

56266 CAPP Multi-Position Post, Right
56267 CAPP Multi-Position Post, Left

Includes:
A. 56264 Base
B. 56262 Lever
C. 56272 Cap
D. 56268 Locking Pin Assembly
E. 56261 Pivot Pin
F. 56273 Spring
G. 56271 Cap Pin
H. 56656 Bearing
56879 Pad (Not Shown)

Driving Ring
HOSMER

- Attaches quickly and easily to automobile steering wheels, boat tillers and aircraft controls

56394 Hosmer Driving Ring

Includes:
A. 56389 Driving Ring Body
B. 56395 Coated Core Assembly
C. 56706 Washer
D. 56705 Nut
E. 56354 Bushing
F. 56387 Clamp
G. 51760 Screw (60539 Optional Longer Screw), 4 Each

Button Hook
HOSMER

- Aids in dressing by pulling button through button hole

50208 Button Hook
Hook Accessories

**Forearm Lengthener**
HOSMER
- Compensates for length between hooks and hands
- Adds 1-1/8" length
- Aluminum, 1/2-20 standard thread and stud

51038  Forearm Lengthener

**Hook Fairing**
HOSMER
- Compensates for length with hooks and hands
- Specify skin color of your choice

51210  Hook Fairing, HF-100

**E-Z Hook Tension Band Applier**
HOSMER
- Six hook tension bands included

55144  E-Z Hook Tension Band Applier

**Hook Rings**
HOSMER
- 50% greater force than rubber bands
- Available in green only

57500  Hosmer Hook Rings, Sold 100 Per Pack

**Hook Tension Bands**
HOSMER
- Approximately twenty bands per ounce
- Each band applies approximately 1.5lbs of prehension

53869  Hook Tension Bands, 4oz Package
53870  Hook Tension Bands, 8oz Package
53871  Hook Tension Bands, 1lb Package
53872  Hook Tension Bands, 5lbs Package
55674  Hook Tension Bands for 12P, Sold 12 Per Pack

**Handy Hook Adapter**
HOSMER

62594  Handy Hook Adapter

**Hook Tension Springs**
HOSMER
- Stainless steel
- Springs may be used in place of rubber bands
- Each spring applies approximately nine pounds of prehension

55363  Tension Hook Springs
Terminal Devices

UCLA CAPP Terminal Device

- Child size, functional alternative terminal device
- Wider palmar face and resilient friction cover for secure prehension
- Available in caucasian and dark brown
- Soft, regular or heavy duty prehension springs are easily interchanged with an installation tool
- 1/2-20 standard thread stud; length: 2-15/16" (7.47cm); 3oz (85g)
- Base diameter: 1-1/2" (3.8cm); thumb opening: 2-5/8" (6.7cm)

71632 Replacement Spring Kit

Includes:
- 71623 Soft Spring
- 71622 Regular Spring
- 71631 Heavy Duty Spring
- 71624 Installation Tool

<table>
<thead>
<tr>
<th>SPRING TENSION</th>
<th>CAUCASIAN</th>
<th>DARK BROWN</th>
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<tbody>
<tr>
<td>SOFT</td>
<td>71630</td>
<td>59322</td>
</tr>
<tr>
<td>REGULAR</td>
<td>71620</td>
<td>59321</td>
</tr>
<tr>
<td>HEAVY DUTY</td>
<td>71633</td>
<td>71634</td>
</tr>
</tbody>
</table>

CAUCASIAN          | DARK BROWN |
A. Shell Stud Assembly | 72316      | 59323      |
B. Thumb Lever Assembly | 71635      | 71635      |
C. Bronze Bearing | 72327      | 72327      |
D. Washer | 72322      | 72322      |
E. Regular Spring | 71622      | 71622      |
F. Shaft | 72315      | 72315      |
G. O-Ring | 51945      | 51945      |
H. Pulley Bearing Assembly | 72325      | 72325      |
I. Rubber Lock | 56677      | 56677      |
J. Dowel Pin | 55415      | 55415      |
K. Pad Cover | 72326      | 59324      |
L. Thumb Cover | 72320      | 59325      |
M. Dacron Line Insert | 72330      | 72330      |
N. Line to Cable Adapter | 53581      | 53581      |
O. Dacron Line | 72334      | 72334      |
P. Plug | 72342      | 72342      |
Q. Pad and Thumb Cover | 71621      | 59326      |

NOTE: Order line to cable adapter separately, 53581
Recreational Devices

Zippy-Quick Fishing Rod Attachment
HOSMER
- Allows amputee to hold fishing rod securely while keeping the terminal device free for grasping
- Utilizes the Fillauer “Zippy Quick Release” attachment so that it can be easily removed when not in use
- Constructed of lightweight Delrin® and stainless steel, corrosion resistant

61577 Zippy-Quick Fishing Rod Attachment

Baseball Glove Attachment
HOSMER
- Provides gripping action between thumb and forefinger while using baseball glove
- Use with first baseman’s mitt only
- Knobs on fingers allow glove to be securely attached
- Standard 1/2-20 stud
- 9.5” (24 cm.); 10.5oz (298g)

55039 Baseball Glove Attachment, 7BR, Right
55027 Baseball Glove Attachment, 7BL, Left

Ski Hand/Fishing Hand
CENTRI/HOSMER
- Molded silicone rubber resembles closed hand
- Opening will hold either ski pole or fishing rod
- Remains pliable in sub-zero temperatures
- Standard 1/2-20 stud

Bowling Attachment
HOSMER
- Rubber expansion sleeve
- 4-1/2” (11.4cm.); standard 1/2-20 stud
- Holds and releases ball

51148 Bowling Attachment, HBA-100
A. 53164 Expansion Plug
B. 51573 Nut

<table>
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<tr>
<th>RIGHT</th>
<th>LEFT</th>
<th>SIZE</th>
<th>CIRCUMFERENCE</th>
<th>WEIGHT</th>
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<tr>
<td>611010102</td>
<td>611010101</td>
<td>EXTRA SMALL</td>
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<td>10.4&quot; (265MM)</td>
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</table>
Child Hands

Baby Mitt

HOSMER

- Soft foam passive hands
- Available with standard 1/2-20 or M12 stud thread
- Hands available in two sizes and two colors for infants and toddlers
- Does not require the addition of a cosmetic glove

FEATURES AND BENEFITS

- Passive hand allows child to begin bi-manual activity
- Child achieves body symmetry
- Helps to protect child during a fall, aids in standing or sitting balance
- Incorporation of prosthesis in body image

<table>
<thead>
<tr>
<th>HAND NO.</th>
<th>MCP</th>
<th>MCP WITH THUMB</th>
<th>OVERALL LENGTH</th>
<th>WEIGHT</th>
<th>COLOR</th>
<th>SIZE</th>
<th>SIDE</th>
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<tr>
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<td>2.5OZ/71G</td>
<td>DARK BROWN</td>
<td>SMALL</td>
<td>RIGHT</td>
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</tbody>
</table>

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Child Hands

Child Crawling Prosthesis
CENTRI - HOSMER

- Soft foam passive hands allows child to begin bi-manual activities
- Available with standard 1/2-20 or M12 stud thread
- Closed fist, no fingers to poke siblings or playmates

COSMETIC GLOVE INFORMATION

1yyyyzz3 Micro Coated Vinyl
1yyyyzz4 Expanded MCV
1yyyyzz2 Expanded PVC Standard
3yyyyzz3 Micro Coated Silicone
3yyyyzz1 Silicone

NOTE: yyyy in part number sequence indicates glove number; zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MEASUREMENTS IN MM</th>
<th>SIZE</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYYY)</th>
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<td>C</td>
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<td>13906</td>
<td>104</td>
<td>148</td>
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<td>132</td>
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</tbody>
</table>

A. Wrist circumference
B. Metacarpal circumference
D. Glove end circumference
E. Length of glove

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Child Hands

Child Passive Hand

- Gloves come in a convenient “expanded” form widened at the palm and wrist so it can be slipped on easier. The glove is then heated to shrink, achieving a customized fit (not available for silicone gloves)
- MCV-Micro Coated Vinyl / MCS - Micro Coated Silicone, the unique surface of Micro Coating gives low friction against clothing, resists marks and cleans easily
- Soft foam passive hands
- Available with standard 1/2-20 or M12 stud thread
- Passive hands have positionable flexible fingers
- Reinforced hands have wired fingers attached to wrist area
- Super-reinforced hands have steel bars in fingers that attach to wrist area
- Hard PVC Passive Hands are lightweight, cosmetically finished shells that slip over residual limbs and do not require a glove

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MEASUREMENTS IN MM</th>
<th>SIZE IN INCHES</th>
<th>APPROXIMATE AGE FOR USE</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
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<td>10906</td>
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<td>150</td>
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</table>

NOTE: yyyyy in part number sequence indicates glove number; zz indicates color.
Child Hands

Child Dorrance 200 Mechanical Hand
HOSMER
- Provides voluntary opening of thumb and first two fingers simultaneously
- Adjustable pinch force
- Breakaway release protects wearer if excessive force is applied
- Standard 1/2-20 thread stud

55429  Replacement Spring, Regular
55430  Replacement Spring, Light

COSMETIC GLOVE INFORMATION

1yyyyzz3  Micro Coated Vinyl
1yyyyzz4  Expanded MCV
1yyyyzz2  Expanded PVC Standard
3yyyyzz3  Micro Coated Silicone
3yyyyzz1  Silicone

NOTE: yyyy in part number sequence indicates glove number; zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MEASUREMENTS</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
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<td>50538</td>
<td>MCP</td>
<td>WRIST TO THUMB</td>
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<td>6-1/2&quot; / 16.51CM</td>
<td>6-1/2&quot; / 16.51CM</td>
<td>3-7/8&quot; / 9.8CM</td>
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<td></td>
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<td></td>
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</tbody>
</table>

A. Wrist circumference
B. Metacarpal circumference
C. Middle finger length
D. Glove end circumference
E. Length of glove

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Child Hands

Child CAPP Hand

HOSMER

- Soft, durable urethane cosmesis with life-like appearance
- More functional than most hands
- Adjustable spring tension
- Improved parent acceptance of cosmesis
- Does not require cosmetic glove
- Smooth, Voluntary Opening performance
- Standard 1/2-20 thread stud

REPLACEMENT PARTS

61825 Spring, Soft
61824 Spring, Heavy Duty

Mates to 1.5” round wrist

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MEASUREMENTS</th>
<th>COLOR</th>
<th>CABLE EXIT</th>
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<tr>
<td>61828 61829</td>
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<td>5.670Z / 161G</td>
<td>MEDIUM BROWN</td>
<td>DORSAL</td>
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<tr>
<td></td>
<td>3.3&quot;</td>
<td>5.670Z / 161G</td>
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<td>DORSAL</td>
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<tr>
<td>61830 61831</td>
<td>3.3&quot;</td>
<td>5.670Z / 161G</td>
<td>DARK BROWN</td>
<td>DORSAL</td>
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<tr>
<td></td>
<td>3.3&quot;</td>
<td>5.670Z / 161G</td>
<td>DARK BROWN</td>
<td>DORSAL</td>
</tr>
</tbody>
</table>
Child Myoelectric Hand
CENTRI

- Proportional control, fast opening and closing electric hand (.35 seconds)
- Lightweight and short hand length
- Unique wrist motion similar to the natural hand function
- Wrist sold separately
- Does not require an inner shell

610 634 011  Centri® Myo Electric Hand 6 3/4, Left
610 634 012  Centri® Myo Electric Hand 6 3/4, Right

Cosmetic Glove
CENTRI

X11 609 XXX  Cosmetic Glove 6 3/4 Youth, Left
X11 610 XXX  Cosmetic Glove 6 3/4 Youth, Right
Child Hands

**Quick Change Wrist with Rotation**

**CENTRI**

610 000 001  Centri® Quick Change Wrist with Rotation for Centri® Battery
610 000 002  Centri® Quick Change Wrist Dummy for Lamination

---

**Electrode with Studs, Proportional**

**CENTRI**

A. 610 000 010  Centri® Electrode w/ studs (3 pcs), Proportional
B. 610 000 027  Stud (1 pc)

---

**Control Unit for Myoelectric Hand**

**CENTRI**

610 000 012  Control unit for Centri® Electric Hand
610 000 013  Cable for control unit to Centri Electrode
610 000 031  Control Unit Single Side - Open/Close

---

**Withdrawl Tool**

**CENTRI**

610 000 026  Withdrawl Tool
**Quick Change Wrist with Rotation**

**CENTRI**

- **631 000 004** Touch Pads Kit (3 pcs) TP01
- **610 000 008** Cable for control unit (to touch pad)

**Batteries for Myoelectric Hand**

**CENTRI**

- **A. 631 000 015** External Use Battery Ni MH 6 V 500 mAh (for external use)
- **B. 610 000 016** External Use Battery case
- **C. 631 000 018** Dummy Battery for Lamination
- **D. 610 000 019** Battery charger 110-240V for Ni MH Battery Traveler Version
- **E. 610 000 033** Internal Use Battery Li Ion Polymer 7.4 V 1000mAh
- **F. 610 000 019** Battery charger 110-240V for Li Ion Battery
- **G. 610 000 022** Charge plug for Li Ion Battery
- **H. 610 000 021** Sensor for Li Ion Battery
- **610 000 033** Wire to connect two batteries (not shown)

**On/Off Switch**

**CENTRI**

- **610 000 024** On/Off Switch
Child Hands

Ordering Guide for Centri MYO Electric Hand

**CENTRI**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>610 634 011</td>
<td>Centri® Myo Electric Hand 6 3/4, Left</td>
</tr>
<tr>
<td>610 634 012</td>
<td>Centri® Myo Electric Hand 6 3/4, Right</td>
</tr>
</tbody>
</table>

**Option: Centri Electrode w/ Studs**

Part No. 610 000 010 (3 pcs)

**Option: Touch Pads Kit**

Part No. 631 000 004
Part No. 631 000 005

**Option: Cable for Otto Bock Battery**

Part No. 610 000 026

**Quick Change Wrist**

Part No. 610 000 001

**On/Off Switch**

Part No. 610 000 024

**Control Unit**

Part No. 610 000 012

**Option: Touch Pads Kit**

Part No. 610 000 026

**Option: Centri Internal Battery 7.4 V Li-ion**

Part No. 610 000 020
Battery
Part No. 610 000 021
Battery Sensor
Part No. 610 000 022
Battery Charger Plug

**Option: Centri External Battery 6 V Ni MH**

Part No. 610 000 015 (2 pcs)

**Option: Centri Electrode w/ Studs**

Part No. 610 000 010 (3 pcs)

**Option: Touch Pads Kit**

Part No. 631 000 004
Part No. 631 000 005

**Option: Cable for Otto Bock Battery**

Part No. 610 000 026

**Quick Change Wrist**

Part No. 610 000 001

**On/Off Switch**

Part No. 610 000 024

**Control Unit**

Part No. 610 000 012

**Option: Centri Internal Battery 7.4 V Li-ion**

Part No. 610 000 020
Battery
Part No. 610 000 021
Battery Sensor
Part No. 610 000 022
Battery Charger Plug

**Option: Centri External Battery 6 V Ni MH**

Part No. 610 000 015 (2 pcs)

Contact:
info@ortoped.ca
Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817
www.ortoped.ca
MYO Kit 1 with Li-Ion Battery for Internal Use

CENTRI

610 634 111 Myo Hand 6 3/4, Left
610 634 112 Myo Hand 6 3/4, Right

Centri Electrode

Part No. 610 000 010
(3 pcs)

Quick Change Wrist

Part No. 610 000 001
Part No. 610 000 002 (Dummy)

On/Off Switch

Part No. 610 000 024

Battery

Part No. 610 000 020

Battery Sensor

Part No. 610 000 021

Battery Charger Plug

Part No. 610 000 022

Battery Charger
110-240V for Li-Ion Battery

Part No. 610 000 023

Withdrawal Tool
3-6 Pol. Plug

Part No. 631 000 026

Control Unit

Part No. 610 000 012

info@ortoped.ca

Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817

www.ortoped.ca
Child Hands

MYO Kit 2 with Ni MH Battery for External Use
CENTRI

610 634 211  Myo Hand 6 3/4, Left
610 634 212  Myo Hand 6 3/4, Right

Centri Electrode
- Part No. 610 000 010 (3 pcs)

Quick Change Wrist
- Part No. 610 000 001

On/Off Switch
- Part No. 610 000 024

Control Unit
- Part No. 610 000 012

Battery (2 pcs)
- Part No. 610 000 015

Battery Case
- Part No. 610 000 016

Dummy Battery for Lamination
- Part No. 610 000 018

Battery Charger
110-240V for NiMH Battery Traveler Version
- Part No. 610 000 019

Withdrawal Tool
3-6 Pol. Plug
- Part No. 631 000 026
Female Hands

Female Passive Hand

- Gloves come in a convenient "expanded" form widened at the palm and wrist so it can be slipped on easier. The glove is then heated to shrink, achieving a customized fit (not available for silicone gloves)
- MCV-Micro Coated Vinyl / MCS - Micro Coated Silicone, the unique surface of Micro Coating gives low friction against clothing, resists marks and cleans easily
- Available in 18 colors
- Soft foam passive hands
- Standard internal thread M12 x 1.5 mm
- Passive hands have positionable flexible fingers
- Reinforced hands have wired fingers attached to the wrist area. Super-reinforced hands have steel bars in the fingers that attach to the wrist area
- Hard PVC are a lightweight, cosmetically finished shell that slips over the residual limb and does not require a glove

COSMETIC GLOVE INFORMATION

1yyyyyz3  Micro Coated Vinyl
1yyyyyz4  Expanded MCV
1yyyyyz2  Expanded PVC Standard
2yyyyyz1  Hard PVC
(Light Prosthesis)
3yyyyyz3  Micro Coated Silicone
3yyyyyz1  Silicone

NOTE: yyyyy in part number sequence indicates glove number; zz indicates color.

MEASUREMENT CHART (MM)

<table>
<thead>
<tr>
<th>HAND / GLOVE NO. (XXXXX) / (YYYYY)</th>
<th>SIDE</th>
<th>REMARKS</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>20909</td>
<td>LEFT</td>
<td>NOT SO FEMININE, SUITS BOYS ALSO</td>
<td>134</td>
<td>162</td>
<td>75</td>
<td>200</td>
<td>354</td>
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<tr>
<td>20910</td>
<td>RIGHT</td>
<td></td>
<td>142</td>
<td>164</td>
<td>73</td>
<td>200</td>
<td>352</td>
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<tr>
<td>20911</td>
<td>LEFT</td>
<td>NOT SO FEMININE, SUITS BOYS ALSO</td>
<td>148</td>
<td>170</td>
<td>75</td>
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<td></td>
<td>148</td>
<td>170</td>
<td>75</td>
<td>215</td>
<td>391</td>
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<tr>
<td>20913</td>
<td>LEFT</td>
<td>LONG FINGERS AND NAILS</td>
<td>146</td>
<td>172</td>
<td>90</td>
<td>205</td>
<td>465</td>
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<tr>
<td>20914</td>
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<td></td>
<td>142</td>
<td>170</td>
<td>90</td>
<td>217</td>
<td>447</td>
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<tr>
<td>20915</td>
<td>LEFT</td>
<td>PROMINENT SKIN STRUCTURE</td>
<td>150</td>
<td>175</td>
<td>84</td>
<td>222</td>
<td>400</td>
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<tr>
<td>20916</td>
<td>RIGHT</td>
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<td>150</td>
<td>180</td>
<td>82</td>
<td>222</td>
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<tr>
<td>20917</td>
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<td>162</td>
<td>190</td>
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<td>20918</td>
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<td>158</td>
<td>198</td>
<td>85</td>
<td>245</td>
<td>382</td>
</tr>
</tbody>
</table>

NOTE: All measurements are with glove donned
Female Hands

Female Passive Hand-Long Sleeve

- Gloves come in a convenient "expanded" form widened at the palm and wrist so it can be slipped on easier. The glove is then heated to shrink, achieving a customized fit (not available for silicone gloves)
- MCV-Micro Coated Vinyl / MCS - Micro Coated Silicone, the unique surface of Micro Coating gives low friction against clothing, resists marks and cleans easily
- Available in 18 colors
- Soft foam passive hands
- Standard internal thread M12 x 1.5 mm
- Passive hands have positionable flexible fingers
- Reinforced hands have wired fingers attached to the wrist area. Super-reinforced hands have steel bars in the fingers that attach to the wrist area
- Hard PVC are a lightweight, cosmetically finished shell that slips over the residual limb and does not require a glove

COSMETIC GLOVE INFORMATION

1yyyyyz3 Micro Coated Vinyl
1yyyyyz4 Expanded MCV
1yyyyyz2 Expanded PVC Standard
2yyyyyz1 Hard PVC
(Light Prosthesis)
3yyyyyz3 Micro Coated Silicone
3yyyyyz1 Silicone

NOTE: yyyy in part number sequence indicates glove number; zz indicates color.

MEASUREMENT CHART (MM)

<table>
<thead>
<tr>
<th>HAND / GLOVE NO. (XXXXX) / (YYYYY)</th>
<th>SIDE</th>
<th>REMARKS</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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<tr>
<td>22907 22908</td>
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<td>22909 22910</td>
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<td>170</td>
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<td>MEDIUM NAILS</td>
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<td>174</td>
<td>78</td>
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<td>470</td>
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<td>22917 22918</td>
<td>LEFT</td>
<td>MEDIUM NAILS</td>
<td>157</td>
<td>180</td>
<td>82</td>
<td>245</td>
<td>430</td>
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</tbody>
</table>

NOTE: All measurements are with glove donned
Female Robin-Aids Soft Mechanical Hand
HOSMER

NOTE: This hand has been discontinued, however gloves are still available; the Soft Voluntary Opening (SVO) Hand is the recommended replacement

5xxxxx000    Passive
5xxxxx001    Reinforced Passive
5xxxxx002    Super-Reinforced Passive

COSMETIC GLOVE INFORMATION

1yyyyzz3  Micro Coated Vinyl
1yyyyzz4  Expanded MCV
1yyyyzz2  Expanded PVC Standard
3yyyyzz3  Micro Coated Silicone
3yyyyzz1  Silicone

A. Wrist circumference
B. Metacarpal circumference
C. Middle finger length
D. Glove end circumference
E. Length of glove

NOTE: yyyy in part number sequence indicates glove number; zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MEASUREMENTS</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
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<tbody>
<tr>
<td></td>
<td>MCP (B)</td>
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<td>N/A</td>
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<td>N/A</td>
<td>N/A</td>
</tr>
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<td>N/A</td>
<td>7-1/2&quot;</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>N/A</td>
<td>7-1/2&quot;</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

www.ortoped.ca
Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817
Female Hands

Female Soft Voluntary Closing (SVC) Hand

- Locks in any position, unlocks with simple pull of cable
- Internal springs can be adjusted to compensate for hand shell and glove
- Lightweight, rugged construction
- Low cost alternative
- No maintenance required
- Choice of standard (dorsal) or palmar cable exit
- Available with standard 1/2-20 or M12 x 1.5mm thread

COSMETIC GLOVE INFORMATION

1yyyyzz3 Micro Coated Vinyl
1yyyyzz4 Expanded MCV
1yyyyzz2 Expanded PVC Standard
3yyyyzz3 Micro Coated Silicone
3yyyyzz1 Silicone
Model 100 Regal Silicone Gloves

NOTE: yyyyy in part number sequence indicates glove number; zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXX)</th>
<th>MEASUREMENTS</th>
<th>CABLE EXIT</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
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<td>MCP (B)</td>
<td>WRIST TO THUMB</td>
<td>WEIGHT</td>
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<tr>
<td>61791/61792</td>
<td>7-1/4&quot;</td>
<td>5-1/4&quot;</td>
<td>10.80Z / 335G</td>
<td>STANDARD CABLE EXIT</td>
</tr>
<tr>
<td></td>
<td>7-1/4&quot;</td>
<td>5-1/4&quot;</td>
<td>10.80Z / 335G</td>
<td>LEFT</td>
</tr>
<tr>
<td>61793/61794</td>
<td>7-3/4&quot;</td>
<td>5-3/8&quot;</td>
<td>10.90Z / 335G</td>
<td>STANDARD CABLE EXIT</td>
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<tr>
<td></td>
<td>7-3/4&quot;</td>
<td>5-3/8&quot;</td>
<td>10.90Z / 335G</td>
<td>LEFT</td>
</tr>
<tr>
<td>61799/61800</td>
<td>7-3/4&quot;</td>
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<tr>
<td></td>
<td>7-3/4&quot;</td>
<td>5-3/8&quot;</td>
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<td>LEFT</td>
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<tr>
<td>62000/62001</td>
<td>7-1/4&quot;</td>
<td>5-1/4&quot;</td>
<td>10.80Z / 335G</td>
<td>STANDARD CABLE EXIT</td>
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<tr>
<td></td>
<td>7-1/4&quot;</td>
<td>5-1/4&quot;</td>
<td>10.80Z / 335G</td>
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</tr>
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<td>62002/62003</td>
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<td>5-1/4&quot;</td>
<td>10.80Z / 335G</td>
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<td>5-1/4&quot;</td>
<td>10.80Z / 335G</td>
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<td>5-1/4&quot;</td>
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<td>7-3/4&quot;</td>
<td>5-1/4&quot;</td>
<td>10.90Z / 335G</td>
<td>LEFT</td>
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<td>61988/61987</td>
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<td>10.90Z / 335G</td>
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<td></td>
<td>7-3/4&quot;</td>
<td>5-1/4&quot;</td>
<td>10.90Z / 335G</td>
<td>LEFT</td>
</tr>
</tbody>
</table>

A. Wrist circumference
B. Metacarpal circumference
C. Middle finger length
D. Glove end circumference
E. Length of glove
Female Hands

Female Soft Voluntary Opening (SVO) Hand
HOSMER

- Adjustable prehension from 2lbs-6lbs
- Lightweight, rugged construction
- Low cost alternative
- No maintenance required
- Choice of standard (dorsal) or palmar cable exit
- Available with 1/2-20 or M12 x 1.5mm thread

COSMETIC GLOVE INFORMATION

1yyyyzz3 Micro Coated Vinyl

1yyyyzz4 Expanded MCV
1yyyyzz2 Expanded PVC Standard

3yyyyzz3 Micro Coated Silicone
3yyyyzz1 Silicone

NOTE: yyyy in part number sequence indicates glove number; zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MCP (B)</th>
<th>WRIST TO THUMB</th>
<th>WEIGHT</th>
<th>CABLE EXIT</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>61064</td>
<td>7-1/4&quot;</td>
<td>5-1/4&quot;</td>
<td>10.30Z / 288G</td>
<td>STANDARD CABLE EXIT</td>
<td>LEFT</td>
<td>20701</td>
</tr>
<tr>
<td>61063</td>
<td>7-1/4&quot;</td>
<td>5-1/4&quot;</td>
<td>10.30Z / 288G</td>
<td>STANDARD CABLE EXIT</td>
<td>RIGHT</td>
<td>20702</td>
</tr>
<tr>
<td>61484</td>
<td>7-1/4&quot;</td>
<td>5-1/4&quot;</td>
<td>10.30Z / 288G</td>
<td>PALMAR CABLE EXIT</td>
<td>LEFT</td>
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<td>61483</td>
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<td>5-1/4&quot;</td>
<td>10.30Z / 288G</td>
<td>PALMAR CABLE EXIT</td>
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<td>61999</td>
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<tr>
<td>61998</td>
<td>7-1/4&quot;</td>
<td>5-1/4&quot;</td>
<td>10.30Z / 288G</td>
<td>PALMAR CABLE EXIT</td>
<td>RIGHT</td>
<td>20702</td>
</tr>
</tbody>
</table>
Female Hands

Female Dorrance 300 Mechanical Hand

- Provides voluntary opening of thumb and first two fingers simultaneously
- Adjustable pinch force
- Breakaway release protects wearer if excessive force is applied
- Standard 1/2-20 thread stud

55254  Dorrance 300 Replacement Spring, Regular
55255  Dorrance 300 Replacement Spring, Light

COSMETIC GLOVE INFORMATION

1yyyyzz3  Micro Coated Vinyl
1yyyyzz4  Expanded MCV
1yyyyzz2  Expanded PVC Standard
3yyyyzz3  Micro Coated Silicone
3yyyyzz1  Silicone

NOTE: yyyyy in part number sequence indicates glove number; zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MEASUREMENTS</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MCP (B)</td>
<td>WRIST TO THUMB</td>
<td>WEIGHT</td>
</tr>
<tr>
<td>50541</td>
<td>7” / 16.8CM</td>
<td>4” / 10.1CM</td>
<td>10.5OZ / 298G</td>
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<tr>
<td>50540</td>
<td>7” / 16.8CM</td>
<td>4” / 10.1CM</td>
<td>10.5OZ / 298G</td>
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<tr>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Female Myoelectric Hand

• Proportional control, fast opening and closing electric hand (.35 seconds)
• Lightweight and short hand length
• Unique wrist motion similar to the natural hand function
• Wrist sold separately
• Does not require an inner shell

610 714 011  Centri® Myo Electric Hand 7 1/4, Left
610 714 012  Centri® Myo Electric Hand 7 1/4, Right

Cosmetic Glove

CENTRI

X11 613 XXX  Cosmetic Glove 7 1/4 Female, Left
X11 614 XXX  Cosmetic Glove 7 1/4 Female, Right
X11 615 XXX  Cosmetic Glove 7 3/4 Female, Left
X11 616 XXX  Cosmetic Glove 7 3/4 Female, Right
Female Hands

Quick Change Wrist with Rotation
CENTRI

610 000 001  Centri® Quick Change Wrist with Rotation for Centri® Battery
610 000 002  Centri® Quick Change Wrist Dummy for Lamination

Electrode with Studs, Proportional
CENTRI

A. 610 000 010  Centri® Electrode w/ studs (3 pcs), Proportional
B. 610 000 027  Stud (1 pc)

Control Unit for Myoelectric Hand
CENTRI

610 000 012  Control unit for Centri® Electric Hand
610 000 013  Cable for control unit to Centri Electrode
610 000 031  Control Unit Single Side - Open/Close

Withdrawl Tool
CENTRI

610 000 026  Withdrawl Tool
Female Hands

Quick Change Wrist with Rotation

631 000 004 Touch Pads Kit (3 pcs) TP01
610 000 008 Cable for control unit (to touch pad)

Batteries for Myoelectric Hand

A. 631 000 015 External Use Battery Ni MH 6 V 500 mAh (for external use)
B. 610 000 016 External Use Battery case
C. 631 000 018 Dummy Battery for Lamination
D. 610 000 019 Battery charger 110-240V for Ni MH Battery Traveler Version

E. 610 000 033 Internal Use Battery Li Ion Polymer 7.4 V 1000mAh
F. 610 000 019 Battery charger 110-240V for Li Ion Battery
G. 610 000 022 Charge plug for Li Ion Battery
H. 610 000 021 Sensor for Li Ion Battery

610 000 033 Wire to connect two batteries (not shown)

On/Off Switch

610 000 024 On/Off Switch
Female Hands

Ordering Guide for Centri MYO Electric Hand

CENTRI

610 714 011 Female Myoelectric Hand, Left
610 714 012 Female Myoelectric Hand, Right

NOTE: (7-1/4 Hand Does Not Require Inner Hand Shell)

Option: Centri Electrode w/ Studs
Part No. 610 000 010
(3 pcs)

Option: Touch Pads Kit
Part No. 631 000 004
Part No. 631 000 005

Option: Cable for Otto Bock Battery
Part No. 610 000 026

Quick Change Wrist
Part No. 610 000 001

On/Off Switch
Part No. 610 000 024

Control Unit
Part No. 610 000 012

Option: Centri Internal Battery 7.4 V Li-Ion
Part No. 610 000 020
Battery
Part No. 610 000 021
Battery Sensor
Part No. 610 000 022
Battery Charger Plug

Option: Centri External Battery 6 V Ni MH
Part No. 610 000 015
(2 pcs)

Part No. 610 000 016
**MYO Kit 1 with Li-Ion Battery for Internal Use**

**CENTRI**

- **610 714 111**  Myo Hand 7 1/4, Left
- **610 714 112**  Myo Hand 7 1/4, Right

---

**Centri Electrode**

- Part No. 610 000 010 (3 pcs)

**Quick Change Wrist**

- Part No. 610 000 001
- Part No. 610 000 002 (Dummy)

**On/Off Switch**

- Part No. 610 000 024

**Battery**

- Part No. 610 000 020

**Battery Sensor**

- Part No. 610 000 021

**Battery Charger Plug**

- Part No. 610 000 022

**Battery Charger 110-240V for Li-Ion Battery**

- Part No. 610 000 023

**Withdrawal Tool 3–6 Pol. Plug**

- Part No. 631 000 026

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*info@ortoped.ca*

Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817  
*www.ortoped.ca*
Female Hands

MYO Kit 2 with Ni MH Battery for External Use

CENTRI

610 714 211  Myo Hand 7 1/4, Left
610 714 212  Myo Hand 7 1/4, Right

Part No. 610 000 015
Battery (2 pcs)

Part No. 610 000 016
Battery Case

Part No. 610 000 018
Dummy Battery for Lamination

Part No. 610 000 019
Battery Charger
110-240V for NiMH Battery Traveler Version

Part No. 610 000 001
Quick Change Wrist

Part No. 610 000 024
On/Off Switch

Part No. 610 000 010
Centri Electrode
(3 pcs)

Part No. 610 000 012
Control Unit

Part No. 631 000 026
Withdrawal Tool
3-6 Pol. Plug

Part No. 610 000 010 (3 pcs)
Regal Silicone Gloves

Regal High Definition
Silicone Glove-X Series

- Nails – “Progressive Layering Technology – PLT”
  gives life to all nails in X Series
- Hairs (optional) – hairs can be implanted into each
  finger (black, brown, mix of black and brown)
- Base color – micro pigmentation provides
  additional depth and realism to base color
- X-Series applies to all models

Regal High Definition
Silicone Glove Model 200
(200S, 200C, 200Cxx, 201-205)

- Silicone cosmetic gloves for finger amputations
- Options available: set of four connected fingers
  plus thumb (shown), set of five separated fingers
  or individual fingers with margin thinning
- Glove thickness: 1-1.5 mm
- One year warranty

Regal High Definition
Silicone Glove Model 103

- Silicone cosmetic gloves for partial hand amputation
- Ready-made, all sizes and shapes are pre-designed
- Glove thickness: 2-2.5mm
- Available with or without zipper
- One year warranty

MODEL 103
APPLICATIONS:

MODEL 200
APPLICATIONS:
Regal Silicone Gloves

Regal High Definition Silicone Glove Model 120C/120CL
HOSMER
- Silicone cosmetic gloves for wrist or above wrist disarticulation
- Adjustable fingers
- Foam fillings with optional M12 x 1.5 or standard 1/2" x 20 stud screw
- Glove thickness: 2.5-3mm
- Wire in fingers or hinges available
- Available in long sleeve
- One year warranty

Regal High Definition Silicone Glove Model 120/120L
HOSMER
- Silicone cosmetic gloves for wrist or above wrist disarticulation
- Adjustable fingers
- Foam fillings with optional M12 x 1.5 or standard 1/2" x 20 stud screw
- Glove thickness: 2.5-3mm
- Available in long sleeve
- One year warranty

Regal High Definition Silicone Glove Model 110/110L
HOSMER
- Silicone cosmetic gloves for wrist or above wrist disarticulation
- High definition silicone cosmetic gloves
- Available in long sleeve
- Glove thickness: 2.5-3mm

Regal Silicone Sleeve
HOSMER
- Used to extend cosmetic cover length
- 9-3/4" upper arm circumference
- 9-1/4" elbow circumference
- 6-1/2" wrist circumference
- Sleeve 29 cm in length
- Sleeve 50 cm in length

Regal High Definition Silicone Glove Model 100
HOSMER
- Silicone cosmetic gloves for both myo/mechanical hand mechanisms
- Glove thickness: 2.5-3mm
- One year warranty

Regal Glove Swatch Kit
HOSMER
- 35 colors available
RS100 Regal Glove Color Swatch

REFER TO THE COMPLETE HOSMER REGAL COSMETIC COVERS CATALOG FOR SIZING AND ALL OPTIONS AVAILABLE.
Male Passive Hand

HOSMER

- Gloves come in a convenient "expanded" form widened at the palm and wrist so it can be slipped on easier. The glove is then heated to shrink, achieving a customized fit (not available for silicone gloves)
- MCV-Micro Coated Vinyl / MCS - Micro Coated Silicone, the unique surface of Micro Coating gives low friction against clothing, resists marks and cleans easily
- Available in 18 colors
- Soft foam passive hands
- Standard internal thread M12 x 1.5 mm
- Passive hands have positionable flexible fingers
- Reinforced hands have wired fingers attached to the wrist area. Super-reinforced hands have steel bars in the fingers that attach to the wrist area
- Hard PVC are a lightweight, cosmetically finished shell that slips over the residual limb and does not require a glove

COSMETIC GLOVE INFORMATION

1yyyyyz3 Micro Coated Vinyl
1yyyyyz4 Expanded MCV
1yyyyyz2 Expanded PVC Standard
2yyyyyz1 Hard PVC (Light Prosthesis)
3yyyyyz3 Micro Coated Silicone
3yyyyyz1 Silicone

NOTE: yyyy in part number sequence indicates glove number; zz indicates color.

MEASUREMENT CHART (MM)

<table>
<thead>
<tr>
<th>HAND / GLOVE NO. (XXXXX) / (YYYYY)</th>
<th>SIDE</th>
<th>REMARKS</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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<td>LEFT</td>
<td></td>
<td>143</td>
<td>171</td>
<td>75</td>
<td>206</td>
<td>330</td>
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<td>146</td>
<td>168</td>
<td>75</td>
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<tr>
<td>30911 30912</td>
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<td>156</td>
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<td>83</td>
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<td>30913 30914</td>
<td>LEFT</td>
<td>PROMINENT VEINS</td>
<td>167</td>
<td>197</td>
<td>90</td>
<td>230</td>
<td>370</td>
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<td>167</td>
<td>200</td>
<td>85</td>
<td>225</td>
<td>370</td>
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<td>190</td>
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<tr>
<td>30917 30918</td>
<td>LEFT</td>
<td>LONG FINGERS</td>
<td>178</td>
<td>214</td>
<td>95</td>
<td>224</td>
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<td>178</td>
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<td>STOUT-PLUMP</td>
<td>176</td>
<td>217</td>
<td>92</td>
<td>275</td>
<td>360</td>
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<td>285</td>
<td>370</td>
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</tbody>
</table>
Male Hands

Male Robin-Aids Soft Mechanical Hand
HOSMER

NOTE: This hand has been discontinued, however gloves are still available; the Soft Voluntary Opening (SVO) Hand is the recommended replacement.

COSMETIC GLOVE INFORMATION

1yyyyzz3  Micro Coated Vinyl
1yyyyzz4  Expanded MCV
1yyyyzz2  Expanded PVC Standard
3yyyyzz3  Micro Coated Silicone
3yyyyzz1  Silicone

NOTE: yyyy in part number sequence indicates glove number zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MCP (B)</th>
<th>WRIST TO THUMB</th>
<th>WEIGHT</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>8” / 20.32CM</td>
<td>5-1/4” / 13.3CM</td>
<td>13OZ / 368.6G</td>
<td>LEFT</td>
<td>30703</td>
</tr>
<tr>
<td>N/A</td>
<td>8” / 20.32CM</td>
<td>5-1/4” / 13.3CM</td>
<td>13OZ / 368.6G</td>
<td>RIGHT</td>
<td>30704</td>
</tr>
<tr>
<td>N/A</td>
<td>8-12”</td>
<td>N/A</td>
<td>N/A</td>
<td>LEFT</td>
<td>30703</td>
</tr>
<tr>
<td>N/A</td>
<td>8-12”</td>
<td>N/A</td>
<td>N/A</td>
<td>RIGHT</td>
<td>30704</td>
</tr>
</tbody>
</table>
### Male Soft Voluntary Opening (SVO) Hand

HOSMER

- Adjustable prehension from 2lbs-6lbs
- Lightweight, rugged construction
- Low cost alternative
- No maintenance required
- Choice of standard (dorsal) or palmar cable exit
- Available with standard 1/2-20 or M12 x 1.5mm thread

### COSMETIC GLOVE INFORMATION

<table>
<thead>
<tr>
<th>Glove No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1yyyyyzz3</td>
<td>Micro Coated Vinyl</td>
</tr>
<tr>
<td>1yyyyyzz4</td>
<td>Expanded MCV</td>
</tr>
<tr>
<td>1yyyyyzz2</td>
<td>Expanded PVC Standard</td>
</tr>
<tr>
<td>3yyyyyzz3</td>
<td>Micro Coated Silicone</td>
</tr>
<tr>
<td>3yyyyyzz1</td>
<td>Silicone</td>
</tr>
<tr>
<td>Model 100</td>
<td>Regal Silicone Glove</td>
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</tbody>
</table>

### Male Hands

| Note: yyyy in part number sequence indicates glove number; zz indicates color. |

#### MEASUREMENTS

<table>
<thead>
<tr>
<th>Hand No. (XXXXX)</th>
<th>MCP (B)</th>
<th>Weight</th>
<th>Cable Exit</th>
<th>Side</th>
<th>Glove No. (YYYYY)</th>
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</thead>
<tbody>
<tr>
<td>61066, 61065</td>
<td>7-3/4&quot;</td>
<td>110Z / 308G</td>
<td>STANDARD</td>
<td>LEFT</td>
<td>30703, 30704</td>
</tr>
<tr>
<td>61066, 61065</td>
<td>8-1/4&quot;</td>
<td>110Z / 308G</td>
<td>STANDARD</td>
<td>RIGHT</td>
<td>30707, 30708</td>
</tr>
<tr>
<td>61486, 61485</td>
<td>7-3/4&quot;</td>
<td>110Z / 308G</td>
<td>PALMAR</td>
<td>LEFT</td>
<td>30703, 30704</td>
</tr>
<tr>
<td>61486, 61485</td>
<td>8-1/4&quot;</td>
<td>110Z / 308G</td>
<td>PALMAR</td>
<td>RIGHT</td>
<td>30707, 30708</td>
</tr>
<tr>
<td>61993, 61994</td>
<td>7-3/4&quot;</td>
<td>110Z / 308G</td>
<td>STANDARD</td>
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<td>62006, 62005</td>
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<tr>
<td>61991, 61992</td>
<td>8-1/4&quot;</td>
<td>110Z / 308G</td>
<td>PALMAR</td>
<td>RIGHT</td>
<td>30707, 30708</td>
</tr>
</tbody>
</table>
### Male Soft Voluntary Closing (SVC) Hand

- Locks in any position, unlocks with simple pull of cable
- Internal springs can be adjusted to compensate for hand shell and glove
- Lightweight, rugged construction
- Low cost alternative
- No maintenance required
- Choice of standard (dorsal) or palmar cable exit
- Available with standard 1/2-20 or M12 x 1.5mm thread

#### COSMETIC GLOVE INFORMATION

- 1yyyyzz3 Micro Coated Vinyl
- 1yyyyzz4 Expanded MCV
- 1yyyyzz2 Expanded PVC Standard
- 3yyyyzz3 Micro Coated Silicone
- 3yyyyzz1 Silicone

**NOTE:** yyyyy in part number sequence indicates glove number; zz indicates color.

### Measurements

<table>
<thead>
<tr>
<th>Hand No. (XXXXX)</th>
<th>MCP (B)</th>
<th>Wrist to Thumb</th>
<th>Wrist</th>
<th>Cable Exit</th>
<th>Side</th>
<th>Glove No. (YYYYY)</th>
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<tr>
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<tr>
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<tr>
<td>61795</td>
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<td>5-3/8&quot;</td>
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<tr>
<td>61796</td>
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### 1/2-20 Thread

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<th>MCP (B)</th>
<th>Wrist to Thumb</th>
<th>Wrist</th>
<th>Cable Exit</th>
<th>Side</th>
<th>Glove No. (YYYYY)</th>
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<td>5-3/8&quot;</td>
<td>10.90Z / 339G</td>
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<tr>
<td>62009</td>
<td>8-1/4&quot;</td>
<td>5-3/8&quot;</td>
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<td>61988</td>
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### M12 x 1.5mm Thread

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<td>5-3/8&quot;</td>
<td>11.30Z / 351G</td>
<td>PALMAR</td>
<td>LEFT</td>
<td>30707</td>
</tr>
<tr>
<td>62012</td>
<td>8-1/4&quot;</td>
<td>5-3/8&quot;</td>
<td>11.30Z / 351G</td>
<td>CABLE EXIT</td>
<td>RIGHT</td>
<td>30708</td>
</tr>
</tbody>
</table>
Male Hands

Male Becker Lock Grip Hand

- All five fingers operate
- Locking mechanism provides secure grip
- Size corresponds to MCP circumference
- Standard 1/2-20 thread stud

COSMETIC GLOVE INFORMATION

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1yyyyzz3</td>
<td>Micro Coated Vinyl</td>
</tr>
<tr>
<td>1yyyyzz4</td>
<td>Expanded MCV</td>
</tr>
<tr>
<td>1yyyyzz2</td>
<td>Expanded PVC Standard</td>
</tr>
<tr>
<td>3yyyyzz3</td>
<td>Micro Coated Silicone</td>
</tr>
<tr>
<td>3yyyyzz1</td>
<td>Silicone</td>
</tr>
</tbody>
</table>

NOTE: yyyy in part number sequence indicates glove number; zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MCP (B)</th>
<th>WEIGHT</th>
<th>LENGTH</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>53827</td>
<td>7&quot;</td>
<td>13.60Z / 382G</td>
<td>5-5/8&quot;</td>
<td>LEFT</td>
<td>30911</td>
</tr>
<tr>
<td>53824</td>
<td>7&quot;</td>
<td>13.60Z / 382G</td>
<td>5-5/8&quot;</td>
<td>RIGHT</td>
<td>30912</td>
</tr>
<tr>
<td>50275</td>
<td>7-1/2&quot;</td>
<td>140Z / 392G</td>
<td>5-5/8&quot;</td>
<td>LEFT</td>
<td>30915</td>
</tr>
<tr>
<td>50274</td>
<td>7-1/2&quot;</td>
<td>140Z / 392G</td>
<td>5-5/8&quot;</td>
<td>RIGHT</td>
<td>30916</td>
</tr>
<tr>
<td>53821</td>
<td>8&quot;</td>
<td>14.850Z / 416G</td>
<td>5-5/8&quot;</td>
<td>LEFT</td>
<td>30915</td>
</tr>
<tr>
<td>53818</td>
<td>8&quot;</td>
<td>14.850Z / 416G</td>
<td>5-5/8&quot;</td>
<td>RIGHT</td>
<td>30914</td>
</tr>
<tr>
<td>53822</td>
<td>8-1/2&quot;</td>
<td>15.70Z / 440G</td>
<td>5-5/8&quot;</td>
<td>LEFT</td>
<td>30917</td>
</tr>
<tr>
<td>53819</td>
<td>8-1/2&quot;</td>
<td>15.70Z / 440G</td>
<td>5-5/8&quot;</td>
<td>RIGHT</td>
<td>30918</td>
</tr>
<tr>
<td>53823</td>
<td>9&quot;</td>
<td>160Z / 450G</td>
<td>5-5/8&quot;</td>
<td>LEFT</td>
<td>30917</td>
</tr>
<tr>
<td>53820</td>
<td>9&quot;</td>
<td>160Z / 450G</td>
<td>5-5/8&quot;</td>
<td>RIGHT</td>
<td>30918</td>
</tr>
<tr>
<td>53828</td>
<td>9-1/2&quot;</td>
<td>16.60Z / 465G</td>
<td>5-5/8&quot;</td>
<td>LEFT</td>
<td>30919</td>
</tr>
<tr>
<td>53825</td>
<td>9-1/2&quot;</td>
<td>16.60Z / 465G</td>
<td>5-5/8&quot;</td>
<td>RIGHT</td>
<td>30922</td>
</tr>
<tr>
<td>53829</td>
<td>10&quot;</td>
<td>16.80Z / 467G</td>
<td>5-5/8&quot;</td>
<td>LEFT</td>
<td>30919</td>
</tr>
<tr>
<td>53826</td>
<td>10&quot;</td>
<td>16.80Z / 467G</td>
<td>5-5/8&quot;</td>
<td>RIGHT</td>
<td>30920</td>
</tr>
</tbody>
</table>
Male Hands

Male Dorrance 400 Mechanical Hand
HOSMER

- Provides voluntary opening of thumb and first two fingers simultaneously
- Adjustable pinch force
- Breakaway release protects wearer if excessive force is applied
- Standard 1/2-20 thread stud

55410  Dorrance 400 Replacement Spring

COSMETIC GLOVE INFORMATION

1yyyyzz3  Micro Coated Vinyl
1yyyyzz4  Expanded MCV
1yyyyzz2  Expanded PVC Standard
3yyyyzz3  Micro Coated Silicone
3yyyyzz1  Silicone

NOTE: yyyy in part number sequence indicates glove number; zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MEASUREMENTS</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
<th>REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MCP (B)</td>
<td>WRIST TO THUMB</td>
<td>WEIGHT</td>
<td>LEFT</td>
</tr>
<tr>
<td>50543</td>
<td>8&quot; / 20.32 CM</td>
<td>4.5” / 11.4CM</td>
<td>140Z / 397G</td>
<td>LEFT</td>
</tr>
<tr>
<td>50542</td>
<td>8&quot; / 20.32 CM</td>
<td>4.5” / 11.4CM</td>
<td>140Z / 397G</td>
<td>RIGHT</td>
</tr>
</tbody>
</table>

A. Wrist circumference
B. Metacarpal circumference
C. Middle finger length
D. Glove end circumference
E. Length of glove
Male Hands

Male Myoelectric Hand

- Proportional control, fast opening and closing electric hand (.35 seconds)
- Lightweight and short hand length
- Unique wrist motion similar to the natural hand function
- Wrist sold separately
- Does not require an inner shell

610 734 011    Centri® Myo Electric Hand 7 3/4 and 8 1/4, Left
610 734 012    Centri® Myo Electric Hand 7 3/4 and 8 1/4, Right

Inner Shell for Electric Hand

610 734 009    Myo Hand 7 3/4, Left
610 734 010    Myo Hand 7 3/4, Right
610 814 009    Myo Hand 8 1/4, Left
610 814 010    Myo Hand 8 1/4, Right

Cosmetic Glove

X11 607 XXX    Cosmetic Glove 7 3/4 Male, Left
X11 608 XXX    Cosmetic Glove 7 3/4 Male, Left
X11 619 XXX    Cosmetic Glove 8 1/4 Male, Left
X11 620 XXX    Cosmetic Glove 8 1/4 Male, Left
Male Hands

**Quick Change Wrist with Rotation**

- **610 000 001** Centri® Quick Change Wrist with Rotation for Centri® Battery
- **610 000 002** Centri® Quick Change Wrist Dummy for Lamination

**Electrode with Studs, Proportional**

- A. **610 000 010** Centri® Electrode w/ studs (3 pcs), Proportional
- B. **610 000 027** Stud (1 pc)

**Control Unit for Myoelectric Hand**

- **610 000 012** Control unit for Centri® Electric Hand
- **610 000 013** Cable for control unit to Centri Electrode
- **610 000 031** Control Unit Single Side - Open/Close

**Withdrawl Tool**

- **610 000 026** Withdrawl Tool
Male Hands

Quick Change Wrist with Rotation

631 000 004  Touch Pads Kit (3 pcs) TP01
610 000 008  Cable for control unit (to touch pad)

Batteries for Myoelectric Hand

A. 631 000 015  External Use Battery Ni MH 6 V 500 mAh (for external use)
B. 610 000 016  External Use Battery case
C. 631 000 018  Dummy Battery for Lamination
D. 610 000 019  Battery charger 110-240V for Ni MH Battery Traveler Version
E. 610 000 033  Internal Use Battery Li Ion Polymer 7.4 V 1000mAh
F. 610 000 019  Battery charger 110-240V for Li Ion Battery
G. 610 000 022  Charge plug for Li Ion Battery
H. 610 000 021  Sensor for Li Ion Battery

610 000 033  Wire to connect two batteries (not shown)

On/Off Switch

610 000 024  On/Off Switch
Male Hands

Ordering Guide for Centri MYO Electric Hand

**CENTRI**

**610 734 011**  Centri® Myo Electric Hand 7 3/4 and 8 1/4, Left

**610 734 012**  Centri® Myo Electric Hand 7 3/4 and 8 1/4, Right

**NOTE:** (7-1/4 Hand Does Not Require Inner Hand Shell)

**Option: Centri Electrode w/ Studs**

Part No. 610 000 010

(3 pcs)

**Option: Touch Pads Kit**

Part No. 631 000 004

Part No. 631 000 005

**Option: Cable for Otto Bock Battery**

Part No. 610 000 026

**Quick Change Wrist**

Part No. 610 000 001

**On/Off Switch**

Part No. 610 000 024

**Control Unit**

Part No. 610 000 012

**Option: Centri External Battery 6 V Ni-MH**

Part No. 610 000 015

(2 pcs)

**Option: Centri Internal Battery 7.4 V Li-Ion**

Part No. 610 000 020

Battery

Part No. 610 000 021

Battery Sensor

Part No. 610 000 022

Battery Charger Plug

info@ortoped.ca

Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817

www.ortoped.ca
Male Hands

MYO Kit 1 with Li-Ion Battery for Internal Use

CENTRI

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>610 734 111</td>
<td>Myo Hand 7 3/4, Left</td>
</tr>
<tr>
<td>610 734 112</td>
<td>Myo Hand 7 3/4, Right</td>
</tr>
<tr>
<td>610 814 111</td>
<td>Myo Hand 8 1/4, Left</td>
</tr>
<tr>
<td>610 814 112</td>
<td>Myo Hand 8 1/4, Right</td>
</tr>
</tbody>
</table>

Size 7 3/4 and 8 1/4 Includes an Inner Shell

Part No. 610 000 010 (3 pcs)

Part No. 610 000 012

Part No. 610 000 020

Battery

Part No. 610 000 021

Battery Sensor

Part No. 610 000 022

Battery Charger Plug

Part No. 610 000 023

Battery Charger 110-240V for Li-Ion Battery

Part No. 610 000 024

Part No. 610 000 025

Part No. 631 000 026
Male Hands

**MYO Kit 2 with Ni MH Battery for External Use**

**CENTRI**

610 734 211  Myo Hand 7 3/4, Left
610 734 212  Myo Hand 7 3/4, Right
610 814 211  Myo Hand 8 1/4, Left
610 814 212  Myo Hand 8 1/4, Right

---

**Centri Electrode**

Part No. 610 000 010
(3 pcs)

---

**Quick Change Wrist**

Part No. 610 000 001

---

**On/Off Switch**

Part No. 610 000 024

---

**Control Unit**

Part No. 610 000 012

---

**Battery (2 pcs)**

Part No. 610 000 015

---

**Battery Case**

Part No. 610 000 016

---

**Dummy Battery for Lamination**

Part No. 610 000 018

---

**Battery Charger 110-240V for NiMH Battery Traveler Version**

Part No. 610 000 019

---

**Withdrawal Tool 3-6 Pol. Plug**

Part No. 631 000 026

---

Size 7 3/4 and 8 1/4
Includes an Inner Shell

---

info@ortoped.ca
Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817

www.ortoped.ca
Male Hands

Male Becker Imperial Hand
HOSMER

- Round shaped wire fingers provide secure grip on irregularly shaped objects
- Hand grip is adjustable using screwdriver
- Standard 1/2-20 thread stud

59034 Inner Cloth Glove (Optional)

COSMETIC GLOVE INFORMATION

1yyyyzz3 Micro Coated Vinyl
1yyyyzz4 Expanded MCV
1yyyyzz2 Expanded PVC Standard
3yyyyzz3 Micro Coated Silicone
3yyyyzz1 Silicone

NOTE: yyyy in part number sequence indicates glove number; zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MEASUREMENTS</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50317</td>
<td>8&quot; / 20.32CM</td>
<td>LEFT</td>
<td>30913</td>
</tr>
<tr>
<td>50316</td>
<td>8&quot; / 20.32CM</td>
<td>RIGHT</td>
<td>30914</td>
</tr>
</tbody>
</table>
### Male APRL Voluntary Closing Hand

**HOSMER**

- Moveable thumb and two fingers
- Self-locking at any finger position
- Two thumb positions permit easy handling of objects
- Standard 1/2-20 thread stud

**52462 Replacement Hand Cable, APRL Voluntary Control**

### COSMETIC GLOVE INFORMATION

1. **1yyyyyyzz3** Micro Coated Vinyl
2. **1yyyyyyzz4** Expanded MCV
   - **1yyyyyyzz2** Expanded PVC Standard
3. **3yyyyyyzz3** Micro Coated Silicone
   - **3yyyyyyzz1** Silicone

**NOTE:** yyyyy in part number sequence indicates glove number; zz indicates color.

### HAND NO. (XXXXX) MEASUREMENTS

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MCP (B)</th>
<th>WRIST TO THUMB</th>
<th>WEIGHT</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
<th>REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>52541 52540</td>
<td>8” / 20.32CM</td>
<td>5” / 12.7CM</td>
<td>12.50Z / 354G</td>
<td>LEFT</td>
<td>30707 30708</td>
<td>100MLL 100MRL</td>
</tr>
<tr>
<td></td>
<td>8” / 20.32CM</td>
<td>5” / 12.7CM</td>
<td>12.50Z / 354G</td>
<td>RIGHT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Measurements

- **A. Wrist circumference**
- **B. Metacarpal circumference**
- **C. Middle finger length**
- **D. Glove end circumference**
- **E. Length of glove**
Male Hands

Male Sierra Voluntary Opening Hand

HOSMER

- Back lock feature operates in all finger positions
- Two thumb positions permit easy handling of objects
- Standard 1/2-20 thread stud

52578  Replacement Hand Cable, Sierra Voluntary Opening

COSMETIC GLOVE INFORMATION

1yyyyzz3  Micro Coated Vinyl
1yyyyzz4  Expanded MCV
1yyyyzz2  Expanded PVC Standard
3yyyyzz3  Micro Coated Silicone
3yyyyzz1  Silicone

NOTE: yyyyy in part number sequence indicates glove number; zz indicates color.

<table>
<thead>
<tr>
<th>HAND NO. (XXXXX)</th>
<th>MEASUREMENTS</th>
<th>SIDE</th>
<th>GLOVE NO. (YYYYY)</th>
<th>REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>52566</td>
<td>8&quot; / 20.32CM</td>
<td>LEFT</td>
<td>30707</td>
<td>100MLL</td>
</tr>
<tr>
<td>52565</td>
<td>8&quot; / 20.32CM</td>
<td>LEFT</td>
<td>30708</td>
<td>100MRL</td>
</tr>
</tbody>
</table>
Hands

Dorrance Hand Fairings
HOSMER

• Filler piece between hand and forearm

53873  Fairing, for DH-400 Hand (50542)
55250  Fairing, for DH-401 Hand (50543)
53874  Fairing, for DH-300 Hand (50540)
55421  Fairing, for DH-301 Hand (50541)
53875  Fairing, for DH-200 Hand (50538)
55448  Fairing, for DH-201 Hand (50539)

Color Swatch Kit for Dream Skin and Gloves
HOSMER/CENTRI

611200002  Glove Color Swatch Kit,
            For Cosmetic Gloves and Hard PVC Passive Hands
59034  Inner Cloth Glove (Not Pictured)
51218  Glove Donner (Not Pictured)

Partial Hand - Custom Fabricated
CENTRI

• Positive plaster cast of residual limb in neutral, relaxed position is required
• Cast should be same length as required length of glove
• Second cast of healthy side is recommended for size and structure

613010100  Partial Hand, with PVC Glove - Initial Order
613010200  Partial Hand, with PVC Glove - Repeat Order
613010500  Partial Hand, with MCV Glove - Initial Order
613010600  Partial Hand, with MCV Glove - Repeat Order
613010101  Partial Hand, with Silicone Glove - Initial Order
613010201  Partial Hand, with Silicone Glove - Repeat Order
613010501  Partial Hand, with MCS Glove - Initial Order
613010601  Partial Hand, with MCS Glove - Repeat Order
Hand Cuff
HOSMER

- Used to cover Forearm Lengthener when changing from APRL Hook to APRL Hand
- Specify skin color of your choice from color swatch kit

51149  Hand Cuff, HC-100, Right
61008  Hand Cuff, HC-100, Left
FM Quick Change Wrist

Includes:
A. 59522 Laminating Ring
B. 58299 Body
C. 58287 Nut plate
D. 51060 Gear
E. 51052 Insert, Standard 1/2-20 Thread; 1 oz (28.35g)
F. 51046 Yoke
G. 51059 Spring
H. 51057 Screw
I. 51058 Spring
J. 51045 Plate
K. 51058 Spring
L. 58305 Body Assembly (Shown In Photograph)

• Designed for quick changes of terminal device or its positions
• Light pressure on button unlocks wrist and permits free rotation of hook or hand
• Heavier pressure on button allows terminal device to be detached from wrist
• Pressure on end of terminal device will re-set and lock it into position
• Laminating ring version available
• Available with standard 1/2-20 or M12 x 1.5mm thread
**Ti Quick Change Wrist**

HOSMER

- Weighs 3.7oz
- Lightweight and strong
- Designed for quick changes of terminal device or its positions
- Light pressure on button unlocks wrist and permits free rotation of hook or hand
- Heavier pressure on button allows terminal device to be released
- Available with 1/2-20 or M12 x 1.5mm thread

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>62435</td>
<td>Quick Change Wrist, Laminating Ring, M12 x 1.5mm</td>
</tr>
<tr>
<td>58229</td>
<td>Insert, Metric M12 x 1.5mm</td>
</tr>
<tr>
<td>62436</td>
<td>Quick Change Wrist, Laminating Ring, 1/2-20</td>
</tr>
<tr>
<td>51052</td>
<td>Insert, Standard 1/2-20</td>
</tr>
</tbody>
</table>

**Wrist Socket with Ball Lock**

CENTRI

- 360 degrees of rotation
- Quick release for ease in changing terminal devices

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>631060100</td>
<td>Wrist Socket, with Ball Lock, 60mm Diameter for Long Stem</td>
</tr>
<tr>
<td>631060200</td>
<td>Wrist Socket, with Ball Lock, 60mm Diameter for Short Stem</td>
</tr>
<tr>
<td>631040100</td>
<td>Wrist Socket, with Ball Lock, 40mm Diameter for Long Stem</td>
</tr>
</tbody>
</table>
WRISTS

WD Quick Change Wrist

- Permits quick changes of terminal device or its position
- Wrist face is rotated in one direction to allow removal of terminal device
- Rotating in opposite direction will place terminal device in free rotation
- Central position of wrist face locks position of terminal device and will not turn or pull out of wrist
- Standard 1/2-20 thread

52127  WD Quick Change Wrist, WD-400; Aluminum Insert; 2", (5.1cm) Diameter; 3.75oz (99g)

52128  WD Quick Change Wrist, WD-400S; Stainless Steel Sleeve And Insert; 4.25oz (120g)

53896  WD Quick Change Wrist, WD-400SS; All Stainless Steel Wrist And Insert; 7.1oz (201.3g)

Includes:

A.  52129  Body, WD-400
     52130  Body, WD-400S
     52131  Body, WD-400SS

B.  50527  Insert, WD-400
     50528  Insert, WD-400S and 400SS

C.  52133  Cover Assembly, WD-400 and 400S
     56009  Cover Assembly, WD-400SS

D.  54661  Spring Lock

E.  52136  Retaining Ring

F.  52139  Washer

G.  55510  Felt Oiling Pad

H.  50873  Roll Pin

I.  50166  Screw

UCLA CAPP Delrin Body Friction Wrists

- Constant friction applied with unique friction adjustment collar
- Standard 1/2-20 thread

55108  CAPP Wrist 1412, 1-1/2" (3.8cm) Diameter; .75oz (21g)

55109  CAPP Wrist 1413, 1-3/4" (4.4cm) Diameter; 1oz (28g)

55110  CAPP Wrist 1414, 2" (5.1cm) Diameter; 1.5oz (42g)

Includes:

A.  52805  Housing, 55110
     55106  Housing, 55109
     55105  Housing, 55108

B.  59711  Clamp Assembly

C.  56661  Socket Head Screw
     55313  Allen Wrench, (Not Shown)
OW Oval Friction Wrist
HOSMER

• Same function as Nylon Friction WE Wrist
• Recommended for mechanical or passive hands
• Laminating ring version available
• Standard 1/2-20 thread

51618  OW-75N Medium Small Size, 2x1.5" (5.1x3.8cm); 2oz (57g)
51623  OW-100N Adult Size, 2.25x1.63", (5.7x4.1cm); 2.5oz (71g)

Includes:
A. 51627  Body, OW-100N
   51621  Body, OW-75N
B. 52151  Insert, Includes 52155
C. 52152  Face Screw
   52155  Set Screw, 52151 (Not Shown)
   52154  Allen Wrench, (Shown Below as D)

58697  OW-100NLR, with Laminating Ring; 2.25x1.63" (5.7x4.1cm)

Includes:
A. 59526  Laminating Ring
B. 58695  Body Assembly
C. 58682  Screw, #4-40 4 Required
D. 52154  Allen Wrench

51622  OW-100 Adult Size Aluminum

Includes:
A. 51624  Body, 51622
B. 52171  Rubber
C. 52172  Cover
D. 52173  Brass Washer

58700  OW-100LR with Laminating Ring, 2.25x1.63" (5.7x4.1cm)

Includes:
A. 59526  Laminating Ring
B. 58698  Body Assembly
C. 52171  Bushing
D. 52172  Cover
E. 52173  Washer, 2 Each
F. 70242  Screw, #8-32, 2 Each
WE Friction Wrist

HOSMER

- Permits terminal device to be rotated to any position
- Friction is easily adjusted by set screw in body of wrist
- Friction insert has stainless steel lead threads and is replaceable
- Standard 1/2-20 thread
- Laminating ring version available

52147  WE-200N Child Size, 1-1/2" (3.8cm) Diameter; 1.5oz (42g)
52156  WE-300N Medium Size, 1-3/4" (4.4cm) Diameter; 2oz (57g)
52160  WE-500N Adult Size, 2" (5.1cm) Diameter; 2.6oz (74g)

Includes:
A.  52166  Body, WE-500N
52157  Body, WE-300N
52148  Body, WE-200N
B.  52151  Insert Assembly, WE-500, 300 and 200N
C.  52152  Screw, WE-500, 300 and 200N
52154  Allen Wrench (Not Shown)
52155  Set Screw (Not Shown)

58688  WE-300NLR Medium Size with Laminating Ring, 1-3/4" (4.4cm) Diameter; 2.3oz (65.2g)
58684  WE-500NLR Adult Size with Laminating Ring, 2" (5.1cm) Diameter; 2.9oz (82.2g)

Includes:
A.  59522  Laminating Ring, WE-500NLR
59523  Laminating Ring, WE-300NLR
B.  58685  Body Assembly, WE-500NLR
58689  Body Assembly, WE-300NLR
C.  58287  Nut plate, WE-500NLR Only
D.  58282  Screw #4-40 4 Req, WE-500NLR
58682  Screw #4-40 4 Req, WE-300NLR
E.  52154  Allen Wrench
52155  Set Screw (Not Shown)

WE Friction Wrist Infant Size

HOSMER

- Insert is pressed in and non-replaceable
- Standard 1/2-20 thread

52142  WE-100N Infant Size, 1oz (28g); 1-1/4" (3.2cm) Diameter
52312  Set Screw, WE-100N, (Not Shown)
52153  Allen Wrench (Not Shown)
**APRL Child Flexion Wrist**

- Installs between terminal device and wrist allowing manual positioning of terminal device
- Flexes at 0 and 36 degrees
- 1-1/16” (2.7cm) long, 1.5oz (42g)
- Recommended for use with WE-100N
- Standard 1/2-20 thread and stud

**Sierra Wrist Flex Unit**

- Lever selects three positions, 0, 25 or 50 degrees of flexion
- 1-7/16” (3.6cm) long, 4oz (113g)
- Standard 1/2-20 thread and stud

**Includes:**
- A. 52177 Body
- B. 52179 Rocker
- C. 52182 Friction Plug
- D. 52185 Set Screw
- E. 52183 Screw
- F. 52181 Plunger
- G. 52180 Spring
- H. 72056 Set Screw

**52176 APRL Child Wrist Flexion Unit WF-50**

**Sierra Wrist Flex Unit 18-00**

**Includes:**
- A. 52380 Base
- B. 52375 Lever
- C. 52466 Pin
- D. 54954 Rocker
- E. 52372 Rocker Bushing
- F. 52379 Cover
- G. 52301 Screw
- H. 52790 Pin
- I. 52378 Plug
- J. 52300 Set Screw
- K. 52376 Compression Spring
**Wrist**

**FW Flexion Friction Wrist**

**HOsmerr**

- May be flexed and locked 0, 30, or 50 degrees by means of a lever
- Automatic locking in all settings
- Easily adjusted friction resistance
- Recommended for use with hooks only
- Available with standard 1/2-20 or M12 x 1.5mm thread

51078  FW Flexion Wrist, FW-200 Child Size; 1-1/2” (3.8cm) Diameter; 1.75oz (49g), Standard 1/2-20 Thread
51084  FW Flexion Friction Wrist, FW-300 Medium-Small Size; 1-3/4” (4.4cm) Diameter; 2.5oz (71g), Standard 1/2-20 Thread
51100  FW Flexion Friction Wrist, FW-500 Adult Size; 2” (5.1cm) Diameter; 3.25oz (92g), Standard 1/2-20 Thread
51101  FW Flexion Friction Stainless Wrist, FW-500S Adult Size; 2” (5.1cm) Diameter; 7.8oz (221g), Standard 1/2-20 Thread
58221  FW-200, Child, M12 x 1.5mm
58220  FW-300, Small-Medium, M12 x 1.5mm Thread
58219  FW-500, Adult, M12 x 1.5mm Thread

Includes:

A.  51102  Body, FW-500
    51085  Body, FW-300
    51079  Body, FW-200
    51103  Body, FW-500S

B.  51104  Cover, FW-500
    51086  Cover, FW-300
    51080  Cover, FW-200
    51105  Cover, FW-500S

C.  51117  Lever Lock Assembly, FW-500 and 500S
    51089  Lever Lock Assembly, FW-300
    51083  Lever Lock Assembly, FW-200

D.  51106  Locking Pin, FW-500 and 500S
    51087  Locking Pin, FW-300
    51081  Locking Pin, FW-200

E.  51114  Swivel Base Assembly, FW-500,300 and 200, Standard 1/2-20 Thread
    52830  Swivel Base Assembly, FW-500S, Standard 1/2-20 Thread
    58218  Swivel Base Assembly, FW-200,300,500,mm

F.  51111  Spring FW-500, 300 and 500S
    51082  Spring FW-200

G.  50571  Screw FW-500 and 500S
    51825  Screw FW-300
    70058  Screw FW-200

H.  52154  Allen Wrench
    52155  Adjustment Screw (Not Shown)

**Shapeable Passive Hand Wrist**

**HOsmerr**

- Lightweight wrist designed for use with passive hands
- Available in three sizes to fit from smallest child passive hand to largest male passive hand
- ABS Material can be shaped down to provide smooth transition from hand to forearm
- Constant friction applied with unique friction collar
- Standard 1/2-20 thread

62022  Wrist, Shapeable, Small (1.90” x 1.40”)
62021  Wrist, Shapeable, Medium, Oval (2.20” x 1.50”)
62020  Wrist, Shapeable, Large, Oval (2.60” x 1.70”)

Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817 | www.ortoped.ca
Friction Disconnect Wrists
HOSMER
- Provides manual friction adjustment and quick disconnect feature
- Manual friction is easily adjusted
- Free rotation achieved by depressing push lever to first position; at second position, insert disconnects from wrist body
- Detachable laminating ring
- Standard 1/2-20 thread

58150 Friction Disconnect, with Laminating Ring,
Oval, 2.25x1.63" (5.7cmx4.1cm) Diameter, 4.3oz (121.9g)
58151 Friction Disconnect, with Laminating Ring,
1-3/4" (4.4cm) Diameter, 3.6oz (102.1g)
58152 Friction Disconnect, with Laminating Ring,
2" (5.1cm) Diameter, 4.2oz (119.1g)

Includes:

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<th>OVAL</th>
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<th>LARGE</th>
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<td>B. Body Assembly</td>
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<td>C. Nut plate</td>
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<td>D. Insert</td>
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<td>E. Screw (4 each)</td>
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<td>58282</td>
<td>58283</td>
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<tr>
<td>F. Allen Wrench</td>
<td>52154</td>
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<td>52154</td>
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</tbody>
</table>

WA Disarticulation Friction Wrist
HOSMER
- Stainless steel friction wrist may be laminated directly onto socket end
- Rubber and brass washers
- Standard 1/2-20 thread

52119 WA Disarticulation Friction Wrist,
WA-600A, Small-Med Size; 1-3/8" (3.5cm) Diameter; 2oz (57g)
52117 WA Disarticulation Friction Wrist,
WA-600, Adult Size; 1-3/4" (4.4cm) Diameter; 2.5oz (71g)

Includes:

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<td>B.</td>
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<td>Cover, WA-600</td>
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<td>52172</td>
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<td>D.</td>
<td>52173</td>
<td>Brass Washer</td>
<td></td>
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</tbody>
</table>
Economy Wrist

HOSMER

- Available with aluminum, stainless steel or titanium body
- Stainless steel threaded bushing fits into body
- Titanium version is lightweight and corrosion resistant
- Standard 1/2-20 thread

52159  WE-500, Aluminum Wrist, Threaded Stainless Steel Bushing; 2” (5.1cm) Diameter; 2.25oz (64g)

52162  WE-500S, Stainless Steel Wrist; 2” (5.1cm) Diameter; 4.75oz (134g)

59491  Titanium Economy Wrist, 2” (5.1cm) Diameter; 3.28oz (93g)

A. 52164  Body, WE-500
   52831  Body, WE-500S
   59490  Body, Titanium Wrist
B. 52171  Rubber
C. 52172  Cover, WE-500
   59464  Cover, WE-500S and Titanium Wrist
D. 52173  Brass Washer

58690  WE-500LR, Aluminum Wrist with Laminating Ring
58208  WE-500, 2”, Aluminum, M12 x 1.5mm
58209  WE-500S, 2”, Stainless Steel, M12 x 1.5mm

Includes:
A. 59522  Laminating Ring
B. 58693  Body, 58690
C. 58692  Nut Plate
D. 58283  Screw, 4 Each
E. 52171  Rubber
F. 52172  Cover
G. 52173  Washer, 2 Each
Economy Wrist With Straps

Includes:

A. 52169 Body, with Straps for 52163
B. 52171 Rubber
C. 59464 Cover
D. 52173 Brass Washer

52163 WE-500SL Heavy Duty Economy Wrist, Stainless Steel with Straps, 2" (5.1cm) Diameter; 6oz (170g)
59463 Titanium Economy Wrist, with Straps; 2" (5.1cm) Diameter; 5oz (140g)

Arm Frames

Includes:

A. 55963 Stainless Steel Arm Frame 620, 11 1/2" (29.2cm) Overall Length, Standard 1/2"-20 Screw in Disconnect
B. 54201 Stainless Steel Arm Frame 620W, Oval Wrist Disarticulation, 11 1/2" (29.2cm) Overall Length, Standard 1/2"-20 Screw in Disconnect
**Four Function Wrist**

**HOSMER**

- Combination of two tried and true Hosmer wrists (Rotational and Sierra Flexion Wrist)
- Momentary release for rotation with spring return
- Adjustable return spring force
- Full 360 degrees of rotation with one cable pull
- Eighteen locking positions
- Lever selects three positions, 0, .25, or 50 degrees of flexion
- New and improved cosmetic cover

**62268 Four Function Wrist, Standard 1/2-20 Thread, Aluminum**

*Includes:*

A. 61875 Rotational Wrist
B. 52371 Sierra Wrist Flexion Unit
C. 62267 Support Ring
D. 62266 Spring Pin
E. 62265 Spring Stop Pin
F. 62264 Spring Torsion Rotation Wrist, *Right Hand Wind*
G. 62261 Spring Torsion Rotation Wrist, *Left Hand Wind*
H. 62263 Nut Hex #10 (.190)-32

**Rotational Wrist**

**HOSMER**

- Same as USMC rotation wrist
- Full 360 degrees of rotation with one cable pull
- Eighteen locking positions
- Uses Hosmer style laminating ring
- 2” diameter
- Available with standard 1/2-20 or M12 x 1.5mm thread

**61875 Rotational Wrist, Standard 1/2-20 Thread**  
**61905 Rotational Wrist, M12 x 1.5mm Thread**

*Includes:*

A. 56191 Cable Housing, *Bulk (3 Each)*
B. 58287 Nut Plate, 2”
C. 59522 Laminating Ring, *Body 2”*
D. 61788 Screw, SHC, 4–40 x .50 LG (4 Each)
E. 61887 Wrist Body
F. 61886 TD Receiver, 1/2-20
G. 61878 TD Receiver, M12 x 1.5mm
H. 61885 Spacer
I. 61884 Wrist Body Lid, 1/2-20
J. 61888 Wrist Body Lid, M12 x 1.5mm
K. 61883 Shim Bearing (2 Each)
L. 61882 Bottom Bolt, 1/2-20
M. 61877 Bottom Bolt, M12 x 1.5mm
N. 61881 Lock Pin Return Spring
O. 61879 Teflon Tube Bumper
P. 61876 Cable Assembly
WedgeGrip Wrist

Hosmer

- Same as USMC WedgeGrip
- Adjustable friction control with metal to metal fixation
- Available in round or oval style
- Uses Hosmer style laminating ring
- Available with standard 1/2-20 or M12 x 1.5mm thread

61897 WedgeGrip Wrist, Round, 2", Standard 1/2-20, Aluminum
62351 WedgeGrip Wrist, Round, 1.75", Standard 1/2-20, Aluminum
62354 WedgeGrip Wrist, Oval 2" x 1.5", 1/2-20, Aluminum
61970 WedgeGrip Wrist, Oval, 2.25" x 1.63", Standard 1/2-20, Aluminum
62175 WedgeGrip Wrist, Oval, 2.25" x 1.63", M12 x 1.5mm, Aluminum
62174 WedgeGrip Wrist, Round, 2", M12 x 1.5mm, Aluminum

Includes:

A. 59522 Laminating Ring Body, Round 2"
   59523 Laminating Ring Body, Round 1.75"
B. 62357 Laminating Ring Body, Oval, 2" x 1.5"
   59526 Laminating Ring Body, Oval, 2.25" x 1.63"
C. 58287 Nut Plate, Round 2"
D. 61896 Body Sub-Assembly, Round 2"
   62352 Body Sub-Assembly, Round 1.75"
   62177 Body Sub-Assembly, Round 2", M12 x 1.5mm
   62176 Body Sub-Assembly, Oval 2.25" x 1.63", M12 x 1.5mm
E. 62355 Body Sub-Assembly, Oval 2" x 1.5"
   61969 Body Sub-Assembly, Oval 2.25" x 1.63"
F. 61904 Cover, Round 2"
   62353 Cover, Round 1.75"
G. 62356 Cover, Oval 2 x 1.5"
   61968 Cover, Oval 2.25" x 1.63"
H. 58283 Cover Screw, Round 2" (4 Each)
   52338 Cover Screw, Round 1.75", Ovals (4 Each)
I. 55313 Allen Wrench, 7/64
Wrists

Quick Disconnect Wrist - USMC Style

HOSMER

- Same as USMC Disconnect Wrist
- Available in round or oval
- Quick changes and pro/supination lock
- Twelve locking positions
- Light pressure indexes pro/supination
- Heavier pressure detaches terminal device completely
- Push to lock
- Uses Hosmer style laminating ring
- Available with standard 1/2-20 or M12 x 1.5mm thread

61862 Quick Disconnect Wrist, Round 2", 1/2-20, Aluminum
62345 Quick Disconnect Wrist, without Insert, Round 1.75", Aluminum
62342 Quick Disconnect Wrist, Round 1.75", 1/2-20, Aluminum
62343 Quick Disconnect Wrist, Oval 2" x 1.5", 1/2-20, Aluminum
62344 Quick Disconnect Wrist, without Insert, Oval 2" x 1.5", Aluminum
61921 Quick Disconnect Wrist, Oval 2.25"x1.63", 12mm, Aluminum
61863 Quick Disconnect Wrist, Round 2", M12 x 1.5mm, Aluminum
61922 Quick Disconnect Wrist, Oval 2.25"x1.63", 1/2-20, Aluminum

61860 Quick Disconnect Wrist, Insert Only, 1/2-20, Stainless Steel
61861 Quick Disconnect Wrist, Insert Only, M12 x 1.5mm, Stainless Steel

Includes:

A. 58286 Screw, Socket Head 4-40 x .625, Round 2", (5 Each)
   62513 Screw, Flat Head 4-40 x 3/8, Round 1.75" (4 Each)
B. 51019 Screw, Socket Head 8-32 x 3/8, Oval 2.25"x1.63" (4 Each)
   52338 Screw, Flat Head 4-40 x 3/8, Oval .2" x 1.5" (2 Each)
C. 59522 Laminating Ring Body, Round 2"
   59523 Laminating Ring Body, Round 1.75"
   59526 Laminating Ring Body, Oval 2.25" x 1.63"
D. 62357 Laminating Ring Body, Oval 2" x 1.5"
E. 61865 Nut Plate, Round 2", 5-Hole
F. 61866 Wrist Body, Round 2"
G. 62348 Wrist Body, Round 1.75"
H. 62346 Wrist Body, Round 2" x 1.5"
   61918 Wrist Body, Oval 2.25" x 1.63"
I. 61852 Pin Dowel, .094 x 1.000"
J. 61853 Release Button, Round 2", Oval 2.25"x1.63"
   62349 Release Button, Round 1.75"
   62346 Release Button, Oval 2" x 1.5"
K. 61854 Wrist Cover, Round 2"
   62350 Wrist Cover, Round 1.75"
   61919 Wrist Cover, Oval 2.25" x 1.63"
L. 61856 Compression Spring, .010
M. 61857 Compression Spring, .026
N. 61860 Quick Disconnect Insert, 1/2-20
   61861 Quick Disconnect Insert, M12 x 1.5mm

NOTE: These are not sold separately
**E-400 Elbow**

**HOSMER**

- Eight to eleven locking positions and accommodates lift assist unit on left or right side
- Heavy duty saddle straps for the E-400 available on special order
- Supplied with caucasian elbow cap unless otherwise specified

**Includes:**

A. 62441 Short Sleeve
B. 62440 Long Sleeve
C. 62243 Internal Assembly, E-400 and E-400HD (Part list on next page)
D. 62245 Internal Assembly, E-400A and E-400HD-A (Part list on next page)
E. 50667 Lock Nut
F. 60668 Belleville Washer (2 required)
G. 50658 Turntable, E-400, 400HD
H. 50659 Turntable, E-400A
I. 50665 Cork Washer
J. 50719 Shaft
K. 50740 Screw (2 required)
L. 50724 Cable Assembly, E-400, E-400HD, E-400XHD and Power-Bow
M. 55705 Cable Assembly, E-400A and E-400HD-A
N. 62235 Gear Sector, E-400 and E-400A
O. 62236 Gear Sector, Heavy Duty for E-400HD-A, E-400HD and E-400XHD
P. 62237 Gear Sector, Extra Heavy Duty for E-400XHD and Power-Bow
Q. 50742 Sheet Metal Screw, E-400, E-400A, E-400HD-A, E-400HD and E-400XHD (4 required)
R. 50741 Elbow Cap, Caucasian, E-400, E-400HD
S. 50427 Anchor
T. 50747 Hanger
U. 50680 Bolt
V. 50678 Screw (4 required)
W. 50722 Bearing (2 required)

**NOTE:** See Next Page for Sub Assembly Information
E-400 Elbow Sub Assemblies

**AA.** 62242 Internal Cage Assembly for E-400 and E-400HD
       62246 Internal Cage Assembly for E-400A and E-400HD-A

**BB.** 50677 Base for E-400 and E-400HD
       60661 Base for E-400A and E-400HD-A

**CC.** 50679 Screw for E-400, E-400A, E-400HD-A and E-400HD (3 required)
       50680 Bolt for E-400, E-400A, E-400HD-A and E-400HD
       50715 Locking Bar Spring for E-400, E-400A, E-400HD-A and E-400HD
       50744 Cable Guide for E-400A and E-400HD-A only (not shown)

**ZZ.** 50671 Yoke
       AAA. 50675 Nut
       BBB. 50674 Bumper
       CCC. 50758 Yoke Cover, Right
             50773 Yoke Cover, Left
       DDD. 50761 Screw

**60143** Yoke Assembly, E-400 XHD
**60664** Yoke Assembly, Power Bow

**62242** Internal Cage Assembly, E-400 and E-400HD
**62246** Internal Cage Assembly, E-400A and E-400HD-A
**62248** Internal Cage Assembly, E-400XHD and Power-Bow

**FF.** 62246 Cage for E-400 and E-400HD
       62242 Cage for E-400A and E-400HD-A
       62239 Cage for E-400XHD and Power-Bow

**GG.** 50684 Cam Bearing
**HH.** 50831 Screw (2 required)
**II.** 50687 Cam for E-400, E-400A, E-400HD, E-400HD-A, E-400HD
       60079 Cam for E-400XHD and Power-Bow

**JJ.** 50689 Spring
**KK.** 50701 Washer
**LL.** 50160 Retaining Ring

**MM.** 50709 Ratchet Assembly
**NN.** 50714 Locking Bar
**OO.** 50813 Case Pin
**PP.** 50713 Cable Pin

**QQ.** 55561 Lever Assembly
**RR.** 50746 Lever Swivel

**APPLY LOCTITE SPARINGLY TO BACK SIDE**

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E-400 Elbow Sub Assemblies (continued)
HOSMER

50709  Rachet Assembly

Includes:
- SS.  50711  Spacer
- TT.  50712  Screw
- UU.  50708  Keeper
- VV.  50710  Ratchet

55561  Lever Sub Assembly

Includes:
- WW.  50630  Pawl
- XX.  50705  Spring
- YY.  50706  Pin
- ZZ.  50688  Lever
Elbows

**E-200 Elbow**

* Medium size mechanical elbow with eleven locking positions

50606 E-200 Elbow with Outside Cable Exit, 2-3/8" (6.1cm) Diameter; 12.5oz (350g); 2" (5.1cm) Elbow Axis to Socket End

50610 E-200A Elbow with Inside Cable Exit

50613 E-200HD Heavy Duty Elbow, Nine Locking Positions

Includes:

- A. 50646 Yoke Assembly
- B. 54155 Internal Assembly
- C. 50576 Cable Lever, E-200A
- D. 50724 Cable Assembly
- E. 50744 Guide, E-200A
- F. 50455 Cable Housing
- G. 50423 Ferrule
- H. 50457 Cable Housing Cover
- I. 50637 Gear Sector, E-200
- 50638 Gear Sector, E-200HD
- J. 50642 Long Sleeve
- K. 50640 Shaft
- L. 50641 Sleeve Short
- M. 50722 Bearing
- N. 50615 Cork
- O. 50614 Turntable, E-200
- 50617 Turntable, E-200A and HD
- P. 50668 Belleville Washer
- Q. 50667 Lock Nut
- R. 50643 Saddle Assembly, E-200
- 50912 Saddle Assembly, E-200HD
- S. 50729 Washer
- T. 50749 Outside Washer
- U. 50740 Screw
- V. 50645 Elbow Cap, Caucasian, E-200
- 54437 Elbow Cap, Caucasian, E-200A
- 54434 Elbow Cap, Light Brown, E-200A
- 54431 Elbow Cap, Medium Brown, E-200A
- 54428 Elbow Cap, Dark Brown, E-200A
- 54435 Elbow Cap, Light Brown, E-200
- 54432 Elbow Cap, Medium Brown, E-200
- 54429 Elbow Cap, Dark Brown, E-200
- W. 50742 Screw
- X. 50427 Anchor
- Y. 50747 Hanger
- Z. 50745 Swivel Lever, E-200A
- AA. 50634 Cotter Pin, E-200A
- BB. 50725 Cable Housing Assembly with Ferrule

*Note: See Next Page for Sub Assembly Information*
**E-200 Elbow**

HOSMER

**50646** Yoke Assembly

*Includes:*

- CC. 50675 Nut
- DD. 50674 Bumper
- EE. 50621 Yoke

**54155** Internal Assembly

*Includes:*

- FF. 50647 Internal Cage Assembly
- GG. 50680 Bolt
- HH. 50636 Locking Bar Spring
- II. 50624 Base
- JJ. 50679 Screw

**50647** Internal Cage Assembly

*Includes:*

- KK. 50625 Cage
- LL. 50635 Locking Bar
- MM. 50813 Pin
- NN. 50628 Cam
- OO. 50629 Spring
- PP. 50626 Cam Bearing
- QQ. 50627 Screw
- RR. 50632 Ratchet
- SS. 50648 Lever Assembly

**50648** Lever Assembly

*Includes:*

- RR. 50630 Pawl
- SS. 50705 Spring
- TT. 50574 Lever
- UU. 50706 Pin
Elbows

E-50 Elbow
HOSMER

• Child size mechanical elbow with ten locking positions

50556  E-50 Elbow with Outside Cable Exit, 2” (5.1cm), Diameter; 7.5oz (210g); 1-3/4” (4.4) Elbow Axis to Socket

End

50557  E-50A Elbow, with Inside Cable Exit

Includes:

• A.  59577  Yoke Assembly
B.  50564  Bolt
C.  50570  Base
D.  50571  Screw
E.  56111  Gear Sector
F.  55407  Short Pin
G.  55237  Long Pin
H.  50576  Cable Pin
I.  55705  Cable Assembly, E-50A
J.  50560  Cork
K.  50559  Turntable, E-50
      50562  Turntable, E-50A
L.  50561  Washer
M.  50563  Nut
N.  50600  Elbow Cap
O.  50585  Long Sleeve
P.  50582  Shaft
Q.  50584  Short Sleeve
R.  50586  Saddle Assembly
S.  50589  Outside Washer
T.  50740  Screw
U.  50747  Hanger
V.  50427  Anchor
W.  50636  Spring
X.  50601  Cable Guide, E-50A
Y.  56191  Cable Housing, E-50A
Z.  50423  Ferrule, E-50A
AA.  56364  Clear Vinyl Tubing, E-50A
BB.  50634  Cotter Pin, E-50A
CC.  50745  Swivel Lever, E-50A

*Note: See Next Page for Sub Assembly Information
**E-50 Elbow**

**59577** Yoke Assembly

*Includes:*

- DD.  50565  Yoke
- EE.  56110  Locking Bar
- FF.  50813  Case Pin
- GG.  50573  Cam
- HH.  50629  Spring
- II.  50572  Cam Bearing
- JJ.  50627  Screw
- KK.  50632  Ratchet
- **LL.  50648**  Lever Assembly
- MM.  56659  Screw
- NN.  50566  Bushing
- OO.  50567  Bumper
- PP.  50568  Screw
- QQ.  51684  Pin

**50648** Lever Assembly

*Includes:*

- RR.  50630  Pawl
- SS.  50705  Spring
- TT.  50574  Lever
- UU.  50706  Pin

**Endo Electric Elbow**

- 57442 Medium
- 57443 Large

**Manual Lock Elbow**

- 55170 Right 56344 Left

**Alternating Lock Elbow**

- 55135

**Endoskeletal Elbow**

- 60012

**71983 Pylon Connector**

**55109 Socket Adapter**

**60826 Flare Adapter**

NOTE: See pages 99–100 for more information on endoskeletal elbows.
Friction Elbow

- Allows manual positioning of forearm
- Adjustable friction

50558 E-50F Friction Elbow, Small; 2" (5.1cm) Diameter; 7oz (196g) Weight
58183 E-200F Friction Elbow, Medium; 2-3/8" (6.1cm) Diameter; 12.5oz (350g) Weight
53363 E-400F Friction Elbow, Standard; 2-13/16" (7.1cm) Diameter; 15oz (420g) Weight

Includes:
A. 50748 Yoke Assembly, E400
   50646 Yoke Assembly, E200
   59577 Yoke Assembly, E50
B. 50677 Base
C. 50678 Screw
D. 50679 Screw
E. 59331 Friction Clamp
F. 50269 Screw
G. 59330 Friction Shaft
H. 70153 Dowel Pin
I. 50730 Saddle Assembly, E400
   50643 Saddle Assembly, E200
   50586 Saddle Assembly, E50
J. 50729 Washer
K. 50739 Outside Washer
L. 50740 Screw
M. 59332 Hex Bolt
N. 59333 Bolt Retainer
O. 59334 Screw
P. 50665 Cork Washer, E400
   50614 Cork Washer, E200
   50559 Cork Washer, E50
Q. 50658 Turntable, E400
   50615 Turntable, E200
   50560 Turntable, E50
R. 50668 Belleville Washer
S. 50667 Lock Nut
T. 50600 Elbow Cap, Caucasian, E-50F
   54436 Elbow Cap, Caucasian, E-200F
   54433 Elbow Cap, Light Brown, E-200F
54430 Elbow Cap, Medium Brown, E-200F
54427 Elbow Cap, Dark Brown, E-200F
54426 Elbow Cap, Caucasian, E-400F
   54423 Elbow Cap, Light Brown, E-400F
   54420 Elbow Cap, Medium Brown, E-400F
54417 Elbow Cap, Dark Brown, E-400F
U. 50742 Sheet Metal Screw
V. 59586 Allen Wrench

Elbow Cap Injection Molded
Forearm Lift Assist

Forearm Lift Assist Unit

- May be installed on E-400 and E-200 elbows
- Mounted medially or laterally
- Supplied for installation on medial side unless otherwise specified
- Weighs only 1.5oz (42g)

50609  Lift Assist Unit, Right
50752  Lift Assist Unit, Left

Includes:

A. 50759  Lift Assist Assembly, 50752
   54291  Lift Assist Assembly, 50609
B. 50771  Screw Lock
C. 50768  Teflon Washer
D. 50769  Screw
E. 50764  Case Bolt, 50609
   50762  Case Bolt, 50752
F. 50770  Spring
G. 50765  Dog Assembly, 50752
   53901  Dog Assembly, 50609
H. 52022  Washer

Humeral Rotation Unit

- The only body powered Humeral Rotator on the market.
- Range of motion up to 220 degrees.
- Beneficial for Unilateral Amputees.
- Crucial for Bilateral Amputees.
- Gives new independence to UE amputees.

62850  Humeral Rotation Unit
Locking Hinges

Outside Locking Hinge, Medium
HOSMER

- For an elbow-disarticulation prosthesis
- Seven locking positions
- Reciprocating type locking mechanism requires very short cable travel to operate
- Lower anchor strap is laminated around end of humeral socket to insure permanent alignment of hinges
- Available without lower anchor strap
- Each pair includes one locking and one non-locking hinge, with medial side locking

53879 Outside Locking Hinge, Medium, E-1500R; 7.5oz (210g), Pair, Right
50853 Outside Locking Hinge, Medium, E-1500L; 7.5oz (210g), Pair, Left
53880 Outside Locking Hinge, Medium, No Anchor Strap, E-1500AR; 7.5oz (210g), Pair, Right
50854 Outside Locking Hinge, Medium, No Anchor Strap, E-1500AL; 7.5oz (210g), Pair, Left

Includes:
A. 50886 Cable Housing Assembly
B. 50887 Cable Assembly
C. 50818 Cable Return Spring
D. 55710 Gear Strap Assembly, 50853 and 50854
   54607 Gear Strap Assembly, 53879 and 53880
E. 55583 Locking Bar Assembly
F. 55709 Case Assembly
G. 50829 Set Screw
H. 50884 Cam
I. 50876 Pin
J. 50875 Spring
K. 50879 Keeper
L. 50878 Driver
M. 54276 Strap Assembly, 50853
   50855 Strap Assembly, 53879
   50856 Strap Assembly, 50854
   54145 Strap Assembly, 53880
N. 50808 Screw
O. 50831 Screw
P. 50867 Free Side Assembly, 50853
   54913 Free Side Assembly, 53879
   50868 Free Side Assembly, 50854
   54171 Free Side Assembly, 53880
Q. 50809 Bushing
R. 50747 Hanger, 50747
S. 50427 Anchor, 50427
Locking Hinges

Outside Locking Hinge, Small

HOSMER

• For an elbow-disarticulation prosthesis
• Seven locking positions
• Reciprocating type locking mechanism requires very short cable travel to operate
• Lower anchor strap is laminated around end of humeral socket to insure permanent alignment of hinges
• Available without lower anchor strap
• Each pair includes one locking and one non-locking hinge, with medial side locking

53881 Outside Locking Hinge, Small, E-2500R; 5oz (140g), Pair, Right
50915 Outside Locking Hinge, Small, E-2500L; 5oz (140g), Pair, Left
53882 Outside Locking Hinge, Small, No Anchor Strap, E-2500AR; 5oz (140g), Pair, Right
50916 Outside Locking Hinge, Small, No Anchor Strap, E-2500AL; 5oz (140g), Pair, Left

Includes:
A. 50944 Cable Housing Assembly
B. 50887 Cable Assembly
C. 55583 Locking Bar Assembly
D. 54167 Gear Strap Assembly, 53881 and 53882
   55713 Gear Strap Assembly, 50915 and 50916
E. 54601 Case Assembly
F. 50945 Set Screw
G. 50937 Spring
H. 50884 Cam
I. 50876 Pin
J. 50875 Spring
K. 50879 Keeper
L. 50878 Driver
M. 50920 Strap Assembly, 53881
   53527 Strap Assembly, 53882
   50919 Strap Locking Side, 50915
   53528 Strap Locking Side, 50916
N. 50933 Bushing
O. 50932 Screw
P. 50947 Screw
Q. 54003 Free Side Assembly, 53881
   55521 Free Side Assembly, 50915
   55786 Free Side Assembly, 50916
   60874 Free Side Assembly, 53882
R. 50747 Hanger
S. 50427 Anchor
T. 51258 Lockwasher
Locking Hinges

Outside Locking Hinge, Large

- For an elbow-disarticulation prosthesis
- Seven locking positions
- Reciprocating type locking mechanism requires very short cable travel to operate
- Lower anchor strap is laminated around end of humeral socket to insure permanent alignment of hinges
- Available without lower anchor strap
- Each pair includes one locking and one non-locking hinge, with medial side locking

53877 Outside Locking Hinge, Large, E-500R; 10.5oz (294g), Pair, Right
50776 Outside Locking Hinge, Large, E-500L; 10.5oz (294g), Pair, Left
53878 Outside Locking Hinge, Large, No Anchor Strap, E-500AR; 9.5oz (266g), Pair, Right
50777 Outside Locking Hinge, Large, No Anchor Strap, E-500AL; 9.5oz (266g), Pair, Left

Includes:
A. 50725 Cable Housing Assembly
B. 50724 Cable Assembly
C. 50820 Cable Return Spring
D. 55615 Gear Strap Assembly, 50776 and 50777
53980 Gear Strap Assembly, 53877 and 53878
E. 55584 Locking Bar Assembly
F. 55639 Case Assembly
G. 50829 Set Screw
H. 50826 Cam
I. 50819 Pin
J. 50818 Spring
K. 50822 Keeper
L. 50821 Driver
M. 50783 Strap Assembly, 50776
50784 Strap Assembly, 53877
54175 Strap Assembly, 53878
50779 Strap Assembly, 50777
N. 50808 Screw
O. 50831 Screw
P. 50804 Free Side Assembly, 50776
53923 Free Side Assembly, 53877
54176 Free Side Assembly, 53878
50805 Free Side Assembly, 50777
Q. 50809 Bushing
R. 50747 Hanger
S. 50427 Anchor
Outside Locking Hinge, Large Heavy Duty

- For an elbow-disarticulation prosthesis
- Five locking positions
- Reciprocating type locking mechanism requires very short cable travel to operate
- Lower anchor strap is laminated around end of humeral socket to insure permanent alignment of hinges
- One locking and one non-locking hinge, with medial side locking

53883 Outside Locking Hinge, Heavy Duty Large, E-5500R; 15.5oz (434g), Pair, Right
50950 Outside Locking Hinge, Heavy Duty Large, E-5500L; 15.5oz (434g), Pair, Left
53884 Outside Locking Hinge, Large, No Anchor Strap, E-5500AR; 14.5oz (406g), Pair, Right
50951 Outside Locking Hinge, Large, No Anchor Strap, E-5500AL; 14.5oz (406g), Pair, Left

Includes:
A. 50966 Locking Bar Assembly
B. 50820 Spring
C. 50819 Pin
D. 50826 Cam
E. 50822 Keeper
F. 50821 Driver
G. 50820 Spring
H. 50724 Cable Assembly
I. 50945 Set Screw
J. 50725 Cable Housing Assembly
K. 50967 Case
L. 50958 Long Bushing
M. 55714 Gear Strap, 50950
53981 Gear Strap, 53883
N. 53978 Locking Side, 53883
50957 Locking Side, 50950
O. 50962 Screw
P. 50959 Screw
Q. 54140 Free Side Assembly, 53883
50972 Free Side Assembly, 50950
54475 Free Side Assembly, 50951
54476 Free Side Assembly, 53884
R. 50747 Hanger
S. 50427 Anchor
Residual Limb Activated Locking Hinge Below Elbow

- Very short below elbow residual limb, with strength to operate a lever, cannot be fit with standard below elbow prosthesis
- Above elbow forearm lift control cable is used to position forearm
- Hinge is locked or unlocked by flexion or extension of residual limb
- With limb extended, forearm socket is free to swing or to be positioned
- Once positioned, forearm is locked by flexing limb
- Standard and small sizes

<table>
<thead>
<tr>
<th>Code</th>
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<th>LARGE</th>
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</table>

Includes:
- A. Locking Bar Assembly
- B. Pin
- C. Spring
- D. Case Assembly
- E. Long Bushing
- F. Gear Strap Assembly, Right
- Gear Strap Assembly, Left
- G. Upper Strap, Right
- Upper Strap, Left
- H. Stud Screw
- I. Screw
- J. Short Bushing
- K. Cam Strap
- L. Teflon Washer
- M. Washer
- N. Screw
- O. Free Side Assembly, Right
- Free Side Assembly, Left

Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817 | www.ortoped.ca
Flail Arm Hinges

Flail Arm Hinge, Locking Spring Loaded

HOSMER

- Spring assisted lift
- Sold per pair

53887  Flail Arm Hinge, Pair, Spring Loaded, Medial Side Locking, Lateral Side Non-Locking, FAH-100R; 12.5oz (350g), Right

50989  Flail Arm Hinge, Pair, Spring Loaded, Medial Side Locking, Lateral Side Non-Locking, FAH-100L; 12.5oz (350g), Left

NOTE: Lock is normally placed on medial side
Flail Arm Hinges

Flail Arm Hinge, Non-Locking
HOSMER

- Spring assisted lift
- Sold individually, right or left

53889 Flail Arm Hinge, Single Spring Loaded Hinge, Non-Locking Type, FAH-100BR; 5oz (140g), Each, Right

51001 Flail Arm Hinge, Single Spring Loaded Hinge, Non-Locking Type, FAH-100BL; 5oz (140g), Each, Left

Includes:
A. 51004 Upper Strap Assembly
B. 51005 Strap
C. 50811 Short Bushing
D. 50827 Teflon Washer
E. 50841 Stud
F. 51007 Spring Bushing
G. 52832 Pin
H. 51009 Spring
I. 56881 Spacer
J. 50842 Screw (2 Each)
K. 51008 Case Spring Cover

info@ortoped.ca
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www.ortoped.ca
Flail Arm Hinges

Flail Arm Hinge, Locking Adjustable Lift Assist
HOSMER

- Sold individually, right or left

53888  Flail Arm Hinge, Adjustable Lift Assist Hinge with Locking Mechanism, FAH-100AR; 8oz (224g), Each, Right
51000  Flail Arm Hinge, Adjustable Lift Assist Hinge with Locking Mechanism, FAH-100AL; 8oz (224g), Each, Left

Includes:
A. 50724  Cable Assembly
B. 50725  Cable Housing Assembly
C. 55639  Case Assembly
D. 50829  Set Screw
E. 50826  Cam
F. 50820  Spring
G. 55584  Locking Bar Assembly
H. 50818  Spring
I. 50819  Pin
J. 50821  Driver
K. 50822  Keeper
L. 50809  Bushing Long
M. 51003  Gear Strap Assembly, Right
      53986  Gear Strap Assembly, Left
N. 53603  Strap, Right
      51002  Strap, Left
O. 50831  Screw
P. 71618  Hinge Screw
Q. 56881  Spacer
R. 50842  Screw
S. 59116  Pin
T. 51007  Spring Bushing
U. 51009  Spring
V. 51008  Case Spring Cover
W. 50845  Screw
X. 50747  Hanger
Y. 50427  Anchor
Below Elbow Hinges

**Polycentric Below Elbow Hinge**

HOSMER

- Useful in compensating for excessive tissue in cubital fold area
- Hinges made of tool steel which is heat treated and plated for long life

51635 Polycentric Hinge, Small, PC-50; 4.5oz (126g), Pair
51641 Polycentric Hinge, Medium, PC-75; 5oz (140g), Pair
51646 Polycentric Hinge, Adult, PC-100; 5.5oz (154g), Pair

**Includes:**

A. Upper Strap, Right 51636 51642 51648
B. Upper Strap, Left 51636 51642 51647
C. Lower Strap, Right 52836 51645 51650
D. Lower Strap, Left 51637 51643 51649
E. Outside Plate 51638 51651 51651
F. Inside Plate 51638 51652 51652
G. Stud 51639 51653 51653
H. Screw 51640 51654 51654

**Step Up Below Elbow Hinge**

HOSMER

- Intended for short, below elbow amputees who have limited range of elbow flexion
- Multiplies residual limb action of forearm by factor of two
- Hinge made of tool steel which is heat treated and plated for long life

51478 Step Up Hinge, Small, MA-50; 5oz (140g), Pair
51483 Step Up Hinge, Medium, MA-75; 6oz (168g), Pair
51485 Step Up Hinge, Adult, MA-100; 7oz (196g), Pair

**Includes:**

A. Outer Strap, Right 52836 51645 51486
   Outer Strap, Left 51637 51643 51487
B. Screw 51654 55460 51654
C. Upper Strap, Right 51636 51642 51648
   Upper Strap, Left 51636 51642 51647
D. Lower Strap, Right 51479 53987 51649
   Lower Strap, Left 51479 51484 51650
E. Plate 51638 51651 51651
F. Stud 51481 51488 51488

www.ortoped.ca
Below Elbow Hinges

Sliding Action Step Up Hinge

HOSMER

- Variable ratio hinge serves same purpose as 51485, MA-100
- Reduces residual limb projection when in flexed position

51500 Sliding Action Hinge, Adult MA-200, 7oz (198.5g), Pair

Includes:
A. 50675 Hex Nut
B. 51511 Stud
C. 52935 Strap, Right
   51504 Strap, Left
D. 51503 Strap, Right
   51502 Strap, Left
E. 51510 Washer
F. 52936 Strap, Right
   51506 Strap, Left
G. 51512 Lock Washer
H. 51513 Screw
I. 51509 Bushing
J. 51654 Screw
K. 51511 Stud
51508 MA210 Stud Kit

Single Axis Below Elbow Hinge

HOSMER

- Rugged hinge system designed for heavy duty use

51849 Single Axis Hinge, SP-75; Upper Strap 4.5" (11.4cm),
   Lower Strap 4.5" (11.4cm), 4.5oz (126g), Pair, Small
51855 Single Axis Hinge, SP-100; Upper Strap 5-1/8" (13cm),
   Lower Strap 4.5" (11.4cm), 6.5oz (184g), Pair, Regular
51856 Single Axis Hinge, SP-100L; Upper Strap 8-5/8" (21.9cm),
   Lower Strap 4.5" (11.4cm), 9oz (255g), Pair, Long

Includes:
A. Lower Strap, Right 51850 51860 51860
B. Lower Strap, Left 53550 51859 51859
C. Upper Strap 51851 51861 51862
D. Bearing 51853 51864 51864
E. Washer 51852 51863 51863
F. Stud 51865 51865 51865
Hinge Accessories

Below Elbow Hinge Spacer Kit

HOSMER

- For accurate alignment of elbow hinges
- Adjustable for all Hosmer hinges

50188  Spacer Kit ,BES- 100; 10oz (280g)

Includes:
A. 50205  Screw
B. 50204  Washer
C. 50206  Shim
D. 50207  Shim
E. 50203  Nut
F. 50208  Stud
G. 50202  Stud
H. 50201  Stud
I. 50200  Stud

MA210 Stud Kit

HOSMER

51508  Kit MA-210, Repair Parts for 51500, MA-200 Hinge

Includes:
A. 51654  Screw
B. 51513  Screw
C. 50675  Nut
D. 51510  Washer
E. 51511  Stud
F. 51509  Bushing
G. 51512  Star Washer
Hosmer Metal Flexible Hinges
HOSMER

- Hinge may be laminated into prosthesis or riveted to outside
- Flexing conforms to the center of rotation of the elbow and permits pronation and supination of the forearm
- Pivot on cable attachment prevents stress on stainless steel elements
- Forearm attachment is contoured
- Easy disconnect feature

53574 Flexible Hinge, Short, 4" (10.2cm), 5oz (142g), Pair
53575 Flexible Hinge, Long, 6" (15.2cm), 5.5oz (156g), Pair

Includes:
A. 53576 Cuff Strap
B. 53578 Lower Laminating Strap
C. 53579 Pivot Pin
D. 50702 Hair Pin Clip
E. 53580 Cuff Strap Retainer
F. 53584 Cable Assembly, 53575
53583 Cable Assembly, 53574

Leather Hinge Kit
HOSMER

- Sold by the pair with a leather check strap
- Ready to rivet to prosthesis and triceps pad
- Used on medium to very long below elbow prostheses
- Made of leather, backed with dacron tape

51453 Leather Hinge Kit LH-100
Shoulder Joints

Shoulder Flexion Abduction Joint
HOSMER

• Allows independent adjustment of friction for flexion and abduction

51010 Flexion Abduction Joint, Adult, 9oz (255g)
55134 Flexion Abduction Joint, Endoskeletal Model

Includes:
A. 51011 Strap
B. 51022 Lower Strap
  55119 Lower Strap, 55134
C. 51014 Hinge Assembly, Includes F - J, Sold as Complete Assembly
D. 51019 Screw, 4 Each
E. 50990 Clamp Center Screw
F. 51016 Clamp
G. 51017 Hinge Pin
H. 50991 Locking Pin, 2 Each
I. 51015 Hinge
J. 51018 Spring Pin
K. 51020 Screw, Sold Separately
L. 51021 Nut, Sold Separately

Universal Shoulder Joint
HOSMER

• Standard friction wrist units allow complete circumduction
• Main axis provides abduction, upper axis provides humeral flexion, lower axis provides humeral rotation

52027 Universal Shoulder Joint, with WE-300N Wrist as Humeral Section, Small, USJ-75; 6.5oz (184g)
52028 Universal Shoulder Joint, with WE-500N Wrist as Humeral Section, Standard, USJ-100; 7.5oz (213g)

Includes:
A. 54313 Universal Shoulder Joint Only, USJ-150
B. 52156 Friction Wrist, Medium, 1 3/4" Diameter, WE-300N, 52027
  52160 Friction Wrist, Adult, 2" Diameter, WE-500N, 52028
Shoulder Joints

Shoulder Bulkhead

HOSMER
- Adjustable friction shoulder joint has round bulkhead, extension stop with full humeral flexion; right or left application

51067  Medium Bulkhead, FS-75, 2 1/2" (7cm) Diameter, 6 1/2oz (184g)
51066  Small Bulkhead, FS-50, 2 3/8" (6cm) Diameter, 5 1/2 oz (156g)
51065  Extra Small Bulkhead, FS-25, 2" (5.1cm) Diameter, 3oz (85g)

Shoulder Abduction Joint

HOSMER
- Adjustable friction joint allows abduction of humeral socket
- May be fabricated into prosthesis at an angle to promote slight forward movement as humeral socket is abducted

51832  Shoulder Abduction Joint, 3oz (85g), Pair, Small

Includes:
A. 51850  Lower Strap, Right
B. 53550  Lower Strap, Left
C. 51851  Upper Strap
D. 51834  Bushing
E. 51833  Brass Washer
F. 51835  Screw

51836  Shoulder Abduction Joint, 8oz (227g), Pair, Large

Includes:
A. 52914  Upper Strap
B. 52859  Lower Strap
C. 51839  Screw
D. 50667  Lock Nut
Sierra Nudge Control

Sierra Nudge Control
HOSMER

• Operates elbow lock when limited shoulder excursion is available
• Includes Cable Slack Adjuster shown below

52521 Sierra Nudge Control, 2.2oz (62.4g), Right
52522 Sierra Nudge Control, 2.2oz (62.4g), Left

Includes:
A. 52523 Housing, Right, 52521
   52524 Housing, Left, 52522
B. 52525 Main Lever
C. 52526 Lever, Right, 52521
   52527 Lever, Left, 52522
D. 52345 Grooved Pin
E. 52346 Grooved Pin
F. 51057 Screw
G. 52344 Screw
H. 52528 Cover
I. 61580 Cable Slack Adjuster
J. 50455 Cable Housing
K. 50321 Cable
L. 52348 Screw
M. 50457 Housing Cover
N. 50423 Ferrule
O. 56119 Connector

*Sold in 25” lengths

Cable Slack Adjuster
HOSMER

• This device allows easy adjustment of excursion for all devices operated by cables

61580 Cable Slack Adjuster
Cables and Connectors

Cable, Swaged Rolls
HOSMER
• Stainless Steel

50321 Small 3/64" (.119cm) Diameter, C-101; 25' Roll
56858 Small 3/64" (.119cm) Diameter, C-101-101; 100' Roll
55986 Small 3/64" (.119cm) Diameter, 500' Roll
50318 Standard 1/6" (.159cm) Diameter, C-100; 25' Roll
56856 Standard 1/16" (.159cm) Diameter, C-100-100; 100' Roll
56148 Standard 1/16" (.159cm) Diameter, 500' Roll
50319 Heavy Duty 3/32" (.238cm) Diameter, C-100HD; 25' Roll
56857 Heavy Duty 3/32" (.238cm) Diameter, C-100HD-100; 100' Roll
50322 Nylon Coated 3/64" (.119cm) Diameter, C-101P; 25' Roll

Cable Housing and Housing Liner
HOSMER
A. 50455 Cable Housing for C-100 and C-101 Cable, OD .136, ID .075, CH-100
50456 Cable Housing for C-100HD Cable, OD .185, ID .165, CH-100HD, Stainless Steel
25 foot package, (2 sections of 12.5 ft (3.8 m) length)
B. 50482 Teflon Liner for Heavy Duty Cable Housing, CH-100HD,
Cables of 1/16" (.159cm) Diameter: 25' Roll

Cable Housing Cover
HOSMER
50457 Cable Housing Cover, Standard, CHC-100, 25' Roll
50458 Cable Housing Cover, Heavy Duty, CHC-100HD, 25' Roll

Cable Swaging Tool
HOSMER
• Requires two of same size
50520 Cable Swaging Tool
50524 Die 3/64" (.119cm), Replacement
50523 Die 1/16" (.159cm), Replacement
50522 Die 3/32" (.238cm), Replacement

Cable Housing Anchors
HOSMER
A. 50427 Cable Housing Anchor, Stainless Steel, C-717
B. 54482 Plastic Retainer, 1/8" (.318cm)
C. 54483 Plastic Retainer, 3/16" (.476cm)
D. 54484 Plastic Retainer, 1/4" (.635cm)
Cable Connectors

**Triple Swivels**
HOSMER

- 9/32" (.71cm) diameter ball for hooks
- Furnished with grommet 50448 (C-759)

A. 50348 Triple Swivel, for 1/16" (.159cm) Cable, C-701
B. 50352 Triple Swivel, for 3/64" (.119cm) Cable, C-701A
C. 50353 Triple Swivel, for 3/32" (.238cm) Cable, C-701HD

50448 Rubber Grommet, C-759

**Base Plates**
HOSMER

A. 50359 Base Plate, for Retainer, C-708; Including Rubber Disc, 50360
B. 50360 Rubber Disc, C-708A

**Ball Terminals 3/16”**
HOSMER

- 3/16" (.48cm) diameter ball
- For most hands

A. 50354 Ball Terminal, for 1/16" (.159cm) Cable, C-703
B. 50355 Ball Terminal, for 3/64" (.119cm) Cable, C-703A
C. 50356 Ball Terminal, for 3/32" (.238cm) Cable, C-703HD

**Retainers**
HOSMER

A. 50361 Retainer, for Standard CH-100 Housing, Aluminum, C-709
B. 50364 Retainer, for Standard CH-100 Housing, Stainless Steel, C-709S
C. 50363 Retainer, for HD Cable Housing, Stainless Steel, C-709HD

**Ball Terminals 9/32”**
HOSMER

- 9/32" (.71cm) diameter ball

A. 50357 Ball Terminal, for 1/16" (.159cm) Cable, C-704
B. 50358 Ball Terminal, for 3/64" (.119cm) Cable, C-704A

**Ball Receivers**
HOSMER

A. 50411 3/16" (.476cm) Receiver, for 1/16" (.159cm) Cable, C-713
B. 50419 3/16" (.476cm) Receiver, for 3/64" (.119cm) Cable, C-713A
C. 50415 3/16" (.476cm) Receiver, for 3/32" (.238cm) Cable, C-713HD
D. 50422 9/32" (.714cm) Receiver, for 1/16" (.159cm) Cable, C-714
E. 57072 3/16" (.476cm) Receiver, for 1/16" (.159cm) Cable, C-713L with Sliding Cover
Cable Connectors

Control Cable Insulator
HOSMER
- Provides 15kV resistance to help protect patient from electrical shock
- May be swaged or soldered onto cable receiving terminals

50423  Insulator, for 1/16” (.159cm) Cable
53365  Insulator, for 3/32” (.238cm) Cable

NOTE: There is no guarantee implied nor warranted that the insulator will shield the patient from shock

Stainless Ferrule
HOSMER

50428  Ferrule, for Standard Size Cable Housing, C-715
50424  Ferrule, for Heavy Duty Cable Housing, C-715HD
61445  Ferrule, for Heavy Duty Cable Housing and Teflon® Liner

Cable Shackle
HOSMER
- Used for splicing two cables together

50441  Cable Shackle, C737

Cable Kits
HOSMER
- For all cable sizes: 1/16”, 3/64” or 3/32”
- Provides enough components to make 6, 10, or 20 AE or BE Control Systems

<table>
<thead>
<tr>
<th>Kits Include:</th>
<th>CABLE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swivels</td>
<td>1/16” (.159CM)</td>
</tr>
<tr>
<td>Ball Terminals</td>
<td>3/64” (.119CM)</td>
</tr>
<tr>
<td>Retainers</td>
<td>3/32” (.238CM)</td>
</tr>
<tr>
<td>Cross Bars</td>
<td></td>
</tr>
<tr>
<td>Hangers</td>
<td></td>
</tr>
<tr>
<td>Lift Assemblies</td>
<td></td>
</tr>
<tr>
<td>Ferrules</td>
<td></td>
</tr>
<tr>
<td>Cable</td>
<td></td>
</tr>
<tr>
<td>Cable Housing</td>
<td></td>
</tr>
<tr>
<td>Cover</td>
<td></td>
</tr>
<tr>
<td>Base Plates</td>
<td></td>
</tr>
</tbody>
</table>

| Kits For 6                    | 52644  | 52645  | 52932  |
| CABLE KIT FOR 6               |        |        |        |
| Kits For 10                   | 52646  | 52647  | 52933  |
| CABLE KIT FOR 10              |        |        |        |
| Kits For 20                   | 52648  | 52649  | 53364  |
| CABLE KIT FOR 20              |        |        |        |

info@ortoped.ca  Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817  www.ortoped.ca
Cable Hangers

**Elbow Lock Cable Hanger**

HOSMER

- **50747** Cable Hanger, for 1/2" (1.27cm) Tape, for 3/64" Cable

**Adjustable Hanger**

HOSMER

- Accepts 1/16" (.159cm) or 3/64" (.119cm) diameter cable

- **50434** Adjustable Hanger, C734

**Hangers**

HOSMER

- **A. 50374** Hanger, for 1/16" (.159cm) Cable, 1" (2.54cm) Webbing, C-711
- **B. 50377** Hanger, for 3/64" (.119cm) Cable, 1" (2.54cm) Webbing, C-711A
- **C. 50383** Hanger, for 3/32" (.238cm) Cable, 1" (2.54cm) Webbing, C-711HD
- **D. 50384** Hanger, for 1/16" (.159cm) Cable, 3/4" (1.9cm) Webbing, C-711M
- **E. 50387** Hanger, for 3/64" (.119cm) Cable, 3/4" (1.91cm) Webbing, C-711MA
- **F. 50378** Hanger, for 1/16" (.159cm) Cable, 1/2" (1.27cm) Webbing, C-711C
- **G. 50381** Hanger, for 3/64" (.119cm) Cable, 1/2" (1.27cm) Webbing, C-711CA
- **H. 50382** Hanger, for 3/32" (.238cm) Cable, 1/2" (1.27cm) Webbing, C-711CHD (Not Shown)
Harness Clips and Components

**Anchor Plates**  
HOSMER

- **50370**  Anchor Plate for All Sizes, C-710C

**Cross Bars**  
HOSMER

- **50366**  Cross Bar, Standard, C-710A
- **50367**  Cross Bar, Heavy Duty, C-710AHD

**Nylon Detachable Suspension Clips**  
HOSMER

- **55102**  Clips, for 1/2" (1.27cm) Harness
- **55101**  Clips, for 1" (2.54cm) Harness
- **55100**  Clips, for 1-1/2" (3.81cm) Harness

**Leather Cross Bar**  
HOSMER

- **50368**  Leather Cross Bar, Standard, C-710B
- **50369**  Leather Cross Bar, Heavy Duty, C-710BHD

**Screws**  
HOSMER

- For cable and harness parts
- Sold per 144 pack

- **55647**  Screw, 3/16" Long, 2178
- **55648**  Screw, 1/4" Long, 2179
- **55649**  Screw, 5/16" Long, 2180
- **55650**  Screw, 3/8" Long, (For Leather Hinges)

**Housing Cross Bar Assembly**

- **50365**  Housing Cross Bar Assembly, Standard Size, C-710
- **50373**  Housing Cross Bar Assembly, Heavy Duty, C-710HD
Forearm Lift Assemblies

Forearm Lift Assembly
HOSMER

A. 50388  Lift Assembly, for Standard Size Cable Housing, C-712
B. 50408  Lift Assembly, for Heavy Duty Housing, C-712HD

Includes:
50401  Screw
50409  Rivet
50410  Spacer
50402  Rivet Cap
50389  Leather, for 50388
50452  Leather, for 50408

Deluxe Forearm Lift Assembly
HOSMER

- Special forearm post screw eliminates lock nuts and prevents loosening

A. 50403  Deluxe Lift Assembly, for Standard Housing, C-712D
B. 50405  Deluxe Lift Assembly, for Heavy Duty Housing, C-712DHD

Includes:
50407  Screw, 50403 and 50405
50409  Rivet
50404  Base, 50403 and 50405
50402  Rivet Cap
50389  Leather, 50403
50452  Leather, 50405

Northwestern Lift Tab Drilling Jig
HOSMER

51040  Forearm Lift Tab Jig, FLJ-100
51042  Replacement Screw
Hook to Hand Accessories

APRL Sheave (Excursion Amplifier)

HOUSMER

- Doubles cable excursion

A. 50442 APRL Sheave, C-735, Offset Pull
B. 50438 APRL Sheave, Deluxe with Removable Face, C-735DX for Use With 1/16" (.159cm) Cable, Straight Pull

50439 Cable Pulley, for 50438 (Deluxe APRL Sheave)
50433 Cable Pulley, for 50442 (APRL Sheave)

Cosmetic Arm Terminal

HOUSMER

- Designed to receive 3/16" (.476cm) ball
- Mounted on forearm
- Allows interchange from hook to passive hand

50425 Cosmetic Arm Terminal, C-716
55648 Screw, 1/4" Long, 2179

Hook to Cable Adapter

HOUSMER

A. 50444 9/32" (.714cm) Ball One End, Receiver for 3/16" (.476cm) Ball On The Other End, 1/16" (.159cm) Cable, C-740
B. 50445 9/32" (.714cm) Ball One End, Receiver for 3/16" (.476cm) Ball On The Other End, 3/64" (.119cm) Cable, C-740A
C. 50446 9/32" (.714cm) Ball One End, Receiver for 3/16" (.476cm) Ball On The Other End, 3/32" (.238cm) Cable, C-740HD
D. 50447 9/32" (.714cm) Ball One End, Receiver for 9/32" (.714cm) Ball On The Other End, 1/16" (.159cm) Cable, C-741
Suspension

Wrist Lock
FILLAUER LLC

125415  Wrist Lock
Includes:
809811  Upper Housing
809809  Lower Housing
882401  M2 x .4 x 8 FHCS
809760  Compression Spring
809816  Shuttle Lock
809729  Latch Pin Button for
         Lock Systems
809775  Latch Button

Plungers (sold separately)
809826  Plunger 1", with 1/4" Thread
809827  Plunger 1.5", with 1/4" Thread
809823mm Plunger 1", with 6 mm Thread
809825mm Plunger 1.5", with 6 mm Thread
809826mm Plunger 1", with M 10 Metric Thread
809827mm Plunger 1.5", with M 10 Metric Thread

Fabrication (sold separately)
125215  Fabrication Kit for Lamination
MightyMite® Modular Shuttle Lock with Titanium Pyramid Housing
FILLAUER

SHUTTLE LOCK ASSEMBLY
FC100202  Titanium Pyramid Shuttle Lock, without Plunger
Includes:
122102  Titanium Pyramid Housing
809810  Shuttle Body
809784  Button Shield
809773  Guide Screw
809729  Latch Pin
809775  Latch Pin Button
809816  Shuttle Lock
809760  Compression Spring
880033  6-32 x 5/16" Socket Head Set Screw
122053  Lamination Cap

SHUTTLE LOCK SUB ASSEMBLY
809808  Shuttle Lock Sub Assembly
Includes:
809810  Shuttle Body
809816  Shuttle Lock
809760  Compression Spring
880033  6-32 x 5/16" Socket Head Set Screw

FABRICATION KIT – THERMOFORMING AND LAMINATION
125420  Fabrication Kit
Includes:
809824  Shuttle Body Dummy
809791  Button Shield Dummy
809812  Button Shield Substitute
880488  1/4-20 x 2" Socket Head Set Screw

PLUNGERS (SOLD SEPARATELY)
809826  Plunger 1", with 1/4-20 Thread
809827  Plunger 1 1/2", with 1/4-20 Thread
809826mm Plunger 1", with M10 Metric Thread
809827mm Plunger 1 1/2", with M10 Metric Thread

Fabrication Kit
125420
Suspension

Small Modular Shuttle Lock with Delrin Housing
FILLAUER

SHUTTLE LOCK ASSEMBLY
125410 Small Delrin Shuttle Lock Kit, 1” Plunger
125412 Small Delrin Shuttle Lock Kit, 1-1/2” Plunger
125410MM Small Delrin Shuttle Lock Kit, 1” Plunger
125412MM Small Delrin Shuttle Lock Kit, 1-1/2” Plunger

Includes:
- 809810 Shuttle Lock Body, Small
- 880033 Socket Head Set Screw, 6/32x5/16”
- 809760 Compression Spring
- 809816 Shuttle Lock
- 809820 Housing
- 809784 Shield
- 809729 Latch Pin
- 809775 Latch Pin Button
- 809773 Guide Screw

SHUTTLE LOCK SUB ASSEMBLY
809808 Shuttle Lock Sub Assembly

Includes:
- 809810 Shuttle Body
- 809816 Shuttle Lock
- 809760 Compression Spring
- 880033 6-32 x 5/16” Socket Head Set Screw

FABRICATION KIT – THERMOFORMING AND LAMINATION
125420 Fabrication Kit

Includes:
- 809824 Housing Dummy
- 880488 1/4-20 x 2” Socket Head Set Screw
- 809791 Button Shield Dummy

PLUNGERS (SOLD SEPARATELY)
809826 Plunger, 1”, 1/4-20”
809827 Plunger, 1 1/2”, 1/4-20”
809826mm Plunger, 1”, M10
809827mm Plunger, 1 1/2”, M10
MightyMite® Shuttle Lock with Cylindrical Housing

FILLAUER

Suspension

SHUTTLE LOCK ASSEMBLY
FC100204  Cylindrical Housing Shuttle Lock, without Plunger
  Includes:
  122104  Cylindrical Housing, Upper
  122105  Cylindrical Housing, Lower
  809784  Button Shield
  809773  Guide Screw
  809729  Latch Pin
  809775  Latch Pin Button
  809810  Shuttle Body
  809816  Shuttle Lock
  809760  Compression Spring
  880033  6-32 x 5/16" Socket Head Set Screw
  880271  M5 x .8x18 Flat Head Socket Cap
  882510  M5 x .8x18 Socket Head Cap Screw
  809830  2" Diameter Housing Adhesive Seal
  880251  4 x 3/8 Stainless Steel Sheet Metal Screw

SHUTTLE LOCK SUB ASSEMBLY
809808  Shuttle Lock Sub Assembly
  Includes:
  809810  Shuttle Body
  809816  Shuttle Lock
  809760  Compression Spring
  880033  6-32 x 5/16" Socket Head Set Screw

FABRICATION KIT – THERMOFORMING AND LAMINATION
125420  Fabrication Kit
  Includes:
  809824  Shuttle Body Dummy
  809791  Button Shield Dummy
  809812  Button Shield Substitute
  880488  1/4-20 x 2" Socket Head Set Screw

PLUNGERS (SOLD SEPARATELY)
809826  Plunger 1", with 1/4-20 Thread
809827  Plunger 1 1/2", with 1/4-20 Thread
809826mm  Plunger 1", with M10 Metric Thread
809827mm  Plunger 1 1/2", with M10 Metric Thread

*Apply 2" Adhesive Seal (809830) before fabrication
## Harnesses

### Northwestern Ring Harness

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE 71787</td>
<td>Bilateral Harness, Adult</td>
</tr>
<tr>
<td>BE 51586</td>
<td>Northwestern Ring Harness Kit, NRH-75, 1/2&quot; (1.3cm), Child</td>
</tr>
<tr>
<td>BE 51588</td>
<td>Northwestern Ring Harness Kit, NRH-85, 3/4&quot; (1.9cm), Medium-Small</td>
</tr>
<tr>
<td>BE 51600</td>
<td>Northwestern Ring Harness Kit, NRH-100, 1&quot; (2.5cm), Adult</td>
</tr>
</tbody>
</table>

**Fabricated with high grade Dacron web tape**

- Stainless steel anchor ring prevents binding or bunching
- 4-bar buckles, axilla loop, "Y" strap and anterior suspension
- Furnished ready to fit

### BELOW ELBOW

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE 51586</td>
<td>Northwestern Ring Harness Kit, NRH-75, 1/2&quot; (1.3cm), Child</td>
</tr>
<tr>
<td>BE 51588</td>
<td>Northwestern Ring Harness Kit, NRH-85, 3/4&quot; (1.9cm), Medium-Small</td>
</tr>
<tr>
<td>BE 51600</td>
<td>Northwestern Ring Harness Kit, NRH-100, 1&quot; (2.5cm), Adult</td>
</tr>
</tbody>
</table>

### ABOVE ELBOW

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE 71786</td>
<td>Bilateral Harness, Adult</td>
</tr>
<tr>
<td>AE 51602</td>
<td>Northwestern Ring Harness Kit, NRH-175, 1/2&quot; (1.3cm), Child</td>
</tr>
<tr>
<td>AE 51603</td>
<td>Northwestern Ring Harness Kit, NRH-185, 3/4&quot; (1.9cm), Medium-Small</td>
</tr>
<tr>
<td>AE 51604</td>
<td>Northwestern Ring Harness Kit, NRH-200, 1&quot; (2.5cm), Adult</td>
</tr>
</tbody>
</table>

### Heavy Duty Harness

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HD 51152</td>
<td>Heavy Duty Harness, HD-100R, Right</td>
</tr>
<tr>
<td>HD 51151</td>
<td>Heavy Duty Harness, HD-100L, Left</td>
</tr>
</tbody>
</table>

**Fabricated with high grade Dacron web tape**

- Stainless steel anchor ring prevents binding or bunching
- 4-bar buckles, axilla loop, "Y" strap and anterior suspension
- Furnished ready to fit

### Michigan Roller Harness

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MR 53904</td>
<td>Michigan Roller Harness, MRH-100R, Right</td>
</tr>
<tr>
<td>MR 51514</td>
<td>Michigan Roller Harness, MRH-100L, Left</td>
</tr>
</tbody>
</table>

**Modified version of Heavy Duty Harness, suspends socket with cable and housing**

### Shoulder Disarticulation Prosthesis Harness

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD 51842</td>
<td>Shoulder Disarticulation Harness, SDH-200</td>
</tr>
</tbody>
</table>

**Conventional chest strap harness**

- Chest expansion generates cable excursion which operates terminal device or elbow lock
Harness Accessories

**Buckles**

HOSMER

- Stainless steel
- Provides added security and ease of adjustment to harnesses

A. 51026 Four Bar Buckle, FBB-75; 1/2” (.127cm)
A. 51027 Four Bar Buckle, FBB-85; 3/4” (1.91cm)
A. 51028 Four Bar Buckle, FBB-100; 1” (2.54cm)

B. 54884 Safety Buckle, 1/2” (.127cm)
B. 70178 Safety Buckle, 1” (2.54cm)

C. 70394 Buckle, with Billet, 1/2

**4 Bar Buckle with Swivel Joint**

HOSMER

- 1.25” 304 stainless 4 bar buckle with swivel joint
- Enhanced ease and reduced stress for harnessing
- Allows a more free adjustment option
- Heavy duty cable connection

62827 4 Bar Buckle with Swivel Joint

**Northwestern Harness Rings**

HOSMER

- Solid stainless steel ring

A. 51587 Northwestern Harness Ring, Small, NRH-76; 1-13/16” (4.6cm)
B. 51589 Northwestern Harness Ring, Medium, NRH-86; 2-1/8 (5.4cm)
C. 51601 Northwestern Harness Ring, Large, NRH-101; 2-7/16” (6.2cm)

**Axilla Loop Pads**

HOSMER

- Preshaped plastic tube, pads and protects Dacron tape
- 13-1/4” (33.7cm)

A. 50114 Axilla Loop Pad, Small for 1/2” (1.27cm) Tape, ALP-75
B. 50115 Axilla Loop Pad, Large for 3/4” (1.91cm) or 1” (2.54cm) Tape, ALP-100

**Silicone Axilla Pads**

FILLAUER LLC

- Silicone axilla strap with Dacron strap integrated into the silicone

741260 Silicone Axilla Strap, Beige
741262 Silicone Axilla Strap, White
741264 Silicone Axilla Strap, Black
BE Prostheses Cuffs

Triceps Pads and Biceps Cuffs

- Laminated to match BE prostheses
- Triceps pads furnished with Dacron straps, half and full biceps cuffs furnished with “Y” straps
- Available in leather or polypropylene at additional cost

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>58339</td>
<td>Triceps Pad, BEC-120, Child</td>
</tr>
<tr>
<td>58338</td>
<td>Triceps Pad, BEC-140, Medium-Small</td>
</tr>
<tr>
<td>50185</td>
<td>Triceps Pad, BEC-160, Adult</td>
</tr>
<tr>
<td>58337</td>
<td>Triceps Pad, Custom Made, BEC-100</td>
</tr>
<tr>
<td>56231</td>
<td>Triceps Pad Only</td>
</tr>
<tr>
<td>58341</td>
<td>Biceps Half Cuff, BEC-220, Child</td>
</tr>
<tr>
<td>58342</td>
<td>Biceps Half Cuff, BEC-240, Medium-Small</td>
</tr>
<tr>
<td>58343</td>
<td>Biceps Half Cuff, BEC-260, Adult</td>
</tr>
<tr>
<td>58340</td>
<td>Biceps Half Cuff, Custom Made</td>
</tr>
<tr>
<td>58346</td>
<td>Biceps Full Cuff, BEC-320, Child</td>
</tr>
<tr>
<td>58345</td>
<td>Biceps Full Cuff, BEC-340, Medium-Small</td>
</tr>
<tr>
<td>58344</td>
<td>Biceps Full Cuff, BEC-360, Adult</td>
</tr>
<tr>
<td>50191</td>
<td>Biceps Full Cuff, Custom Made</td>
</tr>
</tbody>
</table>

Bulk Cuff Material

- Laminated with standard pigments
- Furnished in rolled sheets, 12” x 24” (30.5 x 61cm)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>51464</td>
<td>Laminated Plastic Material, LPM-100, (Specify Color)</td>
</tr>
</tbody>
</table>

Molded Cuffs

- Available to comply to patient’s requirements when cast and measurements are provided

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>58347</td>
<td>Molded Full Cuff, BEC-400</td>
</tr>
</tbody>
</table>

Cineplasty Kit

- Made of custom cast acrylic matrix over stainless steel core pins. Ends receive Safety Capsule Terminal (p/n 50339 ordered separately). Shear load is approximately 40lbs. All pins are special ordered and not returnable.

CINEPLASTY PIN DISCLAIMER

The Cineplasty technique for controlling terminal devices and other mechanisms on artificial arms is primarily an elective surgical procedure. The tunnel created through the skin and muscle needs specific care to remain viable. This is the patient’s responsibility. Training in hygiene, as well as procedures to protect against deterioration or breakdown, is given at and after the time of surgery and is a part of the Cineplasty rehabilitation technique. There are protective breakaway components that are incorporated into the apparatus of each Cineplasty cabling system. There is also a suspension system designed to relieve constant destructive pressure on the Cineplasty Muscle tunnel. We have monitored feedback from practitioners concerning the patients who have bypassed one or both of these systems. Patients are trained in the importance of hygiene and are warned to comply with these systems. If the systems are bypassed or removed the patient bears responsibility for the result.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>50333</td>
<td>Pectoral Pin, Single Ended</td>
</tr>
<tr>
<td>50334</td>
<td>Dorseshoe Biceps Pin</td>
</tr>
<tr>
<td>50336</td>
<td>Oxbow Biceps Pin</td>
</tr>
<tr>
<td>50337</td>
<td>Straight Biceps Pin</td>
</tr>
<tr>
<td>54206</td>
<td>Cineplasty Kit, Does Not Include Pin</td>
</tr>
<tr>
<td>50339</td>
<td>Safety Capsule</td>
</tr>
<tr>
<td>50342</td>
<td>Yoke Assembly</td>
</tr>
</tbody>
</table>
Prefabricated Forearms

- Laminated in three pigment colors
- Prefabricated Forearm components may be purchased separately or ordered as a setup already assembled with forearm and elbow
- Wrists sold separately (specify type when ordering)
- Forearms may be cut to length

### Prefabricated Forearms: Measurement Chart

<table>
<thead>
<tr>
<th>SIZE</th>
<th>SMALL</th>
<th>MEDIUM</th>
<th>LARGE</th>
<th>LARGE (50MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELBOW TYPE</td>
<td>E-50 AND E-50F</td>
<td>E-200 AND E-200F</td>
<td>E-400 AND E-400F</td>
<td>E-400 AND E-400F</td>
</tr>
<tr>
<td>ELBOW DIAMETER</td>
<td>2” (51MM)</td>
<td>2-3/8” (61MM)</td>
<td>2-13/16” (71MM)</td>
<td>2-13/16” (71MM)</td>
</tr>
<tr>
<td>FOREARM LENGTH</td>
<td>4.5”-9.0”</td>
<td>5.5”-11.0”</td>
<td>6.5”-13.0”</td>
<td>6.5”-13.0”</td>
</tr>
<tr>
<td>(114-229MM)</td>
<td>(140-279MM)</td>
<td>(165-330MM)</td>
<td>(165-330MM)</td>
<td></td>
</tr>
<tr>
<td>FOREARM DIAMETER</td>
<td>OUTER - 38MM</td>
<td>OUTER - 45MM</td>
<td>OUTER - 50MM</td>
<td>OUTER - 55MM</td>
</tr>
<tr>
<td>INNER - 34MM</td>
<td>INNER - 40MM</td>
<td>INNER - 45MM</td>
<td>INNER - 50MM</td>
<td></td>
</tr>
<tr>
<td>WRIST DIAMETER</td>
<td>D1 38MM N/A</td>
<td>D1 45MM N/A</td>
<td>D1 50MM N/A</td>
<td>D1 55MM N/A</td>
</tr>
<tr>
<td>- WE-500N STYLE</td>
<td>D2 34MM N/A</td>
<td>D2 40MM N/A</td>
<td>D2 45MM N/A</td>
<td>D2 50MM N/A</td>
</tr>
<tr>
<td>- WE-500 STYLE</td>
<td></td>
<td></td>
<td></td>
<td>55MM (BOCK)</td>
</tr>
</tbody>
</table>

### Components: Sold Separately

<table>
<thead>
<tr>
<th>SIZE</th>
<th>SMALL</th>
<th>MEDIUM</th>
<th>LARGE</th>
<th>LARGE (50MM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOREARMS</td>
<td>57941</td>
<td>57940</td>
<td>57939</td>
<td>57509</td>
</tr>
<tr>
<td>- FOREARM, CAUCASIAN</td>
<td>57546</td>
<td>57545</td>
<td>57544</td>
<td>57510</td>
</tr>
<tr>
<td>- FOREARM, LIGHT BROWN</td>
<td>57549</td>
<td>57548</td>
<td>57547</td>
<td>57511</td>
</tr>
<tr>
<td>- FOREARM, DARK BROWN</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELBOWS, WITHOUT SADDLES</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>- ELBOW, STANDARD</td>
<td>54446</td>
<td>54445</td>
<td>54444</td>
<td>54444</td>
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<tr>
<td>- ELBOW, FRICTION</td>
<td>54449</td>
<td>54448</td>
<td>54447</td>
<td>54447</td>
</tr>
<tr>
<td>WRISTS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- WE-500N STYLE</td>
<td>57932</td>
<td>57938</td>
<td>57935</td>
<td>50MM BOCK WRIST</td>
</tr>
<tr>
<td>- WE-500 STYLE</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

### Setups: Assembled with Forearm and Elbow; Order Wrist Separately

<table>
<thead>
<tr>
<th>SETUP ELBOW TYPE</th>
<th>SMALL E-50</th>
<th>MEDIUM E-200</th>
<th>LARGE E-400</th>
<th>LARGE (50MM) E-400</th>
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<tbody>
<tr>
<td>FOREARM WITH ELBOW</td>
<td>57540</td>
<td>57541</td>
<td>57542</td>
<td>57512</td>
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<tr>
<td>- FOREARM, CAUCASIAN</td>
<td>57505</td>
<td>57504</td>
<td>57503</td>
<td>57513</td>
</tr>
<tr>
<td>- FOREARM, LIGHT BROWN</td>
<td>57508</td>
<td>57507</td>
<td>57506</td>
<td>57514</td>
</tr>
<tr>
<td>- FOREARM, DARK BROWN</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WRISTS</td>
<td>57932</td>
<td>57938</td>
<td>57935</td>
<td>50MM BOCK WRIST</td>
</tr>
<tr>
<td>- WE-500N STYLE</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>- WE-500 STYLE</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**NOTE:** Forearm may be cut to length
Custom Fabrication

Custom Fabrication Technical Services

CUSTOM FABRICATION TECHNICAL SERVICES
Quality Central Fabrication Services are available from The Fillauer Companies. For upper extremity custom fabrication, please contact our Customer Service Departments at Hosmer and Fillauer LLC for more information and pricing.

Hosmer  800.827.0070
Fillauer  800.251.6398

MODIFIED CHECK SOCKET WITH MARKINGS
All modifications and test fittings should be completed before sending check sockets to Custom Fabrication.

Markings should include:
   · Trim and Alignment Lines
   · Measuring Reference Points (acromion, etc.)
   · Component Placement Sites
   · Electrode Placement Sites
   · Patient Name, Facility Name, Address, Phone Number and Contact Name

MEASUREMENT CHART
A completely filled in measurement chart provides us with specific details necessary for fabrication of your patient's prosthesis. See the work form section for a sample measurement chart (available in English or Spanish). Call Customer Service to order a supply of charts.

   · Left or Right
   · Color of Prosthesis
   · Construction
   · Component List
   · Type of Socket
   · Special Adaptations

TRACINGS
Tracings are required for the following:
   · Shoulder Disarticulation
   · Interscapular Thoracic
   · Detail Required:
      a) Thoracic Mid-Line
      b) Alignment Lines
      c) Joint Center
      d) Lengths and Circumferences
Modular Endoskeletal System

- A versatile lightweight endoskeletal system with many options
- Call for additional information on Modular Endoskeletal configurations
- Externally powered components should be considered for the high level amputee

55314 Shoulder Joint Assembly
Recommended for Shoulder Disarticulation Patient

55132 Socket Adapter

5573 Pylon Tube Kit

55573 Pylon Tube Kit

55109 Socket Adapter

71983 Pylon Connector

60012 Endoskeletal Elbow

60826 Flare Adapter

56658 Forearm Lift Kit

56758 Distal Attachment Ring, Small

56758 Distal Attachment Ring, Large

Cosmetic Cover Kits
Includes Foam and Stockinette

56217 Above Elbow
56886 Below Elbow

MEDIUM-SHORT BE ENDOSKELETAL

A. Socket (Not Included)
B. 55132 Socket Adapter
C. 55573 Pylon Tube Kit

Includes:
71984 Collar
71991 Friction Washer
71993 Tube Sleeve
71990 Pylon Tube

D. 71983 Passive Wrist, 1/2-20 Thread
56966 Passive Wrist, M12 x 1.5mm Thread

E. 56758 Distal Attachment Ring, Small
56758 Distal Attachment Ring, Large

LONG BE ENDOSKELETAL

A. Socket (Not Included)
B. 55573 Pylon Tube Kit

Note: Cut and bend over socket or use PVC pipe

C. 71988 Friction Wrist

D. Distal Attachment Ring
Modular Endoskeletal System

Endoskeletal E-Two Electric Elbow
HOSMER

62690  Endoskeletal Electric Elbow, Medium
62691  Endoskeletal Electric Elbow, Large

Manual Lock Elbow
HOSMER

55170  Manual Lock Elbow, Right
56344  Manual Lock Elbow, Left

Alternating Lock Elbow
HOSMER

55135  Alternating Lock Elbow

Endoskeletal Elbow
HOSMER

60012  Endoskeletal Locking Elbow, 8 Locking Positions

Flare Adapter
Not Included
with 60012
**Modular Endoskeletal System**

**Flare Adapter for Endoskeletal Elbow**
HOSMER

- **60826** Flare Adapter
- **59724** O-Ring

**Passive Wrist**
HOSMER

- **71983** Passive Wrist, 1/2-20 Thread
- **56966** Passive Wrist, M12 x 1.5mm Thread

**Forearm Lift Kit**
HOSMER

- **56658** Forearm Lift Kit

**Friction Wrist**
HOSMER

- **71988** Friction Wrist

**Distal Attachment Rings**
HOSMER

- **56758** Distal Attachment Ring, Small
- **56255** Distal Attachment Ring, Large

**Socket Adapter**
HOSMER

- CAPP Wrist may be used as a socket adapter for the upper extremity endoskeletal system.
- Constant friction applied with a unique friction adjustment collar

- **55109** Socket Adapter CAPP Wrist 1413, 1-3/4" (4.4cm) Diameter; 1oz (28g)

*Includes:*
- **A. 55106** Housing, 55109
- **B. 59711** Clamp Assembly
- **C. 56661** Socket Head Screw
- **55313** Allen Wrench (Not Shown)

**Pylon Tube Kit**
HOSMER

- **55573** Pylon Tube Kit

*Includes:*
- **A. 71991** Friction Washer
- **B. 71993** Tube Sleeve
- **C. 71984** Collar
- **D. 71990** Pylon Tube

info@ortoped.ca  Tel: 514.342.6161 or 1.800.363.8726  Fax: 514.342.7565 or 1.800.663.8817  www.ortoped.ca
Modular Endoskeletal System

Shoulder Joint
HOSMER

55134  Flexion Abduction Joint, Endoskeletal

Includes:
A. 51011 Upper Strap
B. 55119 Lower Strap
C. 55541 Flare Fitting
D. 51019 Screw, 8-32 .375 Socket Head SST, 2 Each
E. 59724 O-Ring, .734 Inner Diameter 1" Outer Diameter
F. 51014 Hinge Assembly

Includes:
G. 5101p Screw, 4 Each
H. 50990 Clamp Center Screw
I. 51016 Clamp
J. 51017 Hinge Pin
K. 50991 Locking Pin, 2 Each
L. 51015 Hinge
M. 51018 Spring Pin
N. 51020 Screw
O. 51021 Nut

Cosmetic Cover Kits
HOSMER

- Includes foam and stockinette

56217  AE Cosmetic Cover Kit
56886  BE Cosmetic Cover Kit

Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817
www.ortoped.ca
Modular Endoskeletal System

M.A.P.S. System (Modular Arm Prosthetic System)
HOSMER

• Angle adjustment
• 360° rotation
• Lightweight
• Soft cosmesis
• Easy to work

A. 631028200  Alignment Adapter with Lamination Ring
B. 631150030  Glass Fiber Tube 150 x 30 x 1mm
   631300030  Glass Fiber Tube 300 x 30 x 1mm
C. 631028100  Wooden Wrist Fitting, 28mm M12 x 1.5mm
D. 631028101  Wrist Internal Thread, 28mm 1/2”-20
   631028102  Wrist Internal Thread, 28mm M12 x 1.5mm
E. 631028103  Wrist for O.B. Electric Hands
   631000122  2mm Hex Key for Alignment Adapter
F. 631300090  Arm Cosmesis 300 x 90mm for 30mm Tube
   631300110  Arm Cosmesis 300 x 110mm for 30mm Tube
Externally Powered Systems

**E-Two Electric Elbow**

**HOSMER**

- Uses up to 40% less power than previous elbow design.
- New motor is more than 47% faster.
- Provides a 37.5% improvement in lift (3.3 lbs) compared to a previous elbow lift of 2.4 lbs
- Good for upper extremity amputees with limited motion or strength
- Myoelectric or switch control

**FEATURES:**
- Modular designs of elbow and accessories allow many prostheses configurations
- Interchangeable with E-200 and E-400 style conventional elbows
- Exo or Endoskeletal application
- Compatible with Michigan Child Electric Hook, Centri Myo Hand, and Motion Control Myo Hands
- Myoelectric or switch controlled
- Free swing at full extension
- Lightweight; extremely quiet
- Low maintenance
- Rechargeable Lithium-Ion batteries operate elbow for 33 hours with average use

**E-Two Elbow, Exoskeletal**

- **62688** E-Two HD Elbow, Medium, Free Swing – EXO
- **62689** E-Two HD Elbow, Large, Free Swing – EXO
- **62566** E-Two HD Elbow, Medium, EXO (for use with the Centri myo system)
- **62567** E-Two HD Elbow, Large, EXO (for use with the Centri myo system)
- **62801** E-Two HD Elbow, Medium, EXO (for use with Motion Control myo system)
- **62802** E-Two HD Elbow, Large, EXO (for use with Motion Control myo system)

**E-Two Elbow, Endoskeletal**

- **62690** HD Elbow, Medium E-Two Free Swing – ENDO
- **62691** HD Elbow, Large E-Two Free Swing – ENDO
Externally Powered Systems

Control Systems
HOSMER

SWITCH CONTROLS FOR E-TWO ELECTRIC ELBOWS
57412 Two Position Pull Switch, E-Two
71987 Two Position Two Button Push Switch, OCCC
56277 Two Position Two Button Push Switch, E-Two
71977 Three Function Pull Switch, E-Two (Not Shown)

MODULAR BATTERY PACK
Batteries Included
61859 7.2V, Li-Ion Battery Pack (1900watt) 2.7” x 1.5” x 0.8”

BATTERY CHARGERS
71617 5V or 6V Battery Charger, 220V (For International Use)
61858 7.2V, Li-Ion Battery Charger

OPTIONAL
Please Call Customer Service For Information
57818 Laminating Form for EMG Electrode
57816 Electrode Button, Low Profile,.09” High
57815 Electrode Button, Medium Profile,.19” High
57814 Electrode Button, High Profile,.28” High
57433 Retrofit Electric Elbow with Free Swing
Externally Powered Systems

E-Two Electric Elbow Specifications

HOSMER

<table>
<thead>
<tr>
<th>ELBOW TORQUE UNDER FOREARM LOAD</th>
<th>LIFT TIME (FLEXION) 5° – 135°</th>
<th>CURRENT</th>
<th>FREE FOREARM SWING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 IN - LBS</td>
<td>1.7 SECONDS</td>
<td>0.36 AMPS</td>
<td></td>
</tr>
<tr>
<td>15 IN - LBS</td>
<td>2.4 SECONDS</td>
<td>0.8 AMPS</td>
<td></td>
</tr>
<tr>
<td>28 IN - LBS</td>
<td>4.2 SECONDS</td>
<td>1.2 AMPS</td>
<td>5° – 135°</td>
</tr>
<tr>
<td>30 IN - LBS</td>
<td>4.3 SECONDS</td>
<td>1.4 AMPS</td>
<td></td>
</tr>
<tr>
<td>40 IN - LBS</td>
<td>5.4 SECONDS</td>
<td>1.7 AMPS</td>
<td></td>
</tr>
<tr>
<td>50 IN - LBS</td>
<td>7.3 SECONDS</td>
<td>1.9 AMPS</td>
<td></td>
</tr>
<tr>
<td>BREAK AWAY CLUTCH 18-20 FT-LBS</td>
<td>OVERLOAD</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

POWER REQUIREMENTS:
Voltage: 7.2 volts = New 7.2 Li-Ion battery pack

Lithium Ion Battery Charge Time: Approximately six hours

CHARGER: USE ONLY HOSMER RECOMMENDED CHARGER. CHARGING CURRENT, VOLTAGE, AND POLARITY MUST MATCH.

NY ELECTRIC ELBOW SPECIFICATIONS:
• Myoelectric Control: Two EMG sites required, flexion and extension, with ground
• Switch Control: Two function control switch, flexion and extension, push or pull switches
• Weight: Medium elbow (E-200 size), 18.5oz (524g); large elbow (E-400 size), 19oz (548g)
• Height: Large or medium elbow axis to socket end: 2-1/2” (6.4cm)
• Diameter: Socket interface (turntable) (measurement A): medium elbow, 2-3/8” (6cm); large elbow, 2-13/16” (7.1cm)
• Saddle Width (measurement B): Medium elbow, 2-1/4” (5.7cm); large elbow, 2-3/8” (6cm)
Externally Powered Systems

NY Prehension Actuator (P.A.)

- Motor assisted forearm allows patient with limited excursion to more easily operate variety of terminal devices
- Significantly decreases amount of excursion required to open terminal device
- Forearm custom fabricated to your specifications and requirements

FEATURES:
- Switch or myoelectrically controlled
- Manual pronation/supination with adjustable friction allowed from mid-forearm turntable
- Operates for several days on one charge of commonly available Lithium Ion batteries
- Power cutoff feature prevents inadvertent draining of power pack
- Low maintenance
- Available in two wrist sizes (1-3/4" and 2") and compatible with all adult elbows

<table>
<thead>
<tr>
<th>Product No.</th>
<th>Elbow Size</th>
<th>Wrist Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>59165</td>
<td>MEDIUM: E-200</td>
<td>2&quot; (5.08CM)</td>
</tr>
<tr>
<td>59166</td>
<td>MEDIUM: E-200</td>
<td>1-3/4&quot; (4.45CM)</td>
</tr>
<tr>
<td>59167</td>
<td>MEDIUM: E-TWO ELECTRIC</td>
<td>2&quot; (5.08CM)</td>
</tr>
<tr>
<td>59168</td>
<td>MEDIUM: E-TWO ELECTRIC</td>
<td>1-3/4&quot; (4.45CM)</td>
</tr>
<tr>
<td>59163</td>
<td>LARGE: E-TWO ELECTRIC or E-400</td>
<td>2&quot; (5.08CM)</td>
</tr>
<tr>
<td>59164</td>
<td>LARGE: E-TWO ELECTRIC or E-400</td>
<td>1-3/4&quot; (4.45CM)</td>
</tr>
<tr>
<td>59319</td>
<td>E-500 OR E-5500 ELBOW DISARTICULATION FOREARM</td>
<td>CUSTOM ORDER</td>
</tr>
</tbody>
</table>

PLEASE SUPPLY THE FOLLOWING INFORMATION WHEN ORDERING THE PA:
- Forearm length from elbow axis to end of wrist, minimum forearm length: 8" (20.32cm)
- Pigment Color (Standard, Kingsley)
- Right or Left Side
- Wrist Style: Use 1-3/4" or 2" diameter wrists
- Elbow Style
- Myoelectric or Switch Control
- Power Supply (Modular Battery Pack)
- Charger

P.A. CONFIGURATIONS FOR FABRICATION
- Wrist and elbow saddle must be fabricated into forearm when P.A. is ordered
- Any Hosmer 1-3 /4" or 2" diameter wrist is suitable
- Select saddle from Hosmer’s conventional or electric elbows

NOTE: When ordering P.A. with Outside Locking Hinges, laminating straps are not included
NY P.A. Components

Myoelectric Control Package
HOSMER
• For NY Prehension Actuator

57791 Myoelectric Control Kit

*Includes:*
58671 Myoelectric Processor
57804 EMG Electrode Assembly, (1 Electrode Included)
57809 Ground Electrode Assembly, (1 Electrode Included)
57815 Electrode Button, Medium (3 Buttons Included)
57454 Jumper Connector
54487 Gain Adjustment Tool

Switch Controls
HOSMER
• For NY Prehension Actuator

57405 Single Position Pull Switch, E-Two, For Conventional 1/2" Harness Attachment
53036 Single Position/Single Button Push Switch, E-Two
71940 Single Position/Single Button Push Switch, OCCC
71977 Three Function Pull Switch, E-Two, (Not Shown)

Modular Battery Pack and Chargers
HOSMER

*Batteries Included:*
61583 7.2V, Li-ion Battery Pack (1900 watt) 2.7” x 1.5” x 0.8”

Battery Chargers
71617 5V or 6V Battery Charger, 220V (For International Use)
61858 7.2V, Li-ion Battery Charger

NY PREHENSION ACTUATOR (P.A.)
SPECIFICATIONS:
• Myoelectric Control: 1 EMG site and 1 ground required
• Switch Control: Single function control, push or pull switch
• 7.2V Li-ion battery
• Weight: 1lb (445g) with 9-1/2" forearm and 2" CAPP Delrin Wrist
• Length: Minimum length for forearm: 8” (20.32cm)
• Cable Travel: Maximum cable travel 1-5/8”
• Pull: 12lbs or 3 rubber bands MAXIMUM
Externally Powered Systems

**Michigan Electric Hook**

HOSMER

- Child size electric hook
- Assists younger patients with limited excursion in operating terminal device more effectively
- Utilizes a modified 10P or 10X hook

**FEATURES**

- Switch or myoelectric control
- Available as self-contained BE prosthesis with myoelectric control
- May be used in conjunction with E-Two Electric Elbow
- Utilizes nitrile rubber or plastisol covered hooks

**MICHIGAN ELECTRIC HOOK WITH NITRILE RUBBER LINED FINGERS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>70790</td>
<td>Michigan Electric Hook, 10X Right</td>
</tr>
<tr>
<td>70792</td>
<td>Michigan Electric Hook, 10X Left</td>
</tr>
</tbody>
</table>

**MICHIGAN ELECTRIC HOOK WITH PLASTISOL COVERED FINGERS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>70791</td>
<td>Michigan Electric Hook, 10P Right</td>
</tr>
<tr>
<td>70793</td>
<td>Michigan Electric Hook, 10P Left</td>
</tr>
</tbody>
</table>

**MYOELECTRIC CONTROL PACKAGE**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>57791</td>
<td>Myoelectric Control Kit</td>
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<tr>
<td></td>
<td>Includes: Processor, 1 EMG Electrode, Ground Electrode, Medium Buttons, and Jumper Connector</td>
</tr>
</tbody>
</table>

**SWITCH CONTROLS**

Can be used when Michigan Electric Hook is used alone or in combination with other electric or myoelectric components

**MICHIGAN ELECTRIC HOOK SPECIFICATIONS:**

- Myoelectric Control: 1 EMG site and 1 ground required
- Switch Control: Single function control, push or pull switch
- Power Supply: 7.2V Li-Ion battery
- Weight: 4oz (113g) 10X Electric Hook (nitrile rubber lined fingers): 5oz (142g)
  10P Electric Hook (plastisol covered fingers)
- Wrist: Any child size wrist with 1/2-20 threads can be used
Electric Component Controls

Prehension Actuator or Michigan Hook

Myoelectric Control

HOSMER

57791 Myoelectric Control Kit for One EMG Site,  
Single Site/Single Function EMG and Ground Electrodes,  
Interfaces with Prehension Actuator or Michigan Electric Hook

St. Anthony’s Circuit

HOSMER

- Control opens the terminal device when myoelectrical or mechanical switch is engaged
- 1st position is elbow down, 2nd position is elbow up and 3rd position is hand open
- When switch is disengaged the terminal devices closes and pinch force is applied
- Easily incorporated into the Hosmer E-Two Elbow and 3-position switch

61288 Circuit for Use with Motion Control Hand  
61640 Circuit for Use with Otto Bock Hand

NY Electric Elbow Switch Controls

HOSMER

71987 Two Function/Two Button Push Switch, OCCC Two Function,  
Extension and Flexion, Internally Mounted
56277 Two Function/Two Button Push Switch, Two Functions,  
Extension and Flexion, Externally Mounted
57412 Two Function Pull Switch, Operates Extension and Flexion From  
Conventional 1/2" Harness Attachment
71977 3 Function Pull Switch, Activate Three Functions From One  
Control Switch: Elbow Extension and Flexion and Operation of P.A.  
or Michigan Hook

Prehension Actuator or Michigan Hook Switch Controls

HOSMER

71940 Single Button Push Switch, OCCC Single Function, Internally Mounted  
53036 Single Button Push Switch, NY Single Function, Externally Mounted  
57405 Single Function Pull Switch, NY Conventional 1/2" Harness Attachment

CONTROLS FOR ELECTRIC COMPONENTS

- Simple plug-in modules
- Either myoelectric or switch controlled
- Modular design enables prosthelist to customize an electric system and interchange controls for best possible application
Li-Ion Power System Battery
HOSMER
- Small size, ideal for mounting pack distal to socket or directly above elbow turntable
- Battery size 2.7” × 1.5” × 0.8”

61583 7.2 Li-Ion Power System Battery, (1900 watt)

Replacement Battery
HOSMER
61584 Battery, 7.2V Li-Ion, For Use with E-Two Electric Elbow

Battery Chargers
HOSMER
71617 5V or 6V Battery Charger, 220V, For International Use, or where 220 Voltage is Customary
61585 7.2 Li-Ion Battery Charger, Specifically Designed for the Li-Ion Power System
Myoelectric Accessories

MyoLab II Analyzer
HOSMER - CENTRI
- Superior training and fitting aid for myoelectric prostheses
- Readings register immediately without using electrode gel
- Biofeedback reduces learning curve for patient – visual and audio
- Verify electrode placement inside socket while patient is wearing prosthesis
- Ideal as diagnostic aid and for muscle strengthening or relaxation training

61040  MyoLab II with Adapter
61039  MyoLab II
61038  Adapter for Hosmer Myo System

MYOLAB II FEATURES
- Two independent channels
- Locate EMG site on muscle groups for myoelectrode placement
- Allows patient to develop separation of signals through visual feedback
- Compact 7.5” x 4” x 1.2” (19cm x 10cm x 3cm)
- Weighs 2lbs (445g)

Electric Accessories
HOSMER

70409  Forearm Jumper Cable, Specialized Cable Required When Using the P.A. or Michigan Electric Hook in Conjunction with Electric Elbow
71625  European Plug Adapter Kit
57454  Jumper Connector, For Use with Myo P.A.
54735  3 Pin Connector, Female
54736  3 Pin Connector, Male
71975  5 Pin Connector, Female
56224  5 Pin Connector, Male
58196  Shipping Plug, Prevents Activation During Shipping

Myoelectric Accessories
HOSMER

57804  EMG Electrode Assembly
57809  Ground Electrode Assembly
57814  Button, Electrode, High Profile
57815  Button, Electrode, Medium Profile
57816  Button, Electrode, Low Profile
57818  Laminating Form, EMG Electrode

Tel: 514.342.6161 or 1.800.363.8726 | Fax: 514.342.7565 or 1.800.663.8817 | www.ortoped.ca
Myoelectric Accessories

Male Myoelectric Hand

- Proportional control, fast opening and closing electric hand (.35 seconds)
- Lightweight and short hand length
- Unique wrist motion similar to the natural hand function
- Wrist sold separately
- Does not require an inner shell

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>610 634 011</td>
<td>Centri® Myo Electric Hand 6 3/4, Left</td>
</tr>
<tr>
<td>610 634 012</td>
<td>Centri® Myo Electric Hand 6 3/4, Right</td>
</tr>
<tr>
<td>610 714 011</td>
<td>Centri® Myo Electric Hand 7 1/4, Left</td>
</tr>
<tr>
<td>610 714 012</td>
<td>Centri® Myo Electric Hand 7 1/4, Right</td>
</tr>
<tr>
<td>610 734 011</td>
<td>Centri® Myo Electric Hand 7 3/4 and 8 1/4, Left</td>
</tr>
<tr>
<td>610 734 012</td>
<td>Centri® Myo Electric Hand 7 3/4 and 8 1/4, Right</td>
</tr>
</tbody>
</table>

Inner Shell for Electric Hand

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>610 734 009</td>
<td>Myo Hand 7 3/4, Left</td>
</tr>
<tr>
<td>610 734 010</td>
<td>Myo Hand 7 3/4, Right</td>
</tr>
<tr>
<td>610 814 009</td>
<td>Myo Hand 8 1/4, Left</td>
</tr>
<tr>
<td>610 814 010</td>
<td>Myo Hand 8 1/4, Right</td>
</tr>
</tbody>
</table>

Cosmetic Glove

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X11 609 XXX</td>
<td>Cosmetic Glove 6 3/4 Youth, Left</td>
</tr>
<tr>
<td>X11 610 XXX</td>
<td>Cosmetic Glove 6 3/4 Youth, Right</td>
</tr>
<tr>
<td>X11 613 XXX</td>
<td>Cosmetic Glove 7 1/4 Female, Left</td>
</tr>
<tr>
<td>X11 614 XXX</td>
<td>Cosmetic Glove 7 1/4 Female, Right</td>
</tr>
<tr>
<td>X11 615 XXX</td>
<td>Cosmetic Glove 7 3/4 Female, Left</td>
</tr>
<tr>
<td>X11 616 XXX</td>
<td>Cosmetic Glove 7 3/4 Female, Right</td>
</tr>
<tr>
<td>X11 607 XXX</td>
<td>Cosmetic Glove 7 3/4 Male, Left</td>
</tr>
<tr>
<td>X11 608 XXX</td>
<td>Cosmetic Glove 7 3/4 Male, Left</td>
</tr>
<tr>
<td>X11 619 XXX</td>
<td>Cosmetic Glove 8 1/4 Male, Left</td>
</tr>
<tr>
<td>X11 620 XXX</td>
<td>Cosmetic Glove 8 1/4 Male, Left</td>
</tr>
</tbody>
</table>
Myoelectric Accessories

**Quick Change Wrist with Rotation**

- 610 000 001: Centri® Quick Change Wrist with Rotation for Centri® Battery
- 610 000 002: Centri® Quick Change Wrist Dummy for Lamination

**Electrode with Studs, Proportional**

- A. 610 000 010: Centri® Electrode w/ studs (3 pcs), Proportional
- B. 610 000 027: Stud (1 pc)

**Control Unit for Myoelectric Hand**

- 610 000 012: Control unit for Centri® Electric Hand
- 610 000 013: Cable for control unit to Centri Electrode
- 610 000 031: Control Unit Single Side - Open/Close

**Withdrawl Tool**

- 610 000 026: Withdrawl Tool
Myoelectric Accessories

Quick Change Wrist with Rotation

631 000 004  Touch Pads Kit (3 pcs) TP01
610 000 008  Cable for control unit (to touch pad)

Batteries for Myoelectric Hand

A. 631 000 015  External Use Battery Ni MH 6 V 500 mAh (for external use)
B. 610 000 016  External Use Battery case
C. 631 000 018  Dummy Battery for Lamination
D. 610 000 019  Battery charger 110-240V for Ni MH Battery Traveler Version
E. 610 000 033  Internal Use Battery Li ion Polymer 7.4 V 1000mAh
F. 610 000 019  Battery charger 110-240V for Li ion Battery
G. 610 000 022  Charge plug for Li ion Battery
H. 610 000 021  Sensor for Li ion Battery
610 000 033  Wire to connect two batteries (not shown)

On/Off Switch

610 000 024  On/Off Switch
Myoelectric Accessories

Ordering Guide for Centri MYO Electric Hand

Option: Centri Electrode w/ Studs
Part No. 610 000 010 (3 pcs)

Option: Touch Pads Kit
Part No. 631 000 004
Part No. 631 000 005

Option: Cable for Otto Bock Battery
Part No. 610 000 026

Quick Change Wrist
Part No. 610 000 001

On/Off Switch
Part No. 610 000 024

Control Unit
Part No. 610 000 012

Option: Centri Internal Battery 7.4 V Li-Ion
Part No. 610 000 020
Battery
Part No. 610 000 021
Battery Sensor
Part No. 610 000 022
Battery Charger Plug

Option: Centri External Battery 6 V Ni MH
Part No. 610 000 024

Option: Touch Pads Kit
Part No. 631 000 004
Part No. 631 000 005

Option: Cable for Otto Bock Battery
Part No. 610 000 026
# Hand Accessories

## Hand Plate

### HAND PLATE WITH LONG STEM

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>621050401</td>
<td>Hand Plate, with Long Stem, 40mm Diameter, M12x1.5</td>
</tr>
<tr>
<td>621050402</td>
<td>Hand Plate, with Long Stem, 40mm Diameter, 1/2-20</td>
</tr>
<tr>
<td>621050403</td>
<td>Hand Plate, with Long Stem, 40mm Diameter, Unthreaded</td>
</tr>
<tr>
<td>621050501</td>
<td>Hand Plate, with Long Stem, 50mm Diameter, M12x1.5</td>
</tr>
<tr>
<td>621050502</td>
<td>Hand Plate, with Long Stem, 50mm Diameter, 1/2-20</td>
</tr>
<tr>
<td>621050503</td>
<td>Hand Plate, with Long Stem, 50mm Diameter, Unthreaded</td>
</tr>
</tbody>
</table>

### HAND PLATE WITH SHORT STEM

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>621050404</td>
<td>Hand Plate, with Short Stem, 40mm Diameter, M12x1.5</td>
</tr>
<tr>
<td>621050405</td>
<td>Hand Plate, with Short Stem, 40mm Diameter, 1/2-20</td>
</tr>
<tr>
<td>621050406</td>
<td>Hand Plate, with Short Stem, 40mm Diameter, Unthreaded</td>
</tr>
<tr>
<td>621050504</td>
<td>Hand Plate, with Short Stem, 50mm Diameter, M12x1.5</td>
</tr>
<tr>
<td>621050505</td>
<td>Hand Plate, with Short Stem, 50mm Diameter, 1/2-20</td>
</tr>
<tr>
<td>621050506</td>
<td>Hand Plate, with Short Stem, 50mm Diameter, Unthreaded</td>
</tr>
</tbody>
</table>

## Wrist Socket with Ball Lock

### CENTRI

- 360 degrees of rotation
- Quick release for ease in changing terminal devices

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>631060100</td>
<td>Wrist Socket, with Ball Lock, 60mm Diameter for Long Stem</td>
</tr>
<tr>
<td>631060200</td>
<td>Wrist Socket, with Ball Lock, 60mm Diameter for Short Stem</td>
</tr>
<tr>
<td>631040100</td>
<td>Wrist Socket, with Ball Lock, 40mm Diameter for Long Stem</td>
</tr>
</tbody>
</table>
Hand Accessories

**Wooden Wrist Fitting**

**CENTRI**

**621020100** Wooden Wrist Fitting, 60mm Diameter, M12x1.5mm

**Grooved Stem**

**CENTRI**

**621030100** Grooved Stem, M12x1.5mm

**Connecting Pin**

**CENTRI**

A. **621040100** Connecting Pin, M12x1.5mm
B. **621040110** Connecting Pin, M12x1.5mm to 1/2-20
How to Order:
• Orders can be placed by telephone, fax, or email.
• Please use part numbers or item descriptions on all orders to ensure accuracy.
• Include desired method of shipment on all orders, as well as the required delivery date.

New Accounts:
• Initial orders will be shipped prepaid by credit card only until credit terms have been established.
• Customer credit accounts will be processed upon receipt and approval of complete credit application. Please note that it will take approximately seven (7) days to process your application.

Payment Terms:
• Net thirty (30) days from date of invoice.
• 1% discount on accounts paid within ten (10) days of date of invoice.
• Visa and MasterCard payments accepted and will be charged on the date of shipment.

Prices:
• All prices are quoted in Canadian dollars, F.O.B. Montreal, Quebec, Canada.
• Prices are subject to changes without notice. Please refer to our price list.
• These prices do not include any applicable sales taxes or duties.
• Shipments will be sent prepaid and freight charges will be added to the invoice.
• Standard freight charges do not include insurance.

Service Charges:
• All past due amounts are subject to a 1.5% per month service charge, with an effective annual rate of 18%.

Returns, Adjustments and Credits:
• Prior approval and a Return Authorization (RA) number must be obtained from the Inside Sales Department for any goods returned for credit.
• Merchandise returned for credit is subject to inspection and a minimum handling charge of 15% will apply.
• A copy of the Return Authorization (RA) form issued by the Inside Sales Department must be included with all returned goods.
• Goods returned without prior approval or without the Return Authorization (RA) form are subject to refusal and will be returned at the customer’s expense; if accepted, an additional 10% handling charge will apply.
• Freight charges for the original shipment remain the responsibility of the customer unless the error is due to an incorrectly shipped item.
• Please inspect all orders immediately upon receipt. Call the Inside Sales Department within five (5) business days in the event of errors or damage.
• Special orders or custom orders are specifically not returnable.
• Returns will not be accepted after thirty (30) days from date of invoice or in used condition.
• Returned products must be in their original packaging.
• Return Authorizations are valid for a maximum period of thirty (30) days from the date of issue.

Limited Warranty:
• Please refer to the warranty provisions of the original manufacturer of the relevant product.
• OrtoPed Inc. does not warrant or guarantee the products sold beyond the replacement or credit for defective goods.

For more information please contact us:
Tel: 1.800.363.8726 Fax: 1.800.663.8817 Email: info@ortoped.ca