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UPPER EXTREMITY PROSTHETICS

Hooks

Model 5-Adult Size Hook

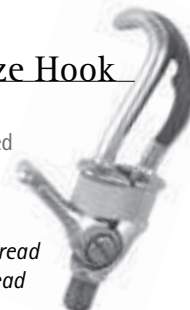
HOSMER

- 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 8X-Medium Adult Size Hook

HOSMER

- Stainless steel, canted fingers, nitrile rubber lined
- 4-5/8" (11.7cm) long; 7.5oz (213g)

55032 Model 8X, *Right, Standard 1/2-20 Thread***55031** Model 8X, *Left, Standard 1/2-20 Thread*Model 555-Adult Size Hook

HOSMER

- Aluminum, lyre fingers, nitrile rubber lined
- 5-1/4" (13.3cm) long; 4.5oz (121g)
- Available with either standard 1/2-20 or M12 x 1.5mm thread

55060 Model 555, *Right***55059** Model 555, *Left***61979** Model 555, *Right, M12 x 1.5mm***61978** Model 555, *Left, M12 x 1.5mm*Model 88X-Medium Adult Size Hook

HOSMER

- Aluminum, canted fingers, nitrile rubber lined
- 4-5/8" (11.7cm) long; 4oz (113g)
- Available with either 1/2-20 standard or M12 x 1.5mm thread

55036 Model 88X, *Right, Standard 1/2-20 Thread***55035** Model 88X, *Left, Standard 1/2-20 Thread***61975** Model 88X, *Right, M12 x 1.5mm***61992** Model 88X, *Left, M12 x 1.5mm*Model SS-555 Adult Size Hook

HOSMER

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

55063 Model SS-555, *Right, Standard 1/2-20 Thread***55062** 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***55028** Model 8, *Left, Standard 1/2-20 Thread*

UPPER EXTREMITY PROSTHETICS

Hooks

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 12P-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 12P, *Caucasian, Right, Standard 1/2-20 Thread***55056** Model 12P, *Caucasian, Left, Standard 1/2-20 Thread***54282** Model 12PN, *Brown, Right, Standard 1/2-20 Thread***54281** Model 12PN, *Brown, Left, Standard 1/2-20 Thread*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*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 1/2-20 Thread***61985** Model 10X, *Left, M12 x 1.5mm, 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 retread 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

- Aluminum, 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 10P, *Caucasian, Right, Standard 1/2-20 Thread***55050** Model 10P, *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*

UPPER EXTREMITY PROSTHETICS

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*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 SetModel 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*Sierra 2-Load Voluntary Opening Hook

HOSMER

- Pinch force controlled through load selector button located on thumb
- 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

UPPER EXTREMITY PROSTHETICS

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*



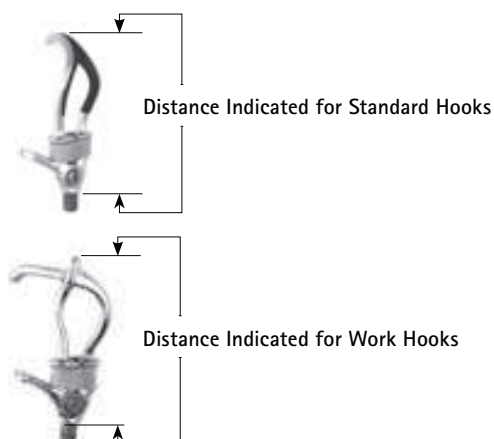
Hook Retread and Repairs

- 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 Measuring Guide



UPPER EXTREMITY PROSTHETICS

Hook Accessories

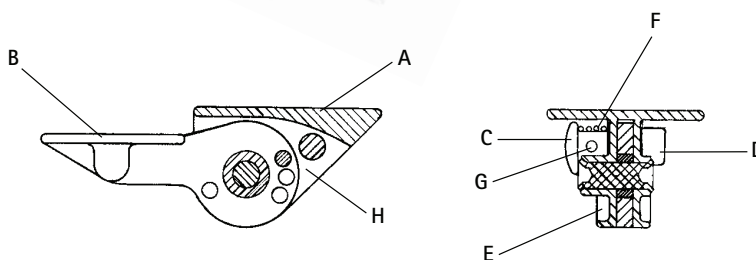
CAPP Multi-Position Post

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*)



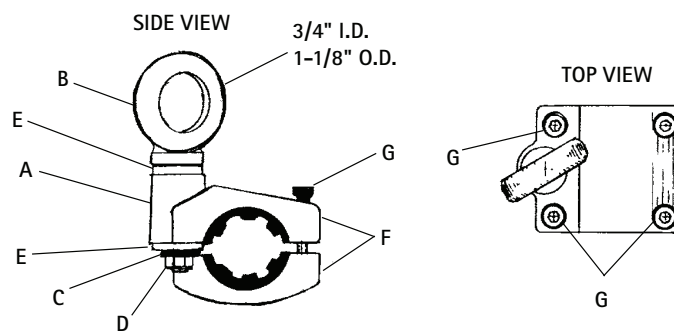
Driving Ring

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

UPPER EXTREMITY PROSTHETICS

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 LengthenerHook 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 ApplierHook 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*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

UPPER EXTREMITY PROSTHETICS

Terminal Devices

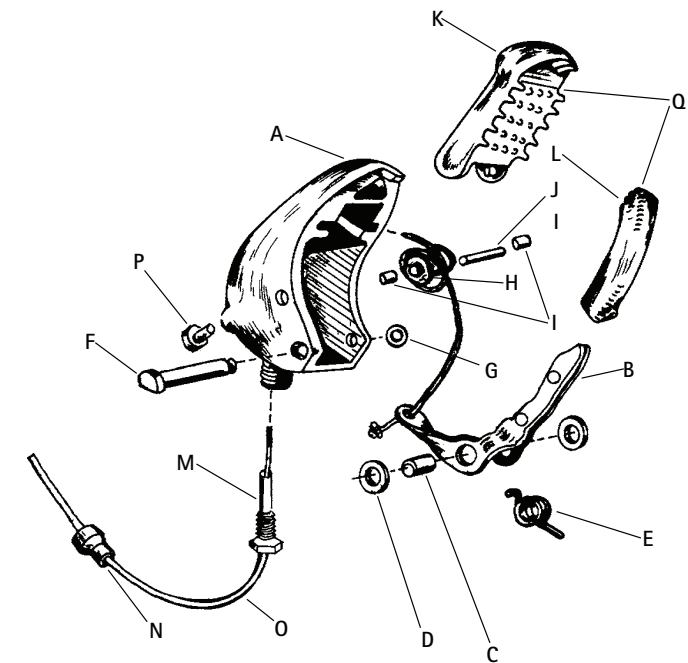


UCLA CAPP Terminal Device
HOSMER

- 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" (3.8m); 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

SPRING TENSION	CAUCASIAN	DARK BROWN
SOFT	71630	59322
REGULAR	71620	59321
HEAVY DUTY	71633	71634



	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
Soft Spring	71623	71623
Heavy Duty Spring	71631	71631
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

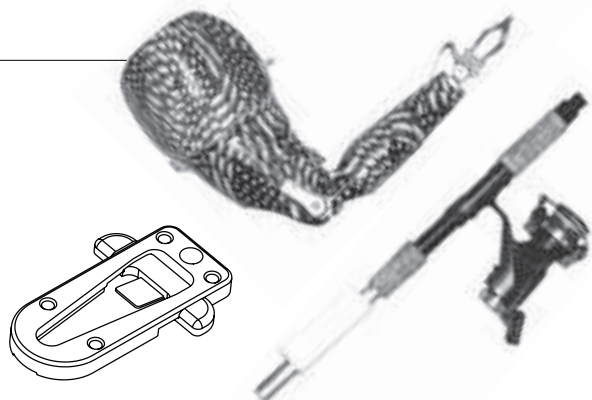
Recreational Devices

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

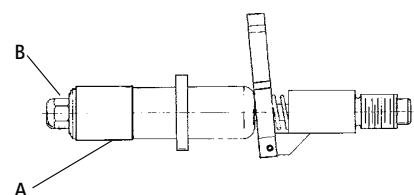
HOSMER

- 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



RIGHT	LEFT	SIZE	CIRCUMFERENCE	WEIGHT
611010102	611010101	EXTRA SMALL	6.5" (165MM)	5.10Z 144.6G
611010202	611010201	SMALL	7.9" (200MM)	8.10Z 229.6G
611010302	611010301	MEDIUM	9.4" (240MM)	12.30Z 348.7G
611010402	611010401	LARGE	10.4" (265MM)	15.00Z 425.2G

UPPER EXTREMITY PROSTHETICS

Texas Assistive Devices



N-Abler II System Texas Assistive Devices

HOSMER - CENTRI

- The N-Abler II allows upper extremity amputees to return to their pre-amputation lifestyle

TERMINAL DEVICE

TD-0N2 N-Abler II Terminal Device, *Anodized Aluminum, Standard 1/2-20 Thread Stud*

QUICK-DISCONNECTS

QDLC01-0N2 N-Abler II Lamination Ring

ENDO-SKELETAL ADAPTERS

EQDA07-0N2 N-Abler II Endo-Skeletal Quick Disconnect with Adapter
WUA08-0N2 N-Abler II Endo-Skeletal Wrist Unit Adapter
ETIA09-0N2 N-Abler II Endo-Skeletal Elbow Tube Insert Adapter
W180WFU-0N2 180° Wrist Flexion Unit

N-Abler III System Texas Assistive Devices

HOSMER

- The N-Abler III WHO Brace allows individuals with wrist or hand dysfunction to regain confidence and independence
- Order terminal device separately
- Order quick disconnect insert separately

QUICK DISCONNECTS

QDPU03-0N2 N-Abler III Quick Disconnect Palmer Unit
QDIF02-0N2 Quick Disconnect Insert
QDIF03-0N2 Quick Disconnect Insert with O-Ring

SOFT BRACE WITH QUICK DISCONNECT

LWHOB01-0N2 With Quick Disconnect Palmer Unit, *Size 1, Small, Left*
RWHOB01-0N2 With Quick Disconnect Palmer Unit, *Size 1, Small, Right*
LWHOB02-0N2 Brace with Quick Disconnect Palmer Unit, *Size 2, Small - Medium, Left*
RWHOB02-0N2 Brace with Quick Disconnect Palmer Unit, *Size 2, Small - Medium, Right*
LWHOB03-0N2 Brace with Quick Disconnect Palmer Unit, *Size 3, Medium, Left*
RWHOB03-0N2 Brace with Quick Disconnect Palmer Unit, *Size 3, Medium, Right*
LWHOB04-0N2 With Quick Disconnect Palmer Unit, *Size 4, Large, Left*
RWHOB04-0N2 With Quick Disconnect Palmer Unit, *Size 4, Large, Right*



SIZE	CIRCUMFERENCE	ORIENTATION
1 1	13CM TO 15CM 5 7/8" TO 6"	LEFT OR RIGHT LEFT OR RIGHT
2 2	15CM TO 16.5CM 6" TO 6 1/2"	LEFT OR RIGHT LEFT OR RIGHT
3 3	16.5CM TO 18.5CM 6 1/2" TO 7 1/8"	LEFT OR RIGHT LEFT OR RIGHT
4 4	18.5CM TO 20CM 7 1/8" TO 7 7/8"	LEFT OR RIGHT LEFT OR RIGHT

Texas Assistive Devices

QDIF02-0N2



N-Abler II and III System Texas Assistive Devices

HOSMER - CENTRI

- The N-Abler II allows upper extremity amputees to return to their pre-amputation lifestyle
- The N-Abler III WHO Brace allows patients with wrist or hand dysfunction to regain confidence and independence

OEES15-0N2



QUICK-DISCONNECTS

QDIF02-0N2 Quick Disconnect Insert**QDWU02-0N2** Quick Disconnect Wrist Unit**TAQDWU05-0N2** Threaded Adapter for Quick Disconnect Wrist

MECHANIC TOOLS

OEES15-0N2 Open End Standard Wrench Set*Includes Sizes:**1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", and 1"***BEES15-0N2** Box End Standard Wrench Set,*Includes Sizes:**1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 5/16", and 1"***OEMS15-0N2** Open End Metric Wrench Set,*Includes Sizes:**6mm, 7mm, 8mm, 9mm, 10mm, 11mm, M12 x 1.5mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, and 19mm***BEMS15-0N2** Box End Metric Wrench Set,*Includes Sizes:**6mm, 7mm, 8mm, 9mm, 10mm, 11mm, M12 x 1.5mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, and 19mm***AWS04-0N2** Adjustable Wrench Set,*Includes Sizes:**6", 8", 10"***RWS04-0N2** Ratchet Wrench Set,*Includes Sizes:**1/4", 3/8", 1/2" Drive***RW01-0N2** Ratchet Wrench, 1/4"**RW02-0N2** Ratchet Wrench, 3/8"**RW03-0N2** Ratchet Wrench, 1/2"

PLIERS SET

LGPS04-0N2 Locking Grip Pliers Set,*Includes Sizes:**5", 6" Needle Nose and 7"***LGCC01-0N2** Locking Grip C-Clamp**PW01-0N2** 8" Pipe Wrench

FILE SET

FS05-0N2 File Set,*Includes:**8" Round File, 8" Half Round File, 8" Mill File, and 8" Flat File***HFS08-0N2** Mini File Set

LGPS04-0N2



FS05-0N2



UPPER EXTREMITY PROSTHETICS

Texas Assistive Devices



Texas Assistive Devices (continued)

HOSMER

CARPENTER TOOLS

NSR101-0N2	Nail Set
NH03-0N2	Nail Holder
CS04-0N2	Coping Saw
MHCS01-0N2	Mini Hobby Saw
MHS07-0N2	Mini Hack Saw
HS06-0N2	Hack Saw
CH05-0N2	7oz Claw Hammer
BPH02-0N2	8oz Ball Peen Hammer
BPH03-0N2	4oz Ball Peen Hammer
TH08-0N2	Tack Hammer
RCH07-0N2	Rip Claw Hammer
PSS04-0N2	Phillips Screwdriver Set
SSS04-0N2	Slotted Screwdriver Set
HFVPS05-0N2	Yankee Screwdriver Set
CP01-0N2	Center Punch
UK03-0N2	Utility Knife
EK01-0N2	Exacto Knife
WCK02-0N2	Wood Carving Knife
WCS01-0N2	Wood Chisel Set

CUTLERY

8SS01-0N2	8" Sharpenng Steel, <i>Regular Cut</i>
6CK08-0N2	6" Chef Knife
7SGECK09-0N2	7" Chef Knife
8CK02-0N2	8" Chef Knife
10CK03-0N2	10" Chef Knife
8BK04-0N2	8" Bread Knife
3BK09-0N2	3" Boning Knife
6BK05-0N2	6" Boning Knife
3PK06-0N2	3 1/2" Paring Knife
4PK07-0N2	4" Paring Knife
12BS10-0N2	12" Brisket Slicer

KITCHEN TOOLS

VP01-0N2	Vegetable Peeler
CG02-0N2	Cheese Grater
CS03-0N2	Cheese Slicer
SK04-0N2	Skimmer
MB05-0N2	Melon Baller
Z06-0N2	Zester
PC07-0N2	Pizza Cutter, 4" <i>Wheel</i>
CF08-0N2	Carving Fork, 10 1/2" x 6" <i>Tines</i>
PF09-0N2	Pot Fork, 10 1/2" x 6" <i>Tines</i>
W12-0N2	Whisk
T13-0N2	Turner, 3" x 8" <i>Perforated</i>
OS015-0N2	Spatula, <i>Offset 10" x 2"</i>
PS11-0N2	Pie Server
LS14-0N2	Ladle
KS16-0N2	Kitchen Spoon
SS17-0N2	Slotted Spoon
PM10-0N2	Potato Masher
RT01-0N2	Retro Tool

Texas Assistive Devices



LSTS02-0N2

N-Abler II and III System Texas Assistive Devices

HOSMER - CENTRI

EATING UTENSILS

LSTF01-0N2	Locking Swivel Fork
LSTS03-0N2	Locking Swivel Spork
LSTTS02-0N2	Twistable Tablespoon
LSTS04-0N2	Twistable Spoon
SK03-0N2	Steak Knife
DK03-0N2	Dining Knife
LSTPF04-0N2	Pizza Fork

GARDEN TOOLS

GS01-0N2	Hand Spade
GC02-0N2	Hand Cultivator
HH04-0N2	Hand Hoe
PS03-0N2	Pruning Saw

GC02-0N2



OUTDOOR SPORTING GEAR

HK01-0N2	Hunting Knife, 3 1/2" with Gut Hook and Holster
FK02-0N2	Fillet Knife, 6"
FR03-0N2	Fishing Rod
APCA01-0N2	All Purpose Crank Adapter
GCSA04-0N2	Golf Club Shank Adapter
WLD04-0N2	Weight Lifting Device
WLD05-0N2	Weight Lifting Device, 1/2-20 Thread Shank
RH01-0N2	Passive Weight Lifting Device
PH02-0N2	Passive Weight Lifting Device, 1/2-20 Thread Shank
PPH01-0N2	Pencil/Pen Holder
TC05-0N2	Tool Cradle, 1/2-20 Thread Shank
LSTC04-0N2	Tool Cradle, Locking Swivel Shank
TC04-0N2	Tool Cradle
QRG05-0N2	Quick Release Gripper (Archery Trigger)
PB01-0N2	Pool Bridge (Cue Not Included)

HK01-0N2



UPPER EXTREMITY PROSTHETICS

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-manular activity
- Child achieves body symmetry
- Helps to protect child during a fall, aids in standing or sitting balance
- Incorporation of prosthesis in body image

HAND NO.	MCP	MCP WITH THUMB	OVERALL LENGTH	WEIGHT	COLOR	SIZE	SIDE
50484	3-3/4"	5-1/8"	3"	2.50Z/71G	CAUCASIAN	X-SMALL	LEFT
50483	3-3/4"	5-1/8"	3"	2.50Z/71G	CAUCASIAN	X-SMALL	RIGHT
59121	3-3/4"	5-1/8"	3"	2.50Z/71G	DARK BROWN	X-SMALL	LEFT
59120	3-3/4"	5-1/8"	3"	2.50Z/71G	DARK BROWN	X-SMALL	RIGHT
50486	4-1/2"	5-3/4"	3-1/4"	2.50Z/71G	CAUCASIAN	SMALL	LEFT
50485	4-1/2"	5-3/4"	3-1/4"	2.50Z/71G	CAUCASIAN	SMALL	RIGHT
59123	4-1/2"	5-3/4"	3-1/4"	2.50Z/71G	DARK BROWN	SMALL	LEFT
59122	4-1/2"	5-3/4"	3-1/4"	2.50Z/71G	DARK BROWN	SMALL	RIGHT

UPPER EXTREMITY PROSTHETICS

Child Hands

Child Crawling Prosthesis

CENTRI - HOSMER

- Soft foam passive hands allows child to begin bi-manular 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
1yyyyzz1 PVC



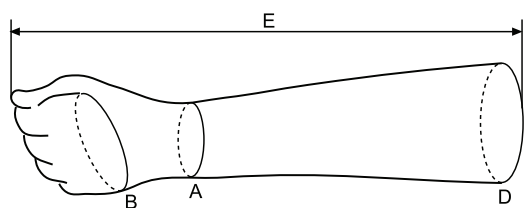
1yyyyzz4 Expanded MCV
1yyyyzz2 Expanded PVC



3yyyyzz3 Micro Coated Silicone
3yyyyzz1 Silicone

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

5xxxxx000 Passive



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

HAND NO. (XXXXX)	MEASUREMENTS IN MM					SIZE	SIDE	GLOVE NO. (YYYYY)
	A	B	C	D	E			
13901 13902	90 90	128 128	- -	112 114	116 110	SMALL SMALL	LEFT RIGHT	13901 13902
13903 13904	98 98	140 140	- -	122 123	126 120	MEDIUM MEDIUM	LEFT RIGHT	13903 13904
13905 13906	104 104	148 148	- -	130 132	137 126	LARGE LARGE	LEFT RIGHT	13905 13906

UPPER EXTREMITY PROSTHETICS

Child Hands

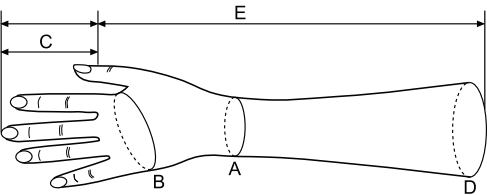


Child Passive Hand

CENTRI

- 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

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



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

COSMETIC GLOVE INFORMATION

- 1yyyyzz3 Micro Coated Vinyl
 1yyyyzz1 PVC
 1yyyyzz4 Expanded MCV
 1yyyyzz2 Expanded PVC
 2yyyyzz1 Hard PVC
 (Light Prosthesis)
 3yyyyzz3 Micro Coated Silicone
 3yyyyzz1 Silicone

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

HAND NO. (XXXXX)	MEASUREMENTS IN MM					SIZE IN INCHES	APPROXIMATE AGE FOR USE	SIDE	GLOVE NO. (YYYYY)
	A	B	C	D	E				
N/A	100	100	40	140	152	4	0-18 MONTHS	LEFT	10900L
N/A	100	100	40	133	151	4	0-18 MONTHS	RIGHT	10900R
10901	115	115	45	150	173	4-1/2	1-3 YEARS	LEFT	10901
10902	113	117	46	150	173	4-1/2	1-3 YEARS	RIGHT	10902
10903	113	123	47	150	186	5	3-6 YEARS	LEFT	10903
10904	115	128	48	153	191	5	3-6 YEARS	RIGHT	10904
10905	128	150	58	175	218	5-3/4	5-9 YEARS	LEFT	10905
10906	123	150	59	165	216	5-3/4	5-9 YEARS	RIGHT	10906

UPPER EXTREMITY PROSTHETICS

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
1yyyyzz1 PVC

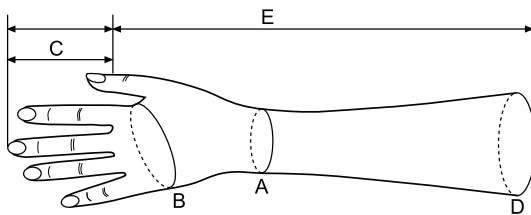


1yyyyzz4 Expanded MCV
1yyyyzz2 Expanded PVC



3yyyyzz3 Micro Coated Silicone
3yyyyzz1 Silicone

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



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

HAND NO. (XXXXX)	MEASUREMENTS			SIDE	GLOVE NO. (YYYYY)
	MCP	WRIST TO THUMB	WEIGHT		
50539	6-1/2" / 16.51CM	3-7/8" / 9.8CM	9OZ / 255G	LEFT	10203
50538	6-1/2" / 16.51CM	3-7/8" / 9.8CM		RIGHT	10204

UPPER EXTREMITY PROSTHETICS

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

HAND NO. (XXXXXX)	MEASUREMENTS		COLOR	CABLE EXIT	SIDE
	WRIST TO FINGER TIP	WEIGHT			
61826	3.3"	5.67OZ / 161G	CAUCASIAN	DORSAL	LEFT
61827	3.3"	5.67OZ / 161G	CAUCASIAN	DORSAL	RIGHT
61828	3.3"	5.67OZ / 161G	MEDIUM BROWN	DORSAL	LEFT
61829	3.3"	5.67OZ / 161G	MEDIUM BROWN	DORSAL	RIGHT
61830	3.3"	5.67OZ / 161G	DARK BROWN	DORSAL	LEFT
61831	3.3"	5.67OZ / 161G	DARK BROWN	DORSAL	RIGHT

UPPER EXTREMITY PROSTHETICS

Child Hands

Child Myoelectric Hand

CENTRI

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



ORDERING INFORMATION MYO HAND						
PRODUCT NUMBER FOR MYOELECTRIC HAND	SIDE	MCP	WRIST TO THUMB	PREHENTION PINCH FORCE	WEIGHT	GLOVE NUMBER (YYYYY)
610 634 011	LEFT	6 3/4"	58MM/90MM	68N (6V)	205G	11609
610 634 012	RIGHT	6 3/4"		68N (6V)	205G	11610

ORDERING GUIDE COSMETIC GLOVES				
GLOVE TYPE		GLOVE NO. (SEE ORDERING INFORMATION ABOVE)	CENTRI COLOR GUIDE	
PVC STANDARD	1	YYYYY	ZZ	1
PVC EXPANDED	1	YYYYY	ZZ	2
PVC STANDARD	1	YYYYY	ZZ	3
MCV EXPANDED	1	YYYYY	ZZ	4
EXAMPLE: PVC STANDARD (1) + GLOVE NO. (11609) + COLOR (C04) = PRODUCT NO. 111609041				

PRODUCT NO.	ORDERING INFORMATION ACCESSORIES	WEIGHT	MEASUREMENTS (MM)
610 000 001	QUICK CHANGE WRIST WITH ROTATION	45	H : 20 D : 39
610 000 002	QUICK CHANGE WRIST DUMMY FOR LAMINATION	-	-
610 000 010	CENTRI ELECTRODE WITH STUDS (3 PCS) PROPORTIONAL	24	L : 490 (INCL. CABLES)
610 000 027	STUD, IPC	3,5	D : 14 T MIN: 4.8
610 000 012	CONTROL UNIT	14	L : 42.5 W : 28 T : 11
610 000 013	CABLE FOR CONTROL UNIT TO CENTRI ELECTRODE	2	L : 250
610 000 014	CABLE FOR CONTROL UNIT TO OTTO BOCK ELECTRODE	2	L : 250
631 000 026	WITHDRAWL TOOL 3+6 POL. PLUG	-	-
631 000 004	TOUCH PADS KIT, 3PCS TP01	-	-
631 000 005	TP CABLE UNTERMINATED IM, 1M, 1PC TP10	-	-
610 000 015	BATTERY NIMH 6V 500MAH, EXTERNAL USE	74	L : 79 W : 31 T : 20
610 000 016	BATTERY CASE FOR NIMH 6V BATTERY	16	L : 91 W : 33 T : 23.5
610 000 018	DUMMY NIMH BATTERY FOR LAMINATION	-	-
610 000 019	BATTERY CHARGER 110-240V FOR NIMH BATTERY	-	-
610 000 020	BATTERY LI-ION 7.4 V 1000MAH, INTERNAL USE	59	L : 66 W : 36 T : 9.2
610 000 023	BATTERY CHARGER 110-240V FOR LI-ION BATTERY	-	-
610 000 022	CHARGE PLUG FOR LI-ION BATTERY	5	D : 11.5 T : 12.5
610 000 021	SENSOR FOR LI-ION BATTERY	3	L : 30 W : 12.5 T : 4.2
610 000 024	ON/OFF SWITCH	5	L : 25 W : 10.5 T : 21
610 000 026	ADAPTER CABLE FOR OTTO BOCK BATTERY	2	L : 150

UPPER EXTREMITY PROSTHETICS

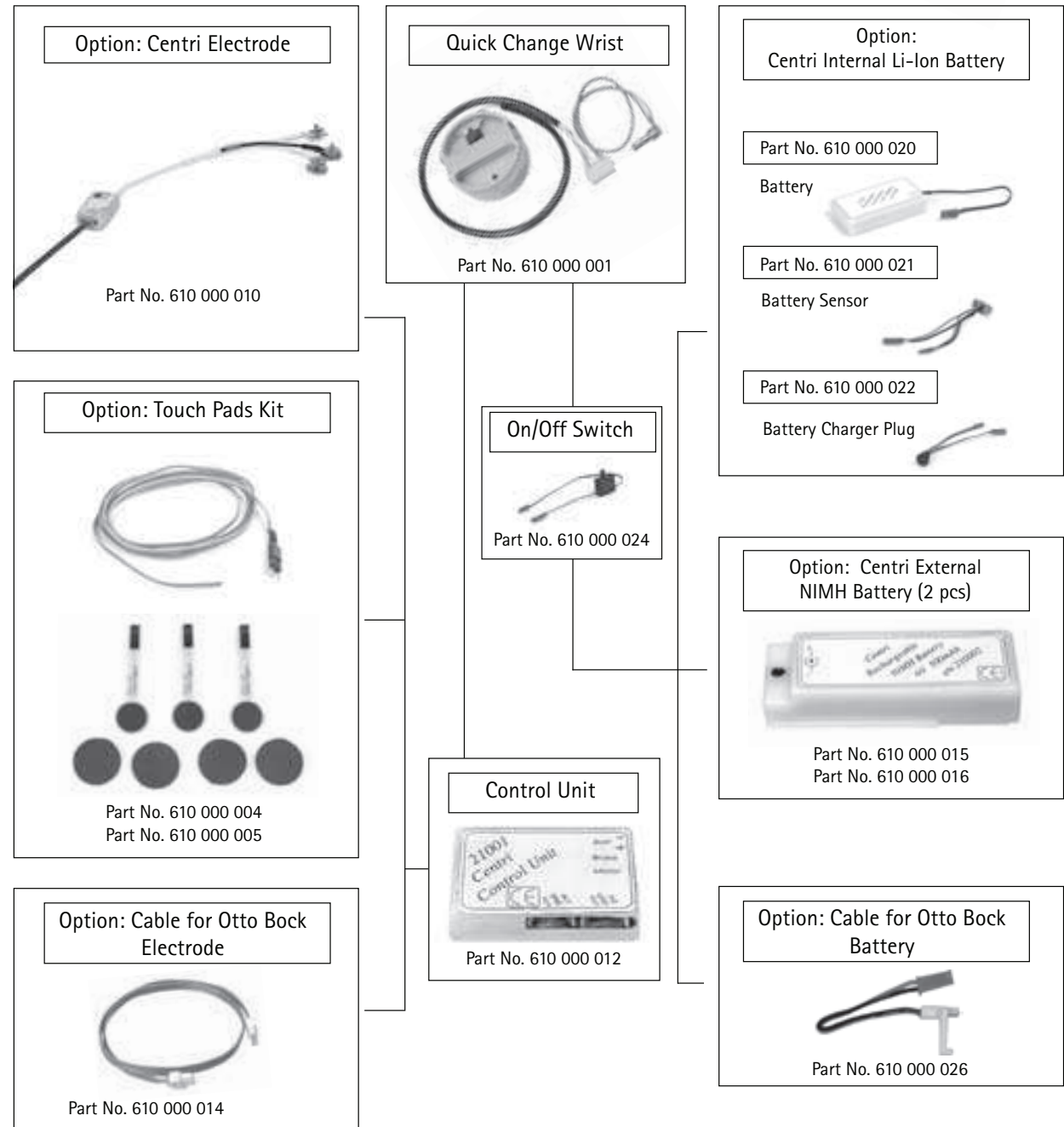
Child Hands

Ordering Guide for Centri MYO Electric Hand

CENTRI

- 610 634 011** Child Myoelectric Hand, *Left*
- 610 634 012** Child Myoelectric Hand, *Right*

NOTE: (6-3/4 Hand Does Not
Require Inner Hand Shell)



UPPER EXTREMITY PROSTHETICS

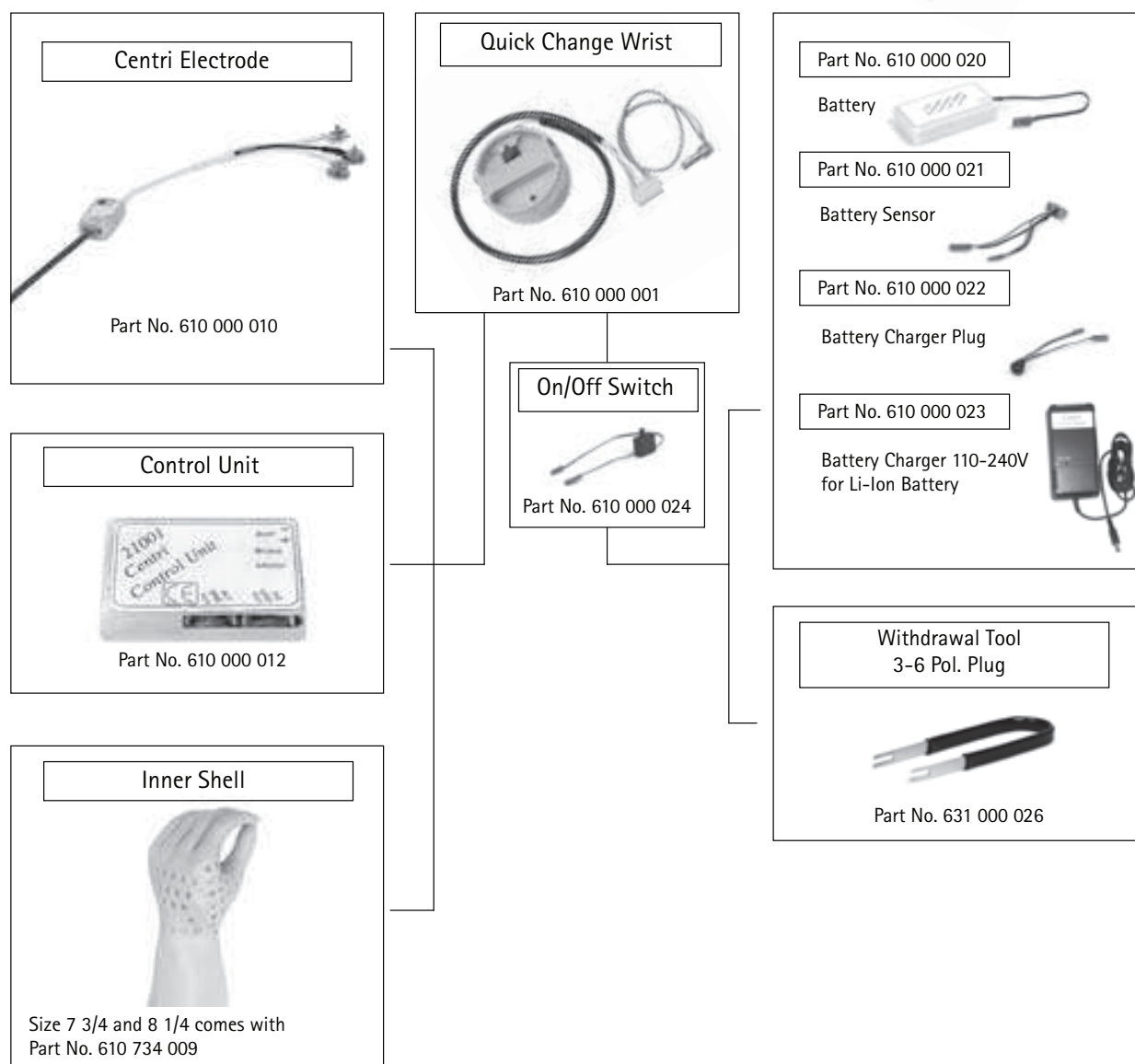
Child Hands



MYO Kit 1 with Li-Ion Battery for Internal Use

CENTRI

- 610 634 111** Child Myoelectric Hand, *Left*
610 634 112 Child Myoelectric Hand, *Right*

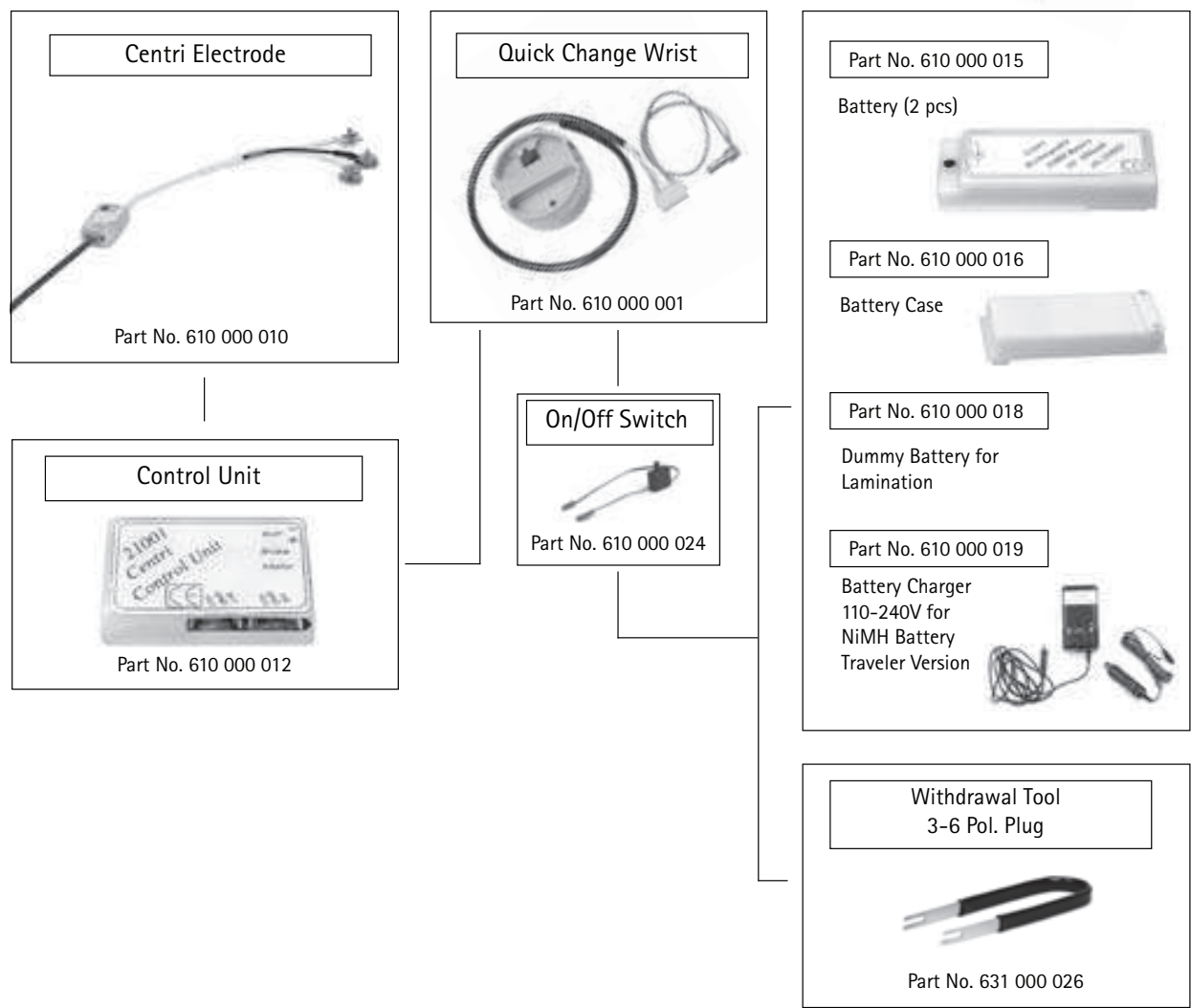


UPPER EXTREMITY PROSTHETICS

Child Hands

MYO Kit 2 with NiMH Battery for External Use

- 610 634 211 Child Myoelectric Hand, *Left*
- 610 634 212 Child Myoelectric Hand, *Right*



UPPER EXTREMITY PROSTHETICS

Female Hands



Female Passive Hand

CENTRI

- 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

- 5xxxx000 Passive
5xxxx001 Reinforced Passive
5xxxx002 Super-Reinforced Passive

COSMETIC GLOVE INFORMATION



- 1yyyyzz3 Micro Coated Vinyl
1yyyyzz1 PVC



- 1yyyyzz4 Expanded MCV
1yyyyzz2 Expanded PVC



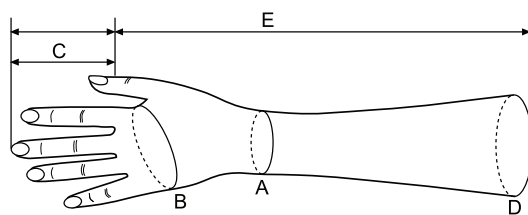
- 2yyyyzz1 Hard PVC
(Light Prosthesis)



- 3yyyyzz3 Micro Coated Silicone
3yyyyzz1 Silicone



- Model 101L Regal Silicone Gloves



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

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

HOSMER GLOVES										REGAL SILICONE GLOVES
HAND NO. (XXXXX)	MEASUREMENTS IN MM					SIZE IN INCHES	SIDE	GLOVE NO.	SPECIAL NOTE	REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)
	A	B	C	D	E					
20909	134	170	75	195	260	6-1/2	LEFT	20909	NOT SO FEMININE, SUITS MALES ALSO	101LFLS1ZZ
20910	140	172	73	204	255	6-1/2	RIGHT	20910		101LFRS1ZZ
20911	132	180	75	210	340	6-3/4	LEFT	20911	NOT SO FEMININE, SUITS MALES ALSO	101LFLSZZ
20912	140	175	74	235	323	6-3/4	RIGHT	20912		101LFRSZZ
20913	140	180	91	215	324	7	LEFT	20913	LONG FINGERS AND LONG NAILS	101LFLMZZ
20914	140	175	90	223	312	7	RIGHT	20914		101LFRMZZ
20915	145	190	84	220	292	7-1/4	LEFT	20915		101LFLMZZ
20916	148	190	82	199	320	7-1/4	RIGHT	20916		101LFRMZZ
20917	160	190	90	230	306	8	LEFT	20917	PROMINENT SKIN STRUCTURE	101LFL1ZZ
20918	158	198	85	200	300	8	RIGHT	20918		101LFR1ZZ

UPPER EXTREMITY PROSTHETICS

Female Hands

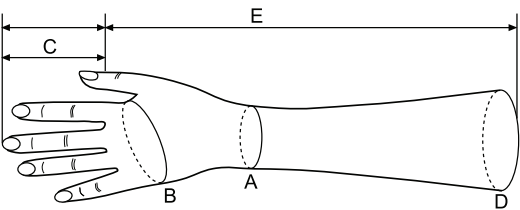


Female Passive Hand-Long Sleeve

CENTRI

- 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

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



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

LONG SLEEVE COSMETIC GLOVE INFORMATION

- | | |
|--|---|
| | 1yyyyyzz3 Micro Coated Vinyl
1yyyyyzz1 PVC |
| | 1yyyyyzz4 Expanded MCV
1yyyyyzz2 Expanded PVC |
| | 2yyyyyzz1 Hard PVC
(Light Prosthesis) |
| | 3yyyyyzz3 Micro Coated Silicone
3yyyyyzz1 Silicone |

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

HAND NO. (XXXXX)	MEASUREMENTS IN MM					SIZE IN INCHES	SIDE	GLOVE NO. (YYYYY)	SPECIAL NOTE
	A	B	C	D	E				
22907	125	160	70	200	354	6-1/2	LEFT	22907	MEDIUM NAILS
22908	126	157	65	200	352	6-1/2	RIGHT	22908	
22909	130	170	74	214	382	6-3/4	LEFT	22909	MEDIUM NAILS
22910	131	160	70	215	391	6-3/4	RIGHT	22910	
22911	130	170	80	205	465	7	LEFT	22911	LONG NAILS
22912	130	175	80	217	447	7	RIGHT	22912	
22703	144	178	78	222	400	7-1/2	LEFT	22703	
22704	144	178	78	222	400	7-1/2	RIGHT	22704	
22917	155	180	82	245	395	8	LEFT	22917	LONG NAILS AND PROMINENT SKIN
22918	160	185	84	245	382	8	RIGHT	22918	

UPPER EXTREMITY PROSTHETICS

Female Hands

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
- 1yyyyzz1 PVC

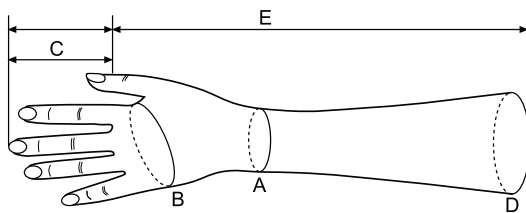


- 1yyyyzz4 Expanded MCV
- 1yyyyzz2 Expanded PVC



- 3yyyyzz3 Micro Coated Silicone
- 3yyyyzz1 Silicone

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



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

HAND NO. (XXXXX)	MEASUREMENTS			SIDE	GLOVE NO. (YYYYY)
	MCP (B)	WRIST TO THUMB	WEIGHT		
N/A	7"	N/A	N/A	LEFT	20701
N/A	7"	N/A	N/A	RIGHT	20702
N/A	7-1/2"	N/A	N/A	LEFT	20915
N/A	7-1/2"	N/A	N/A	RIGHT	20916

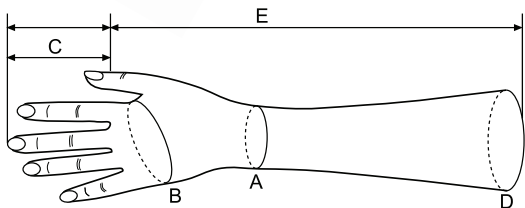
UPPER EXTREMITY PROSTHETICS

Female Hands



Female Soft Voluntary Closing (SVC) Hand

- HOSMER**
- 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



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

COSMETIC GLOVE INFORMATION

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

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

HOSMER							REGAL SILICONE GLOVES
HAND NO. (XXXXX)	MEASUREMENTS			CABLE EXIT	SIDE	GLOVE NO. (YYYYY)	REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)
	MCP (B)	WRIST TO THUMB	WEIGHT				
1/2-20 THREAD	61791	7-1/4"	5-1/4"	10.80Z / 335G	STANDARD	LEFT	20701
	61792	7-1/4"	5-1/4"	10.80Z / 335G	CABLE EXIT	RIGHT	20702
	61797	7-1/4"	5-1/4"	10.80Z / 335G	PALMER	LEFT	20701
	61798	7-1/4"	5-1/4"	10.80Z / 335G	CABLE EXIT	RIGHT	20702
	61793	7-3/4"	5-3/8"	10.90Z / 335G	STANDARD	LEFT	20715
	61794	7-3/4"	5-3/8"	10.90Z / 335G	CABLE EXIT	RIGHT	20716
	61799	7-3/4"	5-3/8"	10.90Z / 335G	PALMER	LEFT	20715
	61800	7-3/4"	5-3/8"	10.90Z / 335G	CABLE EXIT	RIGHT	20716
	62000	7-1/4"	5-1/4"	10.80Z / 335G	STANDARD	LEFT	20701
	62001	7-1/4"	5-1/4"	10.80Z / 335G	CABLE EXIT	RIGHT	20702
M12 X 1.5MM THREAD	62002	7-1/4"	5-1/4"	10.80Z / 335G	PALMER	LEFT	20701
	62003	7-1/4"	5-1/4"	10.80Z / 335G	CABLE EXIT	RIGHT	20702
	61990	7-3/4"	5-1/4"	10.90Z / 335G	STANDARD	LEFT	20715
	61989	7-3/4"	5-1/4"	10.90Z / 335G	CABLE EXIT	RIGHT	20716
	61988	7-3/4"	5-1/4"	10.90Z / 335G	PALMER	LEFT	20715
	61987	7-3/4"	5-1/4"	10.90Z / 335G	CABLE EXIT	RIGHT	20716

UPPER EXTREMITY PROSTHETICS

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



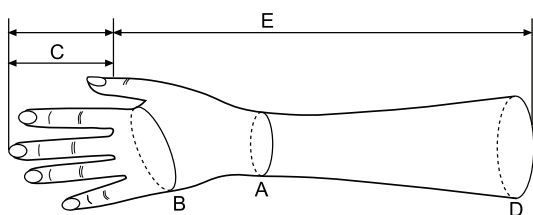
1yyyyyzz3 Micro Coated Vinyl
1yyyyyzz1 PVC



1yyyyyzz4 Expanded MCV
1yyyyyzz2 Expanded PVC



3yyyyyzz3 Micro Coated Silicone
3yyyyyzz1 Silicone



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

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

HAND NO. (XXXXX)	MEASUREMENTS			CABLE EXIT	SIDE	GLOVE NO. (YYYYY)
	MCP (B)	WRIST TO THUMB	WEIGHT			
61064 61063	7-1/4" 7-1/4"	5-1/4" 5-1/4"	10.3OZ / 288G 10.3OZ / 288G	STANDARD CABLE EXIT	LEFT RIGHT	20701 20702
61484 61483	7-1/4" 7-1/4"	5-1/4" 5-1/4"	10.3OZ / 288G 10.3OZ / 288G	PALMAR CABLE EXIT	LEFT RIGHT	20701 20702
61997 61996	7-1/4" 7-1/4"	5-1/4" 5-1/4"	10.3OZ / 288G 10.3OZ / 288G	STANDARD CABLE EXIT	LEFT RIGHT	20701 20702
61999 61998	7-1/4" 7-1/4"	5-1/4" 5-1/4"	10.3OZ / 288G 10.3OZ / 288G	PALMAR CABLE EXIT	LEFT RIGHT	20701 20702

UPPER EXTREMITY PROSTHETICS

Female Hands

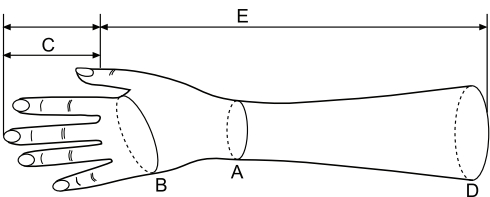


Female Dorrance 300 Mechanical Hand
HOSMER

- 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

55254 Dorrance 300 Replacement Spring, *Regular*

55255 Dorrance 300 Replacement Spring, *Light*



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

COSMETIC GLOVE INFORMATION



- 1yyyyyzz3 Micro Coated Vinyl
- 1yyyyyzz1 PVC



- 1yyyyyzz4 Expanded MCV
- 1yyyyyzz2 Expanded PVC



- 3yyyyyzz3 Micro Coated Silicone
- 3yyyyyzz1 Silicone

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

HAND NO. (XXXXX)	MEASUREMENTS			SIDE	GLOVE NO. (YYYYY)	REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)
	MCP (B)	WRIST TO THUMB	WEIGHT			
50541	7" / 16.8CM	4" / 10.1CM	10.5OZ / 298G	LEFT	20303	100FLLZ
50540	7" / 16.8CM	4" / 10.1CM	10.5OZ / 298G	RIGHT	20304	100FRLZ

UPPER EXTREMITY PROSTHETICS

The Fillauer Companies have a team of technicians and certified practitioners specializing in all aspects of Upper Extremity fabrication and fittings.

Fillauer LLC 1-800-251-6398
Fax: 1-423-698-6076

Hosmer 1-800-827-0070
Fax: 1-408-379-5263



UPPER EXTREMITY PROSTHETICS

Female Hands

Female 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



ORDERING INFORMATION MYO HAND						
PRODUCT NUMBER FOR MYOELECTRIC HAND	SIDE	MCP	WRIST TO THUMB	PREHENTION PINCH FORCE	WEIGHT	GLOVE NUMBER (YYYYY)
610 714 011	LEFT	7 1/4"	45MM/85MM	68N (6V)	210G	21613
610 714 012	RIGHT	7 1/4"		68N (6V)	210G	21614

ORDERING GUIDE COSMETIC GLOVES				
GLOVE TYPE		GLOVE NO. (SEE ORDERING INFORMATION ABOVE)	CENTRI COLOR GUIDE	
PVC STANDARD	1	YYYYY	ZZ	1
PVC EXPANDED	1	YYYYY	ZZ	2
PVC STANDARD	1	YYYYY	ZZ	3
MCV EXPANDED	1	YYYYY	ZZ	4
EXAMPLE: PVC STANDARD (1) + GLOVE NO. (21613) + COLOR (C04) = PRODUCT NO. 121613041				

PRODUCT NO.	ORDERING INFORMATION ACCESSORIES	WEIGHT	MEASUREMENTS (MM)
610 000 001	QUICK CHANGE WRIST WITH ROTATION	45	H : 20 D : 39
610 000 002	QUICK CHANGE WRIST DUMMY FOR LAMINATION	-	-
610 000 010	CENTRI ELECTRODE WITH STUDS (3 PCS) PROPORTIONAL	24	L : 490 (INCL. CABLES)
610 000 027	STUD, IPC	3,5	D : 14 T MIN: 4.8
610 000 012	CONTROL UNIT	14	L : 42.5 W : 28 T : 11
610 000 013	CABLE FOR CONTROL UNIT TO CENTRI ELECTRODE	2	L : 250
610 000 014	CABLE FOR CONTROL UNIT TO OTTO BOCK ELECTRODE	2	L : 250
631 000 026	WITHDRAWL TOOL 3 AND 6 POL. PLUG	-	-
631 000 004	TOUCH PADS KIT, 3PCS TP01	-	-
631 000 005	TP CABLE UNTERMINATED IM, 1M, 1PC TP10	-	-
610 000 015	BATTERY NIMH 6V 500MAH, EXTERNAL USE	74	L : 79 W : 31 T : 20
610 000 016	BATTERY CASE FOR NIMH 6V BATTERY	16	L : 91 W : 33 T : 23.5
610 000 018	DUMMY NIMH BATTERY FOR LAMINATION	-	-
610 000 019	BATTERY CHARGER 110-240V FOR NIMH BATTERY	-	-
610 000 020	BATTERY LI-ION 7.4 V 1000MAH, INTERNAL USE	59	L : 66 W : 36 T : 9.2
610 000 023	BATTERY CHARGER 110-240V FOR LI-ION BATTERY	-	-
610 000 022	CHARGE PLUG FOR LI-ION BATTERY	5	D : 11.5 T : 12.5
610 000 021	SENSOR FOR LI-ION BATTERY	3	L : 30 W : 12.5 T : 4.2
610 000 024	ON/OFF SWITCH	5	L : 25 W : 10.5 T : 21
610 000 026	ADAPTER CABLE FOR OTTO BOCK BATTERY	2	L : 150

UPPER EXTREMITY PROSTHETICS

Female Hands



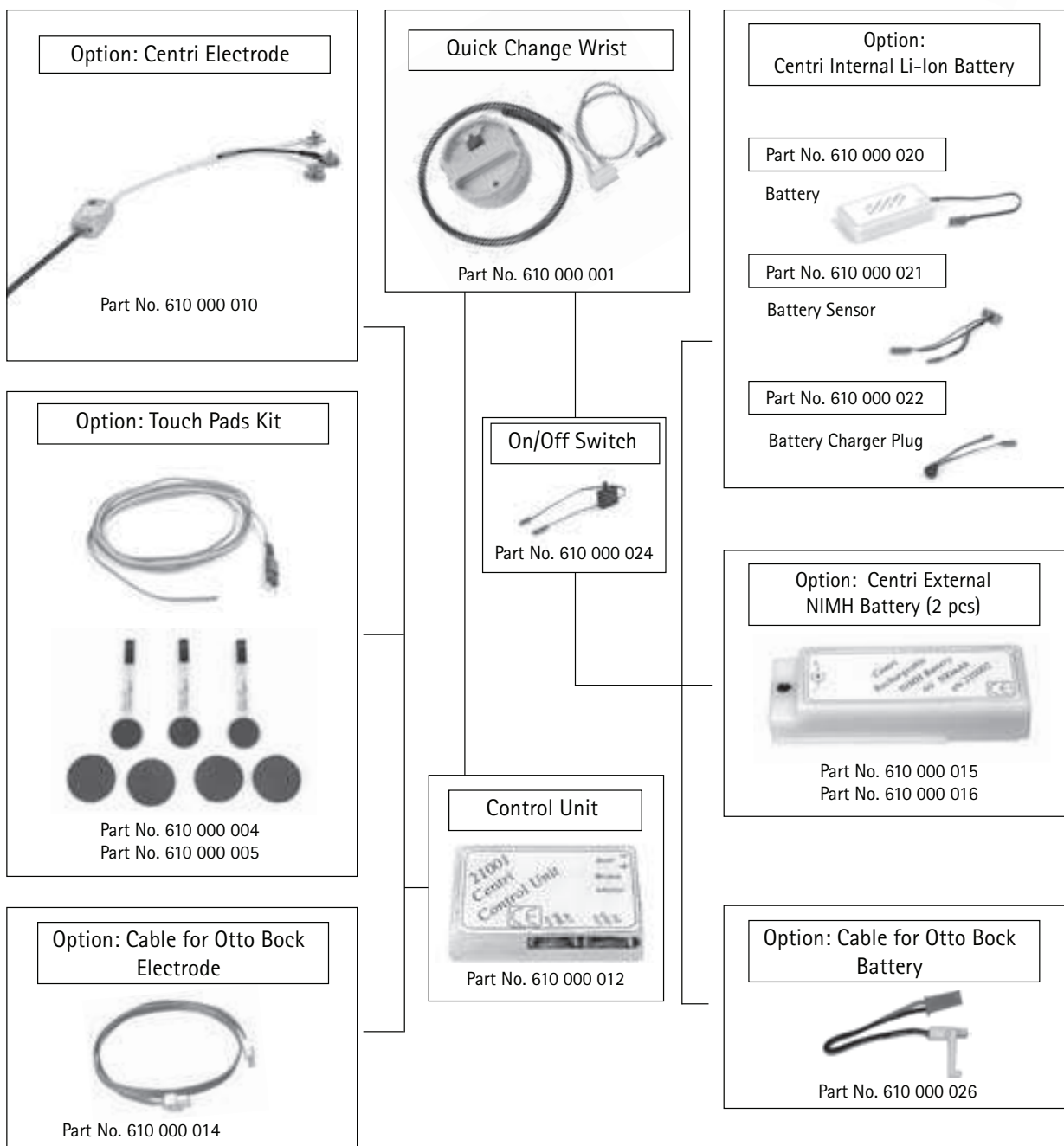
Ordering Guide for Centri MYO Electric Hand

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)

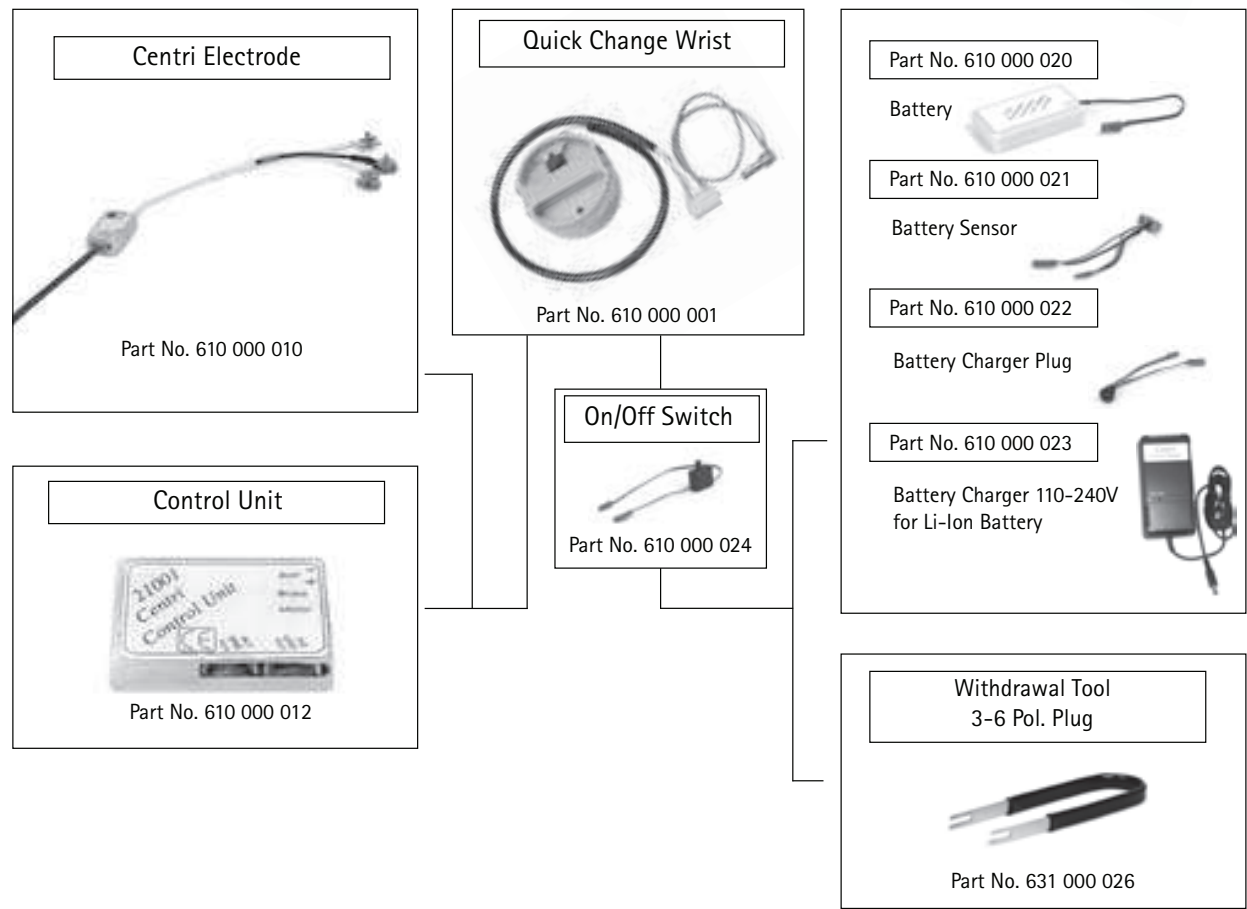


UPPER EXTREMITY PROSTHETICS

Female Hands

MYO Kit 1 with Li-Ion Battery for Internal Use

- 610 714 111 Female Myoelectric Hand, *Left*
- 610 714 112 Female Myoelectric Hand, *Right*



UPPER EXTREMITY PROSTHETICS

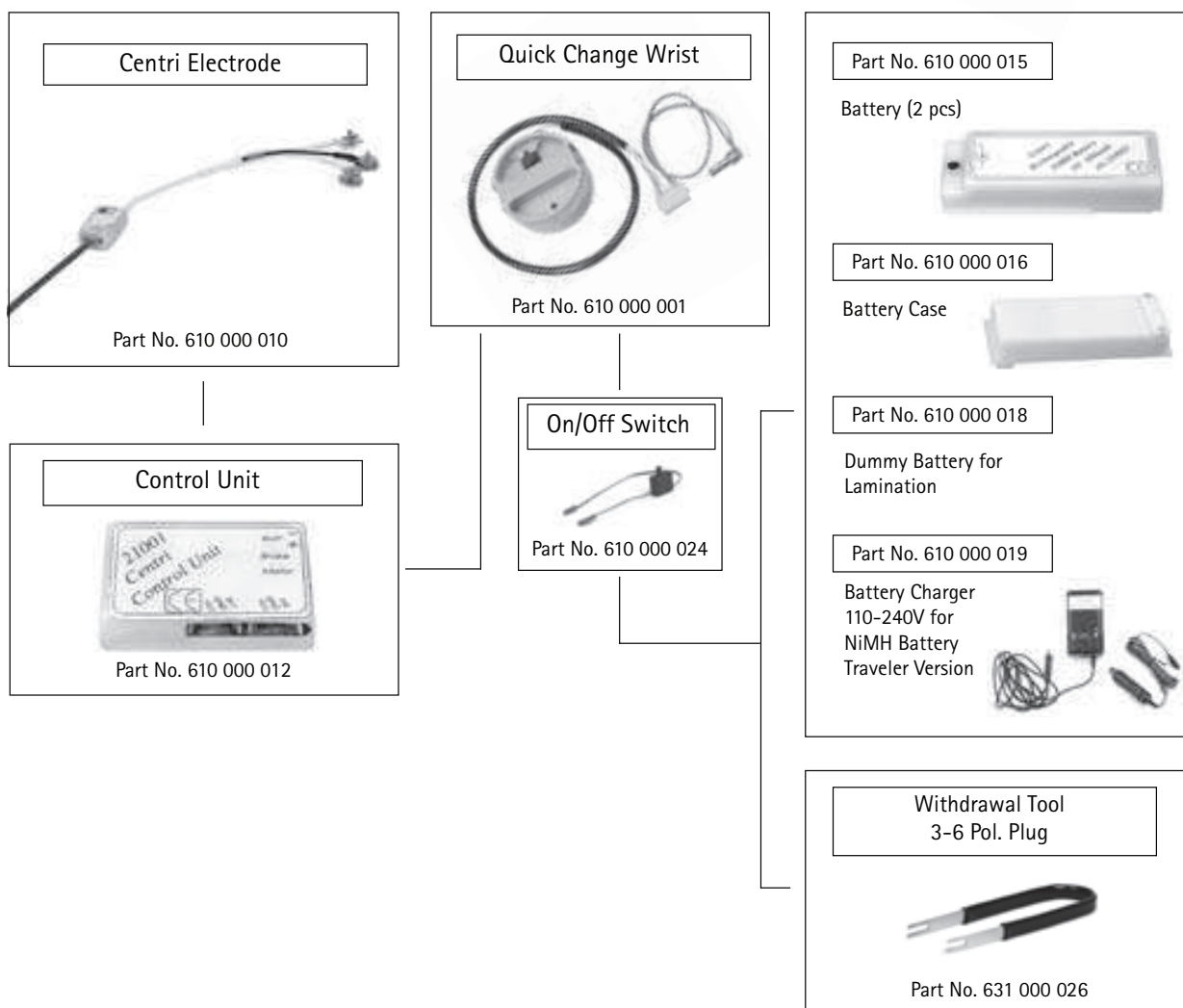
Female Hands



MYO Kit 2 with NiMH Battery for External Use

CENTRI

- 610 714 211** Female Myoelectric Hand, *Left*
610 714 212 Female Myoelectric Hand, *Right*



UPPER EXTREMITY PROSTHETICS

Regal Silicone Gloves

Regal High Definition Silicone Glove-X Series

HOSMER

- 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 - simply add "X" in front of each model (eg. X101LFLMzz)



Regal High Definition Silicone Glove Model 200

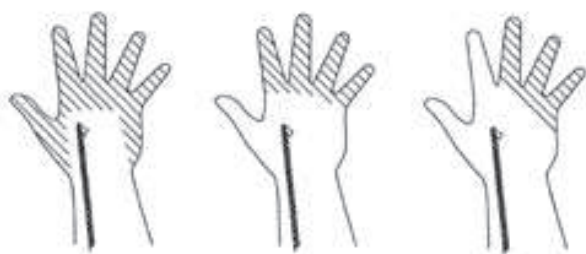
HOSMER

- Silicone cosmetic gloves for finger amputations
- Options available: set of four connected fingers plus thumb (shown) or set of five separated fingers with margin thinning
- Glove thickness: 1-1.5 mm
- One year warranty
- Individual fingers also available, use Model 204 and specify digit required, side, size and color

Regal High Definition Silicone Glove Model 103

HOSMER

- Silicone cosmetic gloves for partial hand amputation
- Ready-made, all sizes and shapes are pre-designed
- Glove thickness: 2-2.5mm
- One year warranty



MODEL 103
APPLICATIONS:



MODEL 200
APPLICATIONS:

Regal Silicone Gloves

Regal High Definition Silicone Glove Model 102LS

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
- One year warranty
- Wire in fingers



Regal High Definition Silicone Glove Model 102L

HOSMER

- Silicone cosmetic gloves for wrist or above wrist disarticulation
- Adjustable fingers
- Foam fillings, no nuts or bolts required, arm socket can be inserted directly into the glove
- Glove thickness: 2.5-3mm
- One year warranty



Regal High Definition Silicone Glove Model 101L

HOSMER

- Silicone cosmetic gloves for wrist or above wrist disarticulation
- High definition silicone cosmetic gloves
- One year warranty
- Glove thickness: 2.5-3mm



Regal High Definition Silicone Glove Model 100

HOSMER

- Silicone cosmetic gloves for both myo/mechanical hand mechanisms
- Double fabric built inside finger tips ensures durability
- Glove thickness: 2.5-3mm
- One year warranty



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 27-27cm in length
- Sleeve 50-50cm in length

REFER TO NEXT PAGE FOR REGAL SILICONE SIZE CHART

Regal Glove Swatch Kit

HOSMER

RS100 Regal Glove Color Swatch



UPPER EXTREMITY PROSTHETICS

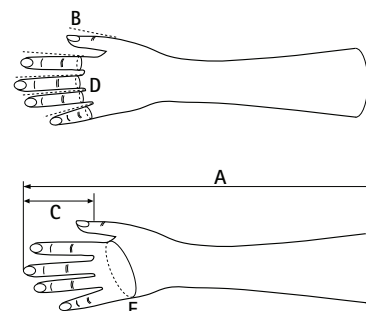
Female Regal Silicone Gloves

REGAL FEMALE SILICONE GLOVES SIZE CHART											
MODEL 101L, 102L, 102LS - GLOVE THICKNESS 2-3MM											
	ADULT (cm)								CHILD (cm)		
	XL	L	L1	LM	M	MS	S	S1	CL	CM	CS
A. TOTAL PROSTHESIS LENGTH	33	31	33.5	31.5	31	33	30.6	31.5	31.5	31	26.5
C. MIDDLE FINGER LENGTH	9.5	8	8.5	8	8	8	7.5	7.5	7.5	7.5	6
E. MCP CIRCUMFERENCE	21.8	20.4	20	19.2	18	18.8	18.3	17	17	16.5	14

MODEL 200 (FINGER AMPUTATIONS) - GLOVE THICKNESS 1-1.5MM												
FINGERS		ADULT (cm)								CHILD (cm)		
		XL	L	L1	LM	M	MS	S	S1	CL	CM	CS
THUMB	B. LENGTH	5.5	5.5	5.5	5.1	5.2	5.3	4.8	4.7	4.7	5	3.8
	D. CIRCUMFERENCE	7.5	7.2	6.9	6.5	6.5	7.2	6.2	6	6	6.3	5
INDEX	B. LENGTH	8.5	8	7.7	7.7	7.7	7.6	6.7	7	7	6.5	5.5
	D. CIRCUMFERENCE	7.5	7.4	6.8	6.4	6.5	6.5	6.2	5.8	5.8	5.4	5.1
MIDDLE	B. LENGTH	9.5	8	8.5	8	8	8	7.5	7.5	7.5	7.5	6
	D. CIRCUMFERENCE	7.5	6.9	6.2	6.2	6.5	6.2	6	5.3	5.3	5.5	5
RING	B. LENGTH	8.8	8	7.5	7.4	7.5	7.4	6.5	6.9	6.9	6.7	5.5
	D. CIRCUMFERENCE	7	6.8	6.5	6.2	6.2	6.2	5.7	5	5	4.9	4.5
LITTLE	B. LENGTH	6.3	6	5.8	5.7	5.8	5.7	5.5	5.7	5.7	5	4.3
	D. CIRCUMFERENCE	7.2	6.2	5.6	5.6	5.6	5.6	4.8	4.8	4.8	4.5	4.1

MODEL 103 (SUITABLE FOR PARTIAL PALM PATIENTS) - GLOVE THICKNESS 2-2.5MM											
	ADULT (cm)								CHILD (cm)		
	XL	L	L1	LM	M	MS	S	S1	CL	CM	CS
A. TOTAL PROSTHESIS LENGTH	23	23	21	22	21.5	20	20	19.3	19.3	18	26.5
C. MIDDLE FINGER LENGTH	9.5	8	9	8	8	8.4	7.5	5.5	5.5	7.5	6
E. MCP CIRCUMFERENCE	22.2	20.4	20	19	18	19	18.3	17.5	17.5	16.5	14

MODEL 100 (FOR MECHANICAL AND MYO-ELECTRIC HANDS) GLOVE THICKNESS 2.5-3MM ALSO AVAILABLE IN LONG SLEEVE (50CM)	
	ADULT (CM)
	M (7-1/4")
A. TOTAL PROSTHESIS LENGTH	22
C. MIDDLE FINGER LENGTH	8.4
E. MCP CIRCUMFERENCE	20.2



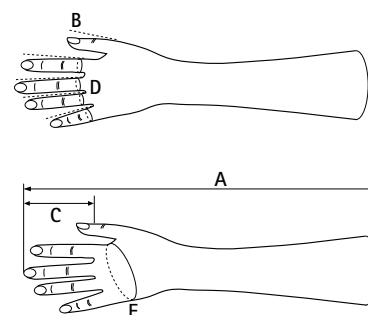
Male Regal Silicone Gloves

REGAL MALE SILICONE GLOVES SIZE CHART													
MODEL 101L, 102L, 102LS - GLOVE THICKNESS 2-3MM													
	ADULT (cm)								CHILD (cm)				
	XL1	XL	L	LM	M	M1	M2	M3	MS	S	CL	CM	CS
A. TOTAL PROSTHESIS LENGTH	40	34	34.5	33	33	33	33.5	35.5	31.5	33	33	31.5	26.5
C. MIDDLE FINGER LENGTH	10	9.5	9.5	9.5	9	8	8.5	8	8	8	8	7.5	6
E. MCP CIRCUMFERENCE	22.5	23.5	23	21.8	20.5	20.5	20	20	19.2	18.8	18.8	17	14

MODEL 200 (FINGER AMPUTATIONS) - GLOVE THICKNESS 1-1.5MM														
FINGERS		ADULT (cm)								CHILD (cm)				
		XL1	XL	L	LM	M	M1	M2	M3	MS	S	CL	CM	CS
THUMB	B. LENGTH	7	8	6	5.5	5.5	5	5.5	5	5.1	5.3	5.3	4.7	3.8
	D. CIRCUMFERENCE	8.2	10.6	9.8	7.5	8.4	7.2	6.9	6.8	6.5	7.2	7.2	6	5
INDEX	B. LENGTH	9	8.3	9	8.5	8.5	7.2	7.7	8.5	7.7	7.6	7.6	7	5.5
	D. CIRCUMFERENCE	7.9	8.3	9.6	7.5	7.5	7.1	6.8	6.5	6.4	6.5	6.5	5.8	5.1
MIDDLE	B. LENGTH	10	9.5	9.5	9.5	9	8	8.5	8	8	8	8	7.5	6
	D. CIRCUMFERENCE	7.5	8	7.3	7.5	6.7	6.9	6.2	6.6	6.2	6.2	6.2	5.3	5
RING	B. LENGTH	9.3	8.5	8.8	8.8	8.5	7.5	7.5	8.5	7.4	7.4	7.4	6.9	5.5
	D. CIRCUMFERENCE	7.4	7.4	7	7	7.7	6.7	6.5	6.4	6.2	6.2	6.2	5	4.5
LITTLE	B. LENGTH	7.2	6.5	6.4	6.3	7	6	5.8	6.8	5.7	5.7	5.7	5.7	4.3
	D. CIRCUMFERENCE	6.5	6.8	6.9	7.2	6.1	6.3	5.6	5.9	5.6	5.6	5.6	4.8	4.1

MODEL 103 (SUITABLE FOR PARTIAL PALM PATIENTS) - GLOVE THICKNESS 2-2.5MM													
	ADULT (cm)								CHILD (cm)				
	XL1	XL	L	LM	M	M1	M2	M3	MS	S	CL	CM	CS
A. TOTAL PROSTHESIS LENGTH	24	23.5	23	23	22	21	21	22.5	22	20	20	19.3	26.5
C. MIDDLE FINGER LENGTH	10	9	9.8	9.5	9	8	9	8	8	8.4	8.4	5.5	6
E. MCP CIRCUMFERENCE	22.5	24	23.4	22.2	21	20.7	20	20	19	19	19	17.5	14

MODEL 100 (FOR MECHANICAL AND MYO-ELECTRIC HANDS) GLOVE THICKNESS 2.5-3MM ALSO AVAILABLE IN LONG SLEEVE (50CM)			
	ADULT (CM)		
	XL (8-1/4")	L (7-3/4"-8")	M (7-1/4")
A. TOTAL PROSTHESIS LENGTH	35	22	22
C. MIDDLE FINGER LENGTH	7	8.5	8.5
E. MCP CIRCUMFERENCE	23.5	22.2	20.5



UPPER EXTREMITY PROSTHETICS

Male Hands

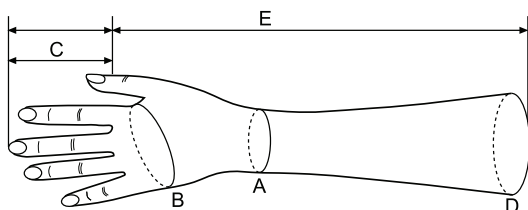


Male Passive Hand

HOSMER

- 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

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



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

COSMETIC GLOVE INFORMATION



- 1yyyyyzz3** Micro Coated Vinyl
1yyyyyzz1 PVC

- 1yyyyyzz4** Expanded MCV
1yyyyyzz2 Expanded PVC

- 2yyyyyzz1** Hard PVC
(Light Prosthesis)

- 3yyyyyzz3** Micro Coated Silicone
3yyyyyzz1 Silicone

Model 101L Regal Silicone Glove

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

HOSMER										REGAL SILICONE GLOVE
HAND NO. (XXXXX)	MEASUREMENTS IN MM					SIZE IN INCHES	SIDE	GLOVE NO. (YYYYY)	SPECIAL NOTE	REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)
	A	B	C	D	E					
30909	140	170	78	206	272	7	LEFT	30909		101LMLCMZZ
30910	145	170	75	215	274	7	RIGHT	30910		101LMRCMZZ
30911	145	187	83	215	266	7-1/2	LEFT	30911		101LMCLZZ
30912	140	180	80	210	280	7-1/2	RIGHT	30912		101LMRCLZZ
30913	167	205	84	230	305	8	LEFT	30913	PROMINENT VEINS	101MLM3ZZ
30914	161	200	85	225	300	8	RIGHT	30914		101LMRM3ZZ
30915	147	200	90	235	315	8-1/4	LEFT	30915		101MLM2ZZ
30916	150	205	90	240	324	8-1/4	RIGHT	30916		101LMRM2ZZ
30917	160	210	95	224	348	8-1/2	LEFT	30917	LONG FINGERS	101MLLMZZ
30918	180	228	100	295	335	8-1/2	RIGHT	30918		101LMRLMZZ
30919	165	225	95	275	306	8-3/4	LEFT	30919	STOUT-PLUMP	101LMLXL1ZZ
30920	180	225	90	240	262	8-3/4	RIGHT	30920		101LMRXL1ZZ
30921	180	230	92	282	303	9	LEFT	30921	STOUT-PLUMP	101LMLXLZZ
30922	175	235	96	285	325	9	RIGHT	30922		101LMRXLZZ

UPPER EXTREMITY PROSTHETICS

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

1yyyyzz1 PVC



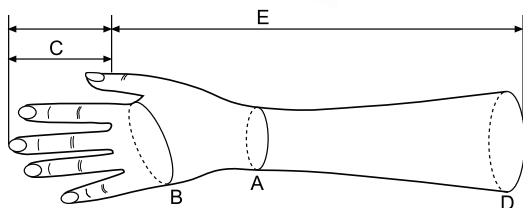
1yyyyzz4 Expanded MCV

1yyyyzz2 Expanded PVC



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

HAND NO. (XXXXX)	MEASUREMENTS			SIDE	GLOVE NO. (YYYYY)
	MCP (B)	WRIST TO THUMB	WEIGHT		
N/A	8" / 20.32CM	5-1/4" / 13.3CM	13OZ / 368.6G	LEFT	30703
N/A	8" / 20.32CM	5-1/4" / 13.3CM	13OZ / 368.6G	RIGHT	30704
N/A	8-12"	N/A	N/A	LEFT	30703
N/A	8-12"	N/A	N/A	RIGHT	30704

UPPER EXTREMITY PROSTHETICS

Male Hands



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



1yyyyzz3 Micro Coated Vinyl
1yyyyzz1 PVC



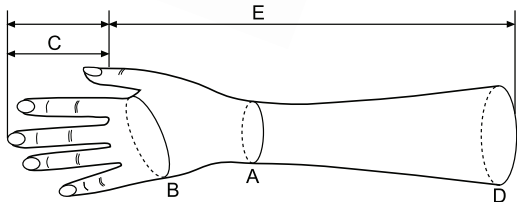
1yyyyzz4 Expanded MCV
1yyyyzz2 Expanded PVC



3yyyyzz3 Micro Coated Silicone
3yyyyzz1 Silicone



Model 100 Regal Silicone Glove



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

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

1/2-20 THREAD	HOSMER					REGAL SILICONE GLOVE	
	HAND NO. (XXXXX)	MEASUREMENTS		CABLE EXIT	SIDE	GLOVE NO. (YYYYY)	REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)
		MCP (B)	WEIGHT				
1/2-20 THREAD	61066	7-3/4"	110Z / 308G	STANDARD	LEFT	30703	100MLLZZ
	61065	7-3/4"	110Z / 308G	CABLE EXIT	RIGHT	30704	100MRLZZ
	61068	8-1/4"	110Z / 308G	STANDARD	LEFT	30707	100MLLKK
	61067	8-1/4"	110Z / 308G	CABLE EXIT	RIGHT	30708	100MRLKK
	61486	7-3/4"	110Z / 308G	PALMAR	LEFT	30703	100MLLZZ
	61485	7-3/4"	110Z / 308G	CABLE EXIT	RIGHT	30704	100MRLZZ
	61488	8-1/4"	110Z / 308G	PALMAR	LEFT	30707	100MLLZZ
	61487	8-1/4"	110Z / 308G	CABLE EXIT	RIGHT	30708	100MRLZZ
M12 X 1.5MM THREAD	61993	7-3/4"	110Z / 308G	STANDARD	LEFT	30703	100MLLZZ
	61994	7-3/4"	110Z / 308G	CABLE EXIT	RIGHT	30704	100MRLZZ
	62006	8-1/4"	110Z / 308G	STANDARD	LEFT	30707	100MLLZZ
	62005	8-1/4"	110Z / 308G	CABLE EXIT	RIGHT	30708	100MRLZZ
	61991	7-3/4"	110Z / 308G	PALMAR	LEFT	30703	100MLLZZ
	61992	7-3/4"	110Z / 308G	CABLE EXIT	RIGHT	30704	100MRLZZ
	62008	8-1/4"	110Z / 308G	PALMAR	LEFT	30707	100MLLZZ
	62007	8-1/4"	110Z / 308G	CABLE EXIT	RIGHT	30708	100MRLZZ

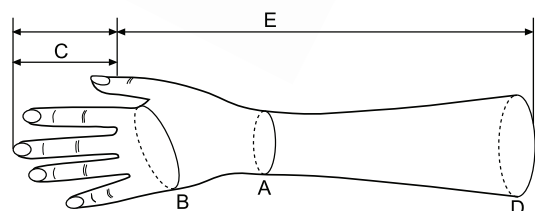
UPPER EXTREMITY PROSTHETICS

Male Hands

Male Soft Voluntary Closing (SVC) Hand
HOSMER

- 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



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



1yyyyyyzz3 Micro Coated Vinyl
1yyyyyyzz1 PVC



1yyyyyyzz4 Expanded MCV
1yyyyyyzz2 Expanded PVC



3yyyyyyzz3 Micro Coated Silicone
3yyyyyyzz1 Silicone

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

	HAND NO. (XXXXX)	MEASUREMENTS			CABLE EXIT	SIDE	GLOVE NO. (YYYYY)	REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)
		MCP (B)	WRIST TO THUMB	WRIST				
1/2-20 THREAD	61793	7-3/4"	5-3/8"	10.90Z / 339G	STANDARD	LEFT	30703	100MLLZZ
	61794	7-3/4"	5-3/8"	10.90Z / 339G	CABLE EXIT	RIGHT	30704	100MRLZZ
	61795	8-1/4"	5-3/8"	11.30Z / 351G	STANDARD	LEFT	30707	100MLL
	61796	8-1/4"	5-3/8"	11.30Z / 351G	CABLE EXIT	RIGHT	30708	100MRL
	61799	7-3/4"	5-3/8"	10.90Z / 339G	PALMAR	LEFT	30703	100MLLZZ
	61800	7-3/4"	5-3/8"	10.90Z / 339G	CABLE EXIT	RIGHT	30704	100MRLZZ
	61801	8-1/4"	5-3/8"	11.30Z / 351G	PALMAR	LEFT	30707	100MLL
	61802	8-1/4"	5-3/8"	11.30Z / 351G	CABLE EXIT	RIGHT	30708	100MRL
M12 X 1.5MM THREAD	61990	7-3/4"	5-3/8"	10.90Z / 339G	STANDARD	LEFT	30703	100MLLZZ
	61989	7-3/4"	5-3/8"	10.90Z / 339G	CABLE EXIT	RIGHT	30704	100MRLZZ
	62009	8-1/4"	5-3/8"	11.30Z / 351G	STANDARD	LEFT	30707	100MLL
	62010	8-1/4"	5-3/8"	11.30Z / 351G	CABLE EXIT	RIGHT	30708	100MRL
	61988	7-3/4"	5-3/8"	10.90Z / 339G	PALMAR	LEFT	30703	100MLLZZ
	61987	7-3/4"	5-3/8"	10.90Z / 339G	CABLE EXIT	RIGHT	30704	100MRLZZ
	62011	8-1/4"	5-3/8"	11.30Z / 351G	PALMAR	LEFT	30707	100MLL
	62012	8-1/4"	5-3/8"	11.30Z / 351G	CABLE EXIT	RIGHT	30708	100MRL

UPPER EXTREMITY PROSTHETICS

Male Hands



Male Becker Lock Grip Hand

HOSMER

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

COSMETIC GLOVE INFORMATION



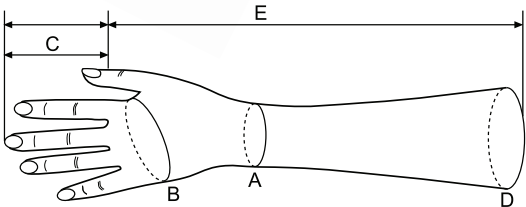
- 1yyyyyzz3 Micro Coated Vinyl
- 1yyyyyzz1 PVC



- 1yyyyyzz4 Expanded MCV
- 1yyyyyzz2 Expanded PVC



- 3yyyyyzz3 Micro Coated Silicone
- 3yyyyyzz1 Silicone



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

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

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

UPPER EXTREMITY PROSTHETICS

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



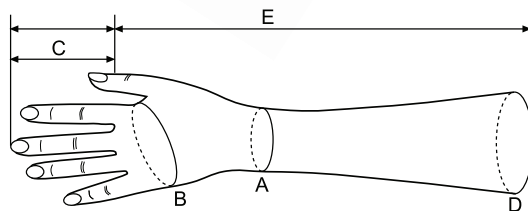
1yyyyzz3 Micro Coated Vinyl
1yyyyzz1 PVC



1yyyyzz4 Expanded MCV
1yyyyzz2 Expanded PVC



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

HAND NO. (XXXXX)	MEASUREMENTS			SIDE	GLOVE NO. (YYYYY)	REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)
	MCP (B)	WRIST TO THUMB	WEIGHT			
50543	8" / 20.32 CM	4.5" / 11.4CM	14OZ / 397G	LEFT	30801	100MLM
50542	8" / 20.32 CM	4.5" / 11.4CM	14OZ / 397G	RIGHT	30802	100MRM

UPPER EXTREMITY PROSTHETICS

Male Hands

Male Myoelectric Hand

CENTRI

- Proportional control, fast opening and closing electric hand (.35 seconds)
- Lightweight and short hand length
- Unique wrist motion similar to natural hand function
- Wrist sold separately
- Includes inner shell



ORDERING INFORMATION MYO HAND						
PRODUCT NUMBER FOR MYOELECTRIC HAND	SIDE	MCP	WRIST TO THUMB	PREHENTION PINCH FORCE	WEIGHT	GLOVE NUMBER (YYYYY)
610 734 011	LEFT	7 3/4"	45MM/85MM	68N (6V)	210G	31607
610 734 012	RIGHT	7 3/4"	45MM/85MM	68N (6V)	210G	31608
610 734 011	LEFT	8 1/4"	45MM/85MM	68N (6V)	210G	31619
610 734 012	RIGHT	8 1/4"	45MM/85MM	68N (6V)	210G	31620

ORDERING GUIDE COSMETIC GLOVES				
GLOVE TYPE		GLOVE NO. (SEE ORDERING INFORMATION ABOVE)	CENTRI COLOR GUIDE	
PVC STANDARD	1	YYYYY	ZZ	1
PVC EXPANDED	1	YYYYY	ZZ	2
PVC STANDARD	1	YYYYY	ZZ	3
MCV EXPANDED	1	YYYYY	ZZ	4
EXAMPLE: PVC STANDARD (1) + GLOVE NO. (31607) + COLOR (C04) = PRODUCT NO. 131607041				

PRODUCT NO.	ORDERING INFORMATION ACCESSORIES	WEIGHT	MEASUREMENTS (MM)
610 734 009	INNER SHELL 7 3/4 LEFT	-	-
610 734 010	INNER SHELL 7 3/4 RIGHT	-	-
610 814 009	INNER SHELL 8 1/4 LEFT	-	-
610 814 010	INNER SHELL 8 1/4 RIGHT	-	-
610 000 001	QUICK CHANGE WRIST WITH ROTATION	45	H : 20 D : 39
610 000 002	QUICK CHANGE WRIST DUMMY FOR LAMINATION	-	-
610 000 010	CENTRI ELECTRODE WITH STUDS (3PCS) PROPORTIONAL	24	L : 490 (INCL. CABLES)
610 000 027	STUD, 1PC	3,5	D: 14 T MIN: 4.8
610 000 012	CONTROL UNIT	14	L : 425 W : 28 T : 11
610 000 013	CABLE FOR CONTROL UNIT TO CENTRI ELECTRODE	2	L : 250
610 000 014	CABLE FOR CONTROL UNIT TO OTTO BOCK ELECTRODE	2	L : 250
631 000 026	WITHDRAWAL TOOL 3 AND 6 POL. PLUG	-	-
631 000 004	TOUCH PADS KIT, 3 PCS TP01	-	-
631 000 005	TP CABLE UNTERMINATED 1M, 1PC TP10	-	-
610 000 015	BATTERY NIMH 6V 500MAH, EXTERNAL USE	74	L : 79 W : 31 T : 20
610 000 016	BATTERY CASE FOR NIMH 6V BATTERY	16	L : 91 W : 33 T : 23.5
610 000 018	DUMMY NIMH BATTERY FOR LAMINATION	-	-
610 000 019	BATTERY CHARGER 110-240V FOR NIMH BATTERY	-	-
610 000 020	BATTERY LI-ION 7,4V 1000MAH, INTERNAL USE	59	L : 66 W : 36 T : 9.2
610 000 023	BATTERY CHARGER 110-240V FOR LI-ION BATTERY	-	-
610 000 022	CHARGE PLUG FOR LI-ION BATTERY	5	D : 11.5 T : 12.5
610 000 021	SENSOR FOR LI-ION BATTERY	3	L : 30 W : 12.5 T : 4.2
610 000 024	ON/OFF SWITCH	5	L : 25 W : 10.5 T : 21
610 000 026	ADAPTER CABLE FOR OTTO BOCK CABLE	2	L : 150

UPPER EXTREMITY PROSTHETICS

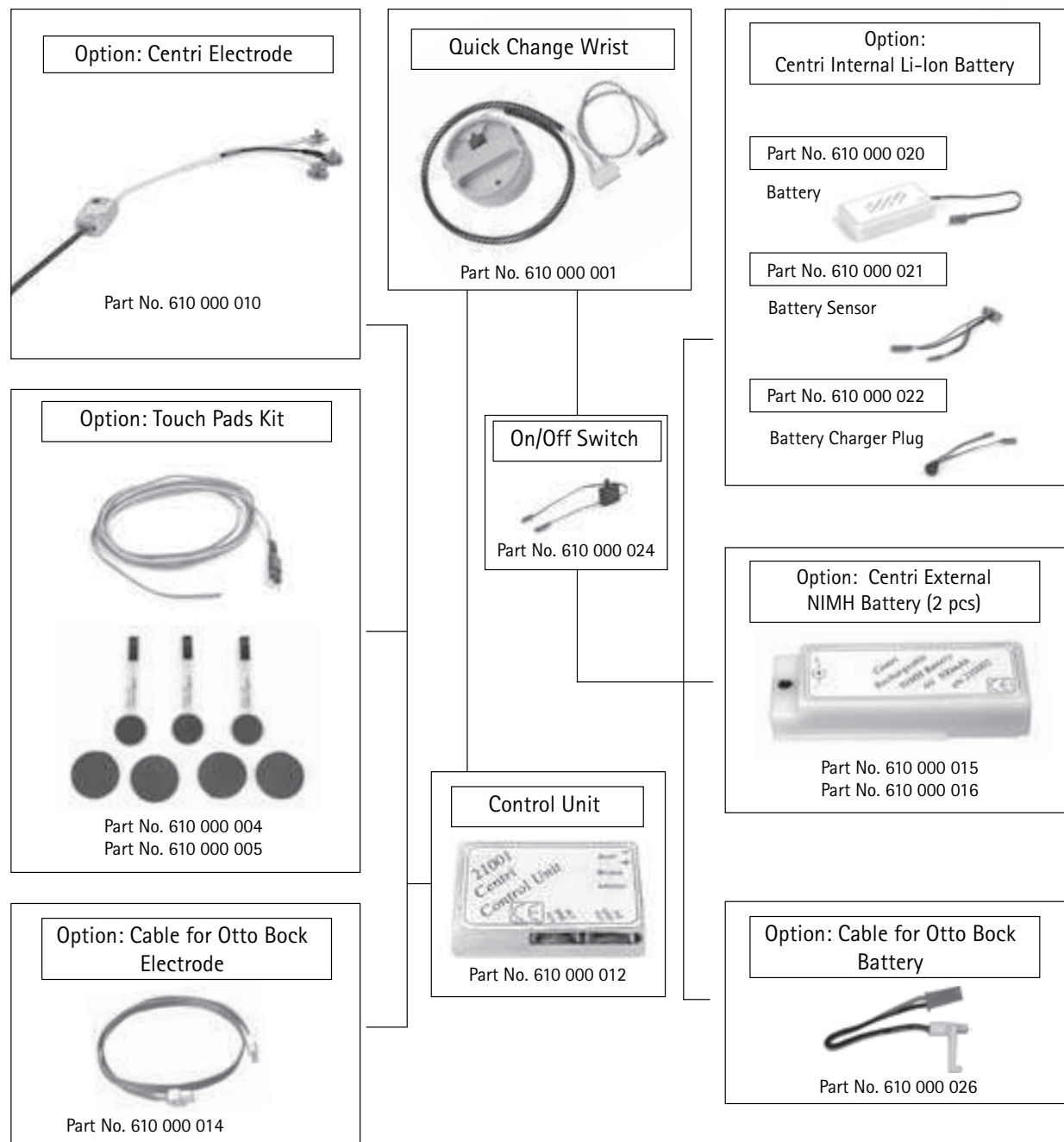
Male Hands

Ordering Guide for Centri MYO Electric Hand

CENTRI

610 734 011 Male Myoelectric Hand, *Left*
610 734 012 Male Myoelectric Hand, *Right*

NOTE: 7-3/4 Hand Comes With Glove, When
Ordering Size 8-1/4 Also Order Inner Shell

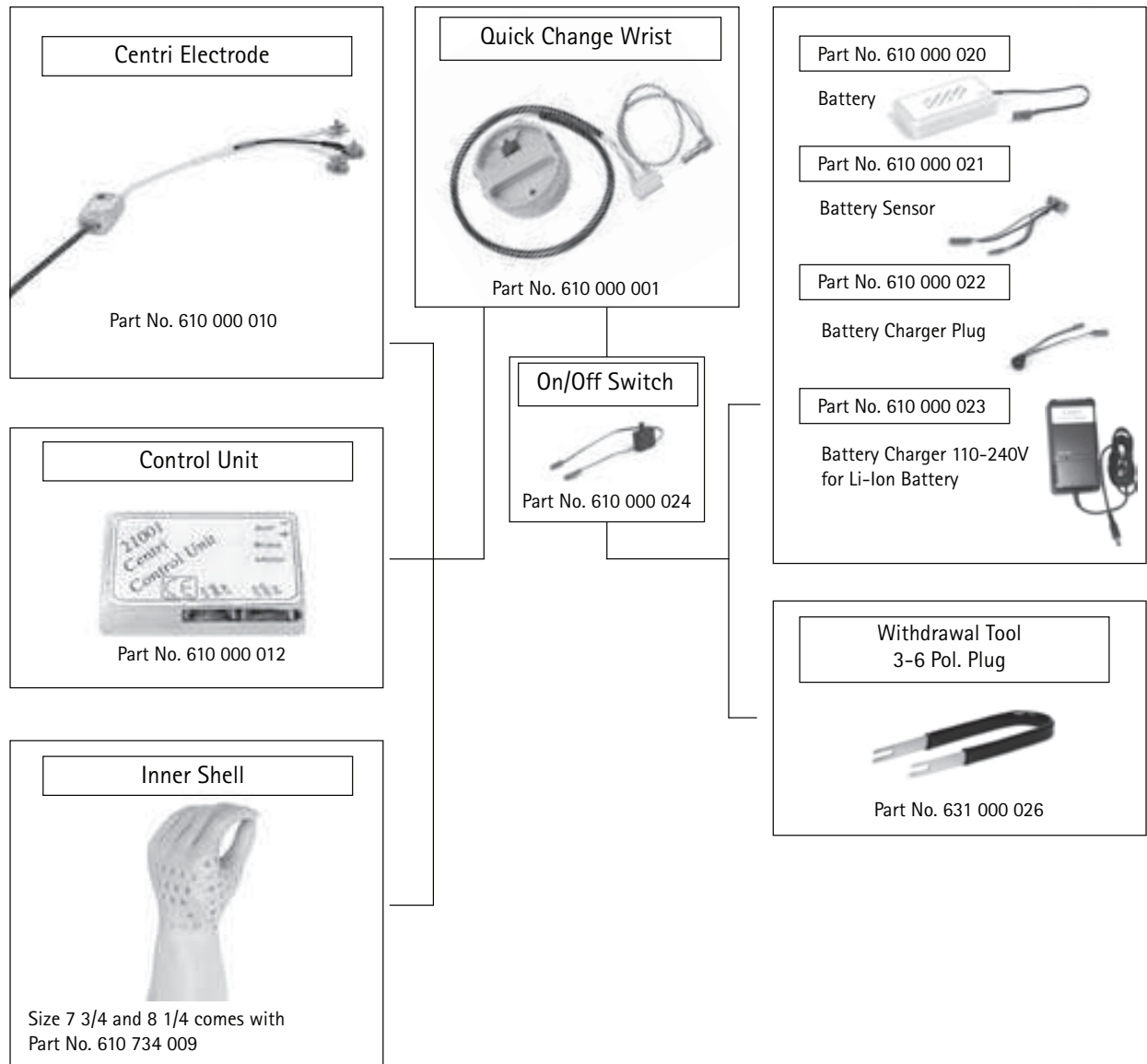


UPPER EXTREMITY PROSTHETICS

Male Hands

MYO Kit 1 with Li-Ion Battery for Internal Use

- 610 734 111 Male Myoelectric Hand, 7 3/4 Left
- 610 734 112 Male Myoelectric Hand, 7 3/4 Right
- 610 814 111 Male Myoelectric Hand, 8 1/4 Left
- 610 814 112 Male Myoelectric Hand, 8 1/4 Right



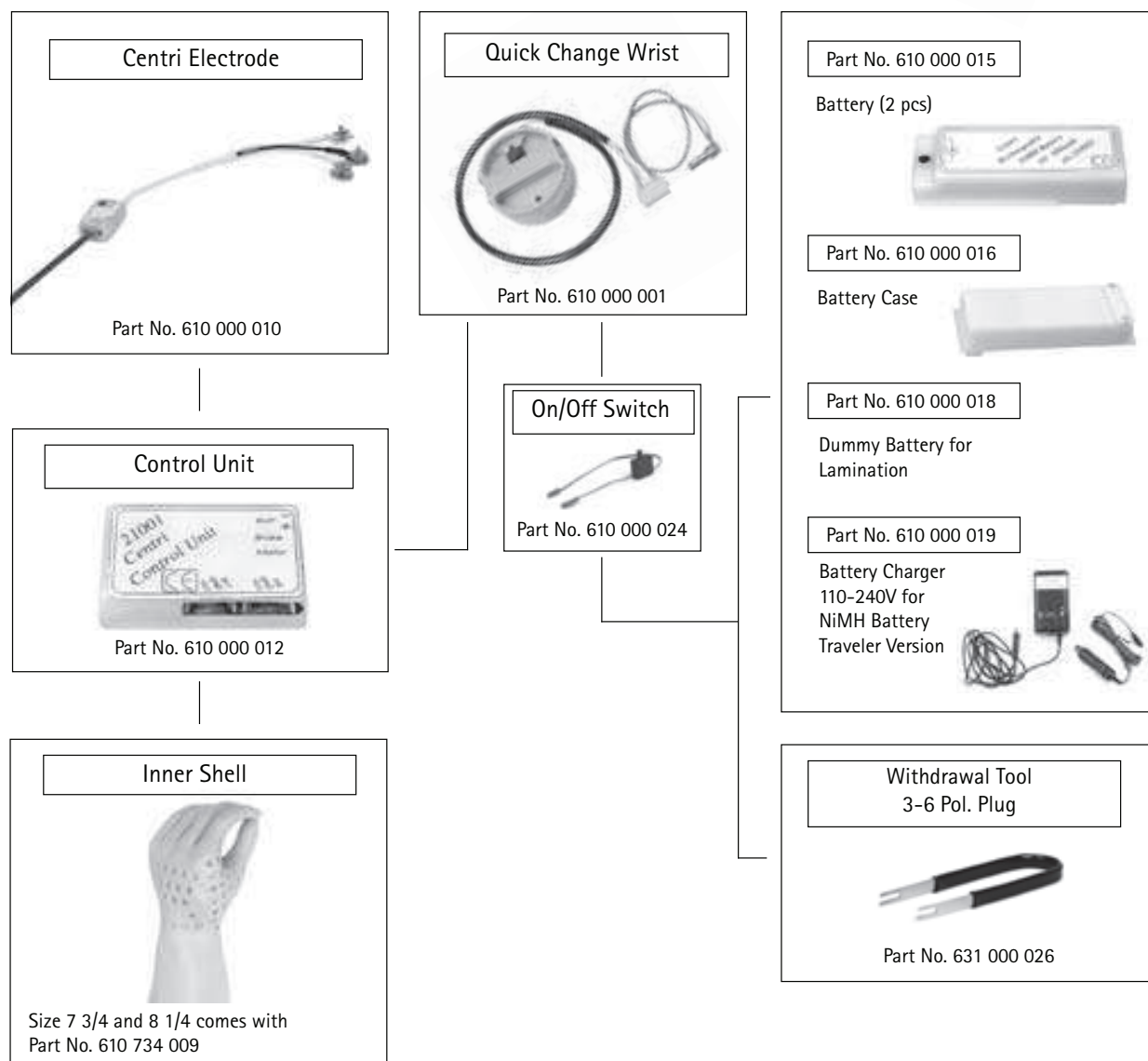
UPPER EXTREMITY PROSTHETICS

Male Hands

MYO Kit 2 with NiMH Battery for External Use

CENTRI

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



UPPER EXTREMITY PROSTHETICS

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



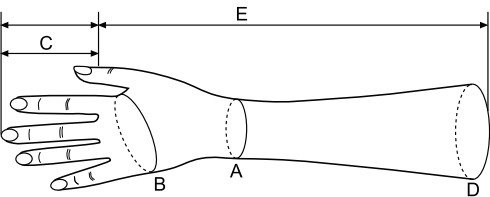
1yyyyzz3 Micro Coated Vinyl
1yyyyzz1 PVC



1yyyyzz4 Expanded MCV
1yyyyzz2 Expanded PVC



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

HAND NO. (XXXXX)	MEASUREMENTS			SIDE	GLOVE NO. (YYYYY)
	MCP (B)	WRIST TO THUMB	WEIGHT		
50317	8" / 20.32CM	5-1/4" / 13.3CM	14OZ / 393G	LEFT	30913
50316	8" / 20.32CM	5-1/4" / 13.3CM	14OZ / 393G	RIGHT	30914

UPPER EXTREMITY PROSTHETICS

Male Hands



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



1yyyyyzz3 Micro Coated Vinyl
1yyyyyzz1 PVC

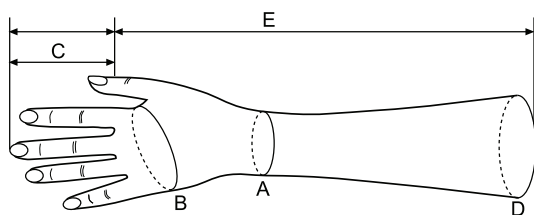


1yyyyyzz4 Expanded MCV
1yyyyyzz2 Expanded PVC



3yyyyyzz3 Micro Coated Silicone
3yyyyyzz1 Silicone

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



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

HAND NO. (XXXXX)	MEASUREMENTS			SIDE	GLOVE NO. (YYYYY)	REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)
	MCP (B)	WRIST TO THUMB	WEIGHT			
52541	8" / 20.32CM	5" / 12.7CM	12.5OZ / 354G	LEFT	30707	100MLL
52540	8" / 20.32CM	5" / 12.7CM	12.5OZ / 354G	RIGHT	30708	100MRL

UPPER EXTREMITY PROSTHETICS

Male Hands

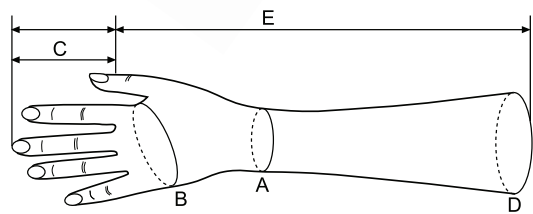


Male Sierra Voluntary Opening Hand

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*



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

COSMETIC GLOVE INFORMATION

	1yyyyyzz3	Micro Coated Vinyl
	1yyyyyzz1	PVC
	1yyyyyzz4	Expanded MCV
	1yyyyyzz2	Expanded PVC
	3yyyyyzz3	Micro Coated Silicone
	3yyyyyzz1	Silicone

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

HAND NO. (XXXXX)	MEASUREMENTS			SIDE	GLOVE NO. (YYYYY)	REGAL GLOVE NO. (FITS CORRESPONDING HAND NO.)
	MCP (B)	WRIST TO THUMB	WEIGHT			
52566	8" / 20.32CM	5" / 12.7CM	12.5OZ / 354G	LEFT	30707	100MLL
52565	8" / 20.32CM	5" / 12.7CM	12.5OZ / 354G	RIGHT	30708	100MRL

UPPER EXTREMITY PROSTHETICS

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



UPPER EXTREMITY PROSTHETICS

Hands

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*

UPPER EXTREMITY PROSTHETICS

Wrists

FM Quick Change Wrist

HOSMER

- 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

51043 Quick Change Wrist FM-100,
Aluminum Body; 2" (5.1cm) Diameter; 3.25oz (92g)

51044 Quick Change Wrist FM-100S,
Stainless Steel; 2" (5.1cm) Diameter; 6oz (170g)

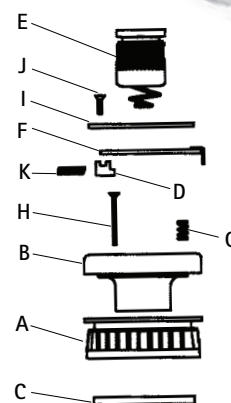
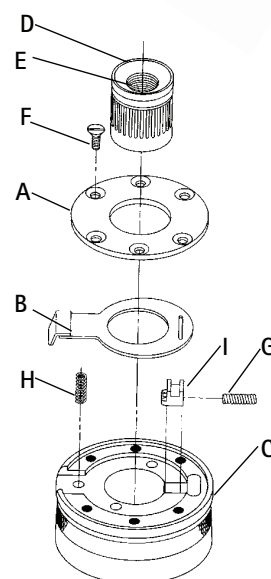
Includes:

- A. **51045** Face Plate
 B. **51046** Yoke
 C. **51049** Body, Aluminum
 51051 Body, Stainless Steel
 D. **51052** Insert, Standard 1/2-20 Thread; 1oz (28.35g)
 58229 Insert, M12x1.5 Metric Thread (Must Be Ordered Separately)
 E. **51055** Insert Spring, for 51052
 F. **51057** Screw
 G. **51058** Spring
 H. **51059** Spring
 I. **51060** Gear Rack

58297 Quick Change Wrist with Laminating Ring FM-100LR;
2" (5.1cm) Diameter; 4.1oz (116.2g)

Includes:

- A. **59522** Laminating Ring
 B. **58299** Body
 C. **58287** Nut plate
 D. **51060** Gear
 E. **51052** Insert, Standard 1/2-20 Thread
 58229 Insert, M12x1.5 Metric Thread (Must Be Ordered Separately)
 F. **51046** Yoke
 G. **51059** Spring
 H. **58283** Screw #4-40, 4 Each
 I. **51045** Plate
 J. **51057** Screw #4-40, 6 Each
 K. **51058** Spring
 58305 Body Assembly (Shown In Photograph)



UPPER EXTREMITY PROSTHETICS

Wrists

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

62435 Quick Change Wrist, *Laminating Ring, M12 x 1.5mm***58229** Insert, *Metric M12 x 1.5mm***62436** Quick Change Wrist, *Laminating Ring, 1/2-20***51052** Insert, *Standard 1/2-20*

Wrist Socket with Ball Lock

CENTRI

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

631060100 Wrist Socket, *with Ball Lock, 60mm Diameter for Long Stem***631060200** Wrist Socket, *with Ball Lock, 60mm Diameter for Short Stem***631040100** Wrist Socket, *with Ball Lock, 40mm Diameter for Long Stem*

UPPER EXTREMITY PROSTHETICS

Wrists



WD Quick Change Wrist

HOSMER

- 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

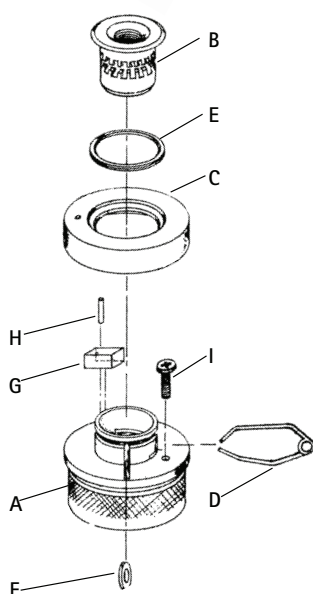
52127 WD Quick Change Wrist, WD-400; Aluminum Insert; 2", (5.1cm) Diameter; 3.75oz (99g)

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

HOSMER

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

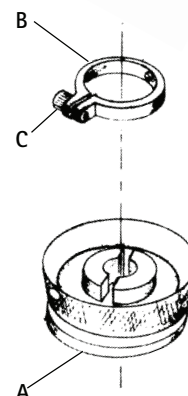
55108 CAPP Wrist 1412, 1-1/2" (3.8cm) Diameter; .75oz (21g)

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)



UPPER EXTREMITY PROSTHETICS

Wrists

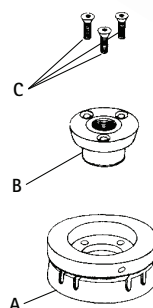
OW Oval Friction Wrist

HOSMER

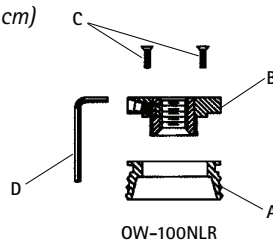
- Same function as Nylon Friction WE Wrist
- Recommended for mechanical or passive hands
- Laminating ring version available
- Standard 1/2-20 thread

51618 OW-75N Medium Small Size, 2x1.5" (5.1cx3.8cm); 2oz (57g)**51623** OW-100N Adult Size, 2.25x1.63", (5.7x4.1cm); 2.5oz (71g)*Includes:*

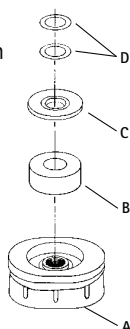
- A. 51627** Body, OW-100N
51621 Body, OW-75N
B. 52151 Insert, *Includes 52155*
C. 52152 Face Screw
52155 Set Screw, 52151 (Not Shown)
52154 Allen Wrench, (Shown Below as D)

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

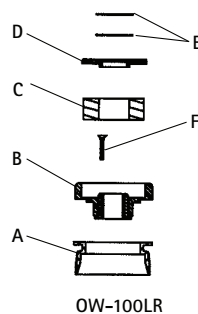
- A. 59526** Laminating Ring
B. 58695 Body Assembly
C. 58682 Screw, #4-40 4 Required
D. 52154 Allen Wrench

**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



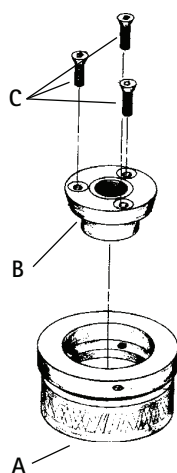
UPPER EXTREMITY PROSTHETICS

Wrists

**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



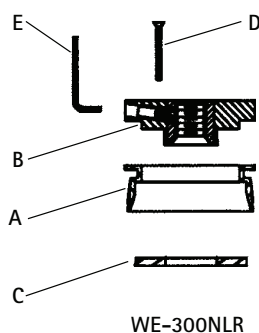
- 52147** WE-200N Child Size, 1-1/2" (3.8cm) Diameter; 1.5oz (42g)
52156 WE-300N Medium Size, 1-3/4" (4.4cm) Diameter; 2oz (57g)
52160 WE-500N Adult Size, 2" (5.1cm) Diameter; 2.6oz (74g)

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:*

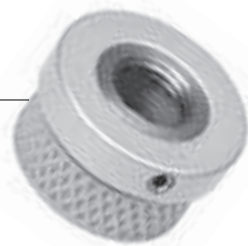
- A. 59522** Laminating Ring, WE-500NLR
59523 Laminating Ring, WE-300NLR
B. 58685 Body Assembly, WE-500NLR
58689 Body Assembly, WE-300NLR
C. 58287 Nut plate, WE-500NLR Only
D. 58283 Screw #4-40 4 Req, WE-500NLR
58682 Screw #4-40 4 Req, WE-300NLR
E. 52154 Allen Wrench
52155 Set Screw (Not Shown)

WE Friction Wrist Infant Size

HOSMER

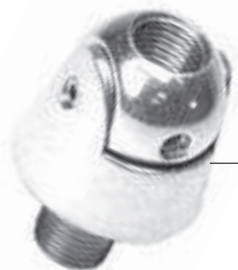
- Insert is pressed in and non-replaceable
- Standard 1/2-20 thread

- 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)



UPPER EXTREMITY PROSTHETICS

Wrists

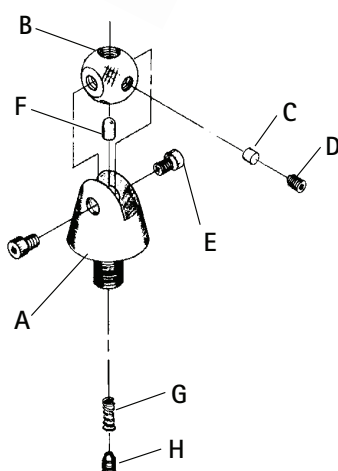
APRL Child Flexion Wrist

HOSMER

- 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 stub

52176 APRL Child Wrist Flexion Unit WF-50*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

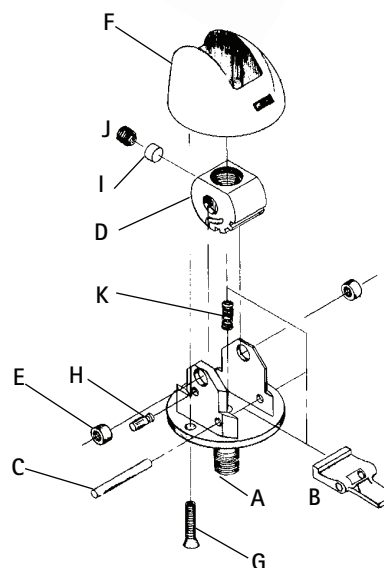
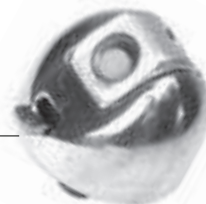
Sierra Wrist Flex Unit

HOSMER

- 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

52371 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



UPPER EXTREMITY PROSTHETICS

Wrists

FW Flexion Friction Wrist

HOSMER

- 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

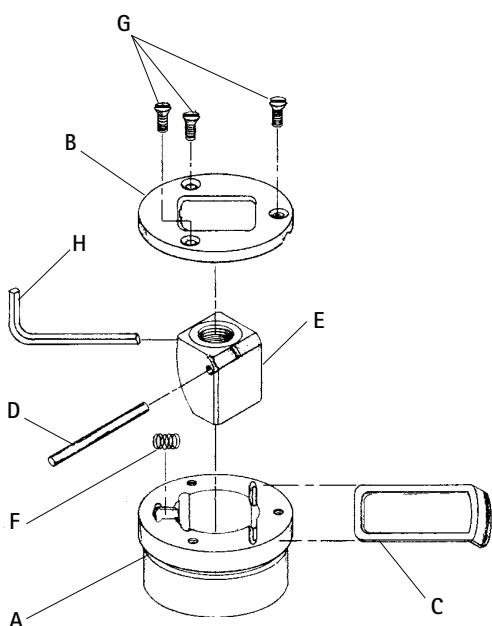
58221 FW-200, Child, M12 x 1.5mm

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

HOSMER

- 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")



UPPER EXTREMITY PROSTHETICS

Wrists

Friction Disconnect Wrist

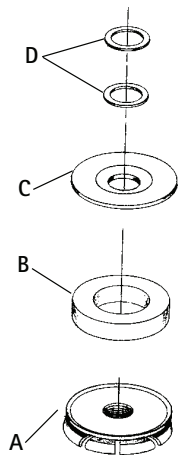
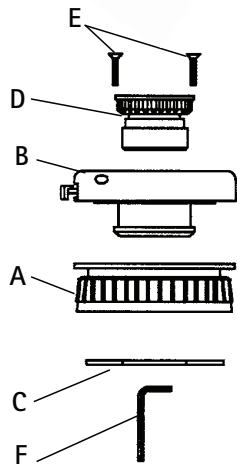
HOSMER

- 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:

	OVAL	MEDIUM	LARGE
A. Laminating Ring	59526	59523	59522
B. Body Assembly	58159	58154	58155
C. Nut plate	N/A	N/A	58287
D. Insert	58153	58153	58153
E. Screw (4 each)	58294	58282	58283
F. Allen Wrench	52154	52154	52154



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:

- A. **52121** Body, WA-600
52122 Body, WA-600A
- B. **52124** Rubber, WA-600
52125 Rubber, WA-600A
- C. **52126** Cover, WA-600
52172 Cover, WA-600A
- D. **52173** Brass Washer

UPPER EXTREMITY PROSTHETICS

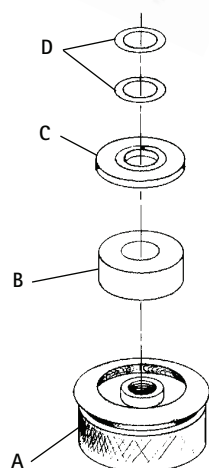
Wrists



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)

Includes:

- 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



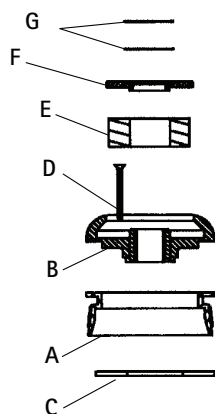
58690 WE-500LR, Aluminum Wrist with Laminating Ring

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



UPPER EXTREMITY PROSTHETICS

Wrists

Economy Wrist With Straps

HOSMER

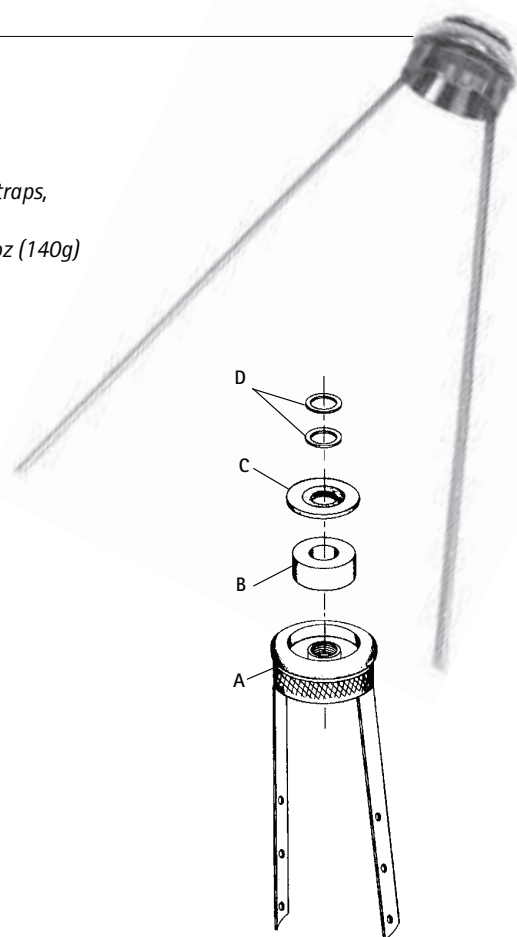
- Anchor straps provide heavy duty version of Economy Wrist
- Standard 1/2"-20 thread

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)*

Includes:

- A. 52169** Body, *with Straps for 52163*
59462 Body, *with Straps for 59463*
B. 52171 Rubber
C. 59464 Cover
D. 52173 Brass Washer



55963

54201

Arm Frames

HOSMER

55963 Stainless Steel Arm Frame 620,
11 1/2" (29.2cm) Overall Length, Standard 1/2"-20 Screw in Disconnect

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

UPPER EXTREMITY PROSTHETICS

Wrists

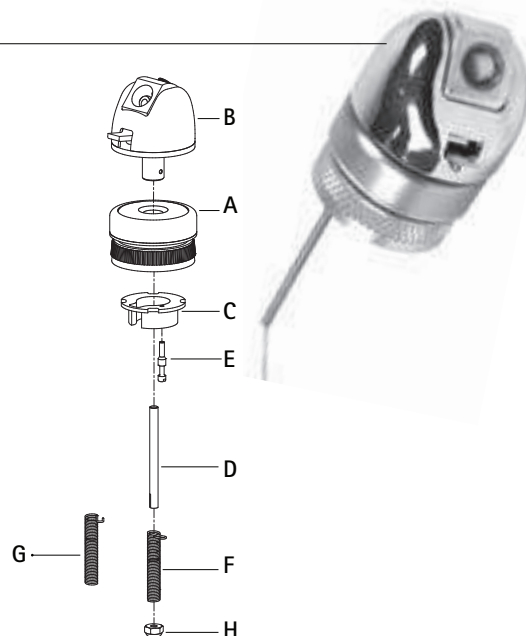
Four Function Wrist

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



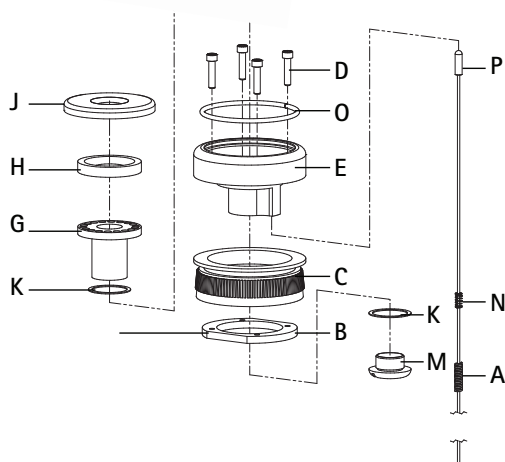
Rotational Wrist

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



UPPER EXTREMITY PROSTHETICS

Wrists

WedgeGrip Wrist

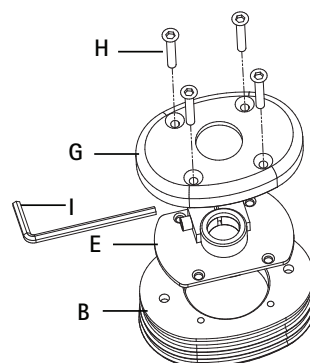
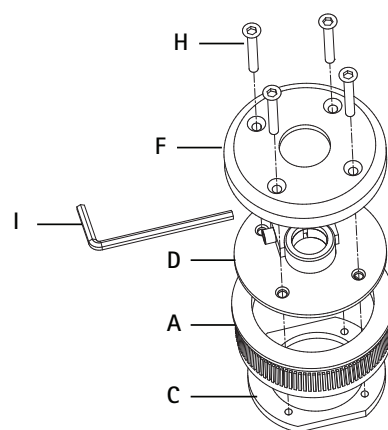
HOSMER

- 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



UPPER EXTREMITY PROSTHETICS

Wrists

Quick Disconnect Wrist - USMC Style

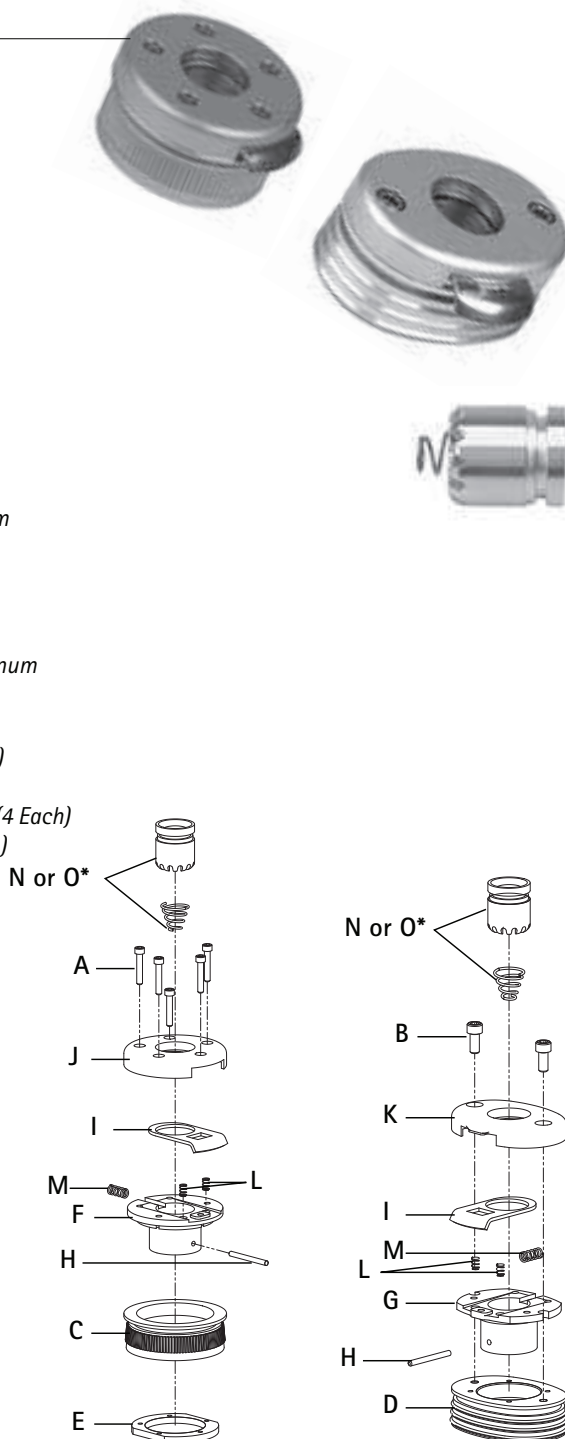
HOSMER

- 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", 1/2-20, Aluminum*
61860 Quick Disconnect Wrist, *Insert Only, 1/2-20*
61861 Quick Disconnect Wrist, *Insert Only, M12 x 1.5mm*
61863 Quick Disconnect Wrist, *Round 2", M12 x 1.5mm, Aluminum*
61922 Quick Disconnect Wrist, *Oval 2.25"x1.63", M12 x 1.5mm, Aluminum*

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" x 1.63" (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"*
D. 62357 Laminating Ring Body, *Oval 2" x 1.5"*
59526 Laminating Ring Body, *Oval 2.25" x 1.63"*
E. 61865 Nut Plate, *Round 2", 5-Hole*
F. 61866 Wrist Body, *Round 2"*
62348 Wrist Body, *Round 1.75"*
G. 62346 Wrist Body, *Round 2" x 1.5"*
61918 Wrist Body, *Oval 2.25" x 1.63"*
H. 61852 Pin Dowel, *.094 x 1.000"*
I. 61853 Release Button, *Round 2", Oval 2.25" x 1.63"*
62349 Release Button, *Round 1.75"*
62346 Release Button, *Oval 2" x 1.5"*
J. 61854 Wrist Cover, *Round 2"*
62350 Wrist Cover, *Round 1.75"*
K. 62347 Wrist Cover, *Oval 2" x 1.5"*
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*
O. 61861 Quick Disconnect Insert, *M12 x 1.5mm*



NOTE: These are not sold separately

UPPER EXTREMITY PROSTHETICS

Elbows

E-400 Elbow

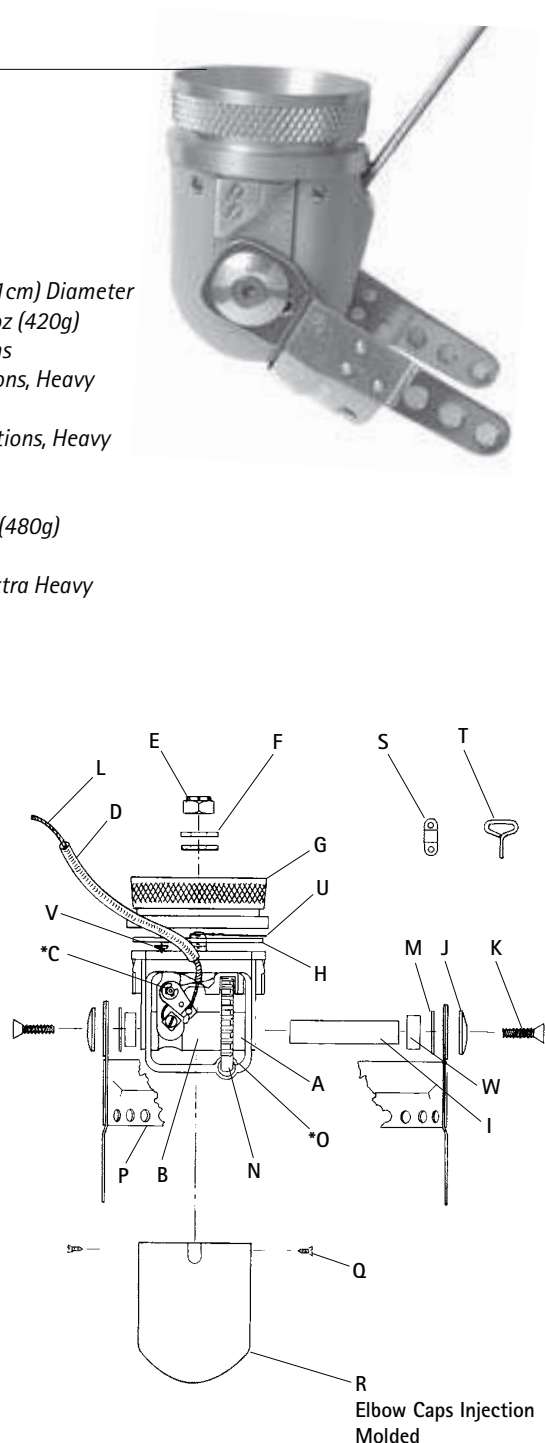
HOSMER

- 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

- 50650** E-400 Standard Size Elbow with Outside Cable Exit, 2-13/16" (7.1cm) Diameter 2-1/8" (5.4cm) Elbow, 11 Locking Positions Axis To Socket End; 15oz (420g)
- 50651** E-400A, Same as 50650 with Inside Cable Exit, 11 Locking Positions
- 61658** E-400HD Standard Size Elbow; Inside Cable Exit, 8 Locking Positions, Heavy Duty Saddle and Gear Sector; 15oz (420g)
- 50653** E-400HD Standard Size Elbow; Outside Cable Exit, 8 Locking Positions, Heavy Duty Saddle and Gear Sector; 15oz (420g)
- 60149** E-400XHD: Standard Size Elbow; Outside Cable Exit, 8-Locking Positions, Extra Heavy Duty Gear Sector, Heavy Duty Saddle; 17oz (480g)
- 60665** Power-Bow: Standard Size Elbow; Outside Cable Exit, 8-Locking Positions, Stainless Steel Frame, Cam and Reinforced Extra Heavy Duty Gear Sector, Heavy Duty Saddle; 21.2 oz (597.5g)

Includes:

- A. **50720** Short Sleeve
 B. **50721** Long Sleeve
 *C. **57497** Internal Assembly, E-400 and HD
 D. **50725** Cable Housing Assembly
 E. **50667** Lock Nut
 F. **50668** Belleville Washer
 G. **50658** Turntable, E-400, 400HD
 50659 Turntable, E-400A
 H. **50665** Cork Washer
 I. **50719** Shaft
 J. **50739** Outside Washer
 K. **50740** Screw
 L. **50724** Cable Assembly
 M. **50729** Washer
 N. **62235** Heavy Duty Gear Sector, E-400 and 400A
 62236 Gear Sector, E-400HD
 62237 Extra Heavy Duty Gear Sector, E-400XD, Powerbow
 *O. **50748** Yoke Assembly
 P. **50730** Elbow Saddle Assembly, E-400 and 400A
 50738 Elbow Saddle Assembly, E-400HD
 Q. **50742** Sheet Metal Screw
 R. **50741** Elbow Cap, Caucasian, E-400, E-400HD
 54419 Elbow Cap, Dark Brown, E-400
 54422 Elbow Cap, Medium Brown, E-400
 54425 Elbow Cap, Light Brown, E-400
 53926 Elbow Cap, Caucasian, E-400A
 54418 Elbow Cap, Dark Brown, E-400A
 54421 Elbow Cap, Medium Brown, E-400A
 54424 Elbow Cap, Light Brown, E-400A
 S. **50427** Anchor
 T. **50747** Hanger
 U. **50680** Bolt
 V. **50678** Screw
 W. **50722** Bearing



*NOTE: See Next Page for Sub Assembly Information

UPPER EXTREMITY PROSTHETICS

Elbows

E-400 Elbow Sub Assemblies

HOSMER

57497 Internal Assembly, *E-400 and HD**Includes:*

**AA.	57496	Internal Cage Assembly, <i>E-400 and HD</i>
BB.	50677	Base
CC.	50679	Screw
DD.	50680	Bolt
EE.	50715	Locking Bar Spring

50748 Yoke Assembly*Includes:*

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

60143 Yoke Assembly, *E-400 XHD***60664** Yoke Assembly, *Power Bow***57497** Internal Cage Assembly, *E-400 and HD**Includes:*

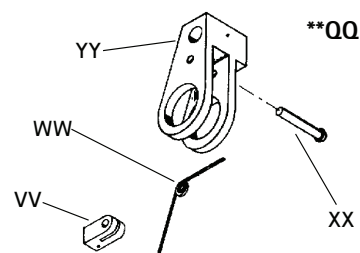
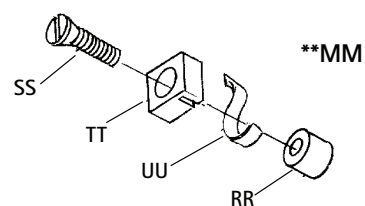
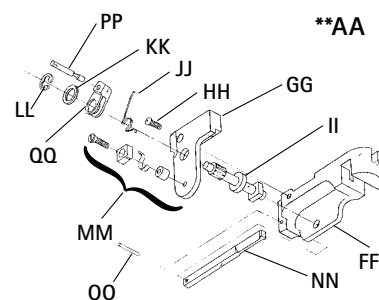
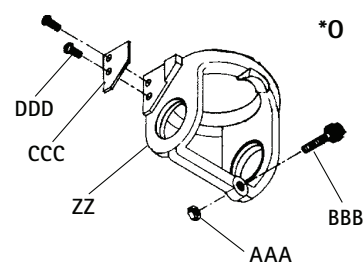
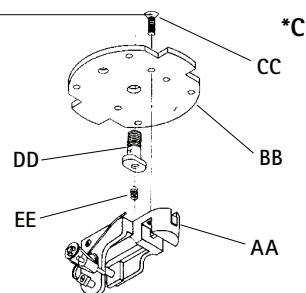
FF.	50681	Cage
GG.	50684	Cam Bearing
HH.	50831	Screw
II.	50687	Cam
JJ.	50689	Spring
KK.	50701	Washer
LL.	50160	Retaining Clip
**MM.	50709	Ratchet Assembly
NN.	50714	Locking Bar
OO.	50813	Case Pin
PP.	50713	Cable Pin

60148 Internal Cage Assembly, *EU00XHD and Power Bow (SST Double Gear Sector)***50709** Ratchet Assembly*Includes:*

**QQ.	55561	Lever Sub Assembly
RR.	50711	Spacer
SS.	50712	Screw
TT.	50708	Keeper
UU.	50710	Ratchet

55561 Lever Sub Assembly*Includes:*

VV.	50630	Pawl
WW.	50705	Spring
XX.	50706	Pin
YY.	50688	Lever



UPPER EXTREMITY PROSTHETICS

Elbows

E-200 Elbow

HOSMER

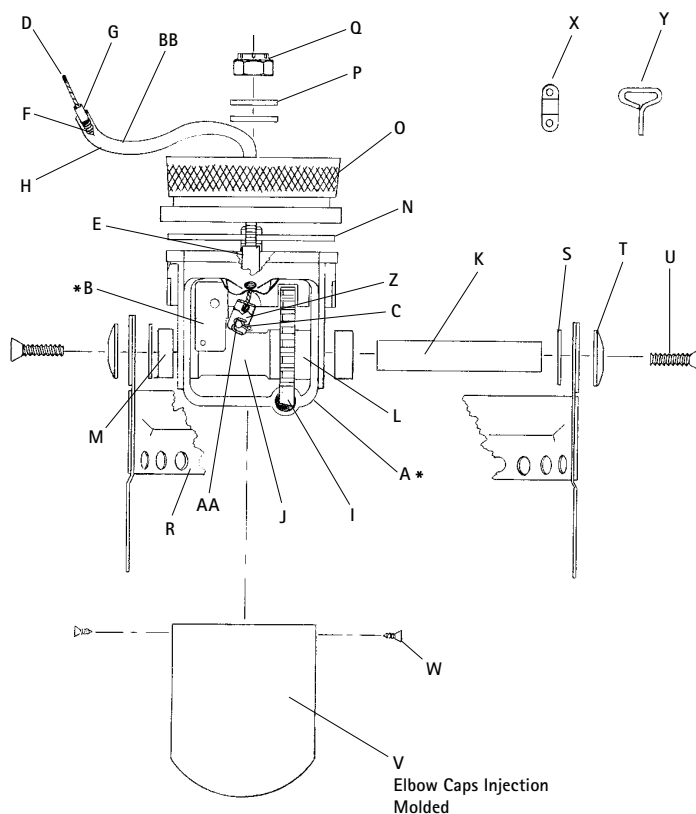
- Medium size mechanical elbow with eleven locking positions

- 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. 50739** 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

UPPER EXTREMITY PROSTHETICS

Elbows

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

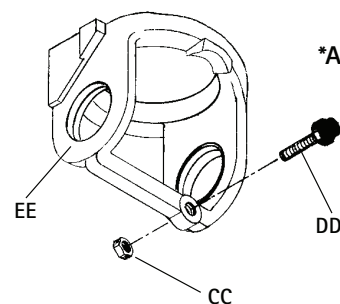
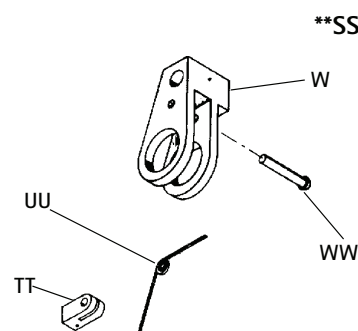
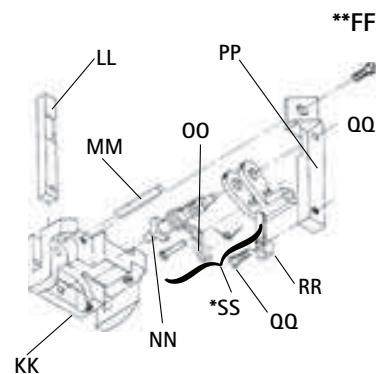
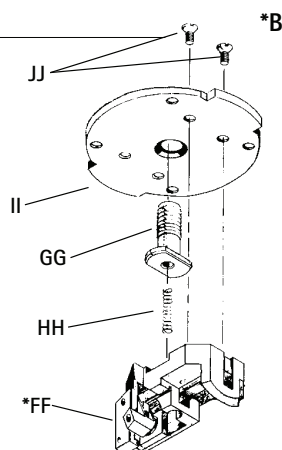
Includes:

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



UPPER EXTREMITY PROSTHETICS

Elbows

E-50 Elbow

HOSMER

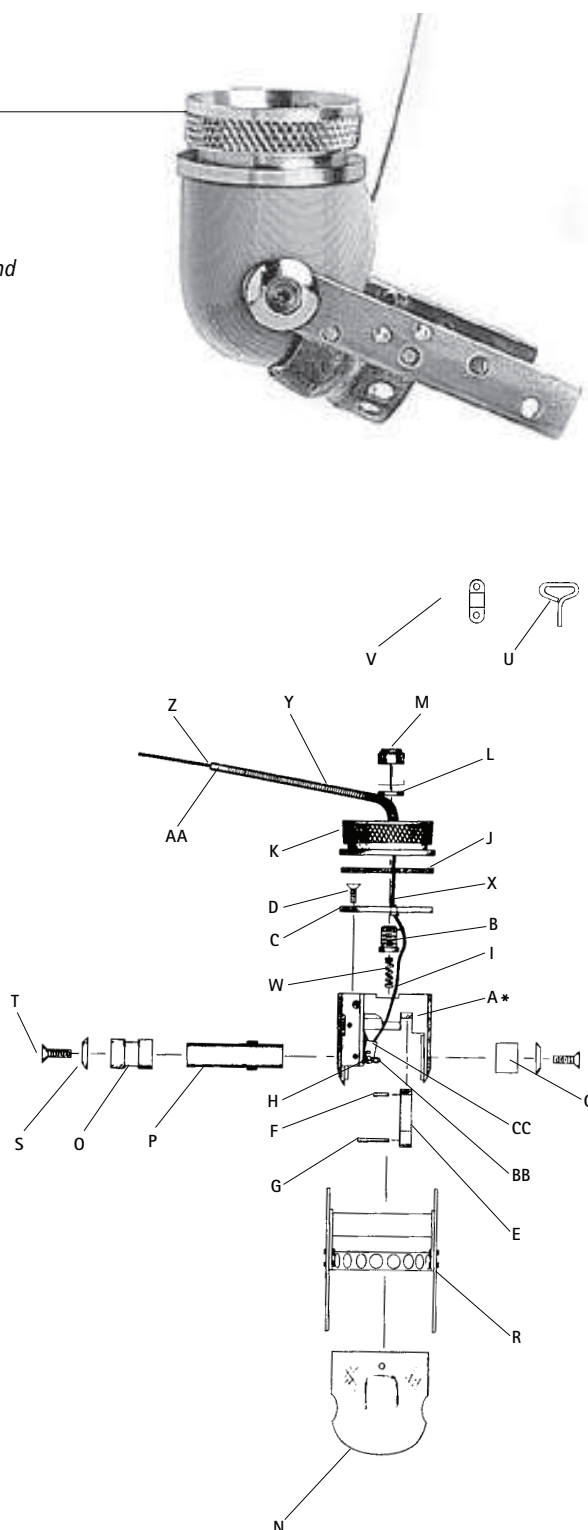
- Child size mechanical elbow with ten locking positions

- 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



UPPER EXTREMITY PROSTHETICS

Elbows

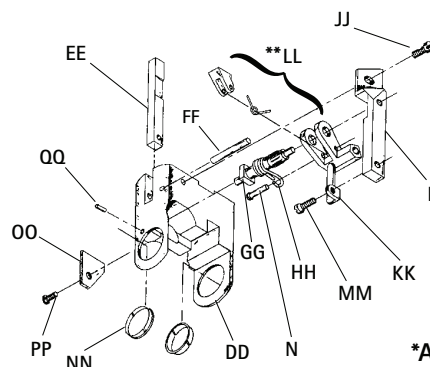
E-50 Elbow

HOSMER

59577 Yoke Assembly

Includes:

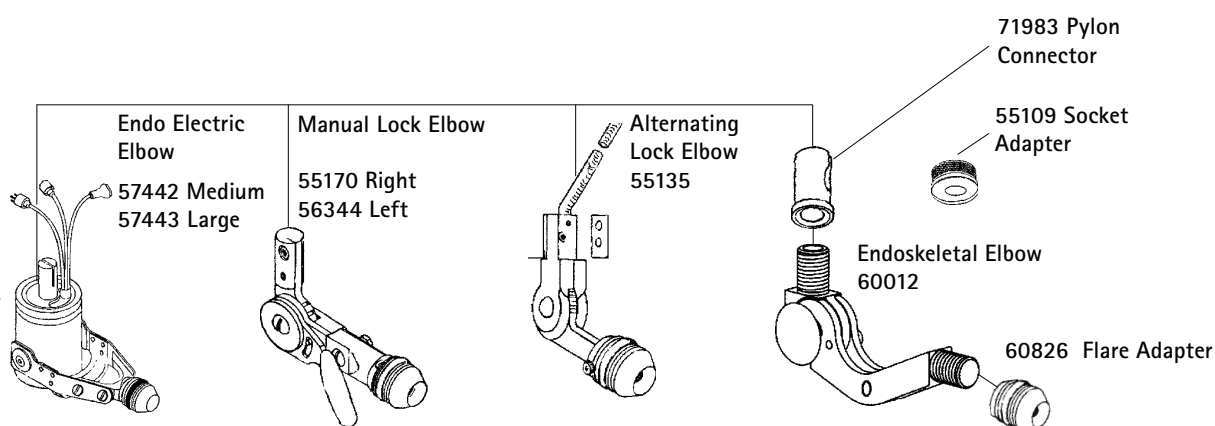
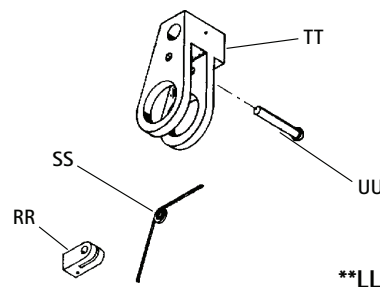
DD.	50565	Yoke
EE.	56110	Locking Bar
FF.	50813	Case Pin
GG.	50573	Cam
HH.	50629	Spring
II.	50572	Cam Bearing
JJ.	50627	Screw
KK.	50632	Ratchet
**LL.	50648	Lever Assembly
MM.	56659	Screw
NN.	50566	Bushing
OO.	50567	Bumper
PP.	50568	Screw
QQ.	51684	Pin



50648 Lever Assembly

Includes:

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



NOTE: See pages 99-100 for more information on endoskeletal elbows.

UPPER EXTREMITY PROSTHETICS

Elbows

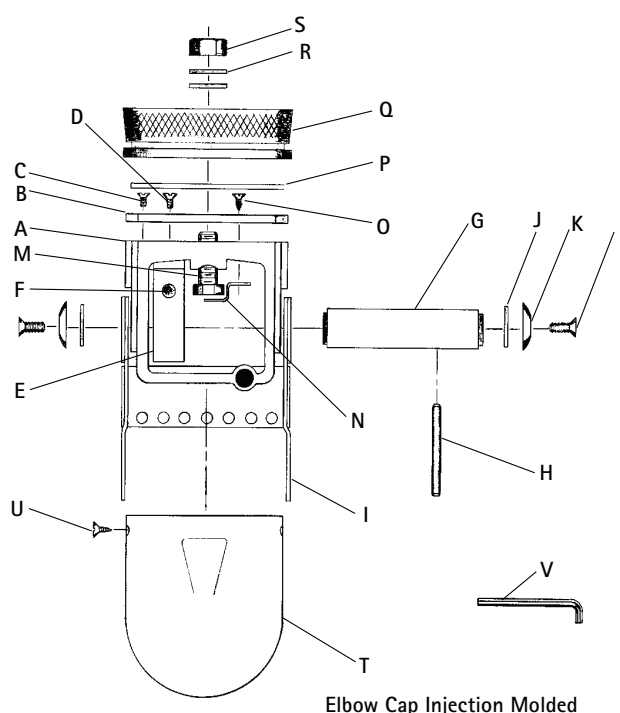
Friction Elbow

HOSMER

- 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

HOSMER

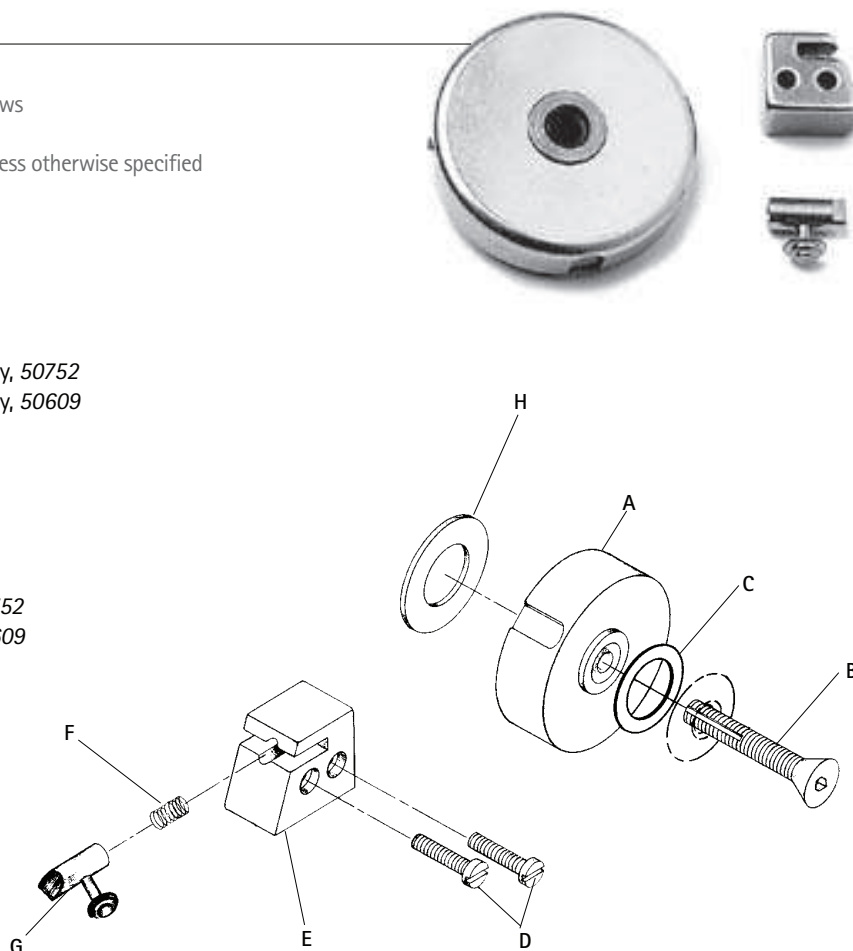
- May be installed on E-400 and E-200 elbows
- Mounted medially or laterally
- Supplied for installation on medial side unless otherwise specified
- Weighs only 1.5oz (42g)

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



UPPER EXTREMITY PROSTHETICS

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*

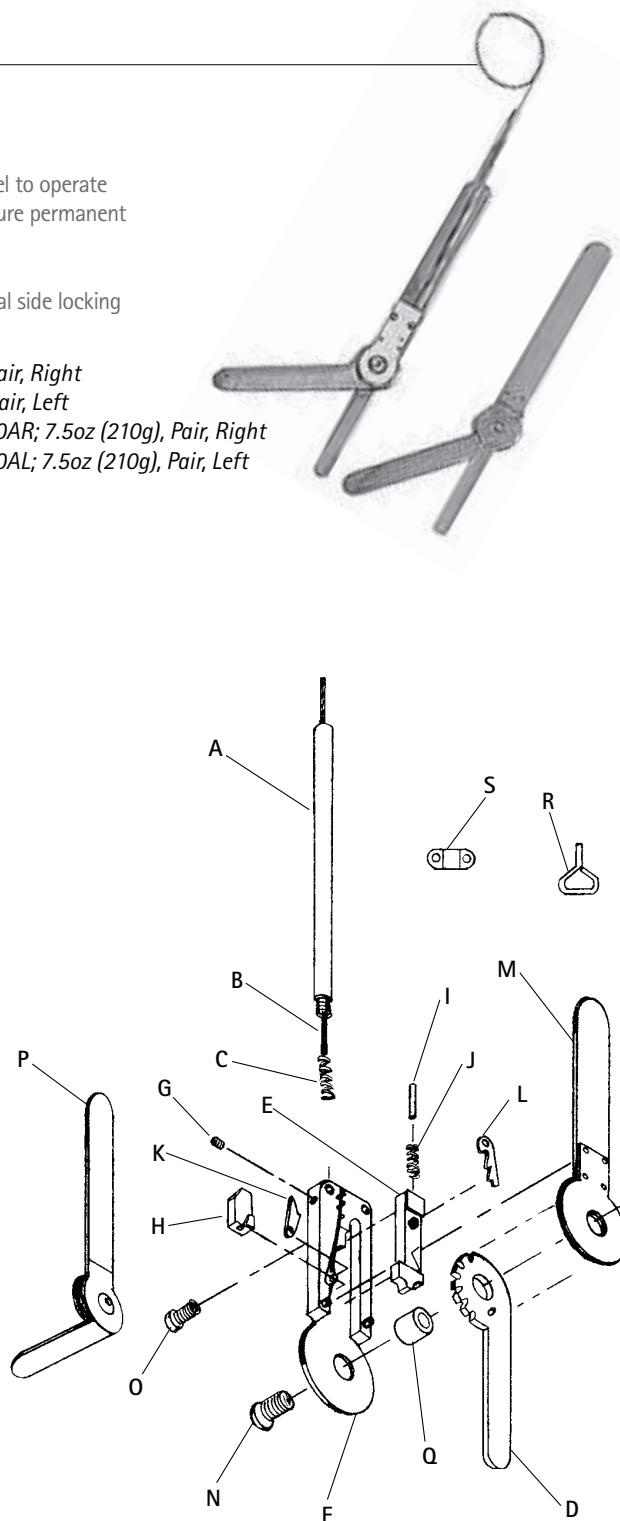
50853 Outside Locking Hinge, *Medium, E-1500L; 7.5oz (210g), Pair, Left*

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*



UPPER EXTREMITY PROSTHETICS

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*

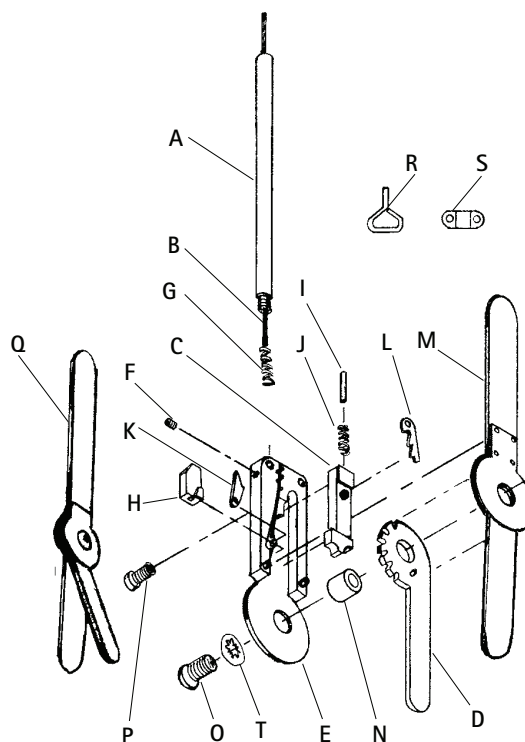
50915 Outside Locking Hinge, *Small, E-2500L; 5oz (140g), Pair, Left*

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



Hinge: 53881

UPPER EXTREMITY PROSTHETICS

Locking Hinges

Outside Locking Hinge, Large

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

53877 Outside Locking Hinge, *Large, E-500R; 10.5oz (294g), Pair, Right*

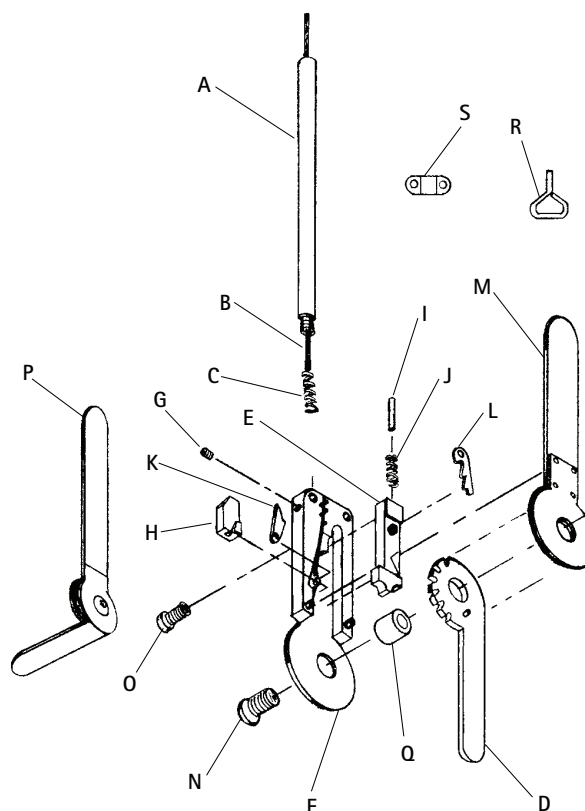
50776 Outside Locking Hinge, *Large, E-500L; 10.5oz (294g), Pair, Left*

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



UPPER EXTREMITY PROSTHETICS

Locking Hinges

Outside Locking Hinge, Large Heavy Duty

HOSMER

- 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

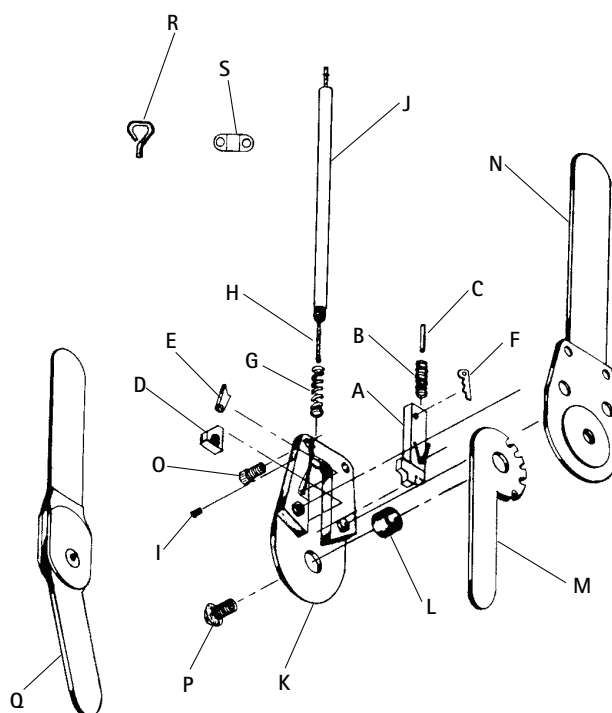
50950 Outside Locking Hinge, *Heavy Duty Large, E-5500L*; 15.5oz (434g), Pair, Left

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



UPPER EXTREMITY PROSTHETICS

Locking Hinges

Residual Limb Activated Locking Hinge Below Elbow

HOSMER

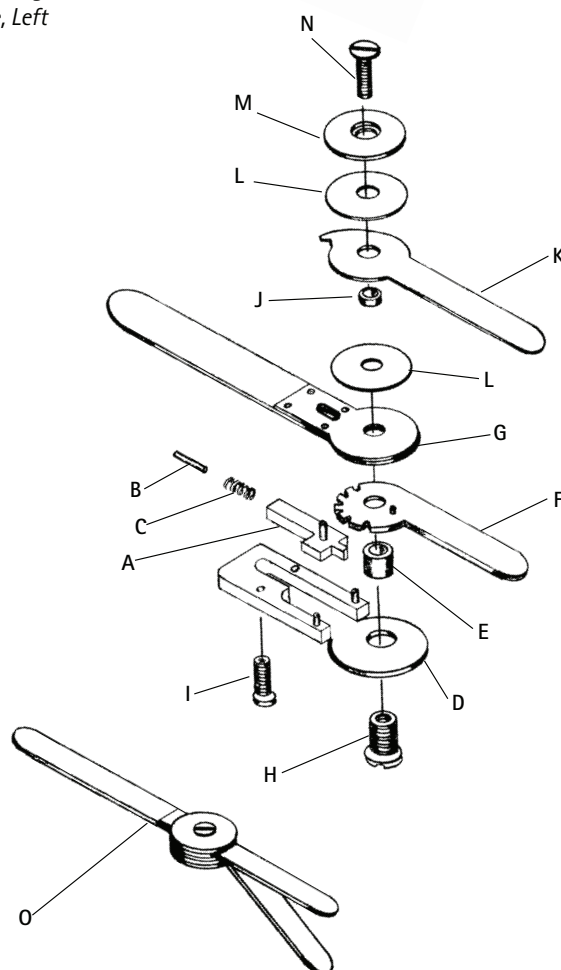
- Very short below elbow residual limb, with strength to operate a lever, cannot be fit with standard below elbow prosthesis
- Above elbow forearm lift control cable is used to position forearm
- Hinge is locked or unlocked by flexion or extension of residual limb
- With limb extended, forearm socket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



- 53886** Residual Limb Activated Hinge, E-1600R; 8.5oz, (238g), Pair, Small, Right
50900 Residual Limb Activated Hinge, E-1600L; 8.5oz (238g), Pair, Small, Left
53885 Residual Limb Activated Hinge, E-600R; 14.5oz (406g), Pair, Large, Right
50833 Residual Limb Activated Hinge, E-600L; 14.5oz (406g), Pair, Large, Left

Includes:

	SMALL	LARGE
A. Locking Bar Assembly	50910	55764
B. Pin	50876	50819
C. Spring	50875	50818
D. Case Assembly	50909	50848
E. Long Bushing	50809	50809
F. Gear Strap Assembly, <i>Right</i>	54607	53980
Gear Strap Assembly, <i>Left</i>	55710	55615
G. Upper Strap, <i>Right</i>	50904	53974
Upper Strap, <i>Left</i>	50903	50834
H. Stud Screw	50843	50843
I. Screw	50831	50962
J. Short Bushing	50811	50811
K. Cam Strap	50907	50840
L. Teflon Washer	50885	50827
M. Washer	50913	50851
N. Screw	50845	50845
O. Free Side Assembly, <i>Right</i>	54172	53876
Free Side Assembly, <i>Left</i>	50905	55779



Flail Arm Hinges

Flail Arm Hinge, Locking Spring Loaded

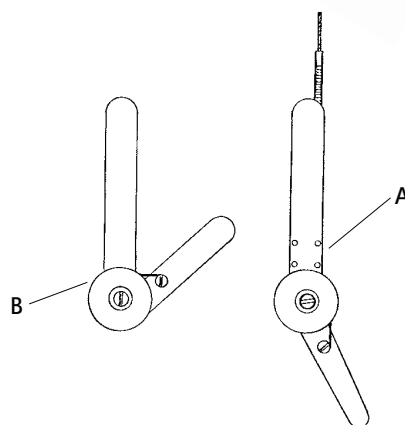
HOSMER

- 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



UPPER EXTREMITY PROSTHETICS

Flail Arm Hinges

Flail Arm Hinge, Non-Locking

HOSMER

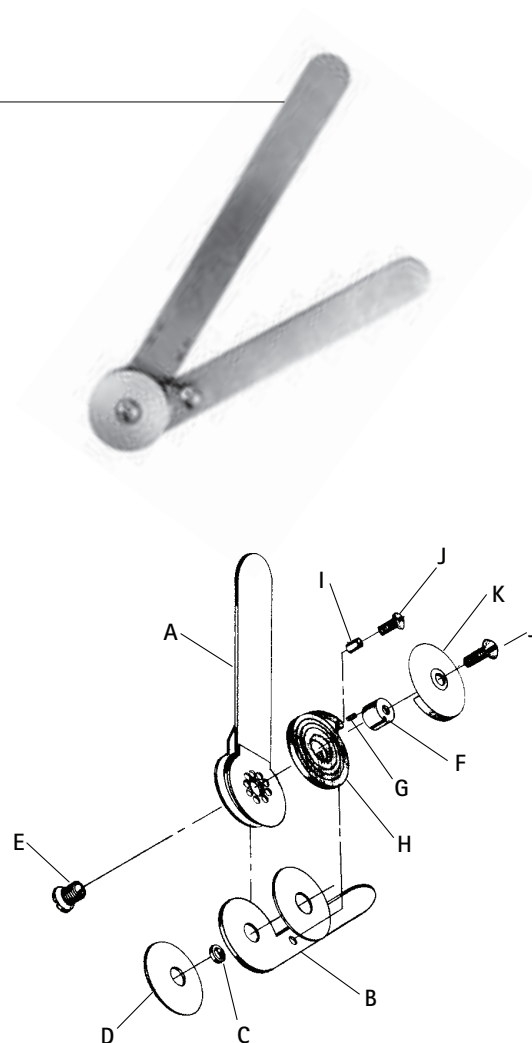
- Spring assisted lift
- Sold individually, right or left

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

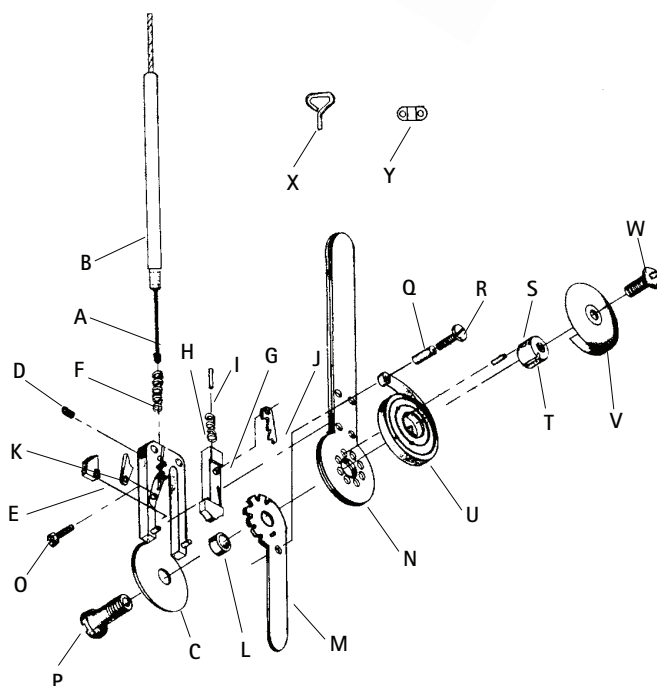


Flail Arm Hinge, Locking Adjustable Lift Assist

- Sold individually, right or left

-

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, <i>Right</i>
	53986	Gear Strap Assembly, <i>Left</i>
N.	53603	Strap, <i>Right</i>
	51002	Strap, <i>Left</i>
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



UPPER EXTREMITY PROSTHETICS

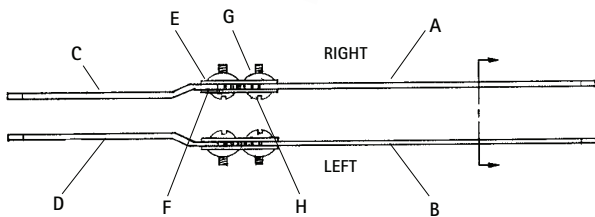
Below Elbow Hinges

Polycentric Below Elbow Hinge

- 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:	SMALL	MEDIUM	ADULT
A. Upper Strap, <i>Right</i>	51636	51642	51648
B. Upper Strap, <i>Left</i>	51636	51642	51647
C. Lower Strap, <i>Right</i>	52836	51645	51650
D. Lower Strap, <i>Left</i>	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

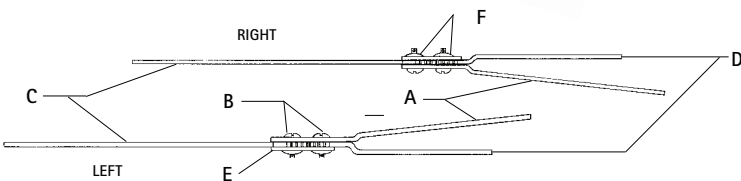


Step Up Below Elbow Hinge

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



Below Elbow Hinges

Sliding Action Step Up Hinge

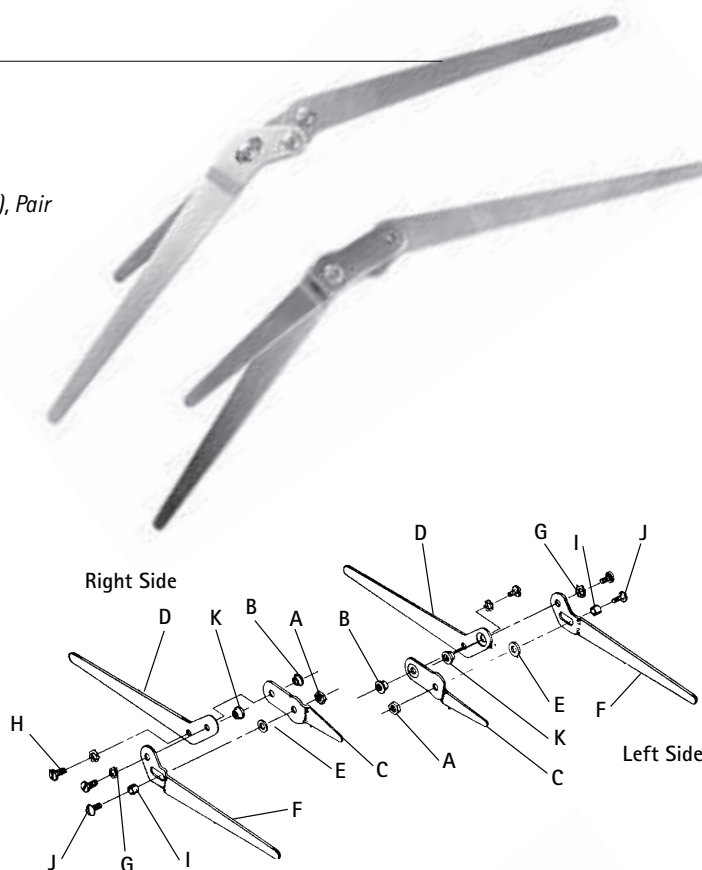
HOSMER

- 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

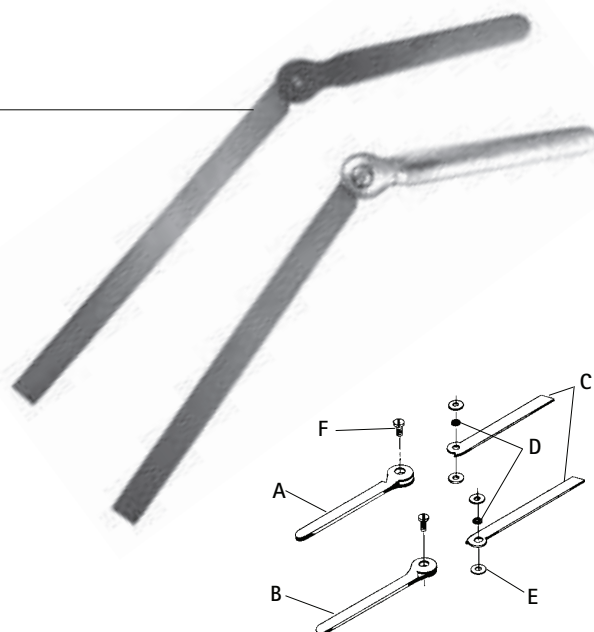
51849 Single Axis Hinge, SP-75; Upper Strap 4.5" (11.4cm), Lower Strap 4.5" (11.4cm), 4.5oz (126g), Pair, Small

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:

- | | SMALL | REGULAR | LONG |
|-----------------------|-------|---------|-------|
| 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 |



UPPER EXTREMITY PROSTHETICS

Hinge Accessories

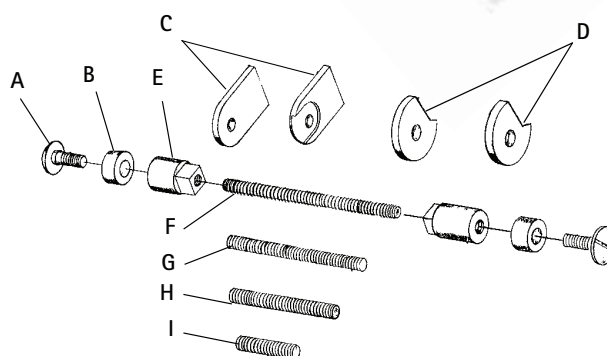
Below Elbow Hinge Spacer Kit

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. 53463 Stud
 G. 50202 Stud
 H. 50201 Stud
 I. 50200 Stud

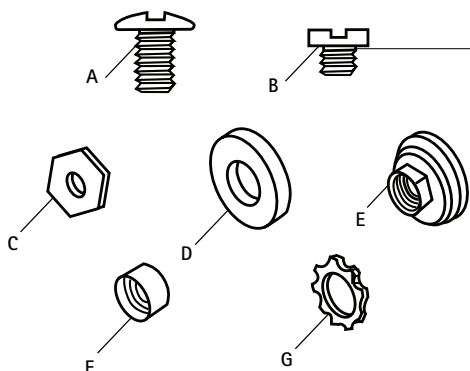


MA210 Stud Kit

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



UPPER EXTREMITY PROSTHETICS

Flexible Hinges

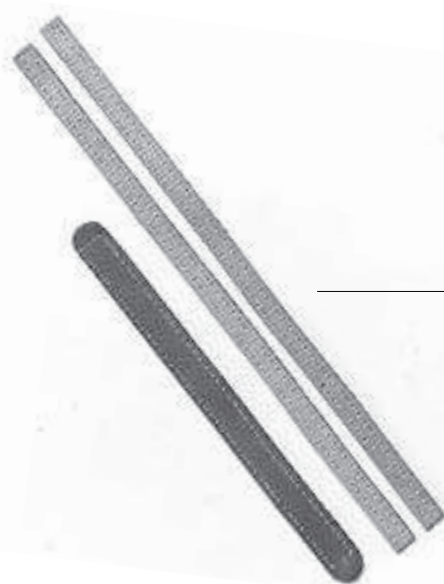
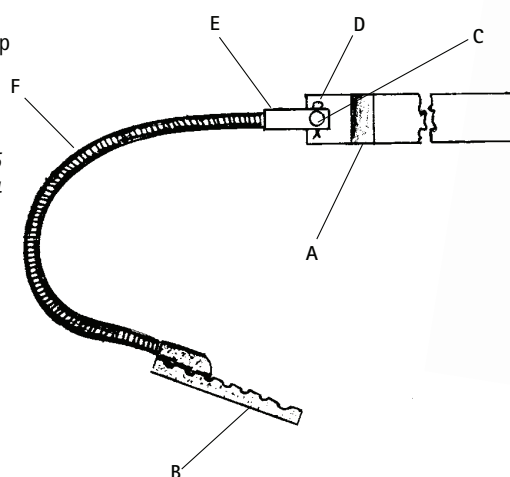
Hosmer Metal Flexible Hinges

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

UPPER EXTREMITY PROSTHETICS

Shoulder Joints

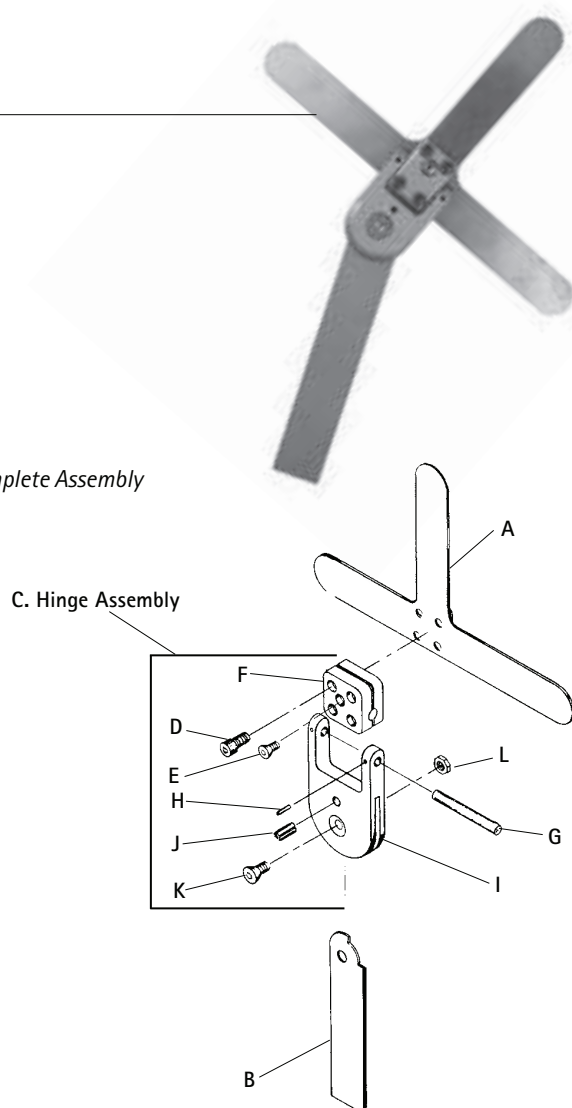
Shoulder Flexion Abduction Joint

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*



A



B

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*

UPPER EXTREMITY PROSTHETICS

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 z (156g)

51065 Extra Small Bulkhead, FS-25, 2" (5.1cm) Diameter, 3oz (85g)



Shoulder Abduction Joint

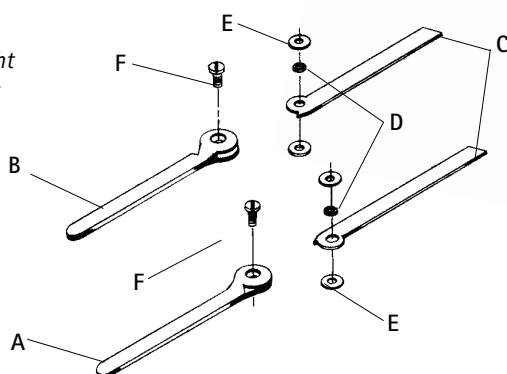
HOSMER

- 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:

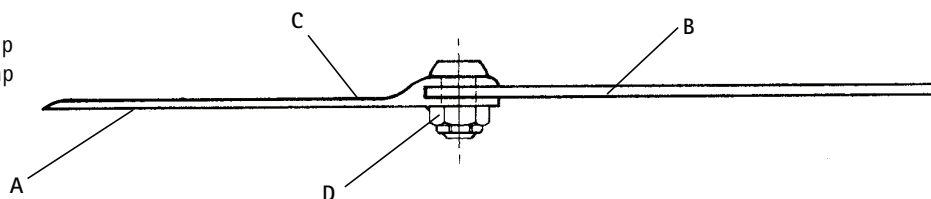
- A. 51850** Lower Strap, Right
- B. 53550** Lower Strap, Left
- C. 51851** Upper Strap
- D. 51834** Bushing
- E. 51833** Brass Washer
- F. 51835** Screw



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

Includes:

- A. 52914** Upper Strap
- B. 52859** Lower Strap
- C. 51839** Screw
- D. 50667** Lock Nut



UPPER EXTREMITY PROSTHETICS

Sierra Nudge Control

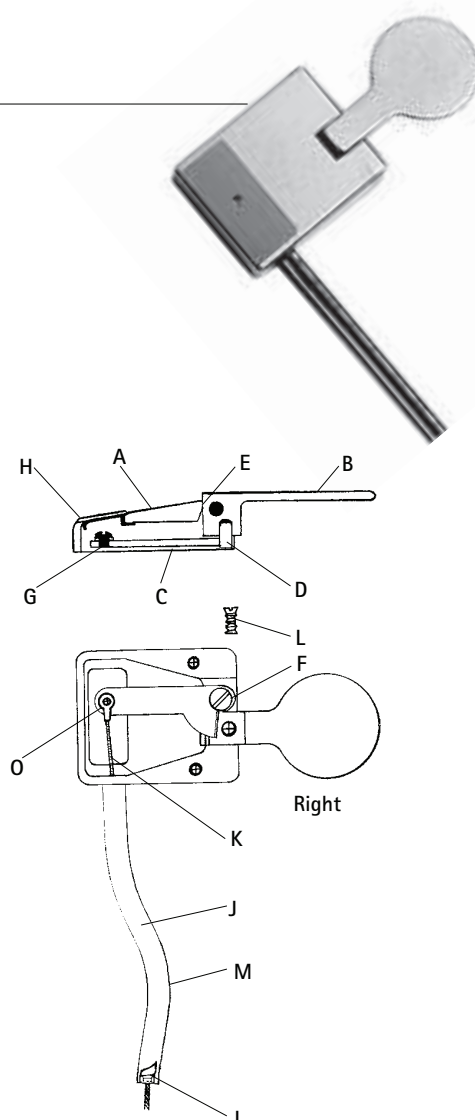
Sierra Nudge Control

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

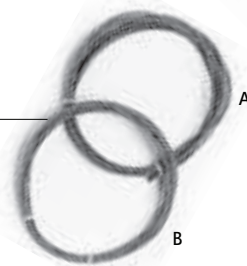
- 50321** Small 3/64" (.119cm) Diameter, C-101; 25' Roll
56858 Small 3/64" (.119cm) Diameter, C-101-101; 100' Roll
55986 Small 3/64" (.119cm) Diameter, 500' Roll
50318 Standard 1/6" (.159cm) Diameter, C-100; 25' Roll
56856 Standard 1/16" (.159cm) Diameter, C-100-100; 100' Roll
56148 Standard 1/16" (.159cm) 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

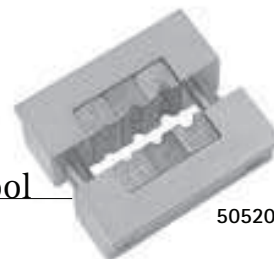


Cable Swaging Tool

HOSMER

- Requires two of same size

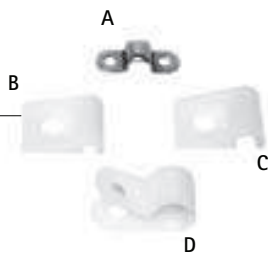
- 50520** Cable Swaging Tool
50524 Die 3/64" (.119cm), Replacement
50523 Die 1/16" (.159cm), Replacement
50522 Die 3/32" (.238cm), Replacement



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)



UPPER EXTREMITY PROSTHETICS

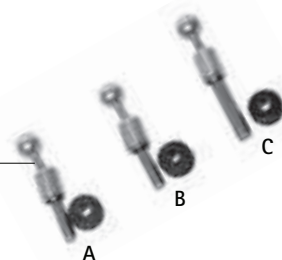
Cable Connectors

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

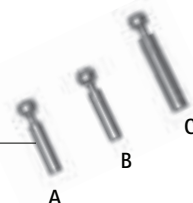


Ball Terminals 3/16"

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

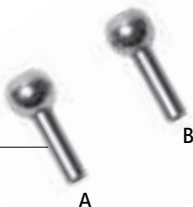


Ball Terminals 9/32"

HOSMER

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

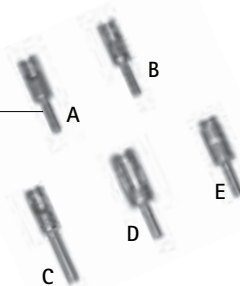
- A. **50357** Ball Terminal, for 1/16" (.159cm) Cable, C-704
 B. **50358** Ball Terminal, for 3/64" (.119cm) Cable, C-704A



Ball Receivers

HOSMER

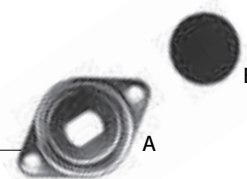
- A. **50411** 3/16" (.476cm) Receiver, for 1/16" (.159cm) Cable, C-713
 B. **50419** 3/16" (.476cm) Receiver, for 3/64" (.119cm) Cable, C-713A
 C. **50415** 3/16" (.476cm) Receiver, for 3/32" (.238cm) Cable, C-713HD
 D. **50422** 9/32" (.714cm) Receiver, for 1/16" (.159cm) Cable, C-714
 E. **57072**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



Base Plates

HOSMER

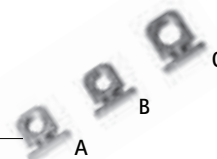
- A. **50359** Base Plate, for Retainer, C-708;
Including Rubber Disc, 50360
 B. **50360** Rubber Disc, C-708A



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



UPPER EXTREMITY PROSTHETICS

Cable Connectors

Control Cable Insulator

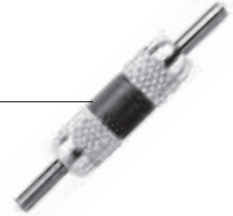
HOSMER

- 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

50423 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

Kits Include:

Swivels

Ball Terminals

Retainers

Cross Bars

Hangers

Lift Assemblies

Ferrules

Cable

Cable Housing

Cover

Base Plates

	CABLE SIZE		
	1/16" (.159CM)	3/64" (.119CM)	3/32" (.238CM)
CABLE KIT FOR 6	52644	52645	52932
CABLE KIT FOR 10	52646	52647	52933
CABLE KIT FOR 20	52648	52649	53364

UPPER EXTREMITY PROSTHETICS

Cable Hangers

Elbow Lock Cable Hanger

HOSMER

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

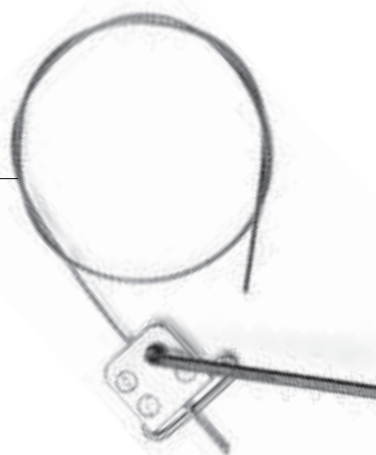


Adjustable Hanger

HOSMER

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

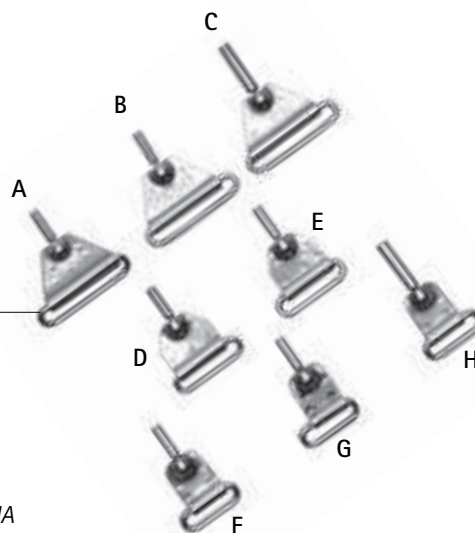
50434 Adjustable Hanger, C734



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)

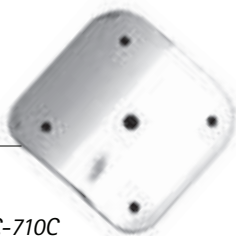


Harness Clips and Components

Anchor Plates

HOSMER

50370 Anchor Plate for All Sizes, C-710C



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



Cross Bars

HOSMER

50366 Cross Bar, Standard, C-710A

50367 Cross Bar, Heavy Duty, C-710AHD



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

UPPER EXTREMITY PROSTHETICS

Forearm Lift Assemblies

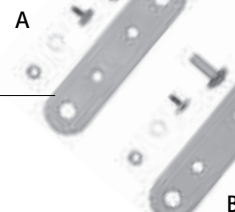
Forearm Lift Assembly

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

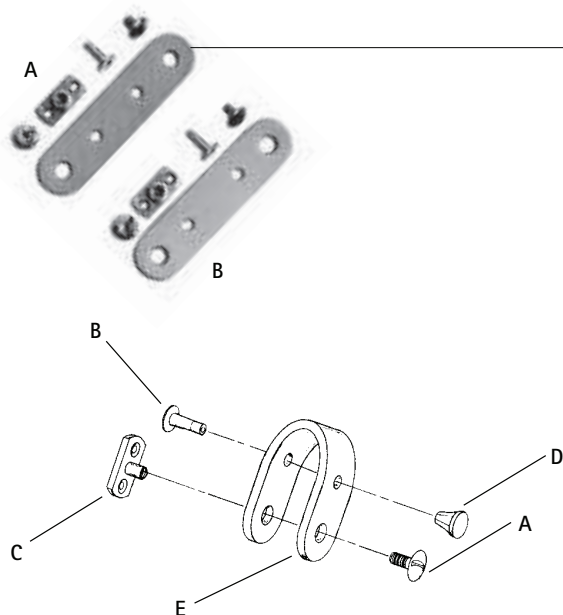
HOSMER

- 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



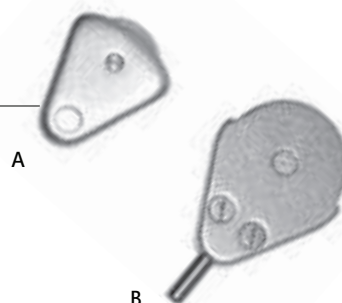
Hook to Hand Accessories

APRL Sheave (Excursion Amplifier)

HOSMER

- 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

HOSMER

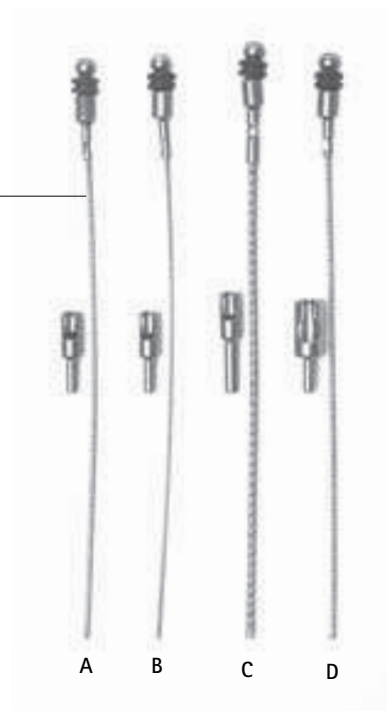
- Designed to receive 3/16" (.476cm) ball
- Mounted on forearm
- Allows interchange from hook to passive hand

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

Hook to Cable Adapter

HOSMER

- 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



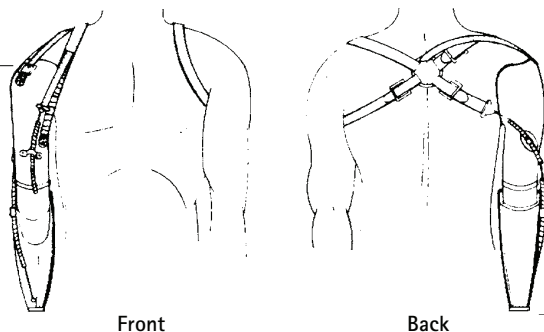
UPPER EXTREMITY PROSTHETICS

Harnesses

Northwestern Ring Harness

HOSMER

- 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

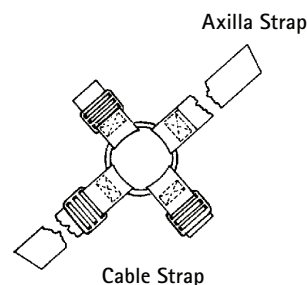


BELOW ELBOW

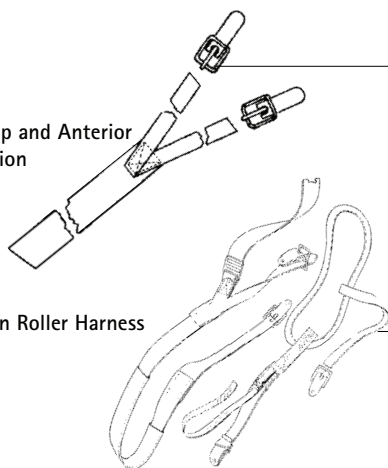
- 71787** BE Bilateral Harness, *Adult*
- 51586** BE Northwestern Ring Harness Kit, *NRH-75, 1/2" (1.3cm), Child*
- 51588** BE Northwestern Ring Harness Kit, *NRH-85, 3/4" (1.9cm), Medium-Small*
- 51600** BE Northwestern Ring Harness Kit, *NRH-100, 1" (2.5cm), Adult*

ABOVE ELBOW

- 71786** AE Bilateral Harness, *Adult*
- 51602** AE Northwestern Ring Harness Kit, *NRH-175, 1/2" (1.3cm), Child*
- 51603** AE Northwestern Ring Harness Kit, *NRH-185, 3/4" (1.9cm), Medium-Small*
- 51604** AE Northwestern Ring Harness Kit, *NRH-200, 1" (2.5cm), Adult*



"Y" Strap and Anterior
Suspension



Michigan Roller Harness

Heavy Duty Harness

HOSMER

- Heavy duty used for either AE or BE prostheses
- Fabricated with leather shoulder saddle and chest strap
- AE socket attached with leather straps and "D" rings

- 51152** Heavy Duty Harness, *HD-100R, Right*
- 51151** Heavy Duty Harness, *HD-100L, Left*

Michigan Roller Harness

HOSMER

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

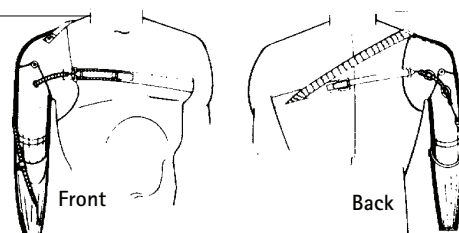
- 53904** Michigan Roller Harness, *MRH-100R, Right*
- 51514** Michigan Roller Harness, *MRH-100L, Left*

Shoulder Disarticulation Prosthesis Harness

HOSMER

- Conventional chest strap harness
- Chest expansion generates cable excursion which operates terminal device or elbow lock

- 51842** Shoulder Disarticulation Harness, *SDH-200*



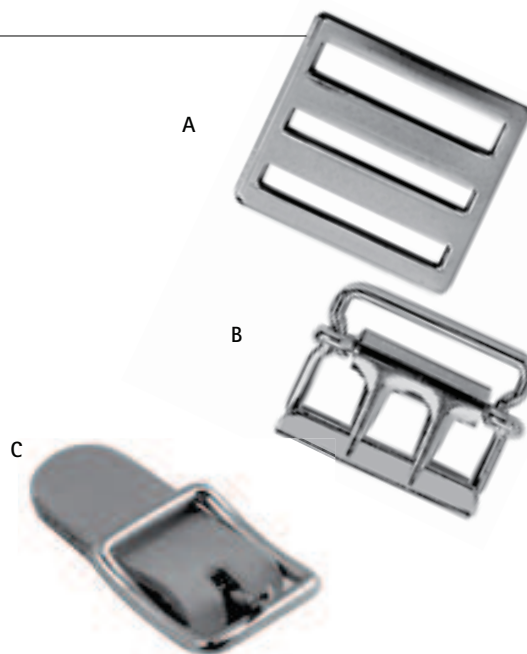
Harness Accessories

Buckles

HOSMER

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

- A. **51026** Four Bar Buckle, *FBB-75*; 1/2" (.127cm)
51027 Four Bar Buckle, *FBB-85*; 3/4" (1.91cm)
51028 Four Bar Buckle, *FBB-100*; 1" (2.54cm)
 B. **54884** Safety Buckle, 1/2" (.127cm)
70178 Safety Buckle, 1" (2.54cm)
 C. **70394** Buckle, with *Billet*, 1/2"

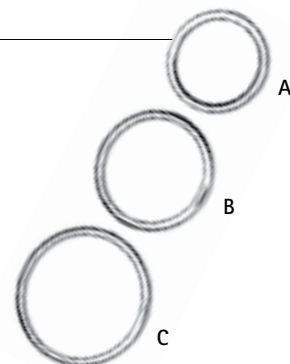


Northwestern Harness Rings

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)

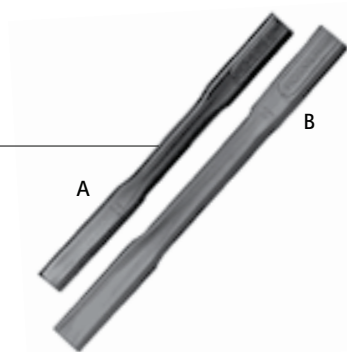


Axilla Loop Pads

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*



UPPER EXTREMITY PROSTHETICS

BE Prostheses Cuffs

Triceps Pads and Biceps Cuffs

HOSMER

- 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

- 58339** Triceps Pad, *BEC-120, Child*
58338 Triceps Pad, *BEC-140, Medium-Small*
50185 Triceps Pad, *BEC-160, Adult*
58337 Triceps Pad, *Custom Made, BEC-100*
56231 Triceps Pad Only

- 58341** Biceps Half Cuff, *BEC-220, Child*
58342 Biceps Half Cuff, *BEC-240, Medium-Small*
58343 Biceps Half Cuff, *BEC-260, Adult*
58340 Biceps Half Cuff, *Custom Made*

- 58346** Biceps Full Cuff, *BEC-320, Child*
58345 Biceps Full Cuff, *BEC-340, Medium-Small*
58344 Biceps Full Cuff, *BEC-360, Adult*
50191 Biceps Full Cuff, *Custom Made*



Bulk Cuff Material

HOSMER

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

51464 Laminated Plastic Material, *LPM-100, (Specify Color)*

Molded Cuffs

HOSMER

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

58347 Molded Full Cuff, *BEC-400*

Cineplasty Kit

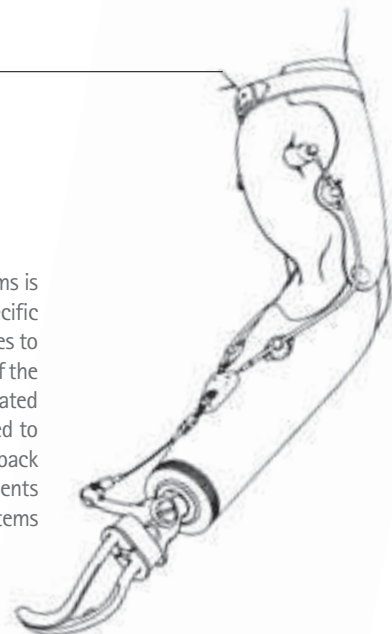
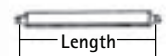
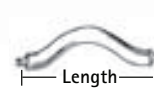
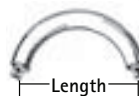
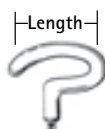
HOSMER

- 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.

- 50333** Pectoral Pin, *Single Ended*
50334 Dorseshoe Biceps Pin
50336 Oxbow Biceps Pin
50337 Straight Biceps Pin
54206 Cineplasty Kit, *Does Not Include Pin*
50339 Safety Capsule
50342 Yoke Assembly

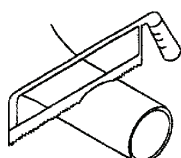
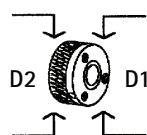
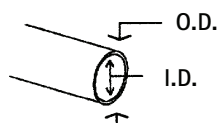
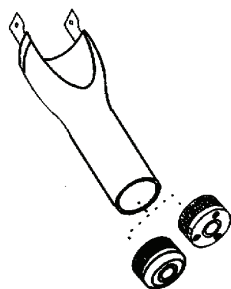


Prefabricated Forearms

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



COMPONENTS: SOLD SEPARATELY				
SIZE	SMALL	MEDIUM	LARGE	LARGE (50MM)
FOREARMS - FOREARM, CAUCASIAN - FOREARM, LIGHT BROWN - FOREARM, DARK BROWN	57941 57546 57549	57940 57545 57548	57939 57544 57547	57509 57510 57511
ELBOWS, WITHOUT SADDLES - ELBOW, STANDARD - ELBOW, FRICTION	54446 54449	54445 54448	54444 54447	54444 54447
WRISTS - WE-500N STYLE - WE-500 STYLE	57932 N/A	57938 N/A	57935 57062	50MM BOCK WRIST

SETUPS: ASSEMBLED WITH FOREARM AND ELBOW; ORDER WRIST SEPARATELY				
SETUP ELBOW TYPE	SMALL E-50	MEDIUM E-200	LARGE E-400	LARGE (50MM) E-400
FOREARM WITH ELBOW - FOREARM, CAUCASIAN - FOREARM, LIGHT BROWN - FOREARM, DARK BROWN	57540 57505 57508	57541 57504 57507	57542 57503 57506	57512 57513 57514
WRISTS - WE-500N STYLE - WE-500 STYLE	57932 N/A	57938 N/A	57935 N/A	50MM BOCK WRIST

NOTE: Forearm may be cut to length

UPPER EXTREMITY PROSTHETICS

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

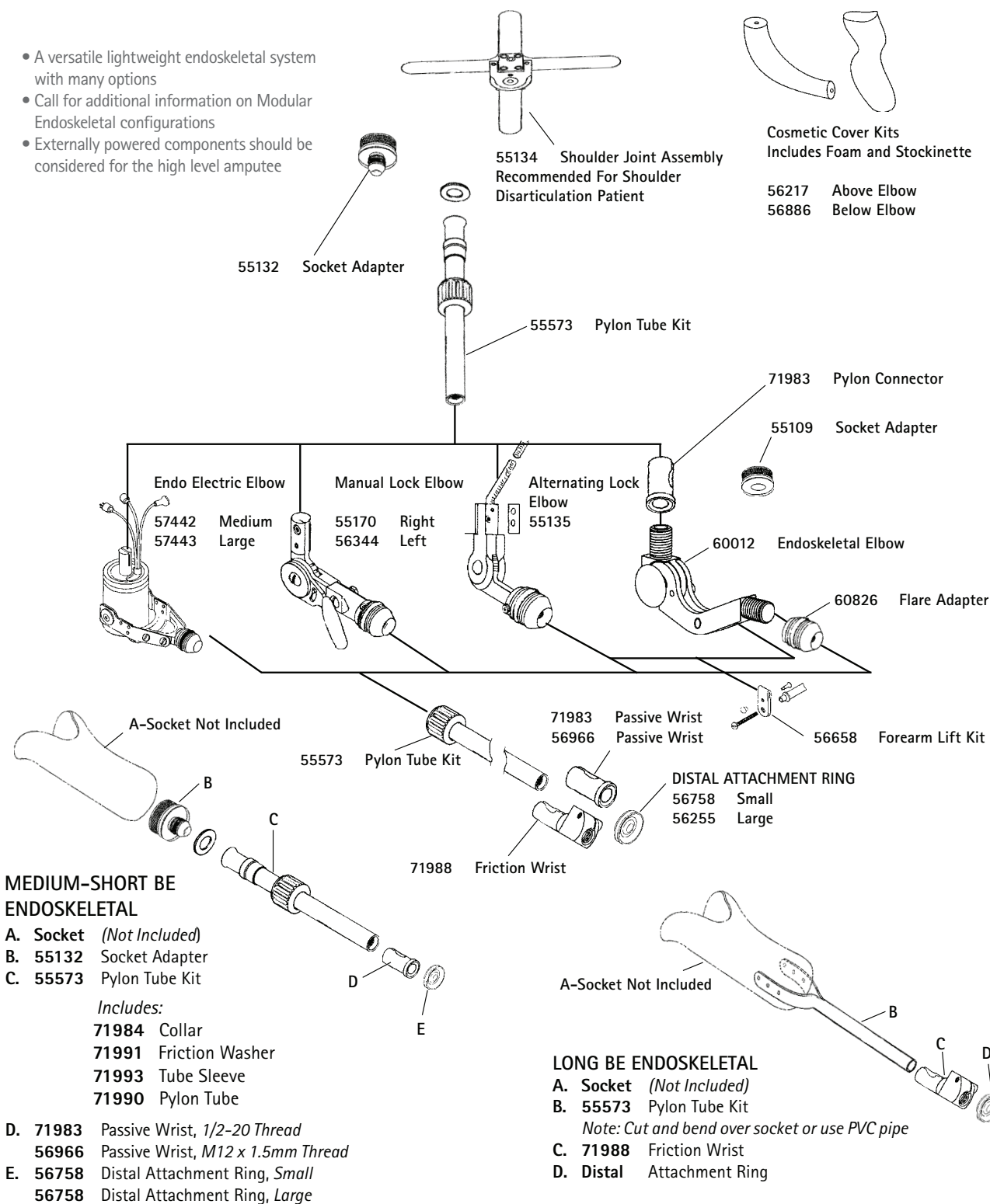
Tracings are required for the following:

- Shoulder Disarticulation
- Interscapular Thoracic
- Detail Required:
 - a) Thoracic Mid-Line
 - b) Alignment Lines
 - c) Joint Center
 - d) Lengths and Circumferences

UPPER EXTREMITY PROSTHETICS

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

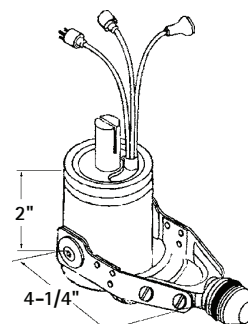


UPPER EXTREMITY PROSTHETICS

Modular Endoskeletal System

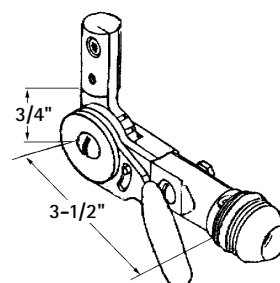
Endoskeletal Electric Elbow

HOSMER

57442 Endoskeletal Electric Elbow, *Medium*57443 Endoskeletal Electric Elbow, *Large*

Manual Lock Elbow

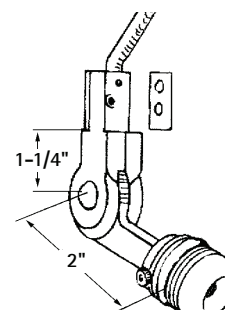
HOSMER

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

Alternating Lock Elbow

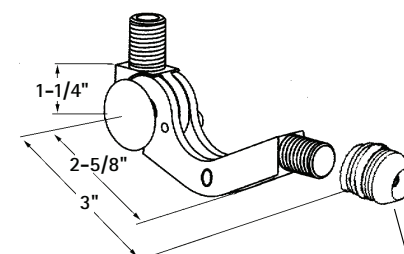
HOSMER

55135 Alternating Lock Elbow



Endoskeletal Elbow

HOSMER

60012 Endoskeletal Locking Elbow,
8 Locking PositionsFlare 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

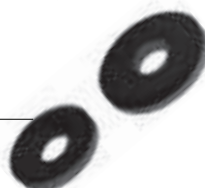

Friction Wrist

HOSMER

71988 Friction Wrist


Distal Attachment Rings

HOSMER

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


Socket Adapter

HOSMER

55132 Socket Adapter

59724 O-Ring


Socket Adapter

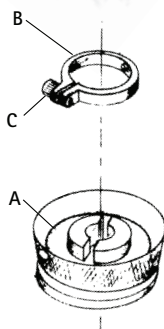
HOSMER

- 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*)



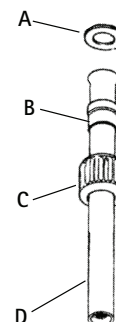
Pylon Tube Kit

HOSMER

55573 Pylon Tube Kit

Includes:

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



UPPER EXTREMITY PROSTHETICS

Modular Endoskeletal System

Shoulder Joint

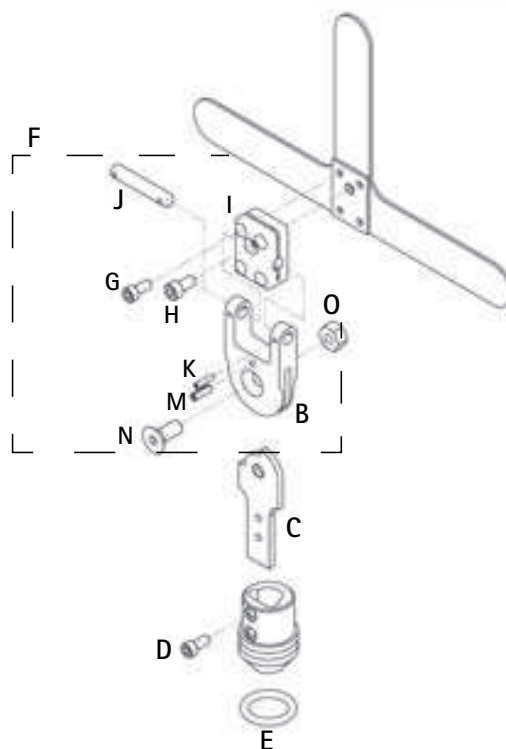
HOSMER

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

Externally Powered Systems

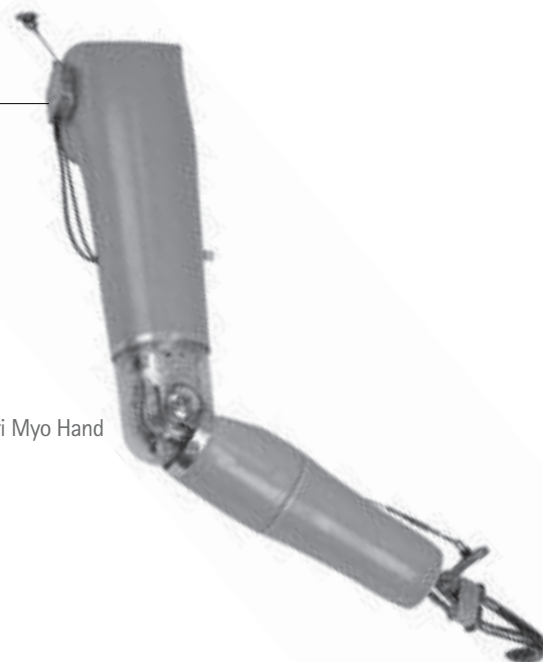
NY Electric Elbow

HOSMER

- 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 NY Prehension Actuator, Michigan Child Electric Hook and the Centri Myo Hand
- Myoelectric or switch controlled
- Free swing at full extension
- Lightweight; extremely quiet
- Low maintenance
- Rechargeable NiMH or Lithium-Ion batteries operate elbow for a full day



NY Electric Elbow, Exoskeletal

- 57431** Exoskeletal Electric Elbow, *Medium, Free Swing*
57432 Exoskeletal Electric Elbow, *Large, Free Swing*
62566 Exoskeletal Electric Elbow, *Medium, For Use with Centri Myo System*
62567 Exoskeletal Electric Elbow, *Large, For Use with Centri Myo System*



NY Electric Elbow, Endoskeletal

- 57442** Endoskeletal Electric Elbow, *Medium, Free Swing*
57443 Endoskeletal Electric Elbow, *Large, Free Swing*

UPPER EXTREMITY PROSTHETICS

Externally Powered Systems

Control Systems

HOSMER

SWITCH CONTROLS FOR NY ELECTRIC ELBOWS

- 57412** Two Position Pull Switch, *NY*
71987 Two Position Two Button Push Switch, *OCCC*
56277 Two Position Two Button Push Switch, *NY*
71977 Three Function Pull Switch, *NY (Not Shown)*
58243 Switch, *On/Off Push Pad*

MODULAR BATTERY PACK

Batteries Included

- 56891** 5V, *Remote Battery Pack*
56356 5V, *Remote Battery Pack, Dual-In-Line*
54729 5V, *Battery Pack in Pouch*
56776 6V, *Endoskeletal Battery Pack*
61859 7.2V, *Li-Ion Battery Pack (1900watt) 2.7" x 1.5" x 0.8"*

BATTERY CHARGERS

- 54726** 5V Battery Charger, *115V*
56993 5V or 6V Battery Charger, *115V*
71617 5V or 6V Battery Charger, *220V (For International Use)*
60949 Timer for Battery Charger
61858 7.2V, *Li-Ion Battery Charger*

OPTIONAL

Please Call Customer Service For Information

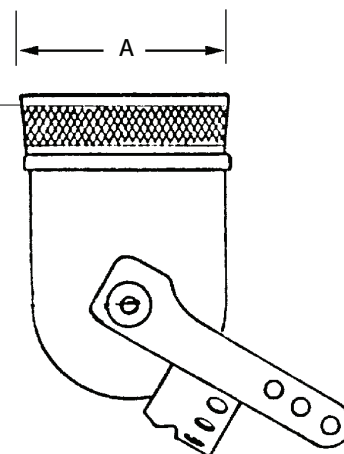
- 58200** Myo Analyzer Kit
57818 Laminating Form for EMG Electrode
57820 Laminating Form for Ground Electrode
57816 Electrode Button, *Low Profile, .09" High*
57815 Electrode Button, *Medium Profile, .19" High*
57814 Electrode Button, *High Profile, .28" High*
57433 Retrofit Electric Elbow with Free Swing

Externally Powered Systems

NY Electric Elbow Specifications

HOSMER

ELBOW TORQUE UNDER FOREARM LOAD	LIFT TIME (FLEXION) 5° - 135°	CURRENT	FREE FOREARM SWING
0 IN - LBS	1.3 SECONDS	.36 AMPS	
15 IN - LBS	2.3 SECONDS	1.1 AMPS	
28 IN - LBS	4.9 SECONDS	1.7 AMPS	5° - 135°
30 IN - LBS	STALL	2.0 AMPS	
BREAK AWAY CLUTCH 18-20 FT-LBS	OVERLOAD	0	



POWER REQUIREMENTS:

Type: AA NiMH battery cell, 1.3 volts each at 1200mAh. Alkaline batteries can be used for temporary operation but should never be recharged.

Voltage: 5.2 volts = 4 batteries

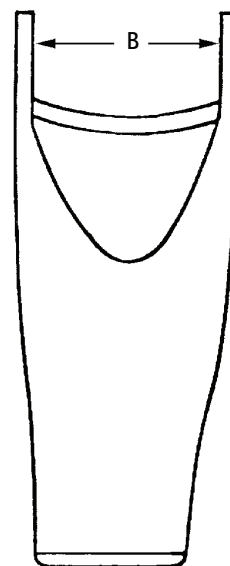
6.5 volts = 5 batteries

7.2 volts = New 7.2 Li-Ion battery pack

Charging Rate for AA NIMH Batteries: Full charge rate of 120mA for ten hours. Charging batteries can be easily done using the charging jack without removing batteries from prosthesis.

Lithium Ion Battery Charge Time: Approximately six hours

CHARGER: USE ONLY HOSMER RECOMMENDED CHARGERS WITH THESE POWER PACKS. 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), 15.5oz (439g); large elbow (E-400 size), 16oz (453g)
- 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)

UPPER EXTREMITY PROSTHETICS

Externally Powered Systems

NY Prehension Actuator (P.A.)

HOSMER

- 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



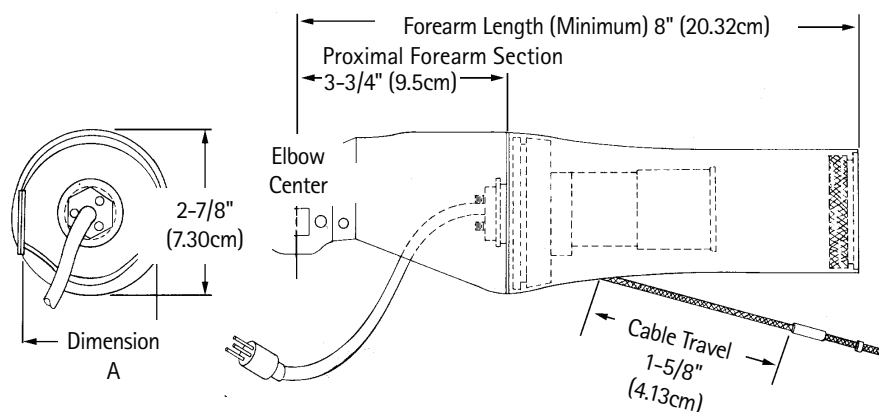
FEATURES:

- 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 AA NiMH 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

	Dimension A
NY Elbow, Medium	2.25" (5.72cm)
NY Elbow, Large	2.38" (6.05cm)
E-200 Elbow, Medium	2.12" (5.38cm)
E-400 Elbow, Large	2.38" (6.05cm)

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



PREHENSION ACTUATOR PRODUCT NO.	ELBOW SIZE	WRIST DIAMETER
59165	MEDIUM: E-200	2" (5.08CM)
59166	MEDIUM: E-200	1-3/4" (4.45CM)
59167	MEDIUM: NY ELECTRIC	2" (5.08CM)
59168	MEDIUM: NY ELECTRIC	1-3/4" (4.45CM)
59163	LARGE: NY ELECTRIC OR E-400	2" (5.08CM)
59164	LARGE: NY ELECTRIC OR E-400	1-3/4" (4.45CM)
59319	E-500 OR E-5500 ELBOW DISARTICULATION FOREARM	CUSTOM ORDER

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

UPPER EXTREMITY PROSTHETICS

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



Modular Battery Packs and Chargers

HOSMER

Batteries Included:

- 56891** 5V Remote Battery Pack
- 56356** 5V Remote Battery Pack, *Dual-In-Line*
- 54729** 5V Battery Pack in Pouch
- 56776** 6V Endoskeletal Battery Pack
- 58058** 9V Battery, (Requires Wiring Harness 56876)
- 61583** 7.2V, *Li-Ion* Battery Pack (1900 watt) 2.7" x 1.5" x 0.8"

Battery Chargers

- 54726** 5V Battery Charger, 115V (Standard)
- 56993** 5V or 6V Battery Charger, 115V
- 71617** 5V or 6V Battery Charger, 220V (For International Use)
- 57823** 9V Battery Charger
- 60949** Timer For Battery Charger
- 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
- Power Supply: AA NiMH rechargeable or new 7.2V Li-Ion batteries
- 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

UPPER EXTREMITY PROSTHETICS

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 NY Electric Elbow
- Utilizes nitrile rubber or plastisol covered hooks

MICHIGAN ELECTRIC HOOK WITH NITRILE RUBBER LINED FINGERS

70790 Michigan Electric Hook, 10X Right**70792** Michigan Electric Hook, 10X Left

MICHIGAN ELECTRIC HOOK WITH PLASTISOL COVERED FINGERS

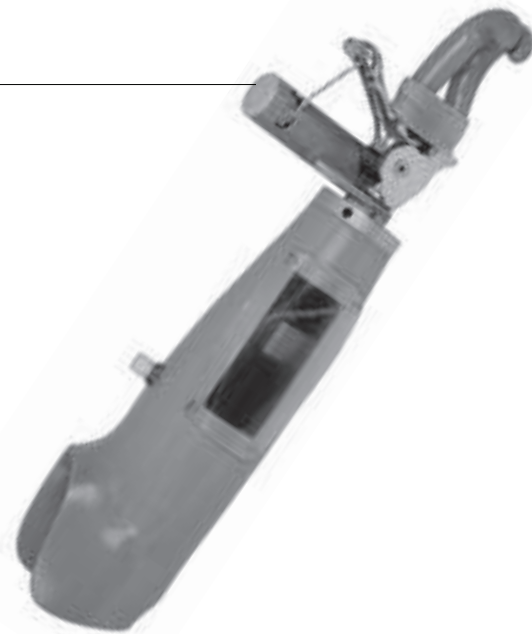
70791 Michigan Electric Hook, 10P Right**70793** Michigan Electric Hook, 10P Left

MYOELECTRIC CONTROL PACKAGE

57791 Myoelectric Control Kit*Includes: Processor, 1 EMG Electrode, Ground Electrode, Medium Buttons, and Jumper Connector*

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: AA NiMH rechargeable or New 7.2V Li-Ion batteries
- 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*



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, *NY Two Functions,
Extension and Flexion, Externally Mounted*
- 57412** Two Function Pull Switch, *NY Operates Extension and Flexion From
Conventional 1/2" Harness Attachment*
- 71977** 3 Function Pull Switch, *NY 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 prosthetist to customize an electric system and interchange controls for best possible application

UPPER EXTREMITY PROSTHETICS

Power Supplies and Chargers



5V Battery Pack with Batteries

HOSMER

- Most commonly used for cosmetic build-ups when space is not available within socket walls

54729 5V Battery Pack with Batteries, Case Pouch (4 AA NiMH Batteries)

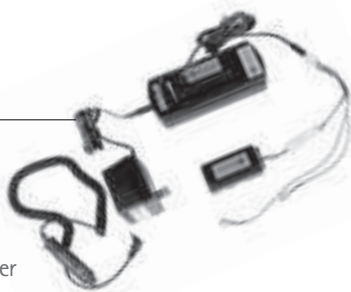


Dual-in-Line 5V Remote Battery Pack

HOSMER

- Long, narrow configuration of battery pack allows placement within socket walls when space above elbow turntable is not sufficient

56356 5V Remote Battery Pack, Dual-in-Line (4 AA NiMH Batteries)



Li-Ion Power System Battery

HOSMER

- Small size, ideal for mounting pack distal to socket or directly above elbow turntable
- Includes charger, AC + DC adapter and battery
- Battery size 2.7" x 1.5" x 0.8"

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

POWER SUPPLIES/CHARGERS FOR SWITCH OR MYOELECTRIC SYSTEMS

- Commonly available rechargeable Nickel Metal Hydride batteries power a device for a full day under normal operating conditions
- Nickel Metal Hydride (NiMH) batteries are environmentally safe

Note:

1. Alkaline batteries can be substituted temporarily when normal recharging is not possible
2. Centri power supplies may be an option



5V Remote Battery Pack

HOSMER

- Small size, ideal for mounting pack distal to socket or directly above elbow turntable

56891 5V Remote Battery Pack, (4 AA NiMH Batteries)



6V Modular Battery Pack

HOSMER

- Because of circular design, battery pack is easily placed and supported on modular pylon

56776 6V Modular Battery Pack, Endoskeletal (5 AA NiMH Batteries)

Replacement Batteries

HOSMER

- 54737** Battery, 1.25V Rechargeable NiMH, For Use In 5V or 6V Battery Packs
- 58058** Battery, 9V Rechargeable Ni-Cad, For Use with Synergetic Prehensor
- 61584** Battery, 7.2V Li-Ion, For Use with NY Electric Elbow

Battery Chargers

HOSMER

- 54726** 5V Battery Charger, 115V, Designed for Hosmer 5V Modular Battery Pack
- 56993** 6V Battery Charger, 115V, Designed for Hosmer 6V Modular Battery Pack
- 71617** 5V or 6V Battery Charger, 220V, For International Use, or where 220 Voltage is Customary
- 57823** 9V Battery Charger, 115V, Specifically Designed for the NU-VA Synergetic Prehensor
- 61585** 7.2 Li-Ion Battery Charger, Specifically Designed for the Li-Ion Power System
- 60949** Timer for Battery Charger

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*

58247 On/Off Push Button Switch Cable Assembly

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*

54737 Battery, *1.25v Rechargeable Ni-Cad*

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*

57820 Laminating Form, *Ground Electrode*

UPPER EXTREMITY PROSTHETICS

Electric Hand Accessories

Inner Shell for Electric Hands

CENTRI

- Shells not required for sizes 6-3/4 and 7-1/4 hands

610734009 Inner Cosmetic Shell for Centri Electric Hand,
7-3/4 Male Adult, 6V, Left

610734010 Inner Cosmetic Shell for Centri Electric Hand,
7-3/4 Male Adult, 6V, Right



Quick Change Wrist

CENTRI

- Possible to rotate almost 360 degrees
- Adjustable rotation friction

610000000 Quick Change Wrist, with Rotation for O.B. Battery,
Includes Cable with Connector for Otto Bock Battery,
and Cable with Connector for Centri Control Unit

610000001 Quick Change Wrist, with Rotation for Centri Battery,
Includes Cable with Connector for Centri Battery,
and Cable with Connector for Centri Control Unit

610000002 Quick Change Wrist Dummy, for Lamination



Battery-External

CENTRI

- Built in safety protection and auto fuse

610000015 6V Battery NiMH 500 mAh

610000016 Battery Case for 6V Battery

610000018 Dummy for Battery Case

610000019 Battery charger 110-240V for NiMH Battery



Cable for Control Unit

CENTRI

- 30cm/1ft Length

610000013 Cable, for Control Unit, Connects to Centri Electrode

610000014 Cable, for Control Unit, Connects to Otto Bock Electrode



Control Unit

CENTRI

- Micro-controller control unit
- Proportional
- Measure background noise and adapt signal level to environment
- Power input 6-9 volts, input signal 0-5 volts
- Works with Centri or Otto Bock Electrodes and Centri Touch Pads

610000012 Control Unit for Centri Electric Hand



Centri Electrode

CENTRI

- Proportional
- 50 and 60 Hz frequency options allow use in many countries
- 5-8.5 supply voltage
- 2mA supply current
- 0.3V to 4.6V output voltage
- 50000ggr to 150000ggr gain

610000010 Centri Electrode, Proportional, Includes Arm, 3pcs

610000009 Arm for Centri Electrode

610000011 Dummy Centri Electrode



Battery-Internal

CENTRI

610000020 Battery Li-Ion 7.4V 1000 mAh

610000023 Battery Charger 110-240V for Li-Ion

610000022 Charge Plug for Li-Ion Battery

610000021 Sensor for Li-Ion Battery

Electric Hand Accessories

Withdraw Tool

CENTRI



631000026 Withdraw Tool, 3 and 6 Pol Plug

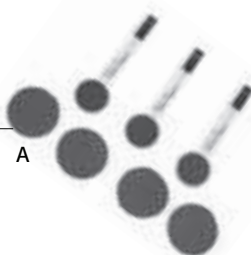
On/Off Switch

CENTRI

610000024 On/Off Switch

Touch Pads and Cable

CENTRI



A



B

A. 631000004 Touch Pads Kit, 3 Pieces

B. 631000005 Touch Pads Cable, 1 Piece

Travel Battery Charger for Li-Ion Battery

CENTRI

- Li-Ion battery packs
- Microcontroller for charging
- Battery test phase begins each cycle to detect damaged battery
- Turns off when damaged battery detected
- Short circuit detection
- Electronic protection against reversed battery
- Button for discharging automatically followed by charging
- Operation on mains: 100-240V, 50-60Hz
- Adapters for USA, Australia, UK, and Northern Europe
- Operation in car: 12-24V



610000023 Mobil Battery Charger

Travel Battery Charger for NiMH Battery

CENTRI

- NiMH battery packs
- Microcontroller for charging
- Battery test phase begins each cycle to detect damaged battery
- Turns off when damaged battery detected
- Short circuit detection
- Electronic protection against reversed battery
- Button for discharging automatically followed by charging
- Operation on mains: 100-240V, 50-60Hz
- Adapters for USA, Australia, UK, and Northern Europe
- Operation in car: 12-24V



610000019 Mobil Battery Charger

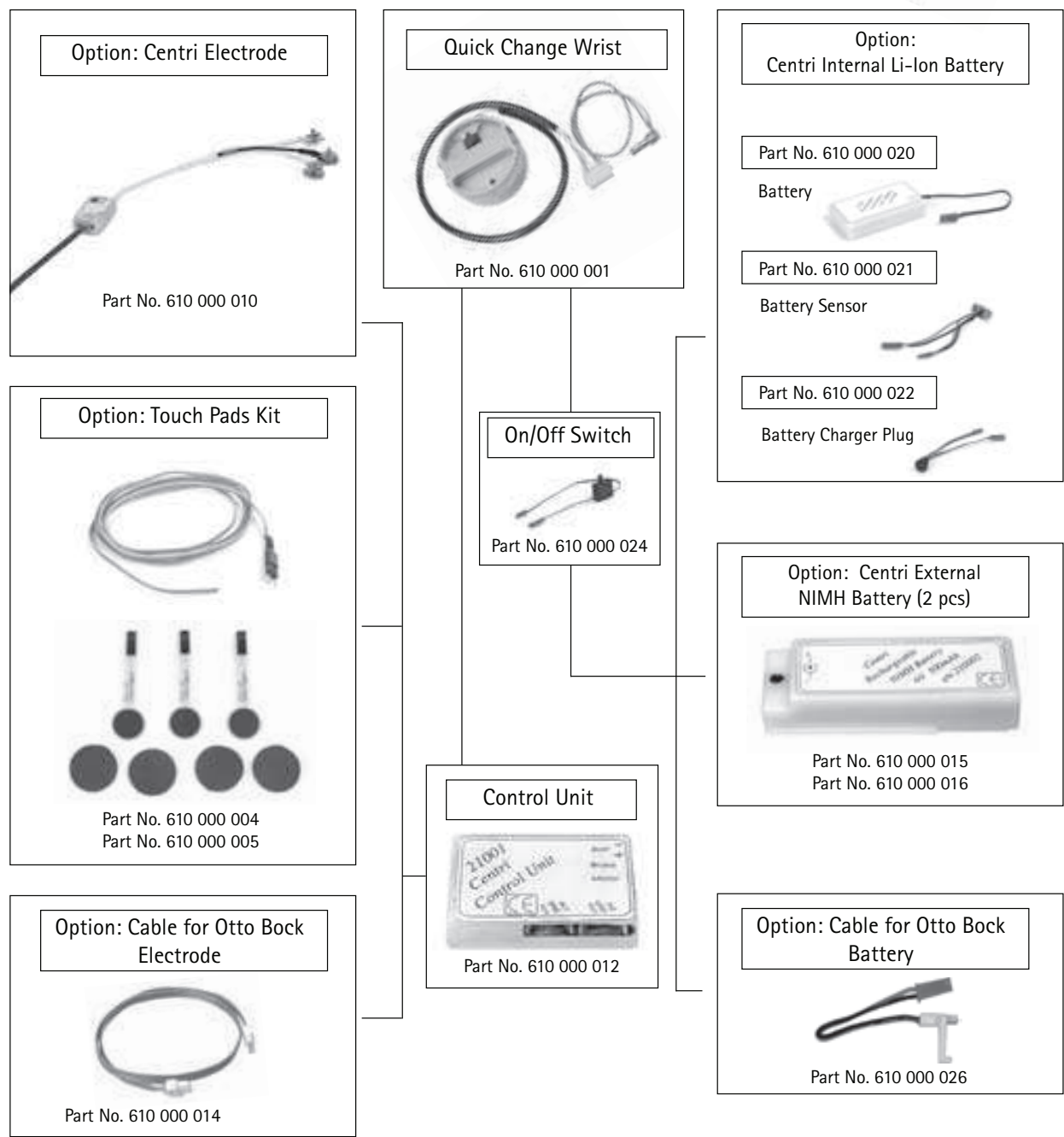
Note: Li-Ion and NiMH batteries use DIFFERENT chargers

UPPER EXTREMITY PROSTHETICS

Ordering Guide for Centri MYO Hand

Ordering Guide for Centri MYO Electric Hand

CENTRI



Option: Centri Internal Li-Ion Battery

Part No. 610 000 020

Battery

Part No. 610 000 021

Battery Sensor

Part No. 610 000 022

Battery Charger Plug

Option: Centri External NIMH Battery (2 pcs)

Part No. 610 000 015
Part No. 610 000 016

Option: Cable for Otto Bock Battery

Part No. 610 000 026

Hand Accessories

Hand Plate

CENTRI

HAND PLATE WITH LONG STEM

- 621050401** Hand Plate, with Long Stem, 40mm Diameter, M12x1.5
621050402 Hand Plate, with Long Stem, 40mm Diameter, 1/2-20
621050403 Hand Plate, with Long Stem, 40mm Diameter, Unthreaded

- 621050501** Hand Plate, with Long Stem, 50mm Diameter, M12x1.5
621050502 Hand Plate, with Long Stem, 50mm Diameter, 1/2-20
621050503 Hand Plate, with Long Stem, 50mm Diameter, Unthreaded

HAND PLATE WITH SHORT STEM

- 621050404** Hand Plate, with Short Stem, 40mm Diameter, M12x1.5
621050405 Hand Plate, with Short Stem, 40mm Diameter, 1/2-20
621050406 Hand Plate, with Short Stem, 40mm Diameter, Unthreaded

- 621050504** Hand Plate, with Short Stem, 50mm Diameter, M12x1.5
621050505 Hand Plate, with Short Stem, 50mm Diameter, 1/2-20
621050506 Hand Plate, with Short Stem, 50mm Diameter, Unthreaded



long stem



short stem

Wrist Socket with Ball Lock

CENTRI

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

- 631060100** Wrist Socket, with Ball Lock, 60mm Diameter for Long Stem
631060200 Wrist Socket, with Ball Lock, 60mm Diameter for Short Stem
631040100 Wrist Socket, with Ball Lock, 40mm Diameter for Long Stem

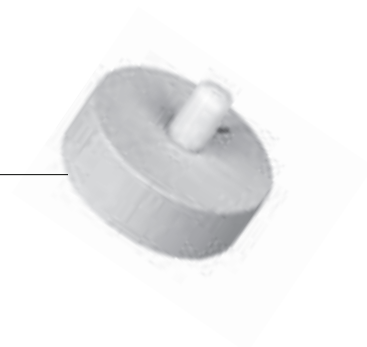


UPPER EXTREMITY PROSTHETICS

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

