Upper Limb Prosthetic Products

steeper USA
Creating life's turning points, together

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Upper Limb Prosthetic Solutions.

Our founder, Hugh Steeper, was a pioneer in the field of prosthetics; paving the way for innovations that would change the lives of veterans of the Great War. Today, the Steeper name continues to create positive turning points for patients and clinicians in need of ever more inventive prosthetic solutions.

Pioneers in upper limb prosthetics

Welcome to the latest edition of our upper limb prosthetic solutions catalogue. With almost 100 years of experience in the field of upper limb prosthetics, our aim is to develop the most innovative and functional products that recapture independence and transform lives.

We provide a comprehensive and diverse range of upper limb prosthetic solutions for all ages and requirements, including several brand new products that incorporate the very latest technology.

From state-of-the-art externally powered systems to durable and functional body-powered systems, we offer solutions to suit any person and every challenge. Complete lightweight cosmetic systems are also available, including an extensive range of full-length cosmetic gloves, in PVC and silicone and our HD custom silicone range.

We are committed to delivering the greatest knowledge, the finest service and the highest quality.

Catalogue guide

Using this catalogue, you may notice some differences in ordering methods due to the breadth of our range. These are outlined on each product page, however please contact our friendly Customer Services team or a Steeper Product Manager for assistance should you require. All order forms and limb build guides are located at the front of this catalogue.

Ordering and Delivery Information

How to order
Steeper accepts orders by the following methods:

- By telephone UK +44 (0) 870 240 4133 By telephone USA 210 481 4126
- By fax UK 0113 272 5689
- By email SteeperUSA - sales@steeperusa.com UK /Rest of world - customerservices@steepergroup.com

Delivery options
Steeper offer the following delivery options, however some options are not available to all locations and non-standard options will incur additional cost. Please discuss your requirements with our customer services team.

- First class post
- Next working day up to 5.00 pm
- Next working day before 12.00 noon (Additional cost)
- Next working day before 10.30 am (Additional cost)
- Next working day before 9.00 am (With the exception of custom products. Additional cost)
- Saturday delivery (UK only)
- Same day delivery (Additional cost)

Returns procedure
All stock may be returned within a 30 day period. The product must be in its original packaging and in a saleable condition. Please see details below for return address and contact details.

We do not charge restocking fees for our range of products. Custom products are non-returnable as these have been made outside the standard size ranges. If in doubt please contact our Customer Services department for clarity.

Delivery shortages
On receipt of your goods, please check that the delivery note matches what you have received. In the unlikely event of receiving the wrong product or quantity, please notify our customer services department within 7 days.

Single patient use
Any product supplied by Steeper is for single patient use only and should be fitted by a qualified professional. Re-use of any products is potentially dangerous and will invalidate the CE mark or any warranty.

USA
SteeperUSA
3619 Paesanos Parkway
Suite 200
San Antonio
TX 78231
USA

Tel: 210 481 4126
Email: inquiries@steeperusa.com

UK/Rest of World
Steeper Group
Unit 3, Stourton Link
Intermezzo Drive
Leeds
LS10 1DF
United Kingdom

Tel: +44 (0) 870 240 4133
Email: customerservices@steepergroup.com

Ordering TrueFinish™

Please see below for the TrueFinish™ colour shades for Elegance, Skinergy Plus and cosmetic gloves. These are available in 19 skin shades to fit onto electric mechanical hands featuring TrueFinish™ micropigmentation for increased realism.

Swatches are available on request: E24654 E0 - E18 standard colours, E24655 E0 - E18 TrueFinish™ colours

The swatch colours shown above are for indication only. To request a colour swatch sample or to place an order for Steeper TrueFinish™ covers or gloves, please contact customerservices@steepergroup.com.

Electric Hand with Quick Disconnect Wrist - 1 or 2 Site Electrode Control

Electric Hand with EQD

L		R
☐	6 ¾	☐
☐	7 ¼	☐
☐	7 ¾	☐
☐	8 ¼	☐

Quick Disconnect Wrist Assembly

- QDAWA-40 ☐
- QDAWA-45 ☐
- QDAWA-50 ☐
- QDAWA-54 ☐

Elegance Glove

Male	☐	Female	☐
Silicone	☐	PVC	☐
Standard	☐	TrueFinish	☐

Colour (E0 - 18) _____ Qty

Electrode Control

Seal-In Electrode Kit - 50/60Hz

ELSK50	☐	*
ELSK60	☐	*

Qty

OR

Electrode - 50/60Hz

ELEC50	☐	*
ELEC60	☐	*

Qty

Power

Battery
BLPA72

Qty

*Check local power supply frequency

Electrode Cable

300mm	600mm	1000mm
ECA-300	ECA-600	ECA-1000
Qty	Qty	Qty

Battery Receptacle Kit
BHQDA72 ☐

Desktop Charger
LPDC01 ☐

Client Information

Facility Name: _____

Facility Address: _____

_____

Email Address: _____

Contact Name: _____

Order Number: _____

Shipping Instructions: _____

Electric Hand with Friction Wrist - 1 or 2 Site Electrode Control

Electric Hand with Friction Wrist Handplate

L		R
☐	6 ¾	☐
☐	7 ¼	☐
☐	7 ¾	☐
☐	8 ¼	☐

Friction Wrist

- C12848 (6 ¾) ☐
- C12810 (7 ¼) ☐
- C12824 (7 ¾, 8 ¼) ☐

Elegance Glove

Male	☐	Female	☐
Silicone	☐	PVC	☐
Standard	☐	TrueFinish	☐

Colour (E0 - 18) _____ Qty

Electrode Control

Seal-In Electrode Kit - 50/60Hz

ELSK50	☐	*
ELSK60	☐	*

Qty

OR

Electrode - 50/60Hz

ELEC50	☐	*
ELEC60	☐	*

Qty

Power

Battery
BLPA72

Qty

*Check local power supply frequency

Electrode Cable

300mm	600mm	1000mm
ECA-300	ECA-600	ECA-1000
Qty	Qty	Qty

Battery Receptacle Kit
BHA72 ☐

Connector Cable
☐ CBBHA72

Desktop Charger
LPDC01 ☐

Client Information

Facility Name: _____

Facility Address: _____

_____

Email Address: _____

Contact Name: _____

Order Number: _____

Shipping Instructions: _____

Electric Hand with Quick Disconnect Wrist - 1 or 2 Site Electrode Control

Electric Hand with Threaded Stem - 1 or 2 Site Electrode Control

Electric Hand
North American Stem
(1/2 x 20TPI)

L		R
✓	6 ¾	✓
✓	7 ¼	✓
✓	7 ¾	✓
✓	8 ¼	✓

or

Electric Hand
European Stem
(M12)

L		R
✓	6 ¾	✓
✓	7 ¼	✓
✓	7 ¾	✓
✓	8 ¼	✓

Elegance Glove

Male	✓	Female	✓
Silicone	✓	PVC	✓
Standard	✓	TrueFinish	✓

Colour (E0 - 18) _____ Qty

Electrode Control

Seal-In Electrode Kit
- 50/60Hz

ELSK50	✓	*
ELSK60	✓	*

Qty

OR

Electrode -
50/60Hz

ELEC50	✓	*
ELEC60	✓	*

Qty

*Check local power supply frequency

Electrode Cable

300mm	600mm	1000mm
ECA-300	ECA-600	ECA-1000
Qty	Qty	Qty

Power

Battery
BLPA72

Qty

Battery
Receptacle Kit

BHA72 ✓

Connector Cable

Qty CBBHA72

Desktop Charger

LPDC01 ✓

Threaded Wrist of Choice

(1/2 X 20TPI)

NHD55108	6 ¾	✓
NHD55109	7 ¼	✓
NHD55110	7 ¾	✓

(M12)

NHD55108-M12	6 ¾	✓
NHD55109-M12	7 ¼	✓
NHD55110-M12	7 ¾	✓

Client Information

Facility Name: _____

Facility Address: _____

_____

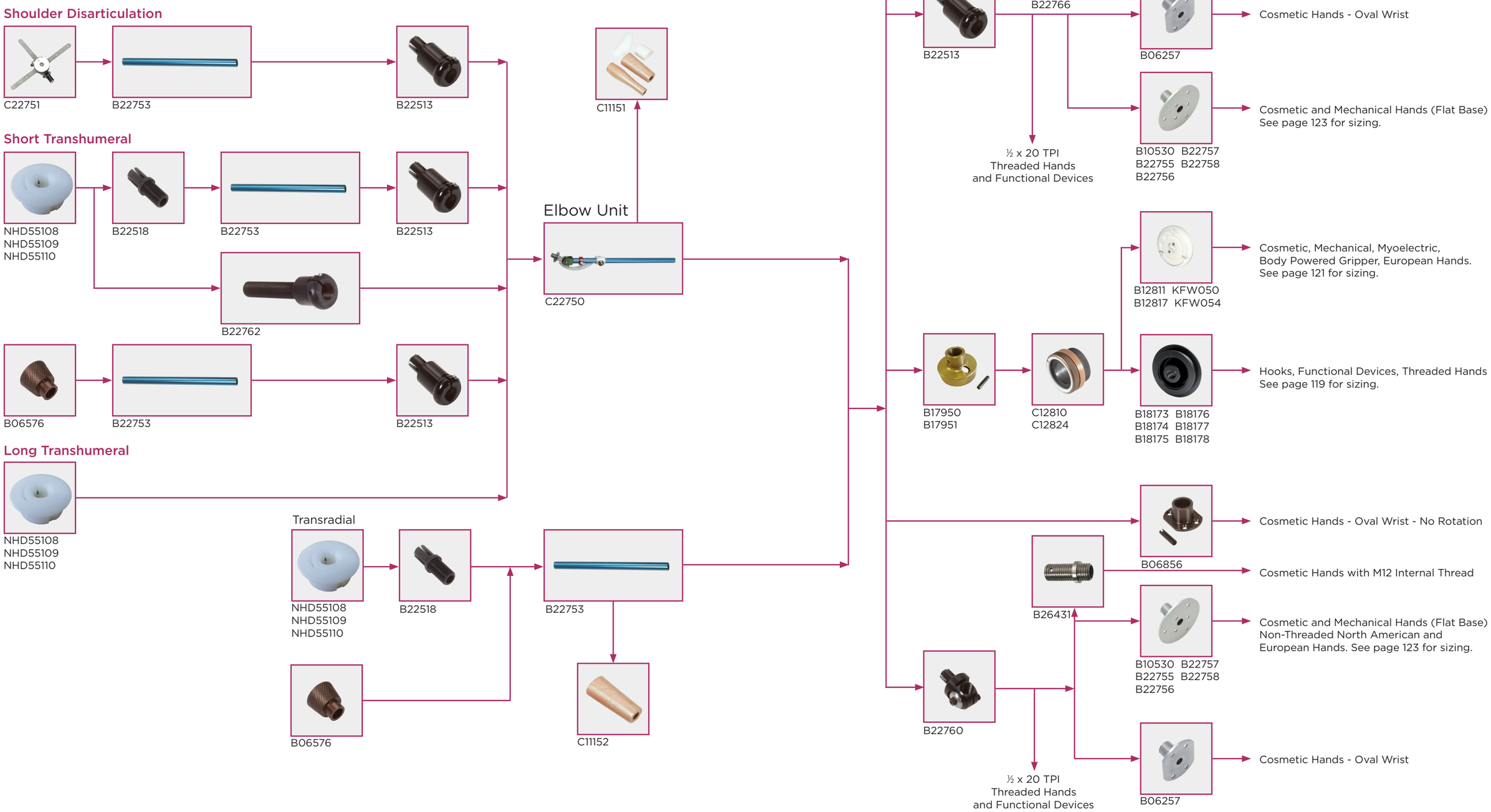
Email Address: _____

Contact Name: _____

Order Number: _____

Shipping Instructions: _____

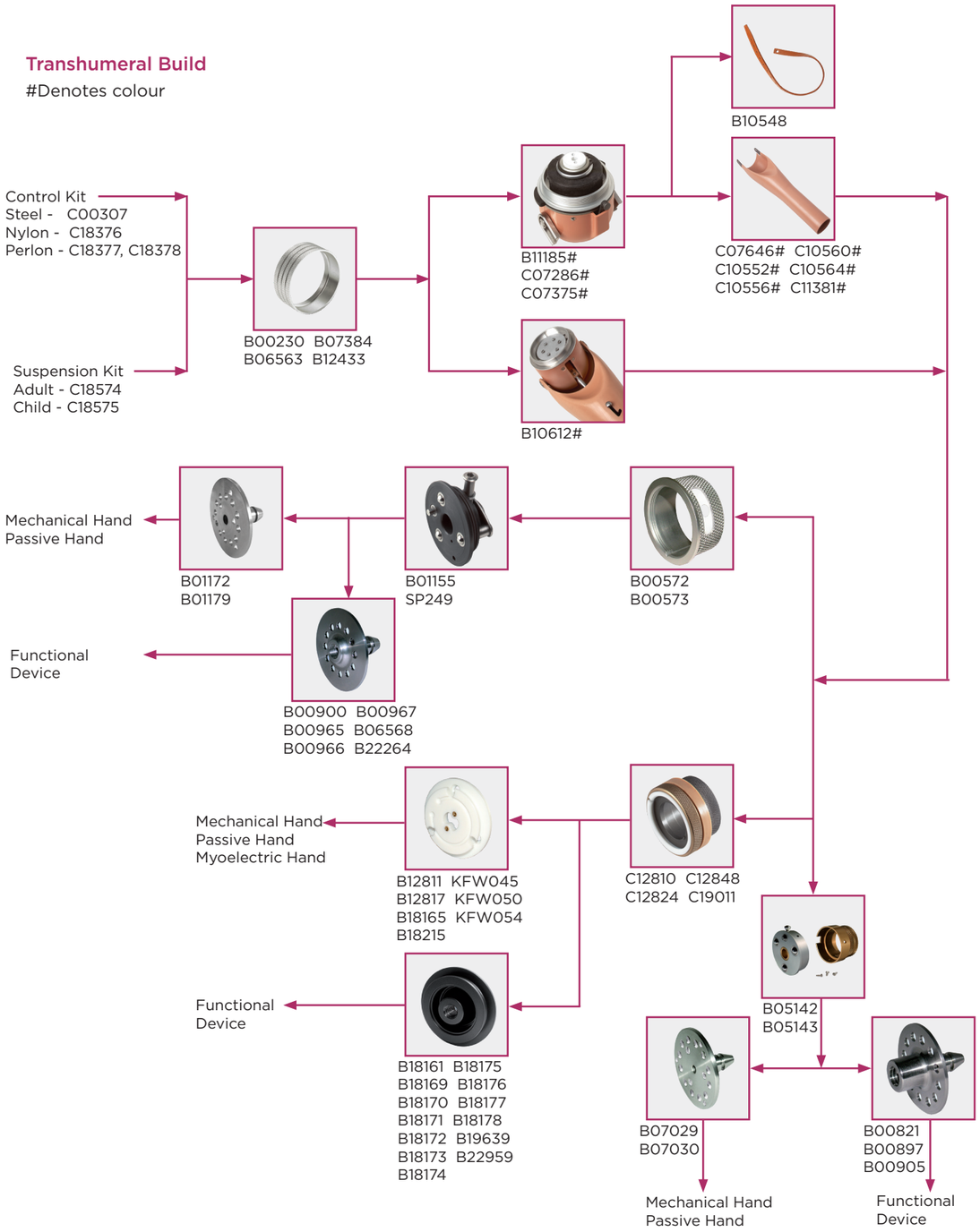
To order any of the below components, contact customerservices@steepergroup.com with the part number and quantity.



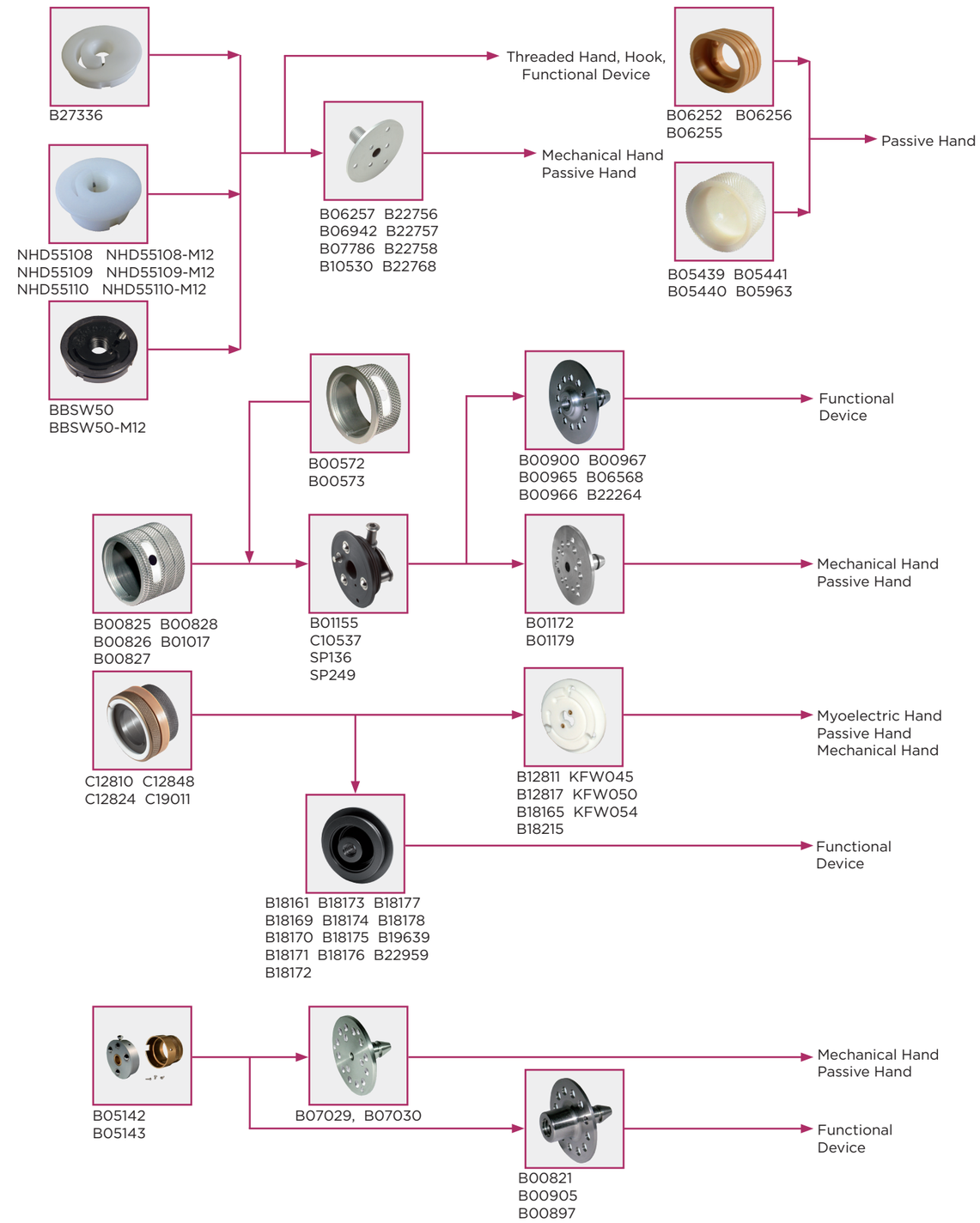
To order any of the below components, contact customerservices@steepergroup.com with the part number and quantity.

Transhumeral Build

#Denotes colour



Transradial Build



Myoelectric Hands and Components

Our range of myoelectric hands and components offer durability, reliability and quality design features. The range includes the newest product to the range, the S-Charge - an easy to control and operate charging device, along with compatible electrodes, batteries, cables, connectors and multiple wrist options.

1 2 3 4 5 6 7 8 9 10 11 12

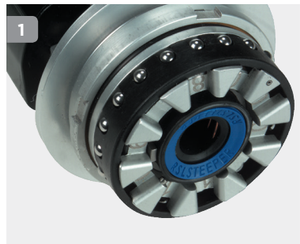
Myo Select

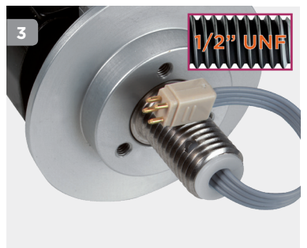
The Select range of myoelectric hands are electrically operated devices designed to meet the needs of most upper limb amputees. This range offers durability, reliability and quality design features. With a powerful mechanism, a grip force output suitable for most routine daily tasks is provided to the user.

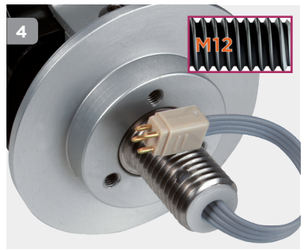
With on-board microprocessor technology, our myoelectric hands offer maximum flexibility. Innovative, built-in electronics provide a choice of nine control modes for the hand, selected using the dial switch feature. The on-board system also includes an electronic 'gear change' allowing power to be stored and released on demand.

Features and Benefits

- Controlled with myoelectrodes or switch inputs
- Electronics equipped with patented Powerforce™ technology
- Supercapacitor technology (sies 7¼-8¼) provides efficient control and power conservation
- Nine control modules
- Electronic 'gear change'
- 4 wrist options available





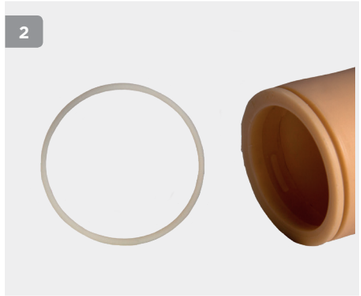


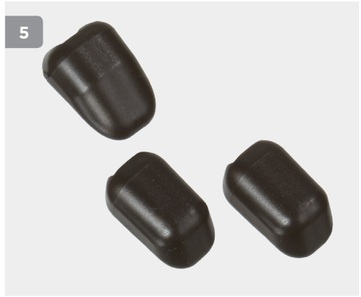
Myoelectric Hand - Quick Disconnect Wrist							
	Part Number	Size	Left/Right	Description	Wrist Unit Option	Male Glove Number	Female Glove Number
1	MYA675LQD	6 ¾	Left	Child (8-12 yrs)	40mm (1 ½")	310	310
	MYA675RQD	6 ¾	Right	Child (8-12 yrs)	40mm (1 ½")	311	311
	MYA725LQD	7 ¼	Left	Adolescent/Adult	45mm (1 ¾")	306	304
	MYA725RQD	7 ¼	Right	Adolescent/Adult	45mm (1 ¾")	307	305
	MYA775LQD	7 ¾	Left	Adult	50mm (2")	302	312
	MYA775RQD	7 ¾	Right	Adult	50mm (2")	303	313
	MYA825LQD	8 ¼	Left	Adult	54mm (2 ⅛")	300	n/a
	MYA825RQD	8 ¼	Right	Adult	54mm (2 ⅛")	301	n/a

Myoelectric Hand - Friction Wrist							
	Part Number	Size	Left/Right	Description	Wrist Unit Option	Male Glove Number	Female Glove Number
2	MYA675LFW	6 ¾	Left	Child (8-12 yrs)	45mm (1 ¾")	310	310
	MYA675RFW	6 ¾	Right	Child (8-12 yrs)	45mm (1 ¾")	311	311
	MYA725LFW	7 ¼	Left	Adolescent/Adult	50mm (2")	306	304
	MYA725RFW	7 ¼	Right	Adolescent/Adult	50mm (2")	307	305
	MYA775LFW	7 ¾	Left	Adult	54mm (2 ⅛")	302	312
	MYA775RFW	7 ¾	Right	Adult	54mm (2 ⅛")	303	313
	MYA825LFW	8 ¼	Left	Adult	54mm (2 ⅛")	300	n/a
	MYA825RFW	8 ¼	Right	Adult	54mm (2 ⅛")	301	n/a

Myoelectric Hand - North American Thread (½ x 20 TPI)							
	Part Number	Size	Left/Right	Description	Wrist Unit Option	Male Glove Number	Female Glove Number
3	MYA675LNA	6 ¾	Left	Child (8-12 yrs)	40mm (1 ½")	310	310
	MYA675RNA	6 ¾	Right	Child (8-12 yrs)	40mm (1 ½")	311	311
	MYA725LNA	7 ¼	Left	Adolescent/Adult	45mm (1 ¾")	306	304
	MYA725RNA	7 ¼	Right	Adolescent/Adult	45mm (1 ¾")	307	305
	MYA775LNA	7 ¾	Left	Adult	50mm (2")	302	312
	MYA775RNA	7 ¾	Right	Adult	50mm (2")	303	313
	MYA825LNA	8 ¼	Left	Adult	54mm (2 ⅛")	300	n/a
	MYA825RNA	8 ¼	Right	Adult	54mm (2 ⅛")	301	n/a

Myoelectric Hand - European Thread (M12 x 1.5mm)							
	Part Number	Size	Left/Right	Description	Wrist Unit Option	Male Glove Number	Female Glove Number
4	MYA675LEU	6 ¾	Left	Child (8-12 yrs)	40mm (1 ½")	310	310
	MYA675REU	6 ¾	Right	Child (8-12 yrs)	40mm (1 ½")	311	311
	MYA725LEU	7 ¼	Left	Adolescent/Adult	45mm (1 ¾")	306	304
	MYA725REU	7 ¼	Right	Adolescent/Adult	45mm (1 ¾")	307	305
	MYA775LEU	7 ¾	Left	Adult	50mm (2")	302	312
	MYA775REU	7 ¾	Right	Adult	50mm (2")	303	313
	MYA825LEU	8 ¼	Left	Adult	54mm (2 ⅛")	300	n/a
	MYA825REU	8 ¼	Right	Adult	54mm (2 ⅛")	301	n/a





Technical Information : Myoelectric Hand With Quick Disconnect Wrist (Performance figures have been measured with a fitted hand shell)						
Size	Speed	Grip Strength	Max Opening	Weight with Inner Glove	Length (Base Hand Shell to Thumb Tip)	Operating Voltage
6 ¾	1.5 seconds	40N (9.5lbf)	65mm (2 ⅝”)	320g (11oz)	116mm (4 ½”)	7.2V DC
7 ¼	0.8 seconds	80N (19lbf)	100mm (4”)	470g (1lb)	140mm (5 ½”)	7.2V DC
7 ¾	0.8 seconds	80N (19lbf)	100mm (4”)	510g (1lb 2oz)	143mm (5 ⅝”)	7.2V DC
8 ¼	0.8 seconds	80N (19lbf)	100mm (4”)	520g (1lb 2oz)	147mm (5 ¾”)	7.2V DC

Myoelectric Hands and Components - Spare Parts

Inner Hand Shell (Including Retention Ring)			
Part Number		Size	Left / Right
1	IHA675L	6 ¾	Left
	IHA675R	6 ¾	Right
	IHA725L	7 ¼	Left
	IHA725R	7 ¼	Right
	IHA775L	7 ¾	Left
	IHA775R	7 ¾	Right
	IHA825L	8 ¼	Left
	IHA825R	8 ¼	Right

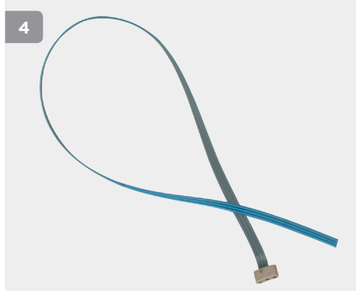
Inner Hand Shell Retention Ring					
Part Number		Size	Left / Right	Diameter	Description
2	B25330	6 ¾	Left or Right	46mm (1 ⅞”)	For EQD Hands
	B25320	6 ¾	Left or Right	46mm (1 ⅞”)	For Friction Wrist Hands
	B25321	7 ¼	Left or Right	49mm (2”)	For Friction Wrist Hands
	B25322	8 ¼	Left or Right	58mm (2 ¼”)	For Friction Wrist Hands

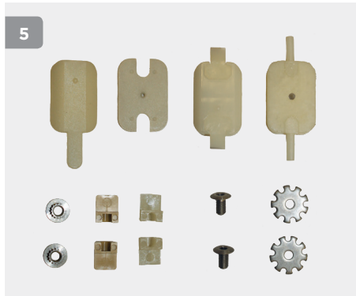
Finger Assembly (Index and Middle Finger) and Thumb Assembly					
Part Number Finger Assembly		Part Number Thumb Assembly		Size	Left / Right
3	B25363	4	B25369	6 ¾	Left
	B25366		B25372	6 ¾	Right
	B25364		B25370	7 ¼, 7 ¾	Left
	B25367		B25373	7 ¼, 7 ¾	Right
	B25365		B25371	8 ¼	Left
	B25368		B25374	8 ¼	Right

Finger Palp Kit (2 x Finger, 1 x Thumb)			
Part Number		Size	Left / Right
5	E26325	6 ¾	Left or Right
	E26326	7 ¼, 7 ¾	Left or Right
	E26327	8 ¼	Left or Right

Threaded Insert		
Part Number		Description
6	B26430	Threaded Stem. M12 x 1.5mm - M12 x 1.5mm
	B26431	Threaded Stem. M12 x 1.5mm - ½” x 20 TPI

Male Quick Disconnect Wrist Assembly			
Part Number		Description	Left / Right
7	B25395	As Fitted to 6 ¾ Myoelectric Hand Quick Disconnect Version	Left or Right
	B25396	As Fitted to 7 ¼ Myoelectric Hand Quick Disconnect Version	Left or Right
	B25397	As Fitted to 7 ¾ + 8 ¼ Myoelectric Hand Quick Disconnect Version	Left or Right





Seal-In Kit plus Electrode			
Part Number		**Description**	**Power Supply**
1	ELSK50	Seal-In Kit Myoelectric 50Hz - Includes 50Hz Electrode	5-19V DC
	ELSK60	Seal-In Kit Myoelectric 60Hz - Includes 60Hz Electrode	5-19V DC

Check local power supply frequency

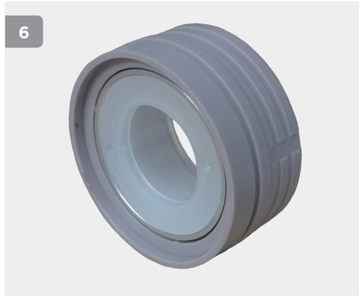
Seal-In Kit		
Part Number		**Description**
2	ELSK	Seal-In Kit

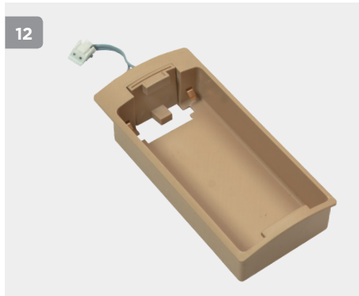
Control Options			
These myoelectrodes offer state-of-the-art electronics for outstanding capture and amplification from signals as low as 10uV. Biocompatible titanium skin contacts provide superior conductivity. Suitable for either Child or Adult arm systems.			
Part Number		**Description**	**Power Supply**
3	ELEC50	Myoelectric 50Hz	5-19V DC
3a	ELEC60	Myoelectric 60Hz	5-19V DC

Electrode Cables			
To allow connection between ELEC50 / ELEC60 Electrode and Quick Disconnect Wrist connection or Connector Block Cable. 3-Pin termination to cable.			
Part Number		**Description**	**Length**
4	ECA-300	Electrode Cable	300mm (11 ¾”)
	ECA-600	Electrode Cable	600mm (23 ⅝”)
	ECA-1000	Electrode Cable	1000mm (39 ⅜”)
4a	B24570	4-Pin Round Elbow Cable - Pink	525mm (20 ⅝”)
4b	CBBHA72	Connector Block Cable for Lithium Polymer Battery Receptacle BHA72	265mm (10 ⅞”)

Electrode Spare Parts		
Part Number		**Description**
5	ELECSP	Electrode Forming Kit
5a	B31058	Electrode Suspension Legs
5b	B30819	Electrode Cable Retaining Plug

Silicone Grease		
Part Number		**Description**
6	NLU0010	Silicone Grease





Quick Disconnect Wrist Unit

Part Number		Description	Hand Size	Height	Weight
5	QDAWA-40	40mm Wrist Assembly. Includes Lamination Ring, Coupling Piece and Coaxial Plug	6 ¾	20mm (¾")	38g (1 ⅜ oz)
	QDAWA-45	45mm Wrist Assembly. Includes Lamination Ring, Coupling Piece and Coaxial Plug	7 ¼	25mm (1")	38g (1 ⅜ oz)
	QDAWA-50	50mm Wrist Assembly. Includes Lamination Ring, Coupling Piece and Coaxial Plug	7 ¾	25mm (1")	42g (1 ½ oz)
	QDAWA-54	54mm Wrist Assembly. Includes Lamination Ring, Coupling Piece and Coaxial Plug	8 ¼	25mm (1")	44g (1 ½ oz)

Quick Disconnect Wrist - Spares

Part Number		Description	Hand Size	Height
6	QDALR-40	40mm Lamination Ring	6 ¾	20mm (¾")
	QDALR-45	45mm Lamination Ring	7 ¼	23mm (⅞")
	QDALR-50	50mm Lamination Ring	7 ¾	23mm (⅞")
	QDALR-54	54mm Lamination Ring	8 ¼	23mm (⅞")
7	QDACP	Coupling Piece. Suitable for 40, 45, 50 and 54mm Quick Disconnect Wrist. Includes lock ring.		
8	QDACO	Coaxial Plug. Suitable for 40, 45, 50 and 54mm Quick Disconnect Wrist. Includes lock ring and screw.		

Battery

Part Number		Description	Chemistry	Capacity	Dimensions	Weight
9	BLPA72	7.2V Lithium Polymer Battery	Lithium Polymer	800mAh	68 x 33 x 17 mm (2 ⅝" x 1 ¼" x ⅝")	45g (1 ½ oz)

Battery Charger

Part Number		Description	Region
10	LPDC01	Lithium Polymer Battery Desktop Charger	World

Battery Receptacles

Forearm mounted battery receptacles are supplied in kits with all necessary formers

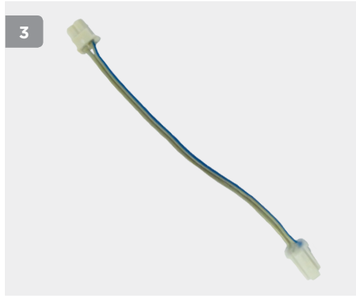
Part Number		Description	Battery
11	BHQDA72	Lithium Polymer Battery Holder with 2-Pin Output	BLPA72

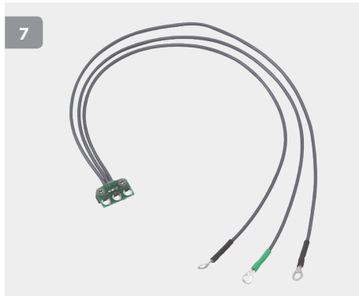
Note: Suitable for connection to Quick Disconnect Wrist connection

12	BHA72	Lithium Polymer Battery Holder with Locking Connector	BLPA72

Note: Suitable for connection to Connector Block Cable CBBHA72.

Myoelectric Hands and Components - Additional Power and Control Options





Built-In Batteries

Built-in batteries offer ample capacity in a small, lightweight package which can be housed in a prosthetic forearm. Supplied with a recharge connector and an on/off switch. The recharge module is mounted through the forearm to allow for recharge. To complete the system an output cable, charger and power lead are required. We offer two configurations: a dense AA application or a split cell option allowing limited internal socket space to be utilised.

Part Number		Description	Capacity	Dimensions	Weight
1	NBP102	7.2V Split Cell Lithium Polymer Built-in Battery including Recharge Module, On/Off Switch	750mAh	6 x 30 x 47 mm (x2) (¼" x 1 ⅛" x 1 ⅞")	44g (1 ½ oz)
2	NMC31	Built-in Battery 2-Pin Output Cable. For use with NBP98S and NBP102			
	NMC41	Built-in Battery Cable. To regulate output to 5V Childs System			
3	NMC-B2-DS	Output Cable to Connector CBBHA72			
	MCCV-RSL	Output Cable 6V to Block			
4	NBC96	Built-in Battery Charger. For use with NBP98S and NBP102. Requires power lead			
5	NCA0310	UK Power Lead for NBC96 Charger			
	NCA0311	European Power Lead for NBC96 Charger			

Remote Electrodes

Remote Electrodes may be used on test sockets, frame sockets, plastic or laminated sockets and with roll on suspension liners. Electrode dome position may be moved quickly and easily by the prosthetist during assessment to ensure best performance. Gain may be adjusted through the dial on the cased adapter. A complete kit consists of 1 or 2 remote electrode(s), 1 or 2 remote electrode cable(s) and a set of electrode domes.

Part Number		Description	Dimensions	Application
6	NDC200B-50	50Hz Remote Electrode-Amplifier 3-Pin output connector	31 x 17.5 x 5 mm (1 ¼" x ⅝" x ¼")	4.8 - 8.4 V DC
	NDC200B-60	60Hz Remote Electrode-Amplifier 3-Pin output connector	31 x 17.5 x 5 mm (1 ¼" x ⅝" x ¼")	4.8 - 8.4 V DC
7	NREC03	3" Remote Electrode Cable		
	NREC06	6" Remote Electrode Cable		
	NREC12	12" Remote Electrode Cable		
	NREC24	24" Remote Electrode Cable		
8	NEL11	Kit of 3 High Dome Metal Electrodes	14.2 x 4.7 mm (½" x ¼")	Significant soft tissue / adult
	NEL12	Kit of 3 Medium Dome Metal Electrodes	14.2 x 3.2 mm (½" x ⅛")	Standard
	NEL13	Kit of 3 Small Dome Metal Electrodes	9.5 x 2.5 mm (⅜" x ⅛")	Child or space constrained
9	NMC5030004	Snap Electrode Cable	610mm (24")	N/a
10	N3010426	Kit of 6 Snap Electrode Domes	9.5mm	N/a

LiP Power Plus Battery

Part Number		Description	Chemistry	Capacity	Dimensions	Weight
11	B22606	LiP Power Plus Battery 6.6V	Lithium Polymer	520mAh	81 x 28 x 17 mm (3 3⁄16" x 1 ⅛" x ⅝")	39g (1oz)

LiP Power Plus Charger

Part Number		Description	Region
12	E24052	LiP Power Plus Battery Charger and Transformer	World

Note: The above chargers are suitable for use with previous issue B22606 Lithium Ion and upgraded B22606 Lithium Polymer batteries.

The S-Charge System is a user friendly, flexible, internal battery system with an OLED display and a magnetic charger, that is fitted into a prosthetic forearm. This allows the user to easily activate, deactivate and charge their prosthesis whilst confidently monitoring the power status during use.

S-Charge System

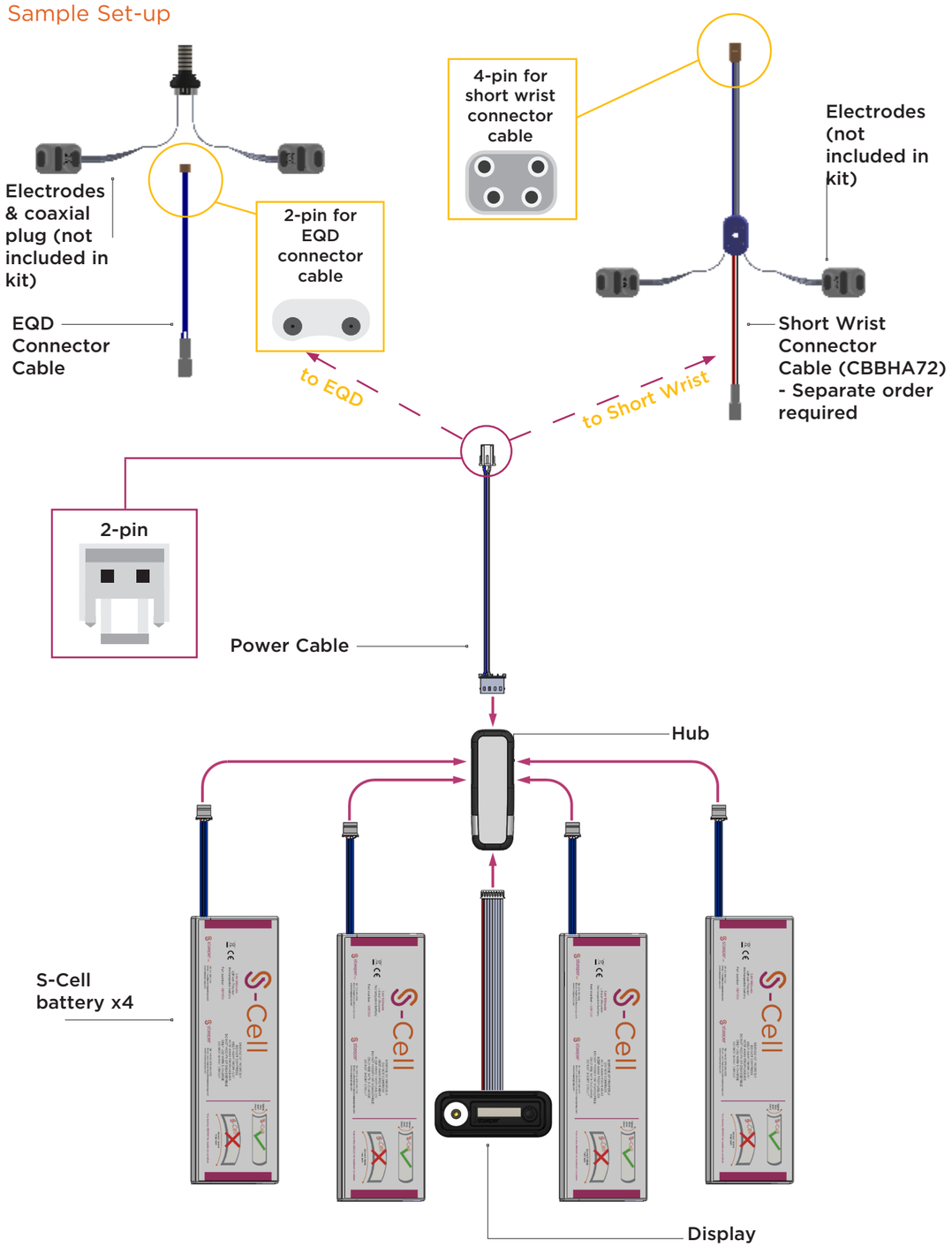
The S-Charge System is a user friendly, flexible, internal battery system with an OLED display and a magnetic charger, that is fitted into a prosthetic forearm. This allows the user to easily activate, deactivate and charge their prosthesis whilst confidently monitoring the power status during use through the display of real-time battery life icons.

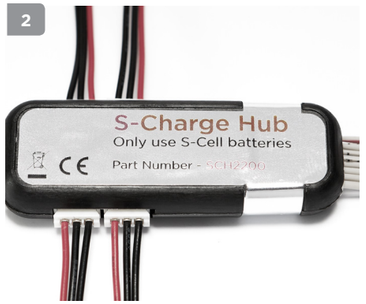
Flexible S-Cell batteries provide up to 1100, 1650 or 2200mAh to the terminal device, as 2, 3 o4 4 batteries can be accommodate in one system.

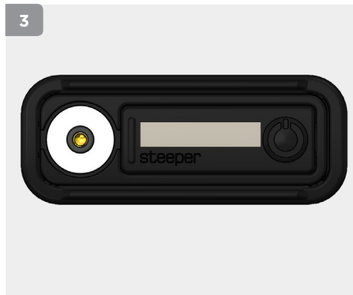
Features and Benefits

- 3.2mm low profile batteries require minimal space in the forearm
- Fully charged within 4 hours
- Easy-release magnetic charger
- 10 language options
- Flexible configuration as the hub can be placed anywhere in the forearm
- Simple two-button operation to activate and select models
- Compatible with all powered upper limb systems with equivalent power rating (8.4V at full battery charge, 7.0V at low battery cut off, 5.0A peak current). Please contact your local service centre to confirm compatible prosthetic hand systems.

Sample Set-up







S-Charge System Full Kit Part Number: SC2200 Full system kit contains the following items and quantities.			
	Description	**Quantity**	**Dimensions (each)**
1	S-Cell Battery	4	128mm x 42mm x 3.5mm
2	Hub	1	58mm x 20mm x 10mm
3	Display	1	50mm x 20mm x 7mm
4	Magnetic wall charger	1	NA
5	Mounting frames	3	50mm x 20mm x 7mm
	Power connector cable	1	NA
	EQD connector cable	1	NA
	Lamination dummies	4	128mm x 42mm x 3.5mm
	Foam gaskets	3	NA
	Alignment stickers	2	50mm x 20mm x 7mm

Part Number	Spare Parts
SCBP2200	**S-Cell Batteries** Batteries (4)
SCHUB	**S-Charge Hub Kit** Hub (1), power connector cable (1), EQD connector cable (1)
SCDIS	**S-Charge Display Kit** Display (1), mounting frames (3), mounting frame gaskets (3) and alignment stickers (2)
SWC2200	**S-Charge Wall Charger** Wall charger including mains adapters (UK, US, EU, AUS) (1)
SCDKIT	**S-Charge Dummy Kit** S-Cell lamination dummies (4), Hub dummy (1), Display dummy (1), alignment stickers (2)
SCMFKIT	**S-Charge Mounting Frame Kit** Mounting frames (3), mounting frame gaskets (3), alignment stickers (2)

Cable Operated and Spring Hands

Our range of cable operated and spring hands provide functional benefits with improved cosmetic appearance. The adult and teenage range is manufactured from high strength aerospace alloy, housed inside a flexible PVC shell and operated by body-powered cable control or manual operation.

Provisions are made for multiple wrist and cable connection options. These hands are compatible with the popular Elegance range of full length silicone and PVC cosmetic gloves. In addition, we offer two children's sizes which are constructed from rugged plastic mouldings to withstand the demands of a growing child.

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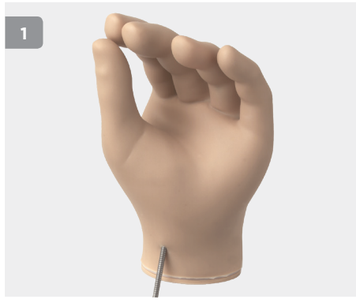
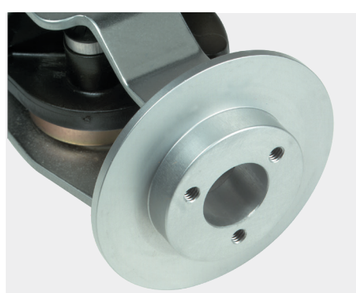
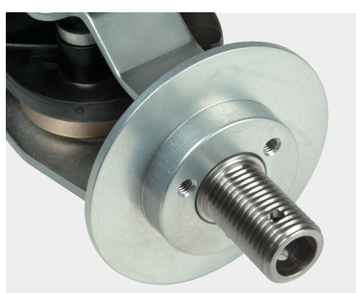




Plain Base



Threaded Stud

Cable Operated Hand - Front Pull Voluntary Opening									
	Part Number Plain Base	Part Number M12 x 1.5 stud	Part Number ½ x 20 TPI stud	Size	Left / Right	Application	Wrist Unit Option	Male Glove Number	Female Glove Number
1	MHA675LF	MHA675LFEU	MHA675LFNA	6 ¾	Left	Child (8 -12 yrs)	45mm (1 ¾")	310	310
	MHA675RF	MHA675RFEU	MHA675RFNA	6 ¾	Right	Child (8 -12 yrs)	45mm (1 ¾")	311	311
	MHA725LF	MHA725LFEU	MHA725LFNA	7 ¼	Left	Adolescent / Adult	50mm (2")	306	304
	MHA725RF	MHA725RFEU	MHA725RFNA	7 ¼	Right	Adolescent / Adult	50mm (2")	307	305
	MHA775LF	MHA775LFEU	MHA775LFNA	7 ¾	Left	Adult	54mm (2 ⅛")	302	312
	MHA775RF	MHA775RFEU	MHA775RFNA	7 ¾	Right	Adult	54mm (2 ⅛")	303	313
	MHA825LF	MHA825LFEU	MHA825LFNA	8 ¼	Left	Adult	54mm (2 ⅛")	300	N/A
	MHA825RF	MHA825RFEU	MHA825RFNA	8 ¼	Right	Adult	54mm (2 ⅛")	301	N/A

Cable Operated Hand - Back Pull Voluntary Opening									
	Part Number Plain Base	Part Number M12 x 1.5 stud	Part Number ½ x 20 TPI stud	Size	Left / Right	Application	Wrist Unit Option	Male Glove Number	Female Glove Number
2	MHA675LB	MHA675LBEU	MHA675LBNA	6 ¾	Left	Child (8 -12 yrs)	45mm (1 ¾")	310	310
	MHA675RB	MHA675RBEU	MHA675RBNA	6 ¾	Right	Child (8 -12 yrs)	45mm (1 ¾")	311	311
	MHA725LB	MHA725LBEU	MHA725LBNA	7 ¼	Left	Adolescent / Adult	50mm (2")	306	304
	MHA725RB	MHA725RBEU	MHA725RBNA	7 ¼	Right	Adolescent / Adult	50mm (2")	307	305
	MHA775LB	MHA775LBEU	MHA775LBNA	7 ¾	Left	Adult	54mm (2 ⅛")	302	312
	MHA775RB	MHA775RBEU	MHA775RBNA	7 ¾	Right	Adult	54mm (2 ⅛")	303	313
	MHA825LB	MHA825LBEU	MHA825LBNA	8 ¼	Left	Adult	54mm (2 ⅛")	300	N/A
	MHA825RB	MHA825RBEU	MHA825RBNA	8 ¼	Right	Adult	54mm (2 ⅛")	301	N/A

Note: See page 97 for full details on Elegance glove ordering for this range.

Note: A full range of hand connection plates is available for the plain base Spring and Cable Operated Hands, featured on page 119.

3

4

Plain Base

Threaded Stud

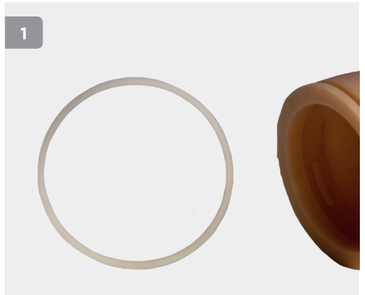
Spring Operated Hand									
	Part Number Plain Base	Part Number M12 x 1.5 stud	Part Number ½ x 20 TPI stud	Size	Left / Right	Application	Wrist Unit Option	Male Glove Number	Female Glove Number
3	SPA675L	SPA675LEU	SPA675LNA	6 ¾	Left	Child (8 -12 yrs)	45mm (1 ¾")	310	310
	SPA675R	SPA675REU	SPA675RNA	6 ¾	Right	Child (8 -12 yrs)	45mm (1 ¾")	311	311
	SPA725L	SPA725LEU	SPA725LNA	7 ¼	Left	Adolescent / Adult	50mm (2")	306	304
	SPA725R	SPA725REU	SPA725RNA	7 ¼	Right	Adolescent / Adult	50mm (2")	307	305
	SPA775L	SPA775LEU	SPA775LNA	7 ¾	Left	Adult	54mm (2 ⅛")	302	312
	SPA775R	SPA775REU	SPA775RNA	7 ¾	Right	Adult	54mm (2 ⅛")	303	313
	SPA825L	SPA825LEU	SPA825LNA	8 ¼	Left	Adult	54mm (2 ⅛")	300	N/A
	SPA825R	SPA825REU	SPA825RNA	8 ¼	Right	Adult	54mm (2 ⅛")	301	N/A

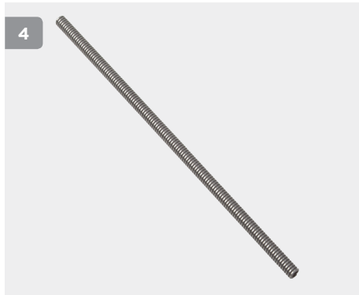
Cable and Spring Operated Hand Inner Hand Shell (Includes Retention Ring)					
	Part Number Front Pull	Part Number Back Pull	Part Number Spring and Myo	Size	Left / Right
4	IHA675LF	IHA675LB	IHA675L	6 ¾	Left
	IHA675RF	IHA675RB	IHA675R	6 ¾	Right
	IHA725LF	IHA725LB	IHA725L	7 ¼	Left
	IHA725RF	IHA725RB	IHA725R	7 ¼	Right
	IHA775LF	IHA775LB	IHA775L	7 ¾	Left
	IHA775RF	IHA775RB	IHA775R	7 ¾	Right
	IHA825LF	IHA825LB	IHA825L	8 ¼	Left
	IHA825RF	IHA825RB	IHA825R	8 ¼	Right

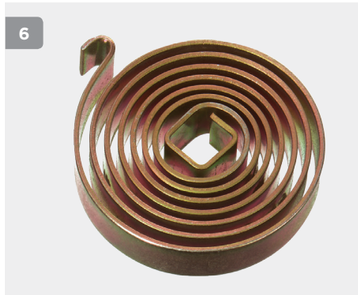
Note: See page 98 for full details on Elegance glove ordering for this range.

Note: A full range of hand connection plates is available for the plain base Spring and Cable Operated Hands featured on page 121.

Cable Operated and Spring Hands - Spare Parts







Inner Hand Shell Retention Ring				
	Part Number	Size	Left / Right	Diameter
1	B25320	6 ¾	Left or Right	46mm (1 ¾")
	B25321	7 ¼	Left or Right	49mm (2")
	B25322	8 ¼	Left or Right	58mm (2 ¼")

Operating Cable			
	Part Number	Size	Left / Right
2	B10734	6 ¾, 7 ¼, 7 ¾, 8 ¼	Left or Right

Cable Pulley		
	Part Number	Description
3	B07322	For looping control cable

Cable Outer			
	Part Number	Size	Left / Right
4	B25140	6 ¾, 7 ¼, 7 ¾, 8 ¼	Left or Right

Terminal Connections Kit			
	Part Number	Size	Left / Right
5	E25142	6 ¾, 7 ¼, 7 ¾, 8 ¼	Left or Right

Spring			
	Part Number	Size	Left / Right
6	B25161	6 ¾	Left or Right
	B25115	7 ¼, 7 ¾, 8 ¼	Left or Right

Finger and Thumb Assemblies							
	Part Number Finger Assembly Cable Operated Hand		Part Number Thumb Assembly Cable Operated Hand	Part Number Thumb Assembly Spring Operated Hand	Part Number Finger Assembly Spring Operated Hand	Size	Left / Right
7	B30516	7a	B30818	B26123	B26306	6 ¾	Left
	B30515		B30817	B26124	B26304	6 ¾	Right
	B30518		B30823	B26107	B26310	7 ¼, 7 ¾	Left
	B30517		B30822	B26108	B26308	7 ¼, 7 ¾	Right
	B30520		B30825	B26109	B26314	8 ¼	Left
	B30519		B30824	B26110	B26312	8 ¼	Right

Cam			
	Part Number	Size	Left / Right
8	B26320	6 ¾	Left
	B26321	6 ¾	Right
	B26322	7 ¼, 7 ¾, 8 ¼	Left
	B26323	7 ¼, 7 ¾, 8 ¼	Right

Finger Palp Kit (2 x Finger, 1 x Thumb)			
	Part Number	Size	Left / Right
9	E26325	6 ¾	Left or Right
	E26326	7 ¼, 7 ¾	Left or Right
	E26327	8 ¼	Left or Right

Spring - For Spring Operated Hand			
	Part Number	Size	Left / Right
10	E26115	6 ¾	Left or Right
	E26114	7 ¼, 7 ¾, 8 ¼	Left or Right

Child Cable Operated and Spring Hands

Technical Information: Cable Operated and Spring Hands					
Size	Width at Knuckles	Cable Pull	Max Opening	Weight	Base to Thumb Tip
5 ½	50mm (2”)	29mm (1 ⅛”)	44mm (1 ¾”)	84g (3oz)	76mm (3”)
6	57mm (2 ¼”)	25mm (1”)	50mm (2”)	130g (4 ½oz)	102mm (4”)
6 ¾	63mm (2 ½”)	60mm (2 ⅜”)	58mm (2 ¼”)	224g (8oz)	108 (4 ¼”)
7 ¼	70mm (2 ¾”)	40mm (1 ⅝”)	90mm (3 ½”)	323g (11oz)	133mm (5 ¼”)
7 ¾	82mm (3 ¼”)	40mm (1 ⅝”)	90mm (3 ½”)	342g (12oz)	133mm (5 ¼”)
8 ¼	87mm (3 ½”)	42mm (1 ⅝”)	95mm (3 ¾”)	366g (13oz)	137mm (5 ⅜”)

Child Cable Operated Hand Front Pull - Voluntary Opening							
Part Number		Size	UK Size	Left / Right	Application	Wrist	Glove No.
1	B08361	5 ½	2” x 3”	Left	Child 2-5 years	40mm (1 ½”)	46
	B08360	5 ½	2” x 3”	Right	Child 2-5 years	40mm (1 ½”)	47
	C07331	6	2 ¼” x 4”	Left	Child 5-8 years	45mm (1 ¾”)	44
	C07330	6	2 ¼” x 4”	Right	Child 5-8 years	45mm (1 ¾”)	45

Child Cable Operated Hand Back Pull - Voluntary Opening							
Part Number		Size	UK Size	Left / Right	Application	Wrist	Glove No.
2	B08363	5 ½	2” x 3”	Left	Child 2-5 years	40mm (1 ½”)	46
	B08362	5 ½	2” x 3”	Right	Child 2-5 years	40mm (1 ½”)	47
	C07931	6	2 ¼” x 4”	Left	Child 5-8 years	45mm (1 ¾”)	44
	C07932	6	2 ¼” x 4”	Right	Child 5-8 years	45mm (1 ¾”)	45

Child Spring Hand							
Part Number		Size	UK Size	Left / Right	Application	Wrist	Glove No.
3	SP592L	5 ½	2” x 3”	Left	Child 2-5 years	40mm (1 ½”)	46
	SP592R	5 ½	2” x 3”	Right	Child 2-5 years	40mm (1 ½”)	47
	SP589L	6	2 ¼” x 4”	Left	Child 5-8 years	45mm (1 ¾”)	44
	SP589R	6	2 ¼” x 4”	Right	Child 5-8 years	45mm (1 ¾”)	45

Child Cable Operated Hand - Spare Parts Operating Cable				
Part Number		Description	Size	UK Size
4	B07365	Operating Cable, Front Pull	5 ½, 6	2”, 2 ¼”
	B10734	Operating Cable, Back Pull	5 ½, 6	2”, 2 ¼”

Functional Devices

A wide range of functional devices are available to enable those using body-powered controls to perform work or recreational tasks. The most common device is the split hook, allowing fine control and manipulation of everyday items.

Additional functional devices have been designed in order to tackle specialised tasks such as occupational, gardening and sporting pursuits. Depending on the operation required, these are either actively or passively controlled.

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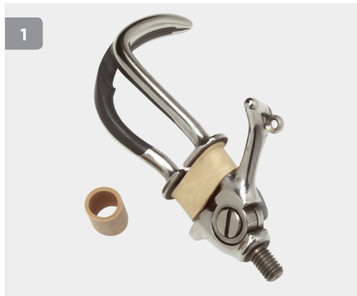
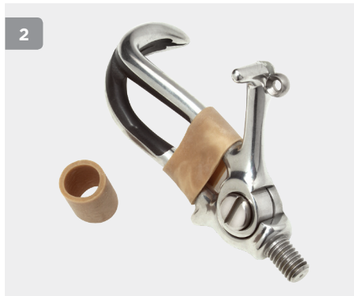
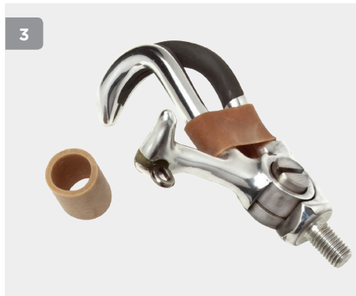
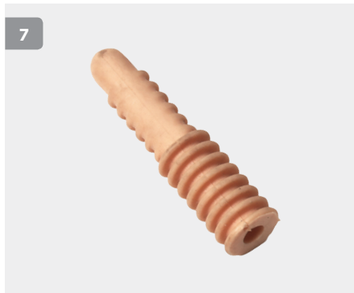
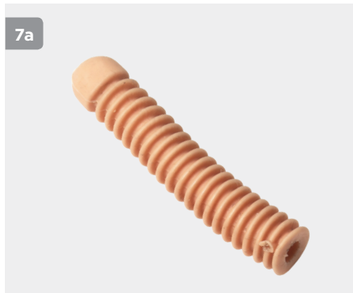










Functional Devices - Split Hooks and Spare Parts

Titanium (5XTi)					
Part Number	Description	Left / Right	Thread	Length	Weight
1 NHD0003T	Large Titanium Hook	Left	⅜" BSW	124mm (4 ⅞")	151g (5 oz)
NHD0004T	Large Titanium Hook	Right	⅜" BSW	124mm (4 ⅞")	151g (5 oz)

Stainless Steel (5X)					
Part Number	Description	Left / Right	Thread	Length	Weight
1 NHD0003	Large Stainless Steel Hook	Left	⅜" BSW	124mm (4 ⅞")	213g (7 ½ oz)
NHD0004	Large Stainless Steel Hook	Right	⅜" BSW	124mm (4 ⅞")	213g (7 ½ oz)

Alminium (5XA)					
Part Number	Description	Left / Right	Thread	Length	Weight
1 NHD0001	Large Aluminium Hook	Left	⅜" BSW	124mm (4 ⅞")	113g (4 oz)
NHD0002	Large Aluminium Hook	Right	⅜" BSW	124mm (4 ⅞")	113g (4 oz)

Aluminium (99X)					
Part Number	Description	Left / Right	Thread	Length	Weight
2 NHD0005	Medium Aluminium Hook	Left	⅜" BSW	98mm (3 ⅞")	85g (3 oz)
NHD0006	Medium Aluminium Hook	Right	⅜" BSW	98mm (3 ⅞")	85g (3 oz)

Aluminium (10X)					
Part Number	Description	Left / Right	Thread	Length	Weight
3 NHD0007	Small Aluminium Hook	Left	5⁄16" BSF	86mm (3 ⅜")	85g (3 oz)
NHD0008	Small Aluminium Hook	Right	5⁄16" BSF	86mm (3 ⅜")	85g (3 oz)

Aluminium (Small)					
Part Number	Description	Left / Right	Thread	Length	Weight
4 B05157	Small Aluminium Hook	Left	5⁄16" BSF	76mm (3")	42g (1 ½ oz)
B05158	Small Aluminium Hook	Right	5⁄16" BSF	76mm (3")	42g (1 ½ oz)

Note: Adult hooks are supplied with standard UK operating cord connection ring.

Note: For hooks with bonded jaw linings a repair service is available. Order by adding EX to part number e.g. NHD0003EX. Contact your local supplier for return details.

Note: A full range of adapter plates are available. Please see page 111.

Spare Parts		
Part Number	Description	Supplied
5 B11470	Rubber Rings for Hook Tension	Pack of Ten
5a B09439	Large Rubber Rings	Each
6 NRB0050	½" Rubber Tube Lining	Per Metre

Jaw Covers for Child Hook, B05157 and B05158		
Part Number	Description	Supplied
7 B19464	Half Round Jaw Cover	Each
E19720	Half Round Jaw Cover	Pack of Twenty
7a B19572	Full Round Jaw Cover	Each
E19927	Full Round Jaw Cover	Pack of Twenty

Body-Powered Gripper

Curved jaws allow spherical and cylindrical objects to be held firmly. Two levels of grip can be selected by simple user control. Hard tips for fine control. This item requires a hand connection plate, please see pages 111.

Part Number		Description	Left / Right	Base	Length	Weight
1	D11377	Body Powered Gripper - Adult	Left	2 ⅛" Diameter	140mm (5 ½")	200g (7 oz)
	D11378	Body Powered Gripper - Adult	Right	2 ⅛" Diameter	140mm (5 ½")	200g (7 oz)
2	E17996	Replacement Jaw Lining	Left	n/a	n/a	n/a
	E17997	Replacement Jaw Lining	Right	n/a	n/a	n/a

Quick Grip Pliers

Provided with serrated jaws for a firm grip on small items such as nails, screws, nuts, bolts. Two different shaped apertures enabling hand tools with different diameter handles to be used. These pliers may be locked manually, allowing the user to relax tension on the operating system. The moving jaw also has a shaped section for pushing or holding against a bench.

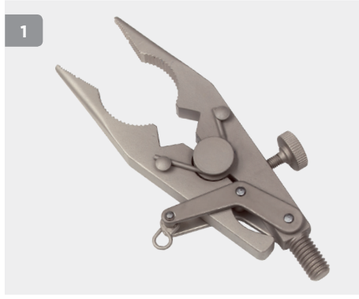
Part Number		Description	Left / Right	Thread	Length	Weight
3	B18220	Quick Grip Pliers - Adult	Left	⅜" BSW	140mm (5 ½")	283g (10 oz)
	B05218	Quick Grip Pliers - Adult	Right	⅜" BSW	140mm (5 ½")	283g (10 oz)
	B09185	Replacement Spring	Left or Right	n/a	n/a	n/a

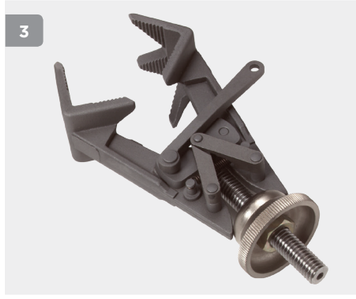
Tweezers

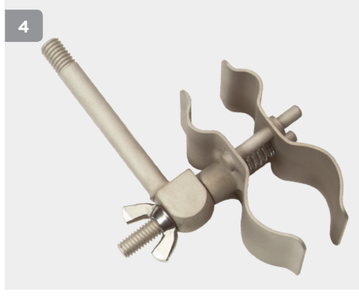
Suitable for fine precise work. The jaws are serrated and curved, for ease of use and clear visibility.

Part Number		Description	Left / Right	Thread	Length	Weight
4	B01024	Tweezers	Left	⅜" BSW	95mm (3 ¾")	57g (2 oz)
	B01025	Tweezers	Right	⅜" BSW	95mm (3 ¾")	57g (2 oz)
	B09439	Replacement Rubber Ring for Tweezers	n/a	n/a	n/a	n/a

Note: A full range of adapter plates are available. Please see page 111.
Thread locking compound must be used when assembling adapters to functional devices.







Long Nose Pliers

Provided with tapered jaws for precise work and two different sized apertures for gripping. Jaws may be locked with thumb screw.

Part Number		Description	Left / Right	Thread	Length	Weight
1	D00172	Long Nose Pliers - Adult	Left or Right	⅜" BSW	120mm (4 ¾")	255g (9 oz)

Conversion Sleeve

Part Number		Description	Supplied
2	B06005	Conversion Sleeve - External Thread ½" UNF x 20 TPI, Internal Thread ⅜" BSW To convert UK External Thread to US External Thread	Each
	B21871	Conversion Sleeve - External Thread M12 x 1.5mm, Internal Thread ⅜" BSW To convert UK External Thread to European External Thread	Each
	B23372	Conversion Sleeve - External Thread ½" UNF x 20 TPI, Internal Thread ⅝" BSF To convert Child UK External Thread to US External Thread	Each

Universal Tool Holder

Designed for a stable grip on tools, bars, rods and tubes. Jaws may be manually locked on to an object allowing the user to relax tension on the operating system.

Part Number		Description	Left / Right	Thread	Length	Weight
3	D00175	Universal Tool Holder - Adult	Left or Right	⅜" BSW	120mm (4 ¾")	340g (12 oz)

Light Tool Holder

An adjustable clamp with two jaws for gripping around handled tools. The head may be set at various angles and jaws tightened by means of a wing nut.

Part Number		Description	Left / Right	Thread	Length	Weight
4	B05191	Light Tool Holder - Adult	Left or Right	⅜" BSW	120mm (4 ¾")	250g (9 oz)

Spade Grip

Suitable for use with gardening or sports equipment. Provides a full range of unrestricted wrist movement.

Part Number		Description	Left / Right	Thread	Length	Weight
5	C07077	Spade Grip - Adult	Left or Right	⅜" BSW	125mm (5")	362g (12 ½ oz)

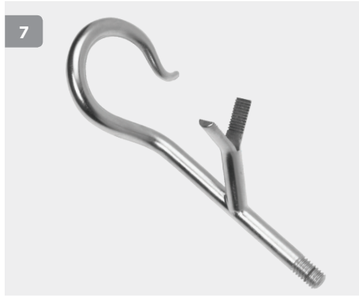
Universal Joint

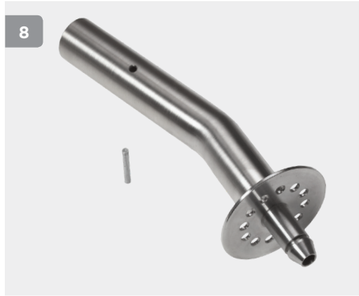
A quick release 2 ⅛" adapter which provides unrestricted wrist rotation with no lock and free movement in all directions.

Part Number		Description	Left / Right	Thread	Length	Weight
6	B00774	Universal Joint - Adult	Left or Right	⅜" BSW	70mm (2 ¾")	131g (4 ½ oz)
6a	SB18012	Universal Joint - Adult	Left or Right	⅜" BSW Internal and External		131g (4 ½ oz)

Supplied with ⅜" BSW External Thread as opposed to adapter. This allows choice in selection of interface.
Provides unrestricted wrist rotation with no lock, and free movement in all directions.

Note: A full range of adapter plates are available. Please see page 111.
Thread locking compound must be used when assembling adapters to functional devices.





Fishing Rod Holder

Used to support a fishing rod, allowing the sound hand freedom to control the reel.

Part Number		Description	Left / Right	Thread	Length	Weight
7	B05882	Fishing Rod Holder	Left or Right	⅜" BSW	140mm (5 ½")	143g (5 oz)

Walking Stick Holder

The walking stick holder is connected to the prosthesis with an angled tube. Supplied with 2 ⅛" adapter plate.
Walking Stick not included.

Part Number		Description	Left / Right	Thread	Length	Weight
8	B05640	Walking Stick Holder - Adult	Left or Right	⅜" BSW	140mm (5 ½")	200g (7 oz)

Typing Appliance

Supplied with an angled head and rubber tip for operation of a keyboard.

Part Number		Description	Left / Right	Thread	Length	Weight
9	B05362	Typing Appliance - Adult	Left or Right	⅜" BSW	115mm (4 ½")	48g (1 ½ oz)
	B05481	Replacement Rubber Tip	n/a	n/a	n/a	n/a

Plain Hook

For use in manual handling and lifting applications.

Part Number		Description	Left / Right	Thread	Length	Weight
10	B05138	Plain Hook - Adult Short	Left or Right	⅜" BSW	135mm (5 ⅜")	109g (4 oz)
	B05140	Plain Hook - Adult Long	Left or Right	⅜" BSW	300mm (11 ¾")	169g (6 oz)

'C' Hook

A multi-purpose hook for use with gardening and farming tools (e.g. broom, shovel, fork, wheelbarrow) where pushing and pulling are required. The head can swivel and flex, providing a more adaptive device. The plain 'C' Hook retains functional head shape but is attached to the stem in a fixed position.

Part Number		Description	Left / Right	Thread	Length	Weight
11	B00551	'C' Hook - Adult	Left or Right	⅜" BSW	125mm (5")	260g (9 oz)
	B00770	Plain 'C' Hook - Adult	Left or Right	⅜" BSW	140mm (5 ½")	240g (8 ½ oz)

Nail Brush Holder

This stainless steel adapter has two drilled holes for attachment to the object of a user's choice, e.g. nailbrush, wire brush, files, paint roller etc. Supplied as shown.

Part Number		Description	Left / Right	Thread	Length	Weight
12	B05353	Nail Brush Holder - Adult	Left or Right	⅜" BSW	100mm (4")	52g (2 oz)

Note: A full range of adapter plates are available. Please see page 111.
Thread locking compound must be used when assembling adapters to functional devices.

Ball Pein Hammer

Suitable for light metal work and general engineering use.

	Part Number	Description	Left / Right	Thread	Length	Weight
13	B05210	Ball Pein Hammer - Adult	Left or Right	⅜" BSW	130mm (5 ⅛")	342g (12 oz)

Claw Hammer

Suitable for woodwork and general use.

	Part Number	Description	Left / Right	Thread	Length	Weight
14	B05212	Claw Hammer - Adult	Left or Right	⅜" BSW	130mm (5 ⅛")	599g (1lb 5 oz)

Potato Holder

Allows items such as vegetables, fish, bread and meat etc. to be held securely during food preparation, while leaving the sound hand free to peel or cut.

	Part Number	Description	Left / Right	Thread	Length	Weight
15	B00538	Potato Holder - Adult	Left or Right	⅜" BSW	120mm (4 ¾")	97g (3 ½ oz)

Table Spoon

Large standard spoon manufactured in stainless steel.

	Part Number	Description	Left / Right	Thread	Length	Weight
16	B05356	Table Spoon - Adult	Left or Right	⅜" BSW	140mm (5 ½")	42g (1 ½ oz)
16a	NGO3F82L	Angled Table Spoon - Adult	Left	⅜" BSW	175mm (6 ⅞")	82g (3 oz)
	NGO3F82R	Angled Table Spoon - Adult	Right	⅜" BSW	175mm (6 ⅞")	82g (3 oz)

Table Knife

Large standard knife manufactured in stainless steel.

	Part Number	Description	Left / Right	Thread	Length	Weight
17	B05354	Table Knife - Adult	Left or Right	⅜" BSW	160mm (6 ¼")	37g (1 ⅓ oz)
17a	NGO3F81	Steak Knife - Adult	Left or Right	⅜" BSW	130mm (5 ⅛")	40g (1 ½ oz)

Note: A full range of adapter plates are available. Please see page 111.
Thread locking compound must be used when assembling adapters to functional devices.

Table Fork

Large standard fork manufactured in stainless steel.

Part Number		Description	Left / Right	Thread	Length	Weight
18	B05355	Table Fork - Adult	Left or Right	⅜" BSW	140mm (5 ½")	40g (1 ½ oz)
18a	NGO3F83L	Angled Table Fork - Adult	Left	⅜" BSW	170mm (6 ¾")	64g (2 ¼ oz)
	NGO3F83R	Angled Table Fork - Adult	Right	⅜" BSW	170mm (6 ¾")	64g (2 ¼ oz)

Vegetable Peeler

Sharp cutting edge allows easy peeling of fruit or vegetables.

Part Number		Description	Left / Right	Thread	Length	Weight
19	B11476	Vegetable Peeler - Adult	Left or Right	⅜" BSW	110mm (4 ⅜")	16g (½ oz)

Cue Holder

Lined in rubber with an adjustable clamp to securely grip the cue.

Part Number		Description	Left / Right	Thread	Length	Weight
20	B05700	Cue Holder - Adult	Left or Right	⅜" BSW	90mm (3 ½")	161g (5 ½ oz)

Cue Rest

Designed to support the cue, this device has a rotating head to provide a stable base and three different cueing heights.

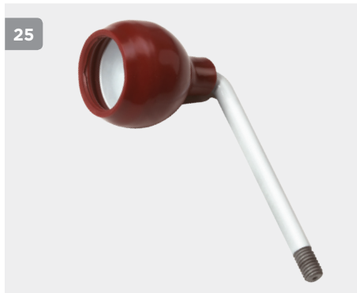
Part Number		Description	Left / Right	Thread	Length	Weight
21	B07318	Cue Rest - Adult	Left or Right	⅜" BSW	165mm (6 ½")	100g (3 ½ oz)

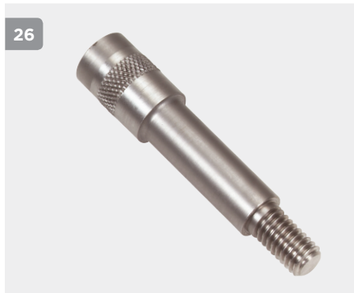
Telescopic Dressing Stick

Extendable device designed to facilitate buttoning and unzipping using either mouth or residual digits. May be used with mouthpiece.

Part Number		Description	Left / Right	Weight
22	B05553	Telescopic Dressing Appliance	n/a	75g (2 ½ oz)
22a	SB12202	Mouthpiece	n/a	15g (½ oz)

Note: A full range of adapter plates are available. Please see page 111.
Thread locking compound must be used when assembling adapters to functional devices.





Motoring Ball and Clamp - Adult

For driving applications. A rim-mounted single clamp arrangement fits most types of steering wheels without compromising deployment of safety devices.

Part Number		Description	Left / Right	Note	Weight
23	E22252	Motoring Ball and Clamp - Adult	n/a	Available UK only	382g (13 ½ oz)
	E22252A	Motoring Clamp with Link - Adult	n/a	Available UK only	255g (9 oz)

Note: E22252A is supplied with link bar to allow connection to a second Motoring Ball and Clamp mounted on the steering wheel.

Ball and Clamp

This device may be used as a handlebar-mounted aid for adults and children wishing to cycle.

Part Number		Description	Left / Right	Note	Weight
23a	SP118	Ball and Clamp	n/a	Not for use with motorised vehicles	115g (4 oz)

Driving Cup

For driving applications. This device is screwed into a palm mounted fitting. It must be used with an appropriate steering ball and clamp. A fitted PVC cover gives a secure level of attachment while allowing rapid removal if necessary.

Part Number		Description	Left / Right	Note	Thread	Weight
24	B00447	Driving Cup - Adult	n/a	Available UK only	⅜" BSW	126g (4 ½ oz)

Note: Alternative cup sizes may be manufactured. Please contact customer services with your requirements.

Driving Cup on Stem

For driving applications. Must be used with an appropriate steering ball and clamp. A fitted PVC cover gives a secure level of attachment while allowing rapid removal if necessary.

Part Number		Description	Left / Right	Note	Thread	Weight
25	B00451	Driving Cup on Stem - Adult	n/a	Available UK only	⅜" BSW	126g (4 ½ oz)

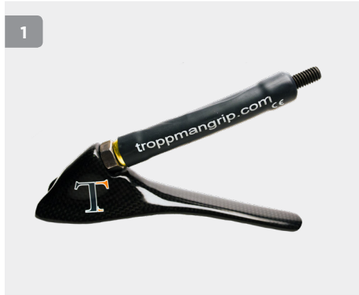
Note: Alternative cup sizes may be manufactured. Please contact customer services with your requirements.

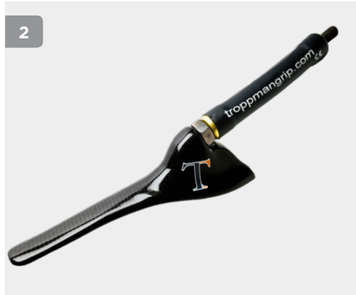
Extension Bar

An extension piece which may be used to increase length between two prosthetic components.

Part Number		Description	Left / Right	Thread	Weight
26	B00445	Extension Bar 3" - Adult	n/a	⅜" BSW External and Internal	71.5g (2 ½ oz)
	B00446	Extension Bar 4" - Adult	n/a	⅜" BSW External and Internal	95.5g (3 ½ oz)

Note: A full range of adapter plates are available. Please see page 111.
Thread locking compound must be used when assembling adapters to functional devices.





Troppmann Golf Grip - Sound Hand to Bottom of Grip			
Part Number		Description	Left / Right
1	NTG-B-A	Troppman Bottom Grip Golf Attach Adult	Left or Right
	NTG-B-P	Troppman Bottom Grip Golf Attach Pediatric	Left or Right

Troppmann Golf Grip - Sound Hand to Top of Grip			
Part Number		Description	Left / Right
2	NTG-T-A	Troppman Top Grip Golf Attach Adult	Left or Right
	NTG-T-P	Troppman Top Grip Golf Attach Pediatric	Left or Right

Troppmann Golf Grip - Hose UK Thread					
Part Number		Description	Length	Left / Right	Thread
3	NTGH-U-1-N-TH	Troppman Grip Hose - Transhumeral	4 ½"	Left or Right	⅜" BSW
	NTGH-U-1-N-TR	Troppman Grip Hose - Transradial	4 ½"	Left or Right	⅜" BSW
	NTGH-U-2-N-TH	Troppman Grip Hose - Transhumeral	4"	Left or Right	⅜" BSW
	NTGH-U-2-N-TR	Troppman Grip Hose - Transradial	4"	Left or Right	⅜" BSW
	NTGH-U-3-N-TH	Troppman Grip Hose - Transhumeral	3 ½"	Left or Right	⅜" BSW
	NTGH-U-3-N-TR	Troppman Grip Hose - Transradial	3 ½"	Left or Right	⅜" BSW

Troppmann Golf Grip - Hose US Thread					
Part Number		Description	Length	Left / Right	Thread
4	NTGH-S-1-N-TH	Troppman Grip Hose - Transhumeral	4 ½"	Left or Right	½" UNF
	NTGH-S-1-N-TR	Troppman Grip Hose - Transradial	4 ½"	Left or Right	½" UNF
	NTGH-S-2-N-TH	Troppman Grip Hose - Transhumeral	4"	Left or Right	½" UNF
	NTGH-S-2-N-TR	Troppman Grip Hose - Transradial	4"	Left or Right	½" UNF
	NTGH-S-3-N-TH	Troppman Grip Hose - Transhumeral	3 ½"	Left or Right	½" UNF
	NTGH-S-3-N-TR	Troppman Grip Hose - Transradial	3 ½"	Left or Right	½" UNF

Note: Custom length or extra flexible hoses are available on request.

Cosmetic Hands and Gloves

Our cosmetic hands are designed for dress purposes only and are intended for use with our cosmetic gloves. These hands are made from flexible skinned lightweight foam around a metal skeleton mounted on a plastic base. The skeleton allows individual digits to be positioned.

The base allows attachment to round handplates, oval handplates or M12 threaded stems on most sizes. Full details of each hand and the appropriate glove can be found in the following pages.

A wider range of cosmetic hands are also available, with extended wires and no internal base. These are used to construct cosmetic prostheses for partial hand patients.

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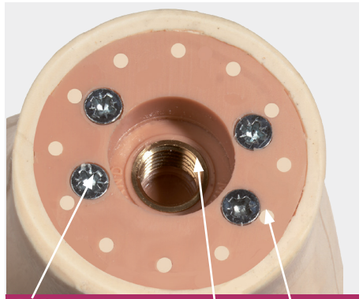
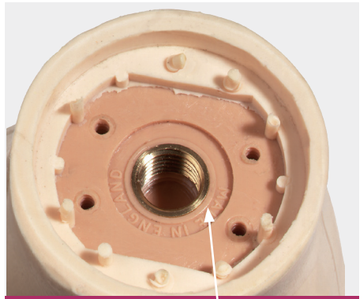
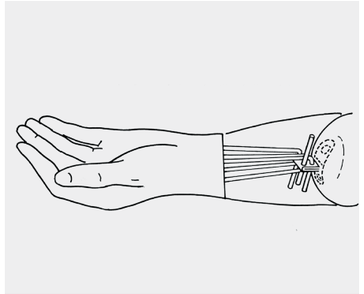




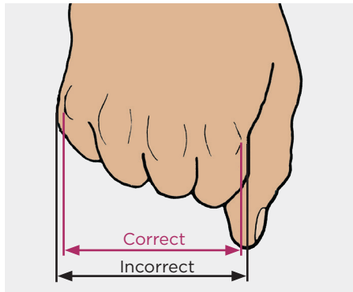


Cosmetic Hands and Gloves

Cosmetic Hands and Gloves							
Cosmetic Hand Part Number	Cosmetic Hand Extended Wires Part Number	Left / Right	Hand Size	Application	Glove Number	Fitted Measures Palm Circumference	Fitted Measures Middle Finger
B11081	B11103	Left	2” x 3” x 1 ½”	Unisex Child - 2-5 Yrs	19	126mm (5”)	49mm (2”)
B11082	B11104	Right	2” x 3” x 1 ½”	Unisex Child - 2-5 Yrs	20	127mm (5”)	49mm (2”)
B11079	B11105	Left	2 ¼” x 4” x 1 ¾”	Unisex Child - 5-8 Yrs	23	141mm (5 ½”)	58mm (2 ¼”)
B11080	B11106	Right	2 ¼” x 4” x 1 ¾”	Unisex Child - 5-8 Yrs	24	145mm (5 ¾”)	61mm (2 ⅜”)
B11077	B11101	Left	2 ⅜” x 4” x 1 ¾”	Unisex Child - 6-10 Yrs	17	156mm (6 ⅛”)	61mm (2 ⅜”)
B11078	B11102	Right	2 ⅜” x 4” x 1 ¾”	Unisex Child - 6-10 Yrs	18	152mm (6”)	67mm (2 ⅝”)
B11075	B11099	Left	2 ½” x 4” x 1 ¾”	Unisex Child - 8-12 Yrs	15	160mm (6 ¼”)	66mm (2 ⅝”)
B11076	B11100	Right	2 ½” x 4” x 1 ¾”	Unisex Child - 8-12 Yrs	16	160mm (6 ¼”)	69mm (2 ¾”)
B11073	B11097	Left	2 ½” x 5” x 2”	Female Child - 8-12 Yrs	11	165mm (6 ½”)	72mm (2 ⅞”)
B11074	B11098	Right	2 ½” x 5” x 2”	Female Child - 8-12 Yrs	12	172mm (6 ¾”)	71mm (2 ¾”)
FHL7	FHEXL7	Left	2 ¾” x 5 ½” x 2 ⅛”	Female Youth / Adult	L7	172mm (6 ¾”)	82mm (3 ¼”)
FHL8	FHEXL8	Right	2 ¾” x 5 ½” x 2 ⅛”	Female Youth / Adult	L8	172mm (6 ¾”)	83mm (3 ¼”)
B11069	B11095	Left	2 ¾” x 5 ½” x 2 ⅛”	Female Youth / Adult	7	169mm (6 ⅝”)	75mm (3”)
B11070	B11096	Right	2 ¾” x 5 ½” x 2 ⅛”	Female Youth / Adult	8	173mm (6 ¾”)	79mm (3 ⅛”)
B11067	B11067EX	Left	2 ¾” x 5 ½” x 2 ⅛”	Unisex Youth / Adult - HD	107, 90	168mm (6 ⅝”)	75mm (3”)
B11068	B11068EX	Right	2 ¾” x 5 ½” x 2 ⅛”	Unisex Youth / Adult - HD	108, 91	175mm (6 ⅞”)	75mm (3”)
FHL5	FHEXL5	Left	3” x 5 ½” x 2 ⅛”	Unisex Adult	L5	186mm (7 ¼”)	81mm (3 3⁄16”)
FHL6	FHEXL6	Right	3” x 5 ½” x 2 ⅛”	Unisex Adult	L6	186mm (7 ¼”)	85mm (3 ⅜”)
B11063	B11091	Left	3” x 5 ½” x 2 ⅛”	Male Adult	5	183mm (7 3⁄16”)	83mm (3 ¼”)
B11064	B11092	Right	3” x 5 ½” x 2 ⅛”	Male Adult	6	188mm (7 ⅜”)	83mm (3 ¼”)
B11065	B11093	Left	3” x 5 ½” x 2 ⅛”	Female Adult	5	184mm (7 ¼”)	84mm (3 5⁄16”)
B11066	B11094	Right	3” x 5 ½” x 2 ⅛”	Female Adult	6	187mm (7 ⅜”)	88mm (3 ½”)
B11061	B11061EX	Left	3” x 5 ½” x 2 ⅛”	Female Adult - HD	105L	191mm (7 ½”)	80mm (3 ⅛”)
B11062	B11062EX	Right	3” x 5 ½” x 2 ⅛”	Female Adult - HD	106L	189mm (7 ½”)	82mm (3 ¼”)
FHL3	FHEXL3	Left	3 ¼” x 5 ½” x 2 ⅛”	Male Adult	L3	205mm (8”)	89mm (3 ½”)
FHL4	FHEXL4	Right	3 ¼” x 5 ½” x 2 ⅛”	Male Adult	L4	205mm (8”)	90mm (3 ½”)
B11059	B11087	Left	3 ¼” x 5 ½” x 2 ⅛”	Male Adult	3	204mm (8”)	90mm (3 ½”)
B11060	B11088	Right	3 ¼” x 5 ½” x 2 ⅛”	Male Adult	4	205mm (8”)	88mm (3 ½”)
FHL21	FHEXL21	Left	3 ¼” x 5 ½” x 2 ⅛”	Male Adult - Long Fingers	L21	202mm (7 ⅞”)	95mm (3 ¾”)
FHL22	FHEXL22	Right	3 ¼” x 5 ½” x 2 ⅛”	Male Adult - Long Fingers	L22	202mm (7 ⅞”)	95mm (3 ¾”)
B11057	B11089	Left	3 ¼” x 5 ½” x 2 ⅛”	Male Adult - Long Fingers	21	204mm (8”)	100mm (4”)
B11058	B11090	Right	3 ¼” x 5 ½” x 2 ⅛”	Male Adult - Long Fingers	22	202mm (7 ⅞”)	94mm (3 ⅝”)
B11055	B11055EX	Left	3 ¼” x 5 ½” x 2 ⅛”	Male Adult - HD	103	201mm (7 ⅞”)	89mm (3 ½”)
B11056	B11056EX	Right	3 ¼” x 5 ½” x 2 ⅛”	Male Adult - HD	104	205mm (8”)	90mm (3 ½”)
FHL1	FHEXL1	Left	3 ½” x 5 ½” x 2 ⅛”	Male Adult	L1	212mm (8 ¼”)	100mm (4”)
FHL2	FHEXL2	Right	3 ½” x 5 ½” x 2 ⅛”	Male Adult	L2	212mm (8 ¼”)	98mm (3 ⅞”)
B11053	B11083	Left	3 ½” x 5 ½” x 2 ⅛”	Male Adult	1	220mm (8 ⅝”)	99mm (3 ⅞”)
B11054	B11084	Right	3 ½” x 5 ½” x 2 ⅛”	Male Adult	2	219mm (8 ⅝”)	103mm (4”)
B21139	B21139EX	Left	3 ¾” x 5 ½” x 2 ⅛”	Male Adult	200	229mm (9”)	108mm (4 ¼”)
B21140	B21140EX	Right	3 ¾” x 5 ½” x 2 ⅛”	Male Adult	201	229mm (9”)	108mm (4 ¼”)

TrueFinish™
Colour Swatch E24655.
USA Version E24658

Two-tone finish PVC glove



Across knuckle dimension
indication of UK sizing method

Cosmetic gloves

We manufacture a wide range of cosmetic gloves in both PVC and silicone to suit Steeper hands as well as hands from other manufacturers.

Both PVC and silicone gloves are available in Standard or TrueFinish™. TrueFinish™ features micropigmentation for a more lifelike appearance, available in 19 colours (E0 - E18).

Our glove range is detailed over the following pages with reference made to the glove number e.g. 302.
To select the correct glove apply a prefix to the number as follows;

CG - Standard PVC
TG - TrueFinish™ PVC
SG - Standard Silicone
TSG - TrueFinish™ Silicone
e.g: TSG302/E4 - TrueFinish™ Silicone Glove 7 ¾" Left, Colour E4

To help you select the most appropriate colour of glove, swatches are available and supplied without charge. These are manufactured from production silicone for the most accurate colour matching and will not fade or discolour over time.

E24655 - Glove Colour Swatch - TrueFinish™
E24658 - USA Glove Colour Swatch - TrueFinish™
E24654 - Glove Colour Swatch - Standard

Elegance gloves

A range of full-length gloves designed for our electric and mechanical hands as well as functional hands from other manufacturers. Available in PVC or silicone they provide a tough interface, superior cosmetic finish and uninhibited hand function.

Two-tone finish gloves

Two-tone finish gloves are available in CG or TG. Please select the palmar colour (lighter and always allocated to the palm) and then the secondary dorsal colour. The dorsal colour is then applied to the glove to complete the two-tone appearance. Please use the glove ordering chart where this is required and discuss your requirements with your local supplier.

Partial hand gloves

Several popular glove sizes are also available with a wider wrist and are recognisable by the identifier PH.

e.g: TG3PH - TrueFinish™ PVC, 3 ¼" Left Wide Wrist

These can be used for partial hand patients who require a cosmetic replacement. The wider wrist allows the residual limb to fit inside the glove and the remaining void can be filled with a soft filler.

For partial hand patients where the residual limb will not fit inside the glove, a zip may be fitted to CG and TG gloves. Please use the glove ordering chart where this is required and discuss your requirements with your local supplier.

Please refer to page 08 for cosmetic glove colour options.

1 2 3 4 5 6 7 8 9 10 11 12

2” - Children 2-5 Years - Unisex

Left	
Glove Part Number	19
Foam Hand Part Number	B11081
Foam Hand Extended Wires	B11103
Width Across Knuckles	2”
Wrist Diameter	38mm (1 ½”)
Hand Length	3”
Palm Circumference	126mm (5”)
Middle Finger Length	49mm (2”)

Right	
Glove Part Number	20
Foam Hand Part Number	B11082
Foam Hand Extended Wires	B11104
Width Across Knuckles	2”
Wrist Diameter	38mm (1 ½”)
Hand Length	3”
Palm Circumference	127mm (5”)
Middle Finger Length	49mm (2”)

Note: Round Wrist Insert with M12 Option.

2 ¼” - Children 5-8 Years - Unisex

Left	
Glove Part Number	23
Foam Hand Part Number	B11079
Foam Hand Extended Wires	B11105
Width Across Knuckles	2 ¼”
Wrist Diameter	45mm (1 ¾”)
Hand Length	4”
Palm Circumference	141mm (5 ½”)
Middle Finger Length	58mm (2 ¼”)

Right	
Glove Part Number	24
Foam Hand Part Number	B11080
Foam Hand Extended Wires	B11106
Width Across Knuckles	2 ¼”
Wrist Diameter	45mm (1 ¾”)
Hand Length	4”
Palm Circumference	145mm (5 ¾”)
Middle Finger Length	61mm (2 ⅜”)

Note: Oval Wrist Insert with M12 Option.

2 ⅜” - Children 6-10 Years - Unisex

Left	
Glove Part Number	17
Foam Hand Part Number	B11077
Foam Hand Extended Wires	B11101
Width Across Knuckles	2 ⅜”
Wrist Diameter	45mm (1 ¾”)
Hand Length	4”
Palm Circumference	156mm (6 ⅛”)
Middle Finger Length	61mm (2 ⅜”)

Right	
Glove Part Number	18
Foam Hand Part Number	B11078
Foam Hand Extended Wires	B11102
Width Across Knuckles	2 ⅜”
Wrist Diameter	45mm (1 ¾”)
Hand Length	4”
Palm Circumference	152mm (6”)
Middle Finger Length	67mm (2 ⅝”)

Note: Oval Wrist Insert with M12 Option.

2 ½” - Children 8-12 Years - Unisex

Left	
Glove Part Number	15
Foam Hand Part Number	B11075
Foam Hand Extended Wires	B11099
Width Across Knuckles	2 ½”
Wrist Diameter	45mm (1 ¾”)
Hand Length	4”
Palm Circumference	160mm (6 ¼”)
Middle Finger Length	66mm (2 ⅝”)

Right	
Glove Part Number	16
Foam Hand Part Number	B11076
Foam Hand Extended Wires	B11100
Width Across Knuckles	2 ½”
Wrist Diameter	45mm (1 ¾”)
Hand Length	4”
Palm Circumference	160mm (6 ¼”)
Middle Finger Length	69mm (2 ¾”)

Note: Oval Wrist Insert with M12 Option.

2 ½” - Child 8-12 Years - Female

Left	
Glove Part Number	11
Foam Hand Part Number	B11073
Foam Hand Extended Wires	B11097
Width Across Knuckles	2 ½”
Wrist Diameter	50mm (2”)
Hand Length	5”
Palm Circumference	165mm (6 ½”)
Middle Finger Length	72mm (2 ⅞”)

Right	
Glove Part Number	12
Foam Hand Part Number	B11074
Foam Hand Extended Wires	B11098
Width Across Knuckles	2 ½”
Wrist Diameter	50mm (2”)
Hand Length	5”
Palm Circumference	172mm (6 ¾”)
Middle Finger Length	71mm (2 ¾”)

Long Mould

2 ¾” - Female Youth / Female Adult Long Mould

Left	
Glove Part Number	L7
Foam Hand Part Number	FHL7
Foam Hand Extended Wires	FHEXL7
Width Across Knuckles	2 ¾”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	172mm (6 ¾”)
Middle Finger Length	82mm (3 ¼”)
Length of Glove	560mm (22”)

Right	
Glove Part Number	L8
Foam Hand Part Number	FHL8
Foam Hand Extended Wires	FHEXL8
Width Across Knuckles	2 ¾”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	172mm (6 ¾”)
Middle Finger Length	83mm (3 ¼”)
Length of Glove	560mm (22”)

1 2 3 4 5 6 7 8 9 10 11 12

2 ¾” - Female Youth / Female Adult

Left	
Glove Part Number	7
Foam Hand Part Number	B11069
Foam Hand Extended Wires	B11095
Width Across Knuckles	2 ¾”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	169mm (6 ⅝”)
Middle Finger Length	74mm (3”)

Right	
Glove Part Number	8
Foam Hand Part Number	B11070
Foam Hand Extended Wires	B11096
Width Across Knuckles	2 ¾”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	173mm (6 ¾”)
Middle Finger Length	79mm (3 ⅛”)

2 ¾” - Female Youth / Female Adult High Definition

Left	
Glove Part Number	107
Foam Hand Part Number	B11067
Foam Hand Extended Wires	B11067EX
Width Across Knuckles	2 ¾”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	168mm (6 ⅝”)
Middle Finger Length	75mm (3”)

Right	
Glove Part Number	108
Foam Hand Part Number	B11068
Foam Hand Extended Wires	B11068EX
Width Across Knuckles	2 ¾”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	175mm (6 ⅞”)
Middle Finger Length	75mm (3”)

2 ¾” - Male Youth / Male Adult
High Definition

Left	
Glove Part Number	90
Foam Hand Part Number	B11067
Foam Hand Extended Wires	B11067EX
Width Across Knuckles	2 ¾”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	168mm (6 ⅝”)
Middle Finger Length	75mm (3”)

Right	
Glove Part Number	91
Foam Hand Part Number	B11068
Foam Hand Extended Wires	B11068EX
Width Across Knuckles	2 ¾”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	175mm (6 ⅞”)
Middle Finger Length	75mm (3”)

Long Mould

3” - Male Adult / Female Adult
Unisex - Long Mould

Left	
Glove Part Number	L5
Foam Hand Part Number	FHL5
Foam Hand Extended Wires	FHEXL5
Width Across Knuckles	3”
Wrist Diameter 54mm	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	186mm (7 ¼”)
Middle Finger Length	81mm (3 ⅜”)
Length of Glove	600mm (23 ⅝”)

Right	
Glove Part Number	L6
Foam Hand Part Number	FHL6
Foam Hand Extended Wires	FHEXL6
Width Across Knuckles	W3”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	186mm (7 ¼”)
Middle Finger Length	85mm (3 ⅜”)
Length of Glove	600mm (23 ⅝”)

3” - Male Adult

Left	
Glove Part Number	5
Foam Hand Part Number	B11063
Foam Hand Extended Wires	B11091
Width Across Knuckles	3”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	183mm (7 3⁄16”)
Middle Finger Length	83mm (3 ¾”)

Right	
Glove Part Number	6
Foam Hand Part Number	B11064
Foam Hand Extended Wires	B11092
Width Across Knuckles	3”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	188mm (7 ⅜”)
Middle Finger Length	83mm (3 ¾”)

3” - Female Adult

Left	
Glove Part Number	5
Foam Hand Part Number	B11065
Foam Hand Extended Wires	B11093
Width Across Knuckles	3”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	184mm (7 ¼”)
Middle Finger Length	84mm (3 5⁄16”)

Right	
Glove Part Number	6
Foam Hand Part Number	B11066
Foam Hand Extended Wires	B11094
Width Across Knuckles	3”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	187mm (7 ⅜”)
Middle Finger Length	88mm (3 7⁄16”)

3” - Female Adult - High Definition

Left	
Glove Part Number	105L
Partial Hand Glove Part Number	105PH
Foam Hand Part Number	B11061
Foam Hand Extended Wires	B11061EX
Width Across Knuckles	3”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	191mm (7 ½”)
Middle Finger Length	80mm (3 ⅛”)

Right	
Glove Part Number	106L
Partial Hand Glove Part Number	106PH
Foam Hand Part Number	B11062
Foam Hand Extended Wires	B11062EX
Width Across Knuckles	3”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	189mm (7 ½”)
Middle Finger Length	82mm (3 ¼”)

Long Mould

3 ¼” - Male Adult - Long Mould

Left	
Glove Part Number	L3
Foam Hand Part Number	FHL3
Foam Hand Extended Wires	FHEXL3
Width Across Knuckles	3 ¼”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	205mm (8”)
Middle Finger Length	89mm (3 ½”)
Length of Glove	620mm (24 ½”)

Right	
Glove Part Number	L4
Foam Hand Part Number	FHL4
Foam Hand Extended Wires	FHEXL4
Width Across Knuckles	3 ¼”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	205mm (8”)
Middle Finger Length	90mm (3 ½”)
Length of Glove	620mm (24 ½”)

3 ¼” - Male Adult

Left	
Glove Part Number	3
Foam Hand Part Number	B11059
Foam Hand Extended Wires	B11087
Width Across Knuckles	3 ¼”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	204mm (8”)
Middle Finger Length	90mm (3 ½”)

Right	
Glove Part Number	4
Foam Hand Part Number	B11060
Foam Hand Extended Wires	B11088
Width Across Knuckles	3 ¼”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	205mm (8”)
Middle Finger Length	88mm (3 ½”)

Long Mould

3 ¼” - Male Adult - Long Fingers Long Mould

Left	
Glove Part Number	L21
Foam Hand Part Number	FHL21
Foam Hand Extended Wires	FHEXL21
Width Across Knuckles	3 ¼”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	202mm (7 ⅞”)
Middle Finger Length	95mm (3 ¾”)
Length of Glove	620mm (24 ½”)

Right	
Glove Part Number	L22
Foam Hand Part Number	FHL22
Foam Hand Extended Wires	FHEXL22
Width Across Knuckles	3 ¼”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	202mm (7 ⅞”)
Middle Finger Length	95mm (3 ¾”)
Length of Glove	620mm (24 ½”)

1 2 3 4 5 6 7 8 9 10 11 12

3 ¼” - Male Adult - Long Fingers

Left	
Glove Part Number	21
Foam Hand Part Number	B11057
Foam Hand Extended Wires	B11089
Width Across Knuckles	3 ¼”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	204mm (8”)
Middle Finger Length	100mm (4”)

Right	
Glove Part Number	22
Foam Hand Part Number	B11058
Foam Hand Extended Wires	B11090
Width Across Knuckles	3 ¼”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	202mm (7 ⅞”)
Middle Finger Length	94mm (3 ⅝”)

3 ¼” - Male Adult - High Definition

Left	
Glove Part Number	103
Foam Hand Part Number	B11055
Foam Hand Extended Wires	B11055EX
Width Across Knuckles	3 ¼”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	201mm (7 ⅞”)
Middle Finger Length	89mm (3 ½”)

Right	
Glove Part Number	104
Foam Hand Part Number	B11056
Foam Hand Extended Wires	B11056EX
Width Across Knuckles	3 ¼”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	205mm (8”)
Middle Finger Length	90mm (3 ½”)

Long Mould

3 ½” - Male Adult - Long Mould

Left	
Glove Part Number	L1
Foam Hand Part Number	FHL1
Foam Hand Extended Wires	FHEXL1
Width Across Knuckles	3 ½”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	212mm (8 ¼”)
Middle Finger Length	100mm (4”)
Length of Glove	600mm (23 ⅝”)

Right	
Glove Part Number	L2
Foam Hand Part Number	FHL2
Foam Hand Extended Wires	FHEXL2
Width Across Knuckles	3 ½”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	212mm (8 ¼”)
Middle Finger Length	98mm (3 ⅞”)
Length of Glove	600mm (23 ⅝”)

3 ½” - Male Adult

Left	
Glove Part Number	1
Foam Hand Part Number	B11053
Foam Hand Extended Wires	B11083
Width Across Knuckles	3 ½”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	220mm (8 ⅝”)
Middle Finger Length	99mm (4 ⅞”)

Right	
Glove Part Number	2
Foam Hand Part Number	B11054
Foam Hand Extended Wires	B11084
Width Across Knuckles	3 ½”
Wrist Diameter	54mm (2 ⅛”)
Hand Length	5 ½”
Palm Circumference	219mm (8 ⅝”)
Middle Finger Length	103mm (4”)

3 ¾" - Male Adult

Left	
Glove Part Number	200
Foam Hand Part Number	B21139
Foam Hand Extended Wires	B21139EX
Width Across Knuckles	3 ¾"
Wrist Diameter	54mm (2 ⅛")
Hand Length	5 ½"
Palm Circumference	229mm (9")
Middle Finger Length	108mm (4 ¼")

Right	
Glove Part Number	201
Foam Hand Part Number	B21140
Foam Hand Extended Wires	B21140EX
Width Across Knuckles	3 ¾"
Wrist Diameter	54mm (2 ⅛")
Hand Length	5 ½"
Palm Circumference	229mm (9")
Middle Finger Length	108mm (4 ¼")

Cosmetic Glove Order Form

Gloves					
CG / TG / SG / TSG	Model Number	Colour (E0 - E18)	Quantity	Cosmetic Hand Required	Quantity
e.g. TG	L1	E4	3	YES	1

Zip Fitting	
Length Required from Top of Glove to Thumb Tip	
Position of Zip: Palmar	
Dorsal	
Zip Length	

Two Tone						
CG / TG ONLY	Model Number	Palmar Colour (E0 - E18)	Dorsal Colour (E9, E10, E13, E16, E18)	Quantity	Cosmetic Hand Required	Quantity
e.g. TG	L22	E4	E16	1	NO	0

Non-Standard Finishes (Please tick)	
Uncut	☐
Unpainted Nails	☐
Bilateral	☐

Customer Details

Name _____

Address _____

_____

_____

Date _____

P/O No. _____

Other Remarks / Requirements

_____

_____

_____

_____

_____

_____

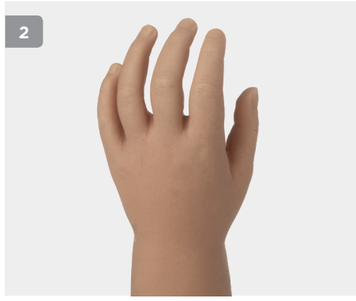
Infant Foam Filled Cosmetic Gloves

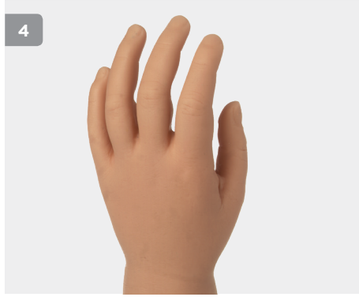
An infant's first cosmetic prosthesis can be fitted between two and six months of age.

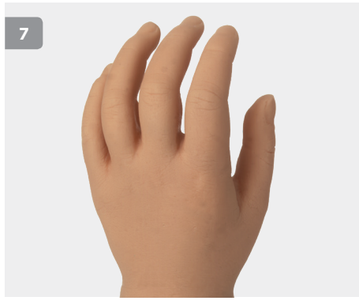
This lightweight solution of foam filled, PVC cosmetic glove can assist child development by aiding sitting balance, crawling and play activities.

1 2 3 4 5 6 7 8 9 10 11 12

Infant Foam Filled Cosmetic Gloves







Infant Foam Filled PVC Gloves							
	Part Number	Width across Knuckles	Palm Circumference	Middle Finger Length	Application	Left / Right	Length of Foam Fill (Thumb tip to base of glove)
1	AH45/60#	1 ½”	96mm (3 ¾”)	45mm (1 ¾”)	Infants	Left	6”
	AH45/61#	1 ½”	96mm (3 ¾”)	45mm (1 ¾”)	Infants	Right	6”
2	AH45/25#	1 ⅝”	98mm (3 ⅞”)	46mm (1 ⅞”)	Infants	Left	7”
	AH45/26#	1 ⅝”	98mm (3 ⅞”)	46mm (1 ⅞”)	Infants	Right	7”
3	AH45/64#	1 ⅝”	106mm (4 ⅛”)	35mm (1 ⅜”)	Infants, Chubby	Left	7”
	AH45/65#	1 ⅝”	106mm (4 ⅛”)	35mm (1 ⅜”)	Infants, Chubby	Right	7”
4	AH45/13#	1 ¾”	105mm (4 ⅛”)	49mm (2”)	Infants	Left	8”
	AH45/14#	1 ¾”	105mm (4 ⅛”)	49mm (2”)	Infants	Right	8”
5	AH45/62#	1 ¾”	112mm (4 ½”)	43mm (1 ¾”)	Infants, Chubby	Left	8”
	AH45/63#	1 ¾”	112mm (4 ⅜”)	43mm (1 ¾”)	Infants, Chubby	Right	8”
6	AH45/27#	1 ⅞”	116mm (4 ⅝”)	54mm (2 ⅛”)	Infants	Left	8”
	AH45/28#	1 ⅞”	116mm (4 ⅝”)	54mm (2 ⅛”)	Infants	Right	8”
7	AH45/19#	2”	125mm (4 ⅞”)	57mm (2 ¼”)	Infants	Left	8 ¼”
	AH45/20#	2”	125mm (4 ⅞”)	57mm (2 ¼”)	Infants	Right	8 ¼”

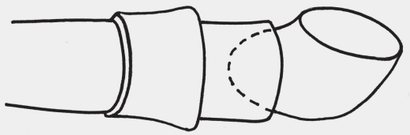
Note: # Denotes colour. Available in Standard PVC only. 19 colours available - Colour swatch E24654 applies.
The above sizes are only available as Foam Filled Gloves.

Manufacturing Guide

Fig. 1

Ascertain desired overall length.

Fig. 2



Peel back glove.

Fig. 3 Fig. 4

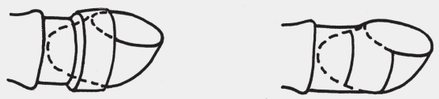


Fig. 3 Shorten and hollow foam so socket is seated within at desired length. Glue socket in position. Allow for correct hand-socket orientation.
Fig. 4 Smooth foam socket transition.

Fig. 5

Roll glove back up and trim as required.

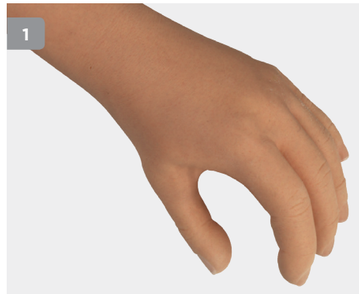
Elegance Cosmetic Gloves

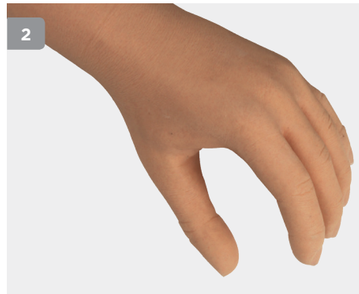
A range of full-length, long-mould PVC and silicone gloves designed for the rigours of functional activity. Designed to fit onto electric and mechanical hands, this range allows full hand function with excellent cosmetic properties.

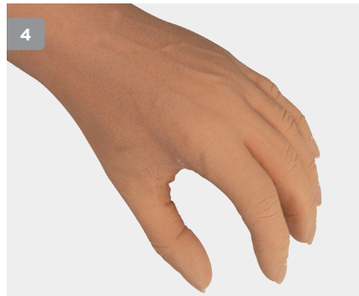
Elegance silicone gloves offer the toughness associated with PVC and the ease of cleaning provided by silicone.

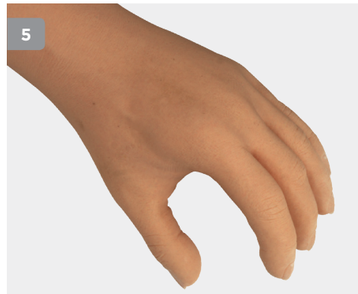
Recommended for Steeper, Ottobock, Motion Control and Hosmer adult and youth, myoelectric, spring and cable operated hands.

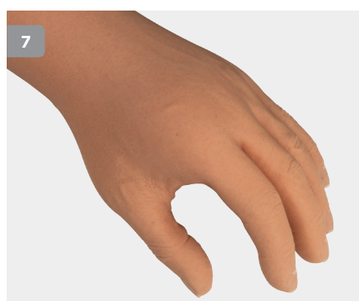
1 2 3 4 5 6 7 8 9 10 11 12











Ordering Example	
TSG300 / E5 Orders an 8 ¼ Left Silicone Glove in TrueFinish™ colour E5	CG300 / E5 Orders an 8 ¼ Left PVC Glove in Standard colour E5
TG300 / E5 Orders an 8 ¼ Left PVC Glove in TrueFinish™ colour E5	SG300 / E5 Orders an 8 ¼ Left Silicone Glove in Standard colour E5

Please refer to page 08 for Elegance glove colour options.

PVC and silicone gloves can be requested with the following non-standard finishes: uncut, unpainted nails.
If a non-standard finish or bilateral glove is required, please tick the relevant box on the order form on page 90.

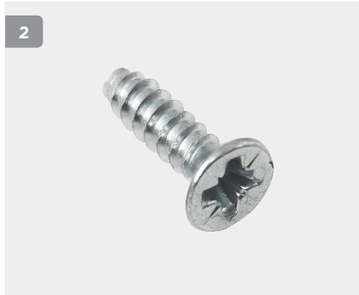
Elegance Cosmetic Glove - Silicone						
Standard Colours						
Size		Approx Length	Application	Left	Right	Colour Range
1	6 ¾	460mm (18 ⅛")	Youth	SG310	SG311	E0 to E18
2	7	520mm (20 ½")	Female / Youth	SG308	SG309	E0 to E18
3	7 ¼	645mm (25 ⅜")	Youth	SG306	SG307	E0 to E18
4	7 ¼	645mm (25 ⅜")	Female	SG304	SG305	E0 to E18
5	7 ¾	620mm (24 ½")	Female	SG312	SG313	E0 to E18
6	7 ¾	645mm (25 ⅜")	Male	SG302	SG303	E0 to E18
7	8 ¼	645mm (25 ⅜")	Male	SG300	SG301	E0 to E18

Elegance Cosmetic Glove - Silicone						
TrueFinish™ Colours						
Size		Approx Length	Application	Left	Right	Colour Range
1	6 ¾	460mm (18 ⅛")	Youth	TSG310	TSG311	E0 to E18
2	7	520mm (20 ½")	Female / Youth	TSG308	TSG309	E0 to E18
3	7 ¼	645mm (25 ⅜")	Youth	TSG306	TSG307	E0 to E18
4	7 ¼	645mm (25 ⅜")	Female	TSG304	TSG305	E0 to E18
5	7 ¾	620mm (24 ½")	Female	TSG312	TSG313	E0 to E18
6	7 ¾	645mm (25 ⅜")	Male	TSG302	TSG303	E0 to E18
7	8 ¼	645mm (25 ⅜")	Male	TSG300	TSG301	E0 to E18

Elegance Cosmetic Glove - PVC						
Standard Colours						
Size		Approx Length	Application	Left	Right	Colour Range
1	6 ¾	460mm (18 ⅛")	Youth	CG310	CG311	E0 to E18
2	7	520mm (20 ½")	Female / Youth	CG308	CG309	E0 to E18
3	7 ¼	645mm (25 ⅜")	Youth	CG306	CG307	E0 to E18
4	7 ¼	645mm (25 ⅜")	Female	CG304	CG305	E0 to E18
5	7 ¾	620mm (24 ½")	Female	CG312	CG313	E0 to E18
6	7 ¾	645mm (25 ⅜")	Male	CG302	CG303	E0 to E18
7	8 ¼	645mm (25 ⅜")	Male	CG300	CG301	E0 to E18

Elegance Cosmetic Glove - PVC						
TrueFinish™ Colours						
Size		Approx Length	Application	Left	Right	Colour Range
1	6 ¾	460mm (18 ⅛")	Youth	TG310	TG311	E0 to E18
2	7	520mm (20 ½")	Female / Youth	TG308	TG309	E0 to E18
3	7 ¼	645mm (25 ⅜")	Youth	TG306	TG307	E0 to E18
4	7 ¼	645mm (25 ⅜")	Female	TG304	TG305	E0 to E18
5	7 ¾	620mm (24 ½")	Female	TG312	TG313	E0 to E18
6	7 ¾	645mm (25 ⅜")	Male	TG302	TG303	E0 to E18
7	8 ¼	645mm (25 ⅜")	Male	TG300	TG301	E0 to E18

Enhanced Steeplon Hand



Enhanced Steeplon Hand Strong and robust in construction with four rigid fingers and a spring loaded thumb for manual operation providing a lateral grip.						
	Part Number	Size	UK Size	Left / Right	Application	Wrist
1	C22047#	7 ¼	2 ¾” x 5 ½” x 2 ⅛”	Left	Adult	54mm (2 ⅛”)
	C22048#	7 ¼	2 ¾” x 5 ½” x 2 ⅛”	Right	Adult	54mm (2 ⅛”)
	C22049#	7 ½	3” x 5 ½” x 2 ⅛”	Left	Adult	54mm (2 ⅛”)
	C22050#	7 ½	3” x 5 ½” x 2 ⅛”	Right	Adult	54mm (2 ⅛”)
	C22051#	7 ¾	3 ¼” x 5 ½” x 2 ⅛”	Left	Adult	54mm (2 ⅛”)
	C22052#	7 ¾	3 ¼” x 5 ½” x 2 ⅛”	Right	Adult	54mm (2 ⅛”)

Note: Supplied with handplate B01172. Other handplates available on request.
Note: #Denotes finish colour. Add PK for Flesh Pink, ST for Suntan, MB for Mid Brown or DB for Dark Brown.

Colours for Steeplon Hand (for indication only).

Fitting Screw			
	Part Number	Description	Supplied
2	NSC6011	Replacement Hand Plate Fitting Screw - Steeplon Hand	Each

Leather Gloves					
	Part Number	Hand Size	UK Glove Size	Colour	Supplied
3	NGL0001	7 ¼ (2 ¾”)	6 ½	Brown	Pair
	NGL0003	7 ½ (3”)	7	Brown	Pair
	NGL0005	7 ¾ (3 ¼”)	7 ½	Brown	Pair
	NGL0006	8 (3 ½”)	8	Brown	Pair
	NGL0007	8 ¼ (3 ¾”)	8 ½	Brown	Pair
	NGL0008	9 (4 ½”)	9	Brown	Pair
	NGL0009	9 ¼ (4 ¾”)	9 ½	Brown	Pair
	NGL0002	10 (5 ½”)	10	Brown	Pair

Note: A bespoke glove service is available for partial hand patients.

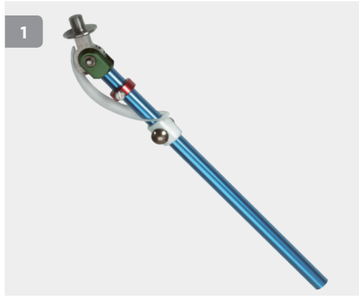
Modular Arm System Components

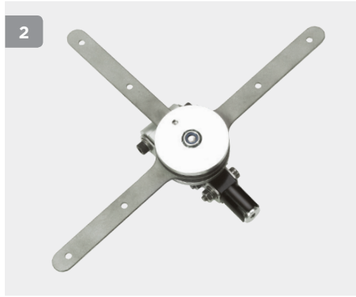
A truly modular system with multiple interchange options, allows for rapid assembly and provides a light and easily adjustable alternative for transradial through to shoulder disarticulation levels. Finished in soft foam, our modular arm system gives a “soft feel” when compared to exoskeletal systems and may be shaped for added cosmetic result.

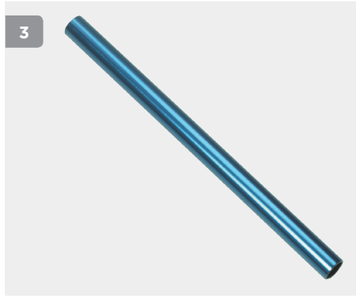
Growth may also be easily accommodated through the use of system components. For transhumeral and higher levels, the upper and lower forearm are connected through an elbow joint that may be manually locked in any one of four positions. The elbow joint is also suited to long transhumeral residual limbs due to its reduced build height option.

An overview prescription guide for Modular Arm System Components is available on pages **13-14.**

1 2 3 4 5 6 7 8 9 10 11 12







Modular Arm System Components

Elbow Unit

Part Number		Description	Weight
1	C22750	Elbow Unit - hand operated, four lock positions. Tubular construction in aluminium	230g (8 oz)

Minimum Proximal Build Height using Friction Housing - 45mm
Minimum Forearm Length using Friction Wrist or Oval Adapter - 135mm
Minimum Forearm Length using Female Adapters - 140mm Proximal Thread ½" UNF X 20 TPI

Shoulder Unit

Part Number		Description	Weight
2	C22751	Arm Shoulder Unit - two independent friction controls for flexion / extension and abduction / adduction	170g (6 oz)

Limit stop on flexion / extension range

Connection Tube

Part Number		Description	Weight
3	B22753	Aluminium Connection Tube, 230mm (9") Long	46g (1 ½ oz)

15.6mm (⅝") Outer Diameter 12.7mm (½") Inner Diameter

Socket Interface

Part Number		Description	Weight	Height
4	B06576	Lamination Adapter, Fixed. Supplied with Split Pin (NPN0009)	30g (1 oz)	39mm (1 ½")

Direct attachment to Connection Tube B22753

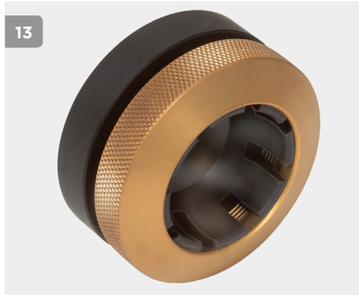
Friction Housing

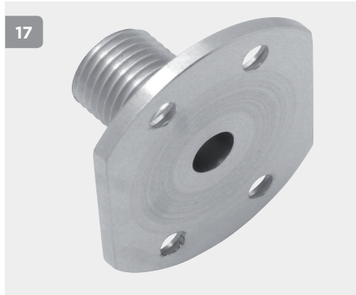
Part Number		Description	Thread	Weight	Height
5	NHD55108	Friction Housing 40mm (1 ½")	Internal Thread ½" UNF x 20 TPI	23g (1 oz)	16mm (⅝")
	NHD55109	Friction Housing 45mm (1 ¾")	Internal Thread ½" UNF x 20 TPI	28g (1 oz)	16mm (⅝")
	NHD55110	Friction Housing 50mm (2")	Internal Thread ½" UNF x 20 TPI	35g (1 oz)	16mm (⅝")

Adjustable collar applies constant friction to thread

System Adapters

Part Number		Description	Thread	Weight	Height
6	B22513	Female Tube Adapter - To be used as wrist option on C22750, or link proximal C22750 with Connector Tube B22753	Internal Thread ½" UNF x 20 TPI	33g (1 oz)	50mm (2")
	B23370	Female Tube Adapter - To be used as wrist option on C22750	Internal M12 Thread	33g (1 oz)	50mm (2")
7	B22760	Universal Wrist Adapter - To be used as wrist option on C22750. Allows constant friction control over wrist flexion / extension and rotation	Internal Thread ½" UNF x 20 TPI	34g (1 oz)	27.5mm (1 1/16")
8	B22518	Male Tube Adapter - Allows connection between Connection Tube B22753 and Friction Housing NHD55108 - NHD55110	Internal Thread ½" UNF x 20 TPI	12g (½ oz)	41mm (1 ⅝")
9	B22766	Female Tube Adapter - To be used as wrist option on C22750, links to hands with female M12 thread	External M12 x 1.5mm	20g (½ oz)	22mm (⅞")
10	B22762	Extension Female Adapter - Allows an existing system to be lengthened	½" UNF x 20 TPI External to Internal thread	37g (1 oz)	27mm (1 1/16")
11	B06856	Hand Connection Plate - Oval no rotation. Supplied with NPN0009 For use with passive hands with oval wrist option.		15g (½ oz)	20mm (¾")
12	B17950	Friction Wrist Adapter 50mm (2") - Supplied with NPN0009 For use with 2" Friction Wrist and Connection Plates. Please see page 117-118		44g (1 ½ oz)	32mm (1 ¼")
	B17951	Friction Wrist Adapter 54mm (2 ⅛") - Supplied with NPN0009 For use with 2 ⅛" Friction Wrist and Connection Plates. Please see page 117-118		50g (2 oz)	32mm (1 ¼")





Modular Arm System Components

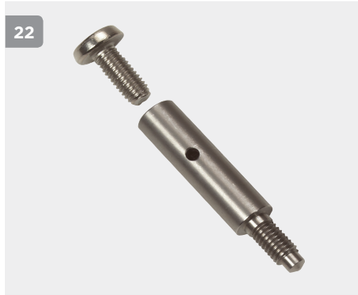
Friction Housing					
Part Number		Description	Thread	Weight	Height
13	B22505	Multi-Axial Wrist Housing 54mm (2 ⅛") - Attaches to 54mm Hand Connection Plate. Ball Insert supplied separately		48g (1 ½ oz)	25mm (1")
14	B22763	Free Flexion Ball Insert - Allows rotation, flexion and extension	Internal Thread ½" UNF x 20 TPI	19g (½ oz)	24mm (1")
	B22503	Free Flexion Ball Insert - Allows rotation, flexion and extension	Internal Thread ⅜" BSW	20g (½ oz)	24mm (1")
15	B22764	Locked Flexion Ball Insert - Allows rotation only	Internal Thread ½" UNF x 20 TPI	21g (½ oz)	26.5mm (1")
	B22765	Locked Flexion Ball Insert - Allows rotation only	Internal Thread ⅜" BSW	23g (½ oz)	26.5mm (1")

Hand Plates - (North American) For use with Modular Arm System Adapters						
Part Number		Wrist Size	External Thread	Shape	Weight	Height
16	B22758	40mm (1 ½")	½" x 20 TPI	Round - Ottobock Hand Attachment	16g (½ oz)	25mm (1")
	B22757	45mm (1 ¾")	½" x 20 TPI	Round - Steeper Hand Attachment	16g (½ oz)	25mm (1")
	B22756	50mm (2")	½" x 20 TPI	Round - Steeper Hand Attachment	17g (½ oz)	25mm (1")
	B22755	54mm (2 ⅛")	½" x 20 TPI	Round - Steeper Hand Attachment	19g (½ oz)	25mm (1")
B22758, B22757, B22756 and B22755 are also compatible with Ottobock fastening arrangements						
17	B06257	45mm (1 ¾") Oval	½" x 20 TPI	Oval Wrist Passive Hand	10g (½ oz)	25mm (1")

Threaded Insert		
Part Number		Description
18	B26431	Threaded Stem. M12 x 1.5mm - ½" x 20 TPI
	B26430	Threaded Stem. M12 x 1.5mm - M12 x 1.5mm

Inner Foam Cosmesis			
Part Number		Description	Weight
19	C11151	Inner Foam Cosmesis - Transhumeral	134g (5 oz)
	C11152	Inner Foam Cosmesis - Transradial	134g (5 oz)

Outer Fabric Cosmesis				
Part Number		Description	Thread	Length
20	NOB0002	Stockinette Cover	Flesh Pink	1m lengths



Other Spare Parts - Elbow Unit			
Part Number		Description	Supplied
21	NPN0009	Split Pin	Each
21a	B06005	Conversion Sleeve - External Thread ½" UNF x 20 TPI, Internal Thread ⅜" BSW To convert UK External Thread to US External Thread	Each
	B23372	Conversion Sleeve - External Thread ½" UNF x 20 TPI, Internal Thread 5⁄16" BSF To convert UK Child External Thread to US External Thread	Each

Other Spare Parts - Elbow Unit		
Part Number		Description
22	B22843	Flexion Bar links to C22750 with red bar (Metric)
	NSC0027	Screw for Flexion Bar - M5 x 12mm (Metric)
22a	B05036	Elbow Guard

Outer Silicone Cosmesis				
Part Number		Description	Colour	Size
23	NGL0010	Silicone Cover	Flesh Pink	Small
	NGL0011	Silicone Cover	Suntan	Small
	NGL0012	Silicone Cover	Mid Brown	Small
	NGL0013	Silicone Cover	Dark Brown	Small
	NGL0014	Silicone Cover	Flesh Pink	Medium
	NGL0015	Silicone Cover	Suntan	Medium
	NGL0016	Silicone Cover	Mid Brown	Medium
	NGL0017	Silicone Cover	Dark Brown	Medium
	NGL0018	Silicone Cover	Flesh Pink	Large
	NGL0019	Silicone Cover	Suntan	Large
	NGL0020	Silicone Cover	Mid Brown	Large
	NGL0021	Silicone Cover	Dark Brown	Large

Colours for Outer Silicone Cosmesis (for indication only).

Wrist Units

We offer a large range of wrist units, in child and adult sizes, offering different functions to suit each individual user. Where regular interchange of a terminal device or a lock is required, the Heavy Duty Wrist or child 2-Knob Wrist provides a reliable and durable choice.

The Friction Wrist allows user-adjustable friction control and rotation in a lightweight design, while the Fixed, Oval and Round Connectors provide a simple and effective solution for cosmetic limbs.

A comprehensive range of hand plates and adapter plates is available to satisfy all our products, as well as those from other manufacturers.

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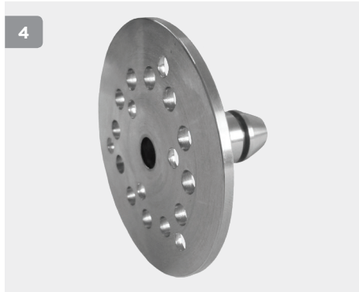
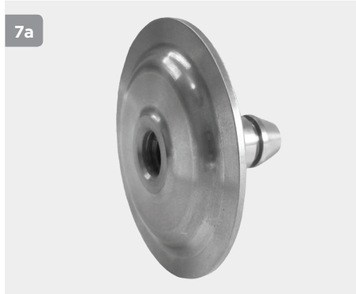




Wrist Units - Heavy Duty Wrist

Heavy Duty Wrist Unit				
Part Number	Size	Description	Weight	Height
1 SP249	50mm (2”)	Quick Release, lock, 12 position rotation	70g (2 ½ oz)	27mm (1”)
B01155	54mm (2 ⅛”)	Quick Release, lock, 12 position rotation	72g (2 ½ oz)	27mm (1”)
SP136	58mm (2 ½”)	Quick Release, lock, 12 position rotation	74g (2 ½ oz)	27mm (1”)

Wrist Housing - Parallel				
Part Number	Size	Description	Weight	Height
2 B00573	50mm (2”)	Parallel, bonded into forearm	20g (½ oz)	25mm (1”)
B00572	54mm (2 ⅛”)	Parallel, bonded into forearm	20g (½ oz)	25mm (1”)

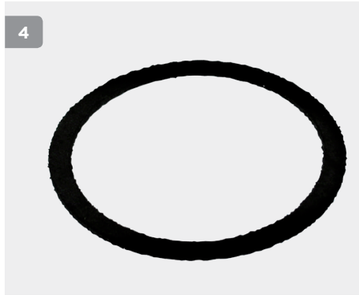
Wrist Housing - Tapered				
Part Number	Size	Description	Weight	Height
3 B00825	50mm (2”)	3° Taper, Laminated into forearm	27g (1 oz)	38mm (1 ½”)
B00827	54mm (2 ⅛”)	3° Taper, Laminated into forearm	28g (1 oz)	38mm (1 ½”)
B00826	54mm (2 ⅛”)	6° Taper, Laminated into forearm	28g (1 oz)	38mm (1 ½”)
B00828	58mm (2 ½”)	5° Taper, Laminated into forearm	28g (1 oz)	38mm (1 ½”)
B01017	58mm (2 ½”)	7° Taper, Laminated into forearm	28g (1 oz)	38mm (1 ½”)

Hand Connection Plate				
Part Number	Size	Description	Weight	Height
4 B01179	50mm (2” x ¾” x ½”)	2” Heavy Duty Wrist	56g (2 oz)	31mm (1 ¼”)
B01172	54mm (2 ⅛” x ¾” x ½”)	2 ⅛” and 2 ½” Heavy Duty Wrist	56g (2 oz)	31mm (1 ¼”)

Note: Both B01172 and B01179 are now also compatible with Ottobock fastening arrangement.

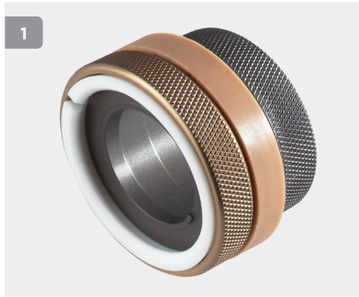
Adapter Plates - Flat					
Part Number	Size	Description	Compatible With	Weight	Height
5 B00967	50mm (2” x ¾” x ½”)	⅜” BSW (UK Thread Internal)	2” Heavy Duty Wrist	46g (1 ½ oz)	34mm (1 ⅜”)
B00900	54mm (2 ⅛” x ¾” x ½”)	⅜” BSW (UK Thread Internal)	2 ⅛” , 2 ½” Heavy Duty Wrist	46g (1 ½ oz)	34mm (1 ⅜”)
6 B06568	50mm (2” x ¾” x ½”)	½” x 20TPI (US Thread Internal)	2” , 2 ⅛” , 2 ½” Heavy Duty Wrist	46g (1 ½ oz)	49mm (2”)
B22264	54mm (2 ⅛” x ¾” x ½”)	M12 (European Thread Internal)	2 ⅛” , 2 ½” Heavy Duty Wrist	46g (1 ½ oz)	54mm (2 ⅛”)

Adapter Plates - Domed					
Part Number	Size	Description	Compatible With	Weight	Height
7 B00965	54mm (2 ⅛” x ¾” x ½”)	⅜” BSW (UK Thread Internal) Allows free rotation with lock feature	2 ⅛” , 2 ½” Heavy Duty Wrist	55g (2 oz)	34mm (1 ⅜”)
7a B00966	54mm (2 ⅛” x ¾” x ½”)	⅜” BSW (UK Thread Internal) Allows free rotation without lock feature	2 ⅛” , 2 ½” Heavy Duty Wrist	55g (2 oz)	34mm (1 ⅜”)



Heavy Duty Wrist Unit - Spare Parts				
	Part Number	Size	Description	Supplied
1	E17985	50mm, 54mm (2” , 2 ⅛”) Heavy Duty Wrists	Operating Knob Kit 2” , 2 ⅛”	Each
	E17987	58mm (2 ½”) Heavy Duty Wrists	Operating Knob Kit 2 ½”	Each
2	B05435	All Heavy Duty Wrists	Sliding Cover - Parallel	Each
	B05368	All Heavy Duty Wrists	Sliding Cover - Tapered	Each
3	NPN0217	All Heavy Duty Wrists	Locking Mills Pin	Each
4	B00748	All Heavy Duty Wrists	Rubber Locking Ring	Each
5	B00744	All Heavy Duty Wrists	Snap Catch Blade	Each
6	B00746	All Heavy Duty Wrists	Catch Blade Spring	Each
7	NPN0007	All Heavy Duty Wrists	Split Pin	Each
8	B00745	All Heavy Duty Wrists	Plug	Each

Heavy Duty Wrist Unit - Tools				
	Part Number	Size	Description	Supplied
9	B18631	All Heavy Duty Wrists	Assembly Removal Tool	Each



Wrist Units - Lightweight Friction Wrist

Friction Wrist

	Part Number	Wrist Size	Application	Weight	Height
1	C19011	40mm (1 ½”)	Child	31g (1oz)	31mm (1 ¼”)
	C12848	45mm (1 ¾”)	Child / Juvenile	37g (1oz)	31mm (1 ¼”)
	C12810	50mm (2”)	Adolescent / Adult	49g (1 ¾ oz)	31mm (1 ¼”)
	C12824	54mm (2 ⅛”)	Adult	72g (2 ½ oz)	31mm (1 ¼”)

Friction Wrist Spare Parts

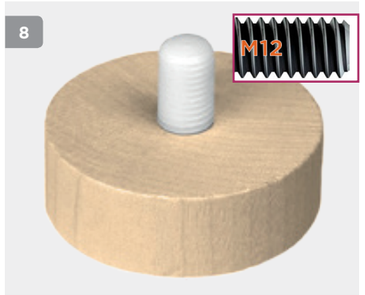
	Part Number	Size	Description	Supplied
2	C18132	40mm (1 ½”)	Friction Ring	Each
	B12852	45mm (1 ¾”)	Friction Ring	Each
	B12815	50mm (2”)	Friction Ring	Each
	B12821	54mm (2 ⅛”)	Friction Ring	Each
2a	B18133	40mm (1 ½”)	Protective Rings	Each
	B12850	45mm (1 ¾”)	Protective Rings	Each
	B12813	50mm (2”)	Protective Rings	Each
	B12819	54mm (2 ⅛”)	Protective Rings	Each

Friction Wrist Adapter Plate

	Part Number	Wrist Size	Internal Thread	Weight	Height
3	B18161	40mm (1 ½”)	5⁄16” BSF (UK Juvenile Standard)	12g (½ oz)	14.2mm (½”)
	B22959	40mm (1 ½”)	M12 x 1.5 (European Standard)	11g (½ oz)	18mm (¾”)
	B19639	40mm (1 ½”)	½” x 20 TPI (US Standard)	10g (½ oz)	18mm (¾”)
	B18169	45mm (1 ¾”)	5⁄16” BSF (UK Juvenile Standard)	13g (½ oz)	18mm (¾”)
	B18170	45mm (1 ¾”)	⅜” BSW (UK Adult Standard)	13g (½ oz)	18mm (¾”)
	B18171	45mm (1 ¾”)	M12 x 1.5 (European Standard)	13g (½ oz)	18mm (¾”)
	B18172	45mm (1 ¾”)	½” x 20 TPI (US Standard)	13g (½ oz)	18mm (¾”)
	B18173	50mm (2”)	⅜” BSW (UK Adult Standard)	15g (½ oz)	18mm (¾”)
	B18174	50mm (2”)	M12 x 1.5 (European Standard)	15g (½ oz)	18mm (¾”)
	B18175	50mm (2”)	½” x 20 TPI (US Standard)	15g (½ oz)	18mm (¾”)
	B18176	54mm (2 ⅛”)	⅜” BSW (UK Adult Standard)	19g (½ oz)	18mm (¾”)
	B18177	54mm (2 ⅛”)	M12 x 1.5 (European Standard)	19g (½ oz)	18mm (¾”)
	B18178	54mm (2 ⅛”)	½” x 20 TPI (US Standard)	19g (½ oz)	18mm (¾”)

Friction Housing

	Part Number	Description	Thread	Weight	Height
4	NHD55108	Friction Housing 40mm (1 ½”)	Internal Thread ½” UNF x 20 TPI	23g (1oz)	16mm (⅝”)
	NHD55109	Friction Housing 45mm (1 ¾”)	Internal Thread ½” UNF x 20 TPI	28g (1oz)	16mm (⅝”)
	NHD55110	Friction Housing 50mm (2”)	Internal Thread ½” UNF x 20 TPI	35g (1oz)	16mm (⅝”)
	NHD55108-M12	Friction Housing 40mm (1 ⅝”)	Internal Thread M12	23g (1oz)	16mm (⅝”)
	NHD55109-M12	Friction Housing 45mm (1 ¾”)	Internal Thread M12	28g (1oz)	16mm (⅝”)
	NHD55110-M12	Friction Housing 50mm (2”)	Internal Thread M12	35g (1oz)	16mm (⅝”)

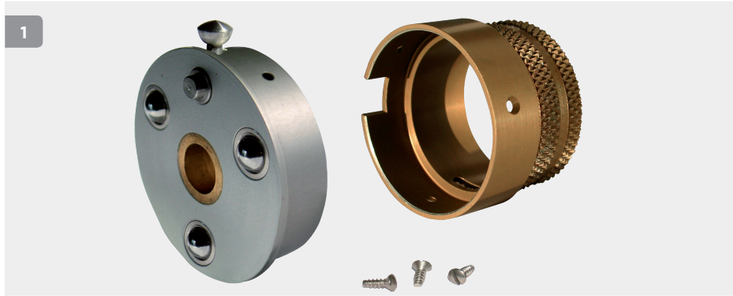


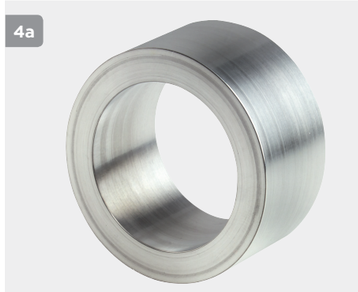
Friction Wrist Hand Connection Plates (No Inserts)				
Part Number		Wrist Size	Weight	Height
5	B18165	40mm (1 ½")	4g (⅛ oz)	8.4mm (⅜")
	B18215	45mm (1 ¾")	5g (⅛ oz)	8.9mm (⅜")
	B12811	50mm (2")	14g (½ oz)	8.9mm (⅜")
	B12817	54mm (2 ⅛")	17g (⅝ oz)	8.9mm (⅜")

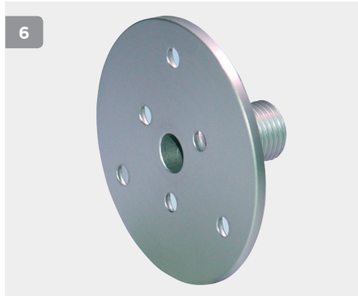
Friction Wrist Hand Connection for Myoelectric, Spring and Cable Operated Hands				
Part Number		Wrist Size	Description	Weight
6	KFW045	45mm (1 ¾")	Friction Wrist handplate kit for above hands	12g (½ oz)
	KFW050	50mm (2")	Friction Wrist handplate kit for above hands	14g (½ oz)
	KFW054	54mm (2 ⅛")	Friction Wrist handplate kit for above hands	17g (½ oz)

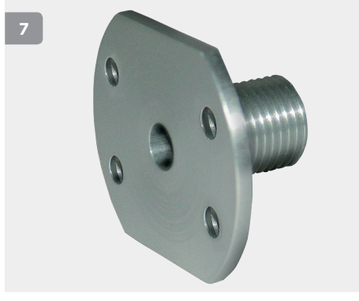
Short Wrist					
Part Number		Size	Description	Weight	Height
7	BBSW50	50mm (2")	½" x 20 TPI Internal Thread	22g (¾ oz)	10mm (⅜")
	BBSW45	45mm (2")	½" x 20 TPI Internal Thread	22g (¾ oz)	10mm (⅜")
	BBSW50-M12	50mm (2")	M12 Internal Thread	22g (¾ oz)	10mm (⅜")
7a	B27336	50mm (2")	½" x 20 TPI Internal Thread - No Lamination Collar	20g (¾ oz)	10mm (⅜")

Wooden Wrist					
Part Number		Size	Description	Weight	Height
8	N621020100	60mm (2 ⅜")	M12 thread. Parallel, bonded into forearm	42.5g (1 ½")	20mm (¾")









Wrist Units - Child Wrist, Fixed Wrist and Other Hand Plates

Child 2-Knob Wrist Unit

	Part Number	Wrist Size	Description	Weight	Height
1	B05143	40mm (1 ½")	Quick release, lock, 12 position rotation	57g (2 oz)	31mm (1 ¼")
	B05142	45mm (1 ¾")	Quick release, lock, 12 position rotation	84g (3 oz)	31mm (1 ¼")
	NSC0375	40mm (1 ½") + 45mm (1 ¾")	Replacement Screws		

Supplied with parallel housing and three screws.

Child 2-Knob Wrist Hand Plate

	Part Number	Wrist Size	Description	Weight
2	B07030	40mm (1 ½" x ½" x ⅜")	1 ½" Child 2-Knob Rotary	26g (1 oz)
	B07029	45mm (1 ¾" x ½" x ⅜")	1 ¾" Child 2-Knob Rotary	26g (1 oz)

Child 2-Knob Wrist Adapter Plate

	Part Number	Wrist Size	Internal Thread	Weight
3	B00897	40mm (1 ½" x ½" x ⅜")	5/16" BSF (UK Juvenile Standard)	22g (1 oz)
	B00821	45mm (1 ¾" x ½" x ⅜")	5/16" BSF (UK Juvenile Standard)	27g (1 oz)
	B00905	45mm (1 ¾" x ½" x ⅜")	⅜" BSW (UK Adult Standard)	45g (1 ½ oz)

Fixed Wrist Connector and Former - Round

	Part Number	Wrist Size		Former
4	B05963	40mm (1 ½")	4a	SB12136/1
	B05441	45mm (1 ¾")		SB12136/2
	B05440	50mm (2")		SB12136/3
	B05439	54mm (2 ⅛")		SB12136/4

Fixed Wrist Connector and Former - Oval

	Part Number	Wrist Size		Former
5	B06252	45mm (1 ¾")	5a	B06986
	B06256	50mm (2")		B06985
	B06255	54mm (2 ⅛")		B06984

Hand Plate - North American - ½"

	Part Number	Wrist Size	External Thread	Shape	Weight
6	B10530	40mm (1 ½" x 11/16" x ½" 20 TPI)	½" x 20 TPI	Round - Steeper Hand Attachment	10g (⅓ oz)
	B22758	40mm (1 ½" x 15/16" x ½" 20 TPI)	½" x 20 TPI	Round - Otto Bock Hand Attachment	16g (½ oz)
	B22757	45mm (1 ¾" x 15/16" x ½" 20 TPI)	½" x 20 TPI	Round - Steeper Hand Attachment	16g (½ oz)
	B22756	50mm (2" x 15/16" x ½" 20 TPI)	½" x 20 TPI	Round - Steeper Hand Attachment	17g (½ oz)
	B22755	54mm (2 ⅛" x 15/16" x ½" 20 TPI)	½" x 20 TPI	Round - Steeper Hand Attachment	19g (⅔ oz)
Both B22757, B22756 and B22755 are also compatible with Ottobock fastening arrangement.					
7	B06257	45mm (1 ¾" x 15/16 x ½ 20 TPI	½" x 20 TPI	Oval	10g (⅜ oz)

Note: For use with Foam Hand with Oval base (2 ½" - 3 ¾").

Hand Plate - European - M12

	Part Number	Wrist Size	External Thread	Shape	Weight
8	B22768	40mm (1 ½" x ¾" x M12)	M12 x 1.5	Round	15g (½ oz)
	B07786	45mm (1 ¾" x ¾" x M12)	M12 x 1.5	Round	15g (½ oz)
	B06942	50mm (2" x ¾" x M12)	M12 x 1.5	Round	15g (½ oz)

Both B06942 and B07786 are also compatible with Ottobock fastening arrangement.

Silicone Arm Liners

Full length matrix. Approx. 2mm Wall thickness. M10 Connector.

	Part Number	Length (cm)	Distal Circumference (cm)	Proximal Circumference (cm)
1	N4A1021-12	24	12	15.5
	N4A1021-14	26	14	19.5
	N4A1021-16	26	16	21
	N4A1021-18	30	18	29
	N4A1021-20	30	20	34

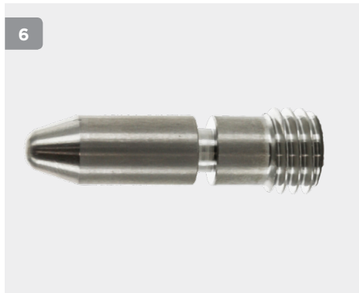
Silicone Arm Liners - With Textile Cover

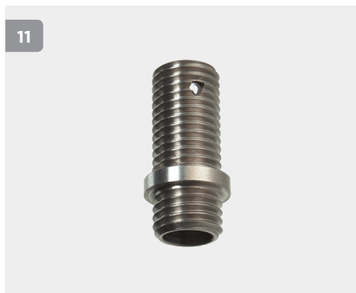
Full length matrix. Approx. 2mm Wall thickness. M10 Connector.

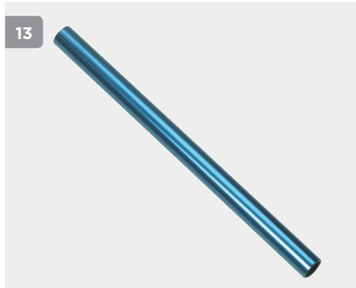
	Part Number	Length (cm)	Distal Circumference (cm)	Proximal Circumference (cm)
2	N4A2021-12	24	12	15.5
	N4A2021-14	26	14	19.5
	N4A2021-16	26	16	21
	N4A2021-18	30	18	29
	N4A2021-20	30	20	34

Shuttle Lock

	Part Number	Description	Style	Weight (g)	Type
3	N5W055	Plastic body with 22mm build in Height. Pin supplied	Round	30	
4	N5W710	Aluminium with 15mm built in height. Allows direct connection of components	Round	66	
5	N5S710-09	Lamination Dummy for N5W710			







Locking Pins				
Part Number		Style	For Shuttle Lock	Thread
6	N5S440-30	Long	N5W710	M10
	N5S440-15	Short	N5W710	M10
	N5S438	Grooved	N5W055	M10

Pin Adapter				
Part Number		Description	External Thread	Internal Thread
7	N5S430-09	To allow liner with M10 thread to accept a M6 threaded PIN	M10	M6

Shuttle Lock			
Part Number		Description	Thread
8	N5S710-07	To allow direct attachment of internal M12 threaded terminal device or plate	External M12
9	N5S710-10	To allow direct attachment of external M12 threaded terminal device or plate	Internal M12
10	B23370	Female Tube Adapter	Internal M12
11	B26430	Threaded Stem	External M12 - M12
12	C11152	Forearm Foam	
13	B22753	Connection Tube	
14	B22513	Female Tube Adapter - with Connector Tube B22753	Internal Thread ½" UNF x 20 TPI
15	B22766	Female Tube Adapter	External M12 x 1.5mm

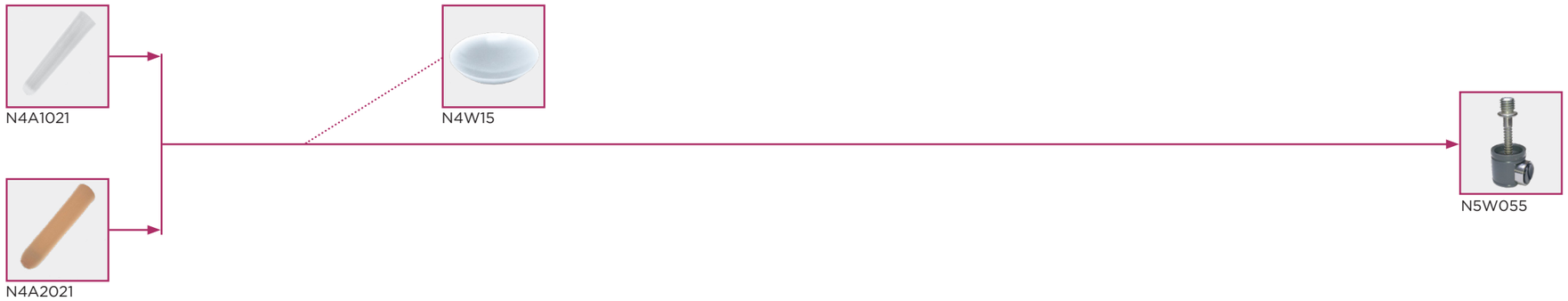
Silicone Pads Soft Silicone pads to distribute pressure in high load areas, as padding for bony prominences and as fillers for voids and scarred areas.			
Part Number		Gel Thickness (mm)	Diameter (mm)
16	N4W15-08	12.5	80
	N4W15-10	11	100
	N4W15-12	10.7	120
	N4W15-14	12.8	140

Silicone Distal Cups Clear Silicone cups recommended for heavily scarred or conical residual limbs				
Part Number		Distal Thickness (mm)	Distal Circumference (mm)	For Arm Liner Size
17	N4W2000-06	5	6	
	N4W2000-07	5	7	
	N4W2000-09	5	9	12
	N4W2000-11	5	11	14
	N4W2000-12	5	12	16
	N4W2000-14	5	14	18
	N4W2000-16	5	16	20

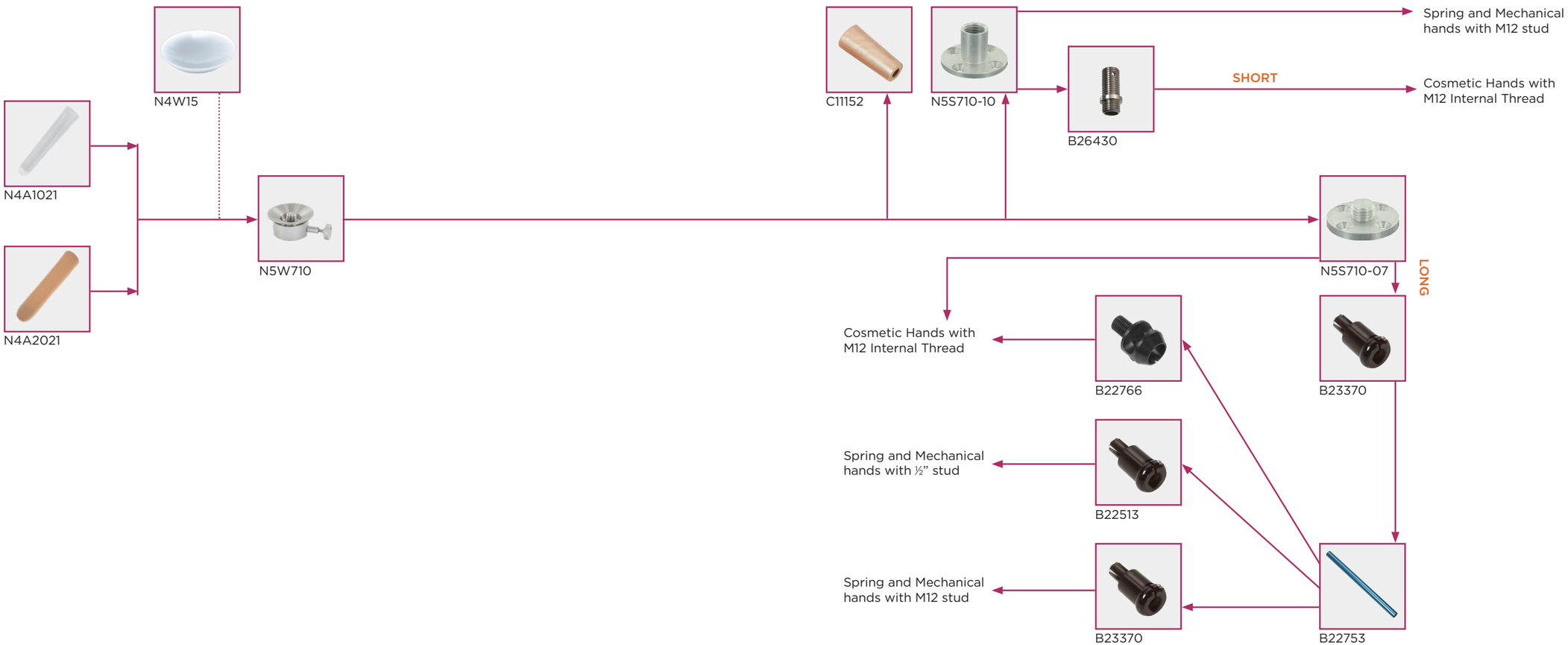
See pages 125-126 for Exoskeletal Liner Build Guides.

To order any of the below components, contact customerservices@steepergroup.com with the part number and quantity.

Exoskeletal System - N5W055



Exoskeletal Transradial System - N5W710



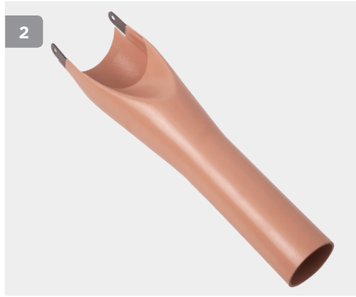
Elbow Units and External Joints

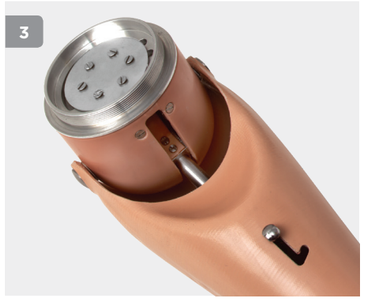
Elbow units and external elbow joints are available to suit all ages and allow easy installation, rugged durability and simplicity of operation. Numerous choices available in size, colours and operation to match the user's needs. Simpler systems allow friction control over elbow flexion and humeral rotation, while manual elbow lock control is also available for sound side activation.

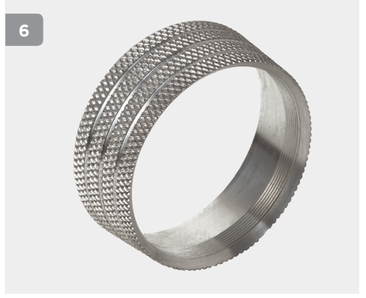
The automatic elbow range allows linkage to a harness system for body control over elbow position. Proven to be one of the most reliable locking elbow units in the world, complete with a manual humeral rotation lock.

A wide selection of adapters and forearms complement the range.

1 2 3 4 5 6 7 8 9 10 11 12







Colours for Elbow Unit and Prefabricated Forearm (for indication only).

Flesh Pink | Suntan | Mid Brown | Dark Brown

Elbow Units and External Joints - Elbow Units

Automatic Elbow

Eight lock positions may be engaged / disengaged alternately through the actuator. This can be done with the sound hand or by another body movement captured through a harness. Locked / unlocked control of humeral rotation also allows for friction adjustment of this movement. Detachable forearms with parallel distal sections are available in various wrist sizes. Links proximally to parallel or tapered lateral rings. Four colours available.

	Part Number	Elbow Size (Dia.)	Description	Wrist Options	Weight
1	B11185#	58mm (2 ¼”)	Automatic Elbow, Child	38mm, 45mm (1 ½” , 1 ¾”)	242g (8 ½ oz)
	C07375#	64mm (2 ½”)	Automatic Elbow, Adolescent	50mm, 54mm (2” , 2 ⅛”)	316g (11 oz)
	C07286#	70mm (2 ¾”)	Automatic Elbow, Adult	50mm, 54mm (2” , 2 ⅛”)	334g (11 ¾ oz)

Prefabricated Forearm for Automatic Elbow

Laminated in polyester with toughened integrated side steels to fit Automatic Elbow. Side steels have prepositioned holes for placement of forearm pulley. The parallel distal section allows finished lengths to be determined accurately. Supplied in four colours. Please contact customer services for alternative colour requirements.

	Part Number	Elbow Size (Dia.)	Description	External Wrist (Dia.)	Overall Length	Parallel Length	Weight
2	C10564#	58mm (2 ¼”)	Child Forearm	38mm (1 ½”)	240mm (9 ½”)	120mm (4 ¾”)	96g (3 ½ oz)
	C10560#	58mm (2 ¼”)	Child Forearm	45mm (1 ¾”)	240mm (9 ½”)	120mm (4 ¾”)	114g (4 oz)
	C10552#	64mm (2 ½”)	Adolescent Forearm	50mm (2”)	260mm (10 ¼”)	120mm (4 ¾”)	114g (4 oz)
	C10556#	64mm (2 ½”)	Adolescent Forearm	54mm (2 ⅛”)	260mm (10 ¼”)	120mm (4 ¾”)	151g (5 ½ oz)
	C11381#	70mm (2 ¾”)	Adult Forearm	50mm (2”)	300mm (11 ¾”)	120mm (4 ¾”)	181g (6 ½ oz)
	C07646#	70mm (2 ¾”)	Adult Forearm	54mm (2 ⅛”)	300mm (11 ¾”)	120mm (4 ¾”)	184g (6 ½ oz)

Adult Manual Elbow

Manual control of five locking positions or free swing mode. Friction control over “ball into detent” humeral rotation. Integral forearm with parallel distal section of 54mm (2 1/8”) for wrist placement. Four colour choices. Links proximally to B00230 or B06563 Lateral Rings.

	Part Number	Elbow Size (Dia.)	Description	Wrist Diameter	Weight
3	B10612#	70mm (2 ¾”)	Adult Manual Elbow	54mm (2 ⅛”)	474g (16 ¾ oz)

Note: #Denotes finish colour. Add PK for Flesh Pink, ST for Suntan, MB for Mid Brown or DB for Dark Brown.

Child Friction Elbow

Adjustable friction control of flexion, extension and humeral rotation. Side bars allow attachment of a locally made forearm. Integral proximal attachment plate for socket attachment. May also be used as a lightweight friction shoulder joint. Flesh Pink supplied as standard.

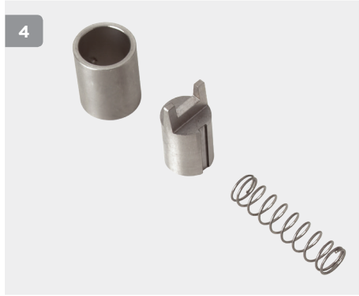
	Part Number	Elbow Size (Dia.)	Description	Weight
4	C10828	38mm (1 ½”)	Child Friction Elbow	81g (3 oz)
	C10826	45mm (1 ¾”)	Child Friction Elbow	81g (3 oz)

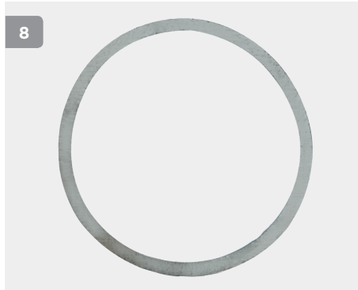
Lateral Rings

For Manual and Automatic Elbows. External knurl for secure adhesion of laminate and internal thread allowing elbow to be fitted, secured or removed as necessary.

	Part Number	Elbow Size (Dia.)	Description	Elbow	Weight
5	B12433	58mm (2 ¼”)	Parallel	Automatic	24g (1 oz)
	B07384	64mm (2 ½”)	Parallel	Automatic	24g (1 oz)
	B00230	70mm (2 ¾”)	Parallel	Automatic or Manual	22g (1 oz)
6	B06563	70mm (2 ¾”)	5° Taper	Automatic or Manual	26g (1 oz)

Elbow Units and External Joints - Spare Parts





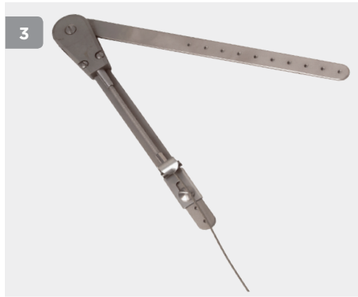
Elbow Dome				
Part Number		Size (Dia.)	Description	Elbow
1	E20544#	58mm (2 ¼")	Elbow Dome, Slides and 4 Screws	Automatic Elbow
	E20517#	64mm (2 ½")	Elbow Dome, Slides and 4 Screws	Automatic Elbow
	E20518#	70mm (2 ¾")	Elbow Dome, Slides and 4 Screws	Automatic Elbow
	B05885#	70mm (2 ¾")	Elbow Dome	Manual Elbow

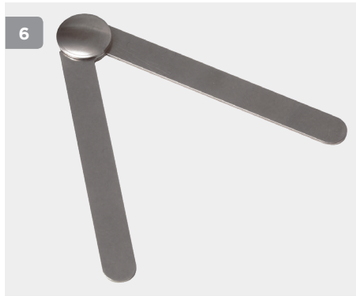
Note: #Denotes finish colour. Add PK for Flesh Pink, ST for Suntan, MB for Mid Brown or DB for Dark Brown.

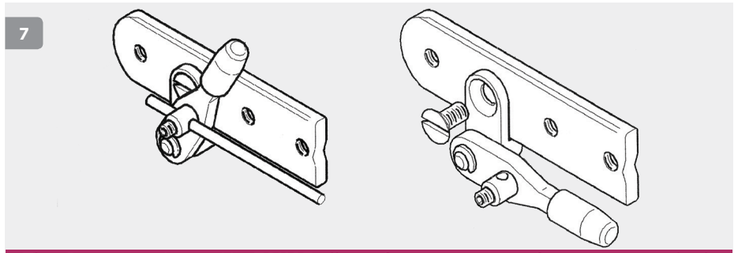
Button Screws			
Part Number		Description	Elbow
2	A00564	Button Screw	All sizes Automatic Elbow
2a	B05116	Slotted Screw	Manual Elbow
	B10841	Slotted Screw for Child Elbow	Child Friction Elbow
3	A00891	Torsion Socket Spanner for A00564 (¼" Drive Head)	n/a

Automatic Elbow Spare Parts				
Part Number		Description	Elbow	Supplied
4	E18026	Plunger Assembly	2 ¼" Automatic Elbow	Each
	E14066	Plunger Assembly	2 ½" and 2 ¾" Automatic Elbow	Each
5	NCR0012	Circlip	2 ¼" Automatic Elbow	Each
	NCR0003	Circlip	2 ½" and 2 ¾" Automatic Elbow	Each
6	SP800	Cam Return Spring	All sizes Automatic Elbow	Pack of 10
7	B07832	Lateral Operating Ring	2 ¼" Automatic Elbow	Each
	B07400	Lateral Operating Ring	2 ½" Automatic Elbow	Each
	B08642	Lateral Operating Ring	2 ¾" Automatic Elbow	Each
8	A00711	Spacer Shim 0.10mm	All sizes Automatic Elbow	Each
	A00710	Spacer Shim 0.20mm	All sizes Automatic Elbow	Each
	A00709	Spacer Shim 0.30mm	All sizes Automatic Elbow	Each

Elbow Units - External Elbow Joints







The Operating Lever Kit E21197 allows for conversion of an automatic lock joint to manual operation.

Automatic Lock Joints

Stainless steel joints suitable for prosthetic / orthotic application. May be inverted for manual operation on forearm. Supplied in matt finish. The system incorporates a shoulder shrug operated lock. A short extension piece below the joint may be used to stabilise the socket.

	Part Number	Description	Length	Joint Head Width	Steel Thickness
1	C12693	Left Medial - Auto Lock	400mm (15 ¾")	14.4mm (⅝")	2.6mm (⅛") Lower, 3.2mm (⅛") Upper
	C12623	Right Medial - Auto Lock	400mm (15 ¾")	14.4mm (⅝")	2.6mm (⅛") Lower, 3.2mm (⅛") Upper
2	B01197	Left / Right Lateral - Free Swing	400mm (15 ¾")	8.2mm (⅜")	2.6mm (⅛")

Manual Lock Joints

Supplied with a series of predrilled and M3 tapped holes along the length and with a manually operated release mechanism on the forearm.

	Part Number	Description	Length	Joint Head Width	Steel Thickness
3	C12701	Left Medial - Manual lock Flail Arm Application	400mm (15 ¾")	14.4mm (⅝")	2.6mm (⅛") Lower, 3.2mm (⅛") Upper
	C12696	Right Medial - Manual lock Flail Arm Application	400mm (15 ¾")	14.4mm (⅝")	2.6mm (⅛") Lower, 3.2mm (⅛") Upper

Free Swing Joints

Suitable for long transhumeral prostheses or as guide joints for very short transradial prostheses or for elbow orthoses. These joints are manufactured from stainless steel. Fitted with an extention stop at 8°. Supplied unassembled the joints are riveted at set up.

	Part Number	Description	Length	Width	Thickness	Boss Diameter
4	B10168	Plain Joint Left Medial / Right Lateral - Free Swing	343mm (13 ½")	9.5mm (⅜")	1.6mm (1/16")	16mm (⅝")
	B07990	Plain Joint Right Medial / Left Lateral - Free Swing	343mm (13 ½")	9.5mm (⅜")	1.6mm (1/16")	16mm (⅝")

Friction Control Joints

Friction adjustment to allow passive positioning of prosthetic forearm or orthosis. Non locking. Child application.

	Part Number	Description	Length	Width	Thickness	Boss Diameter
5	B05774	Left Medial - Friction Steel	65mm (6 ½")	9.5mm (⅜")	1.6mm (1/16")	16mm (⅝")
	B05775	Right Medial - Friction Steel	65mm (6 ½")	9.5mm (⅜")	1.6mm (1/16")	16mm (⅝")
6	B11263	Left Lateral - Free Swing	65mm (6 ½")	9.5mm (⅜")	1.6mm (1/16")	16mm (⅝")
	B11264	Right Lateral - Free Swing	65mm (6 ½")	9.5mm (⅜")	1.6mm (1/16")	16mm (⅝")

Operating Lever Kit

The Operating Lever Kit is designed to be used with the following joints (C12693, C12623 and C12696) and provides an alternative manual lever release mechanism. The lever release should be situated on the forearm which requires the auto lock steels to be inverted.

	Part Number	Description
7	E21197	Operating Lever Kit

Note: All steels supplied individually - not in pairs.

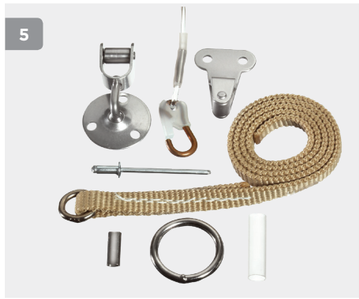
Suspension and Control Systems

Suspension systems act as an anchor point, aiding stabilisation of the prosthesis. They vary in design from simple webbing to full elasticated corsets.

Where body motion is utilised to operate an elbow or terminal device, control system kits are available in a number of different cable materials, together with all associated guides, pulleys and terminal device connections.

The control system is linked to the suspension to provide an operating harness.

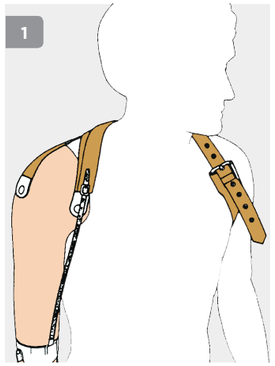
1 2 3 4 5 6 7 8 9 10 11 12

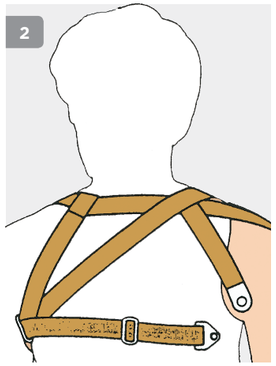


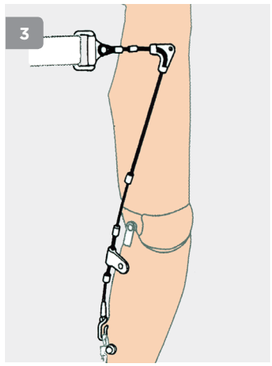
Transhumeral Suspension Kit		
Supplied in peach nylon. Three-point socket attachment, elasticated posterior section to ensure firm and comfortable fit, adjustable by means of a buckle system. 19mm kits for use with Perlon operating system only.		
Part Number		**Description**
1	C18575	19mm (¾") - Transhumeral Suspension Kit - Child
	C18574	25mm (1") - Transhumeral Suspension Kit - Adult
2	B10548	Elbow Lock Strap

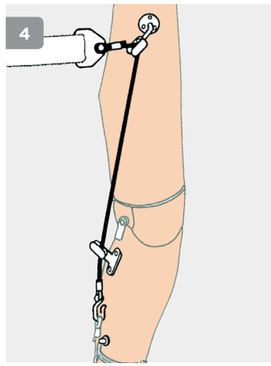
Note: Elbow Lock Strap and Control Cable Kit to be ordered separately. Control Cable Kit includes link to suspension kit.

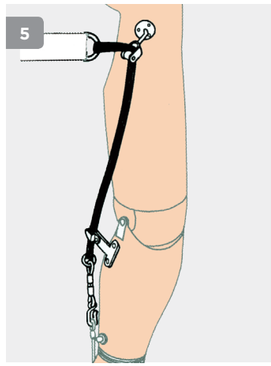
Transhumeral Control Cables			
Part Number		**Description**	**Suspension Link Size**
3	C00307	Steel Cable Kit - Adult, Heavy Duty Use	25mm (1")
4	C18378	Perlon Cable Kit - Child	19mm (¾")
	C18377	Perlon Cable Kit - Adult, Light Duty	25mm (1")
5	C18376	Nylon Cable Kit - Adult, General Use	25mm (1")
	B11300	Spare Nylon Control Cable	n/a
6	B18527	Spare Nylon Control Cable with Box Type S Hook attached	n/a

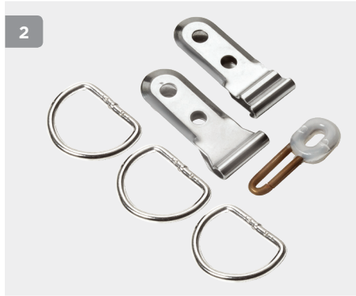


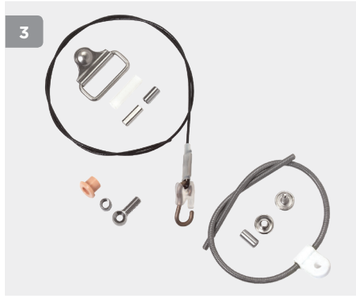


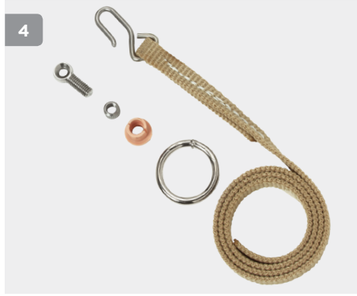


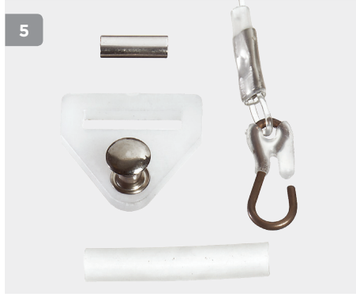


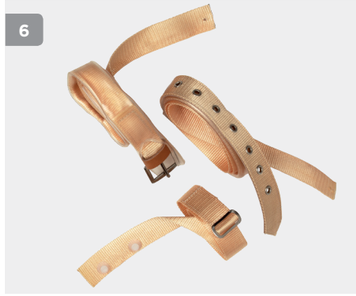










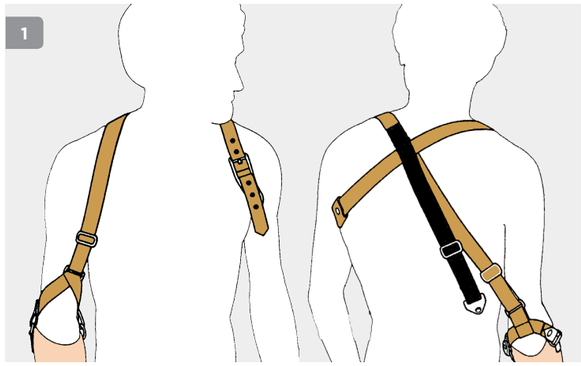


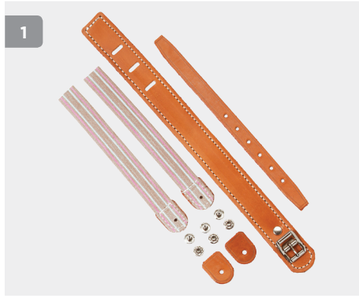
Transradial Suspension Kit		
Supplied with peach nylon. Three-point socket attachment, elasticated posterior section to ensure firm and comfortable fit, adjustable by means of buckle system. 19mm kits for use with Perlon operating systems only.		
Part Number		**Description**
1	C18577	19mm (¾") - Transradial Suspension Kit - Child
	C18576	25mm (1") - Transradial Suspension Kit - Adult
2	E19367	Chape Kit - Suitable for 19mm or 25mm Application - For attachment of Transradial Suspension Kit to the socket. Supplied without rivets.

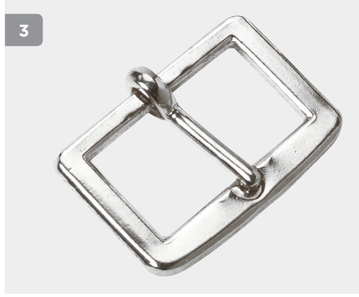
Note: Control Cable Kit to be ordered separately. Control Cable Kit includes link to Suspension Kit.

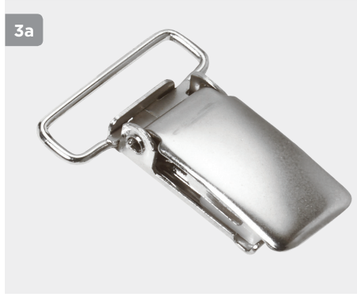
Transradial Control Cables			
Part Number		**Description**	**Suspension Link Size**
3	C00309	Steel Cable Kit - Adult, Heavy Duty Use	25mm (1") Adult Kit
4	C18379	Nylon Cable Kit - Adult, General Use	25mm (1") Adult Kit
5	C18381	Perlon Cable Kit - Child	19mm (¾") Childs Kit
	C18380	Perlon Cable Kit - Adult, Light Duty	25mm (1") Adult Kit

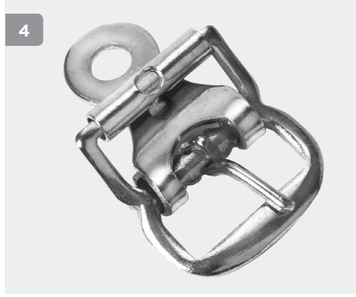
P-Loop Operating Harness Kit			
For transradial, wrist disarticulation applications. A detatchable harness to be used in conjunction with a Transradial Control Cable, supplied in peach nylon. Control Cable to be ordered separately.			
Part Number		**Description**	**Length**
6	E18625	Child 19mm (¾") width	400mm (15 ¾")
	E18624	Adult 25mm (1") width	400mm (15 ¾")











Narrow Upper Arm Band with Side Suspension Straps

Manufactured in bridle leather with soft leather lining. Linked to prosthesis with elasticated straps provided.
A traditional suspension type for transradial prosthesis.

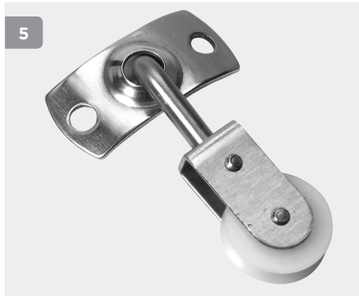
	Part Number	Description	Width
1	E18882	Leather Upper Arm Band with Soft Leather Lining - Adult	25mm (1")

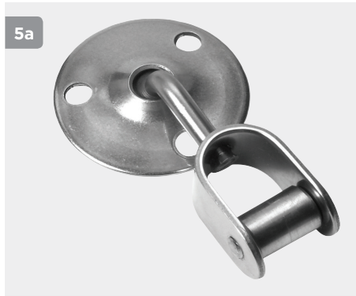
Tab Ends

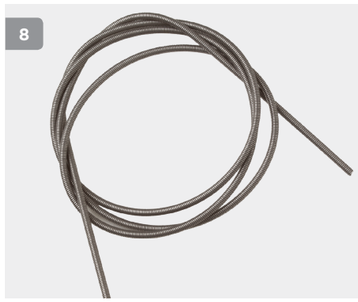
	Part Number	Description	Supplied
2	B11294	Leather Tab End - 19mm (¾") - Child	Each
	B11212	Leather Tab End - 25mm (1") - Adult	Each
2a	B11214	Leather Tab End Shaped - Detachable - 19mm (¾") - Child	Each
	B11213	Leather Tab End Shaped - Detachable - 25mm (1") - Adult	Each

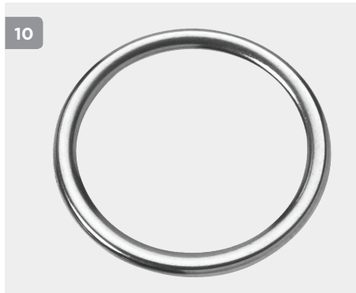
Buckles and Brace Clips

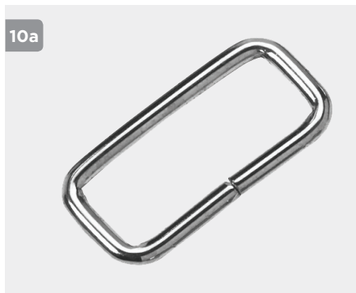
	Part Number	Description	Supplied
3	NFT0079	19mm (¾") Buckle	Each
	NFT0080	25mm (1") Buckle	Pack of 10
3a	NFT0505	Brace Clip and 19mm (¾") Loop	Pack of 10
	NFT0515	Brace Clip 19mm (¾")	Each
4	NFT0503	10mm (⅜") Buckle and Attachment	Pack of 10

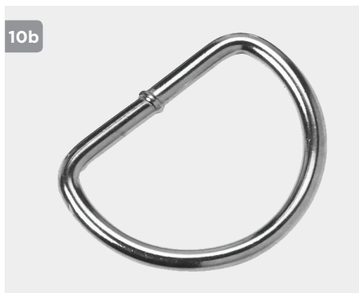


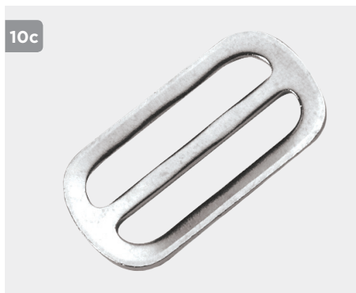












Cable Routing Accessories			
Part Number		Description	Supplied
5	B05337	Pulley for Perlon	Each
5a	B05345	Pulley for Nylon Cord	Each
6	C00353	Swivel Guide for Steel	Each
7	B10514	Double Roller Flexion Lever - Perlon	Each
7a	B10508	Single Roller Flexion Lever - Nylon	Each
8	NHD0036	Conduit for Cable - For 1.5mm Cable	Feet
	NHD50456	Conduit for Cable - For 2mm Cable	25 Feet Roll
9	A00806	Conduit End Cap	Each

Harness Ring, Loops and Slides			
Part Number		Description	Supplied
10	NFT0660	45mm (1 ¾") Diameter Harness Ring	Each
	NFT0661	54mm (2 ⅛") Diameter Harness Ring	Each
	NHD51601	62mm (2 ⅜") Diameter Harness Ring	Each
	NFT0083	10mm (⅜") Plated Ring	Each
10a	NFT0087	19mm (¾") Plated Loop	Pack of 10
	NFT0070	25mm (1") Plated Loop	Pack of 10
10b	NFT0081	25mm (1") Plated D shaped Loop	Each
10c	NFT0088	19mm (¾") Slide	Each
	NFT0089	25mm (1") Slide	Pack of 10

Elasticated Corset

A beige two-way stretch fabric suitable for suspending transradial cosmetic prosthesis. Corset may be stitched or glued to prosthesis.

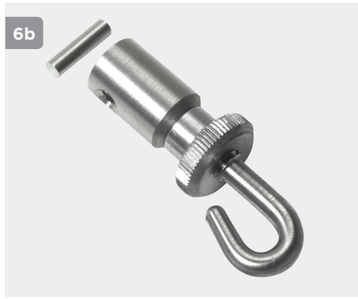
Part Number		Description	Circumference
11	C11278	Child	127mm (5”)
	C11279	Child	140mm (5 ½”)
	C11280	Child	152mm (6”)
	C11281	Adult	178mm (7”)
	C11282	Adult	203mm (8”)
	C11283	Adult	229mm (9”)

Axilla Pad

Part Number		Description	Supplied
12	B00842	PVC - 19mm Child	Each
	C00242	PVC - 25mm Adult	Each
13	A00882	Collar Stud	Each
13a	NFM0030	Tubifoam - 15mm (⅝”) (for 19mm (¾”) strap) Child	Each
	NFM0031	Tubifoam - 21mm (¾”) (for 25mm (1”) strap) Adult	Each

Arm Donning Sleeve

Part Number		Size	Distal Circumference	Proximal Circumference	Length	Supplied
14	NGC006S	Small	240mm (9 ½”)	270mm (10 ⅝”)	260mm (10 ¼”)	Each
	NGC006M	Medium	280mm (11”)	340mm (13 ⅜”)	340mm (13 ⅜”)	Each



Suspension and Control Systems - Cables and Connectors

Cables			
Part Number		Description	Supplied
1	NCO0001	Perlon Cable 1.2mm diameter	Metre
	NCO0002	Perlon Cable 1.5mm diameter	Metre
	NCO0003	Perlon Cable 2mm diameter	Metre
1a	B18502	Perlon Cable 1.2mm with Child Captive S Hook fitted	Each
	B18500	Perlon Cable 1.2mm with Adult Captive S Hook fitted	Each
	B19360	Perlon Cable 2mm with Adult Captive S Hook fitted	Each
2	NCO0023	Steel Cable, Nylon Coated, 1.6mm	Metre
2a	B01415	Steel Cable, Nylon Coated, 1.6mm, with Adult Captive S Hook	Each
3	B07780	Cable Anchor	Each

Cable Ferrule			
Part Number		Description	Supplied
4	B05626	Ferrule 1.5mm	Each
	B07785	Ferrule 2mm	Each
	NPV2031	Shrink Tube to Cover Ferrule	Metre

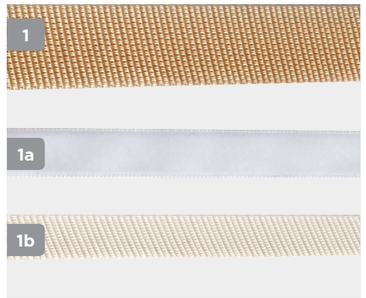
Distal Connectors to Nylon Cable			
Part Number		Description	Supplied
5	B11471	S Nylon Hook	Each
5a	B05331	Swivel Hook - Box	Each

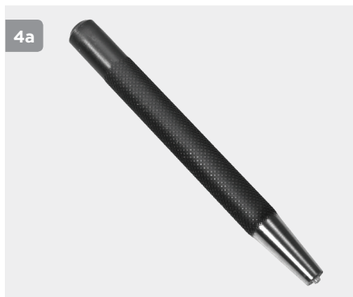
Distal Connectors to Perlon / Steel Cable			
Part Number		Description	Supplied
6	B06564	Captive S Hook, Child	Each
	B06631	Captive S Hook, Adult	Each
6a	B11469	S Hook	Each
6b	B05372	Swivel Hook - Round	Each

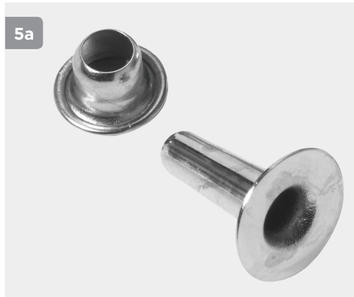
Proximal Connector to Nylon Cable			
Part Number		Description	Supplied
7	NFT0086	Plated Solid Ring 19mm (¾") diameter	Pack of 10

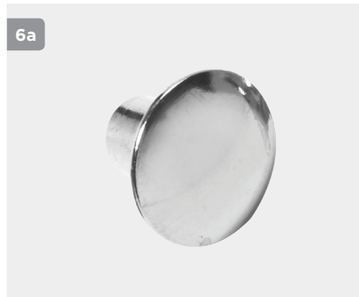
Proximal Connectors to Perlon Cable			
Part Number		Description	Supplied
8	B05861	19mm (¾") Connector Child - Perlon	Each
	B05529	25mm (1") Connector Adult - Perlon	Each

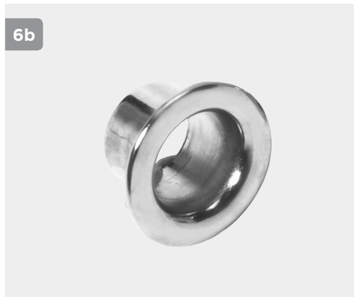
Proximal Connectors to Steel Cable			
Part Number		Description	Supplied
9	B05515	25mm (1") Steel Control Cable Connector	Each











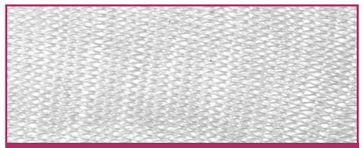
Webbing			
Part Number		Description	Supplied
1	NWE0043	19mm (¾") Peach Nylon Webbing	25 Metre Roll (82')
	NWE0044	25mm (1") Peach Nylon Webbing	25 Metre Roll (82')
1a	NWE0011	16mm (⅝") White Soft Webbing	10 Metre Roll (32')
1b	NWE0012	19mm (¾") White Webbing - Cushlon	10 Metre Roll (32')
2	NWE0027	9mm (⅜") Beige Nylon Webbing - Operating Cord	10 Metre Roll (32')
2a	NRT0115	Brass Eyelet for Webbing	Each

Tab Ends			
Part Number		Description	Supplied
3	NRT0035	Monel Pop Rivets - 5⁄16" x ⅛"	Each
	NRT0036	Monel Pop Rivets - ⅜" x ⅛"	Each
	NRT0037	Monel Pop Rivets - 7⁄16" x ⅛"	Each
	NRT0008	Monel Pop Rivets - 6 x 3.2 mm	Each
4	NRT0031	Stainless Steel Rivets - ¼" x ⅛"	Pack of 10
	NRT0064	Stainless Steel Rivets - 5⁄16" x ⅛"	Each
4a	WST7158	Doming Tool for NRT0031 Rivet	Each
5	NRT0032	Plated Tubular Rivets with Cap - 8mm	Each
	NRT0033	Plated Tubular Rivets with Cap - 9mm	Each
	NRT0034	Plated Tubular Rivets with Cap - 10mm	Each
	NRT0045	Plated Tubular Rivets with Cap - 7⁄16"	Each
	NRT0133	Large Rivet Cap for use with NRT0034 and NRT0045 Stem	Each
5a	NRT0056	Daude Double Tubular Rivet and Cap, No. 8	Each
6	NRT0116	Daude Stud Rivet - Male	Each
6a	NRT0117	Daude Stud Cap	Each
6b	NRT0118	Daude Stud Collar	Each
	NRT0003	Stainless Steel Rivet - ⅛" x ¼"	Each

To satisfy your upper limb prosthetic workshop requirements, we provide a wide range of quality products, from lamination supplies to hand tools.

Close-up of Material Weave

1 - Stockinette Crimp



2 - Stockinette Crimp

Stockinette Crimp

White, 100% polyester, highly elastic. Used to create a fine finish on outer layer of laminated socket.

	Part Number	Description	Supplied
1	NTT0021	2” Wide	Roll - 50 Metre (164’)
	NTT0011	2 ½” Wide	Roll - 50 Metre (164’)
	NTT0009	3” Wide	Roll - 50 Metre (164’)
	NTT0012	4” Wide	Roll - 50 Metre (164’)
	NTT0013	9” Wide	Roll - 50 Metre (164’)

Stockinette Washed

White, 100% polyester, highly elastic. Used as body of lamination layers.

	Part Number	Description	Supplied
2	NTT0017	2” Wide	Roll - 50 Metre (164’)
	NTT0018	3” Wide	Roll - 50 Metre (164’)
	NTT0019	4” Wide	Roll - 50 Metre (164’)
	NTT0020	12” Wide	Roll - 50 Metre (164’)

Tubigrip Elasticated Bandage

Natural colour, provides continuous even pressure.

	Part Number	Description	Supplied
3	NTT0027	Size L	Roll - 10 Metre (32’)

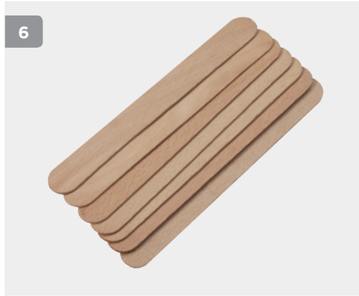
Nylon Sockette

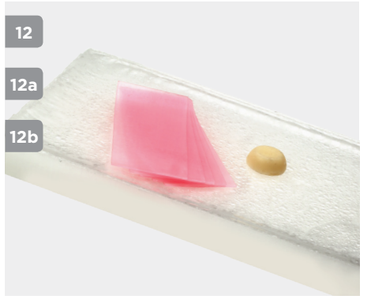
For use in the manufacture of laminated cup sockets or as a residual limb sock.

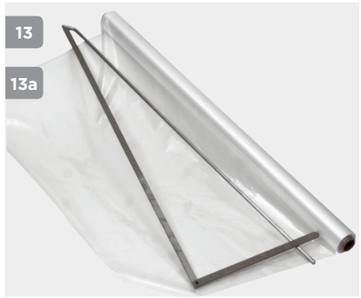
	Part Number	Description	Supplied
4	NTT0022	7” x 5”	Pack of 20
	NTT0023	7” x 6”	Pack of 20
	NTT0014	7” x 6 ½”	Pack of 20
	NTT0039	7 ½” x 2”	Pack of 20
	NTT0040	10” x 3”	Pack of 20
	NTT0041	14” x 3 ½”	Pack of 20
	NTT0015	15” x 6”	Pack of 20
	NTT0016	15” x 6 ½”	Pack of 20

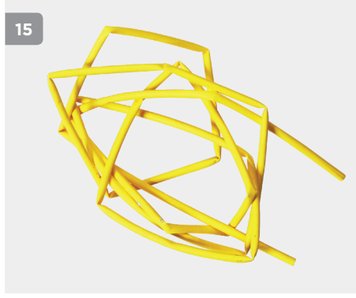
Disposable Cup

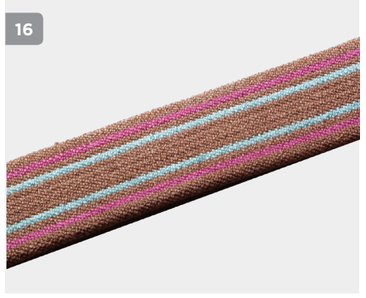
	Part Number	Description	Supplied
5	NCE0001	Small - 9 Fluid oz	Each
	NCE0003	Large - 24 Fluid oz	Each











Wooden Spatula			
Part Number		**Description**	**Supplied**
6	NCE0004	Mixing Spatulas	Pack of 100
7	NCE0011	Stirring Stick 230 x 19 x 3 mm (9” x ¾” x ⅛”)	Pack of 100

Polyester Resin and Associated Supplies			
For laminating polyester sockets. A typical flexible plastic cup socket consists of 60% flexible resin, 40% rigid.			
Part Number		**Description**	**Supplied**
8	NRN0002	Polyester Flexible	2.5kg can
	NRN0003	Polyester Rigid	5kg can
9	NRN0006	Accelerator	500g Bottle
9a	NRN0007	Catalyst Lucidol	500g can
10	NPM0005	Pigment - Flesh Pink	500g can
	NPM0001	Pigment - Suntan	500g can
	NPM0003	Pigment - Mid Brown	500g can
	NPM0002	Pigment - Dark Brown	500g can
	NPM0004	Pigment - Super White	500g can
11	NRA0017	Brushable Parting Lacquer	1Ltr can

For advice on upper limb lamination lay up and resin mixing quantities, please contact a Steeper Product Manager.

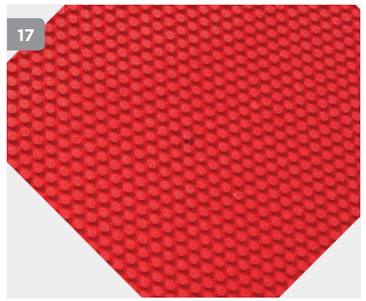
Wax			
Part Number		**Description**	**Supplied**
12	NWA0001	Beeswax	500g
12a	NWA0004	Paraffin Wax 54 / 56	5kg
12b	NWA0007	No 3. Modelling Wax	2.5kg Pack

PVA Film			
Part Number		**Description**	**Supplied**
13	NRA0011	PVA Film .003	25 Metre Roll (82’)
13a	SB11785	PVA Welding Jig	Each

Adhesive			
Part Number		**Description**	**Supplied**
14	NAD0045	Epoxy Resin	32g

Heat Shrink Sleeve			
Part Number		**Description**	**Supplied**
15	NCA0098	1.6mm	Per Metre
	NCA0131	2.4mm	Per Metre
	NCA0099	3.2mm (⅛”)	Per Metre
	NPV2023	4.6mm (¼”) Flesh Cable Cover	Per Metre

Elastic			
Part Number		**Description**	**Supplied**
16	NEL0002	25mm (1”) Coloured Striped	Per Metre



Bramble Rubber			
Part Number		Description	Supplied
17	NRB0002	Pimpled Rubber - Red	5” x 7” Sheet
	NRB0066	Pimpled Rubber - Black	5” x 7” Sheet

Leather			
Part Number		Description	Supplied
18	NLT0003	Chamois	Per Skin
18a	NLT0010	Brace Calf	Per Skin
18b	NLT0015	Beige Calf	Per Skin

Disposable Gloves			
Part Number		Description	Supplied
19	NPE0038	Small	Pack of 100
	NPE0039	Medium	Pack of 100
	NPE0040	Large	Pack of 100
	NPE0041	Extra Large	Pack of 100

Velcro - Sew On			
Part Number		Description	Supplied
20	NVE0023	White Loop 15mm (⅝”)	Per Metre
	NVE0024	White Hook 15mm (⅝”)	Per Metre
	NVE0002	White Loop 20mm (¾”)	Per Metre
	NVE0001	White Hook 20mm (¾”)	Per Metre
20a	NVE0017	Grey Loop 20mm (¾”)	Per Metre
	NVE0018	Grey Hook 20mm (¾”)	Per Metre

Zip			
Part Number		Description	Supplied
23	NZP0001	4” Beige Medium Weight	Each
	NZP0002	5” Beige Medium Weight	Each
	NZP0009	6” Beige Medium Weight	Each
	NZP0006	7” Beige Medium Weight	Each
	NZP0005	8” Beige Medium Weight	Each

Hand Tools			
Part Number		Description	Supplied
24	NHT0004	Clicker Knife Handle	Each
24a	NHT0005	Clicker Knife Blades Curved	Each
24b	NHT2815	Shoe Knife 4 ½”	Each

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