



ALLIED  
MEDICAL  
LIMITED



# UniLink™

a Stealth Product





## Made for Simplicity

One of the main focus of the UniLink system is simplicity, and this is accomplished with the following points:

- Most adjustments can be accomplished with one tool, a 4mm hex wrench.
- All systems uses same link structure in three (3) size options: 1 1/2in (3.81cm), 2in (5.08cm) and 3in (7.62cm).
- All elements are compatible with one another.

**4** TIMES the holding  
**POWER**



**UniLink**  
**1** SYSTEM  
**FITS ALL**



**REVOLUTIONARY**  
**MOUNTING SYSTEM**

## Built to Hold

UniLink allows for near limitless positioning of components with improved strength over TWB. UniLink uses a similar compression technology as its predecessor.

UniLink provides four times the strength of the current TWB family of products. UniLink joints compose of steel inserts can hold up to 102 ft-lbs before moving, and each joint can rotate up to 258°.

## Designed as a Unified Ecosystem

UniLink began as an improvement to the current TWB family of products. The goal is to simplify the line and use one link for everything. During this project the past issues of TWB are being addressed.

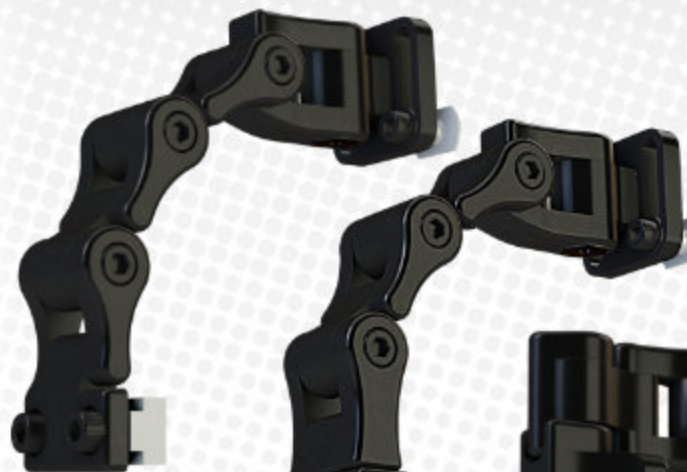
## Revolutionary Mounting System

Hence its brand name, the UniLink simplifies the component system by using one link configuration for everything. Every part integrates perfectly with one another giving the opportunity to better understand it, apply it and consider it for other implementations. Either as a pelvic solution or any other solution, each of its components are interchangeable.



# **Pelvic Solutions Hardware**

# Pelvic/Thigh Hardware



## Fixed Standard

UTT2311902-L  
UTT2311902-R

## Multi-Angle

5in Stave (Short)  
UTT7A11602-L  
UTT7A11602-R

7in Stave (Long)  
UTT6A11602-L  
UTT6A11602-R



## 90° Angle

UTTP5-Q 5in Stave (Short)  
UTTP7-Q 7in Stave (Long)

## Traditional Long

UTS25300-L  
UTS25300-R

## Standard Traditional

UTS25100-L  
UTS25100-R



# Modifications & Mounting Options

FSC  
Pad Mount  
UTPFS1100



90°  
Mounting  
Brackets



All Season  
UIMPBI090

Standard  
UIMPBI090



Cane Mounts  
Standard

1 2.54cm  
in

7/8 2.22cm  
in



3/4 1.91cm  
in

# Pelvic/Thigh Pad Options



**4in x 4in**  
10.16cm x 10.16cm  
UTP544056100

**4in x 6in**  
10.16cm x 15.24cm  
UTP546056100

**4in x 8in**  
10.16cm x 20.32cm  
UTP548056100



**4in x 10in**  
10.16cm x 25.40cm  
UTP540056100

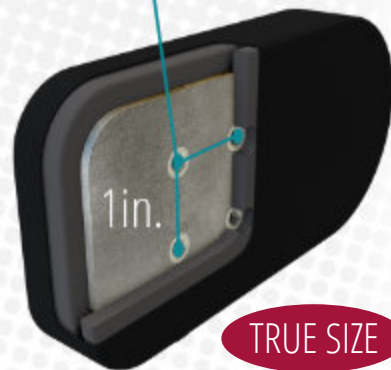
**4in x 12in**  
10.16cm x 30.48cm  
UTP54D056100

powered by  **coolcore**

## Traditional Style Pads

Neoprene Cover

Metric 2.54cm Hole Spacing



**3in x 6in**  
7.62cm x 15.24cm  
UTP536056300

**4in x 4in**  
10.16cm x 10.16cm  
UTP544056300

**4in x 6in**  
10.16cm x 15.24cm  
UTP546056300

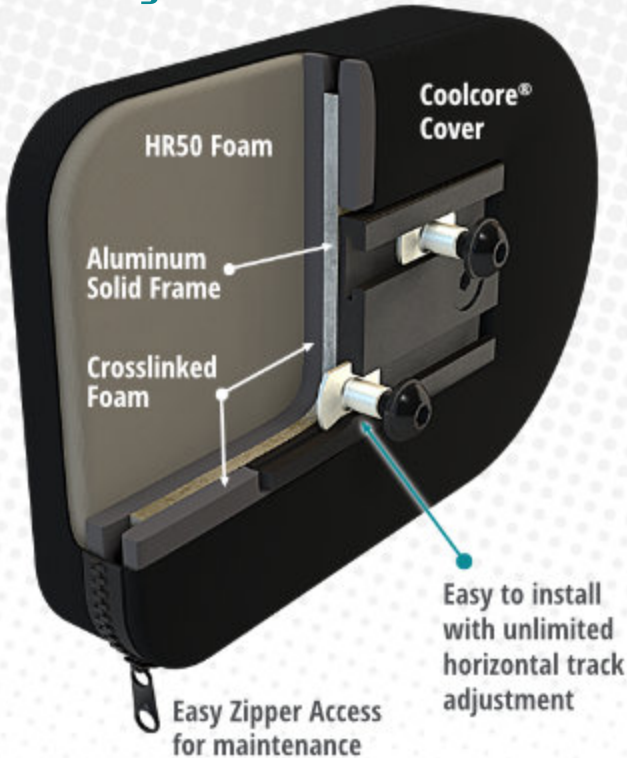
**4in x 8in**  
10.16cm x 20.32cm  
UTP548056300

**4in x 10in**  
10.16cm x 25.40cm  
UTP540056300

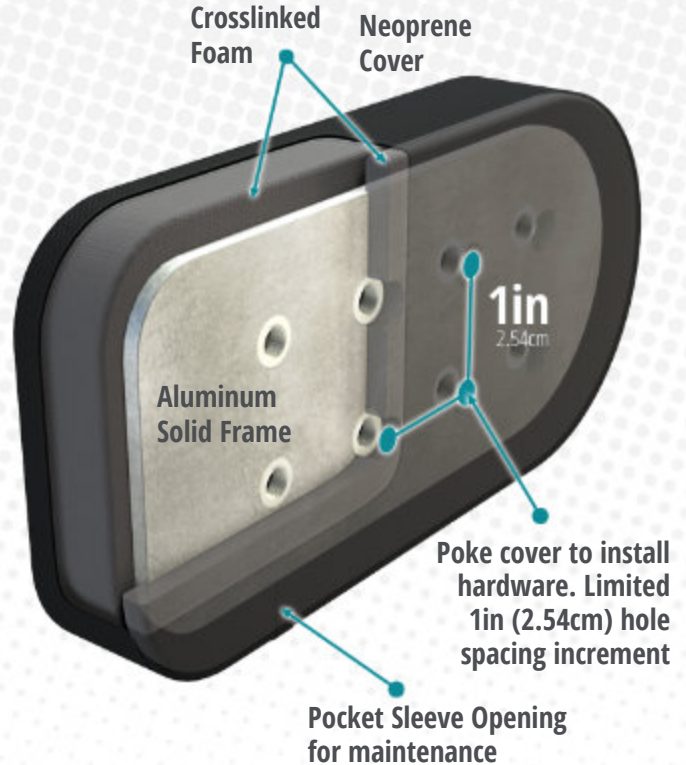
**4in x 12in**  
10.16cm x 30.48cm  
UTP54D056300

# Pelvic/Thigh Pad Comparison

## Track Style Pad



## Traditional Style Pad



With enough pressure aluminum frame can be bent to shape





**Trunk Solutions  
Hardware**

# Trunk (Lateral) Hardware

## Swing-away



### Short

ULS25000-L  
ULS25000-R

### Standard

ULS25100-L  
ULS25100-R

### Inline

ULS05100-L  
ULS05100-R

## Fixed



### Short

ULS23200-L  
ULS23200-R

### Standard

ULS23210-L  
ULS23210-R

# FSC

Full Surface Contact

**360°** Adjustable  
Angles

## Inline Flip-Away

ULS0510F-L

ULS0510F-R

## Short Flip-Away

ULS2500F-L

ULS2500F-R

## Short Fixed

ULS2320F-L

ULS2320F-R

## Standard Flip-Away

ULS2510F-L

ULS2510F-R

## Standard Fixed

ULS2321F-L

ULS2321F-R




UIPFSI100

# Thoracic Pad Options

**3in x 5in**

7.62cm x 12.70cm


ULP535050320

ULP535057120 

**4in x 6in**

10.16cm x 15.24cm

ULP546050320

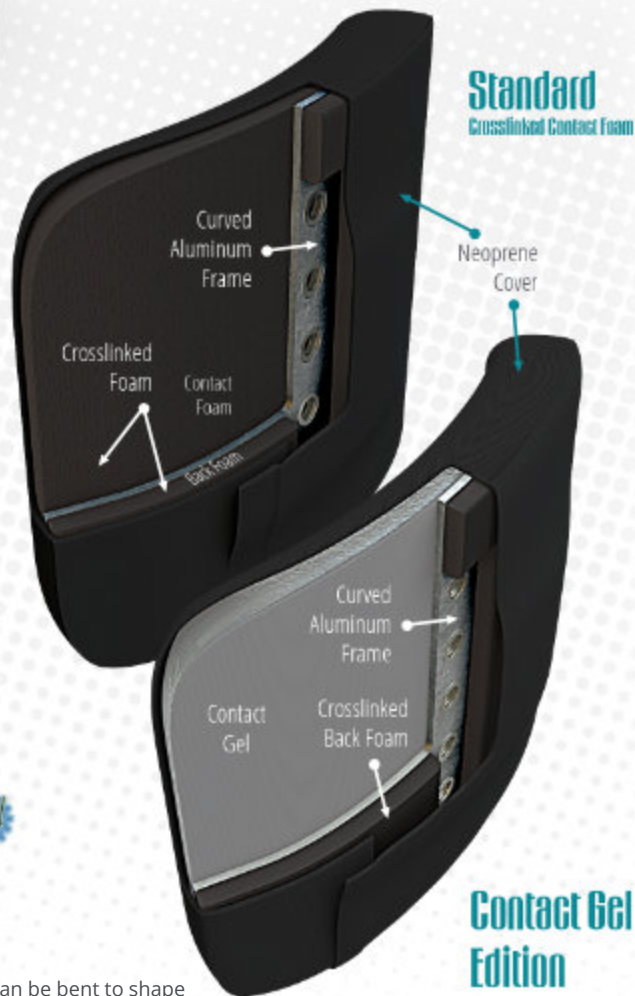
ULP546057120 

**5in x 7in**

10.16cm x 15.24cm

ULP557050320

ULP557057120 



With enough pressure aluminum frame can be bent to shape

# Gel Properties

**Non-Toxic**  
if consumed

**Maintain Consistency**  
on temperatures  
under 200°F (93°C)

**Does Not Bottom Out**  
when weight is applied

**Passed Flammability Testing**  
per RESNA WC-1  
and international requirements

**No Harmful Chemicals**  
passes CAL Prop 65, REACH and RoHS

**Safe for the Environment**  
is a green recyclable material

**Glycerin Mineral Oil**  
little to no odor  
compared to gels in  
the market

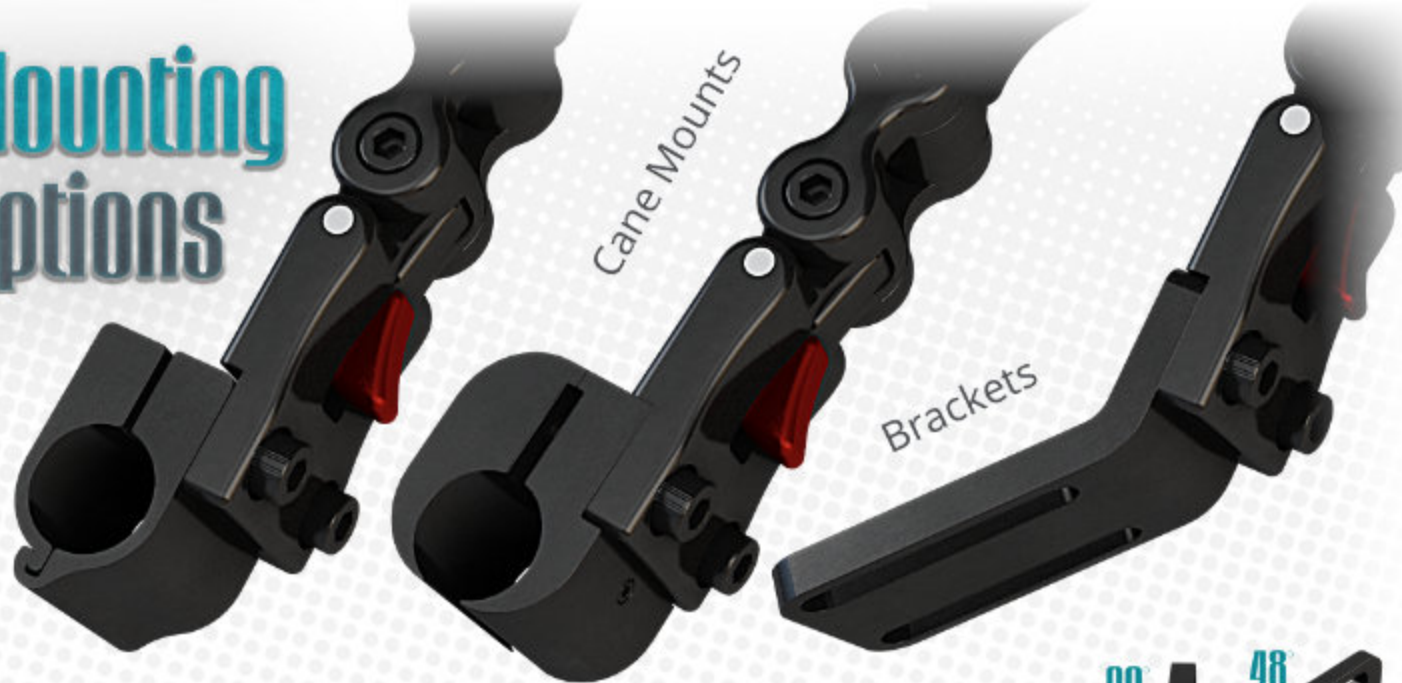
**Twill Fabric**  
65/35 polyester/cotton  
woven fabric treated  
with **non-hazardous**  
dyes and chemicals

**Twill Fabric**  
thin fabric coat  
protecting the gel  
both sides

**1/2in**  
(1.27cm)



# Mounting Options



## Cane Mounts Standard

7/8  $\frac{2.22\text{cm}}{\text{in}}$

1  $\frac{2.54\text{cm}}{\text{in}}$



3/4  $\frac{1.91\text{cm}}{\text{in}}$

## Crescent

7/8  $\frac{2.22\text{cm}}{\text{in}}$

1  $\frac{2.54\text{cm}}{\text{in}}$



**permobil**

Corpus 3G UIMBKIP3G



QUANTUM REHAB®



UIMBKITB4 **TB4**



**TB3**  
UIMBKITB3

**OEM Trunk  
Mounting Options**

# All Season Brackets

Tool Free on-demand width adaptable bracket



UIMASI090  
**Planar**

90°



**Angled**  
for curved surfaces

UIMASI080

80°



UIMASI075

75°



UIMASI070

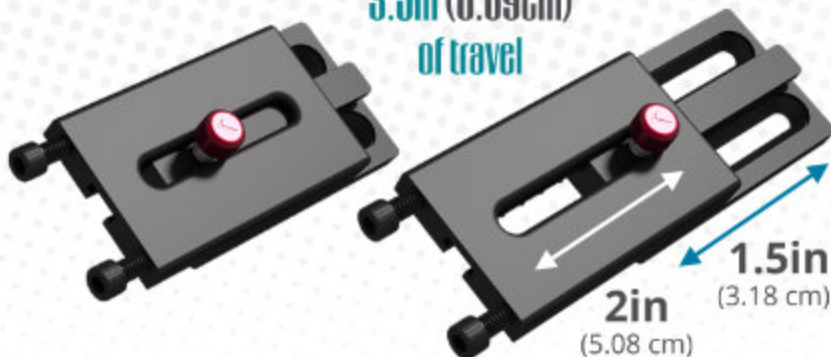
70°



**UnitLink**  
**Adapter Plate**

ADP04

Up to  
**3.5in (8.89cm)**  
of travel



**2in**  
(5.08 cm)

**1.5in**  
(3.18 cm)





# Upper Extremities Hardware

# Elbow Stop Options

## Flip-Away

UETB4213SL-Q  
UETB4213SR-Q



## Flip-Away ES Link Assembly

UE000213SL  
UE000213SR



## Fixed ES Link Assembly

UE000021F0



QUANTUM REHAB®  
Flip-Back  
Armrests

## Fixed

UETB4021FL-Q  
UETB4021FR-Q



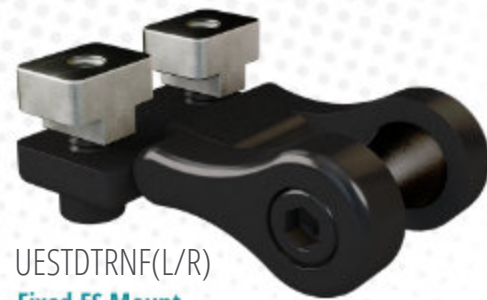
## permobil

Corpus 3G



UEPRMTRNF(L/R)

Fixed ES Mount  
with Permobil Track Nuts



UESTDTRNF(L/R)

Fixed ES Mount  
with Standard Track Nuts

# Custom Configuration

17mm Ball  
with split ring

2in (5.08cm)  
Link

Joint Link

Permobil's  
Track Nuts

UniLink  
Spacer

Flip-Away  
Mount

All UniLink's components are compatible with one another allowing the ability to put together a configuration that better accomplishes a desired functionality.

The UniLink ES has been designed for a clean install at the back of a dual tracked armrest similar to the Quantum Flip-Back and Permobil Corpus 3G.



# Elbow Stop Pad Options

**3in x 3in**

7.62cm x 7.62cm

UEP533050320



UEP533057120



**Contoured Pad**

**3in x 10in**

7.62cm x 25.40cm

UEP53005032L

UEP53005032R



UEP544050320

UEP544057120

**4in x 4in**

10.16cm x 10.16cm



UEP53005712L

UEP53005712R



# Head Solutions Hardware

# Head Solutions

**17mm**  
Ball Link



**SU Split Ring**  
Comes included with Hardware

**3in Links**  
7.62cm

**258°**



**Comfort Plus v.2** Powered by **COOLCORE**

**6in** (15.24cm) CP06CCFPM **10in** (25.40cm) CP10CCFPM

**8in** (20.32cm) CP08CCFPM **14in** (35.56cm) CP14CCFPM

**True Size**

# Head Solutions Hardware



**3in** Link (2)  
Default

**3in (7.62cm) Link**  
UILNK300

**2in (5.08cm) Link**  
UILNK200

**1 1/2in (3.81cm) Link**  
UILNK150

**17mm**  
Ball Link

BLL03

Head Mount  
UHMNT100

**UHSTM400 1/2in (12.70mm) Stave 12in (30.48cm)**

**UHSTM300**  
15mm Stave  
12in (30.48cm)

**UHSTM200**  
1/2in (12.70mm) Stave 7in (17.78cm)

17mm Ball

**UHB2D232FD-QCR**  
1/2in (12.70cm) Stave 7 1/2in (19.05cm)

**UHB3D232FD-QCR**  
15mm Stave 7 1/2in (19.05cm)

Include Mount

Include Mount

**Stealth's Back Mount**

**SBM-DT** for 1/2in Staves  
**SBM300-M** for 1/2in Staves  
**SBM306** for 15mm Staves

## Pre-Assemblies

- UHB2D33200** with 1/2in Width x 7in Long Stave
- UHB3D33200** with 15mm Width x 12in Long Stave
- UHB4D33200** with 1/2in Width x 12in Long Stave
- UHB2D232FD** with 1/2in Width x 7 1/2in Long Stave
- UHB3D232FD** with 15mm Width x 7 1/2in Long Stave

**FDM**  
7 1/2in Stave  
available in  
1/2in or 15mm  
square area

**FDM**

# Head Solutions Headrest Pad

Dimension are approximated



6 1/4in Wide  
(15.87cm)

9 9/16in Wide  
(24.25cm)

11 7/32in Wide  
(28.51cm)

14 5/32in Wide  
(35.94cm)

19 1/2in Wide  
(49.53cm)



CP06CCFPM

CP08CCFPM

CP10CCFPM

CP14CCFPM

CP19CCFPM

4 1/4in Height  
(10.76cm)

5 3/4in Height  
(14.60cm)

5 3/4in Height  
(14.60cm)

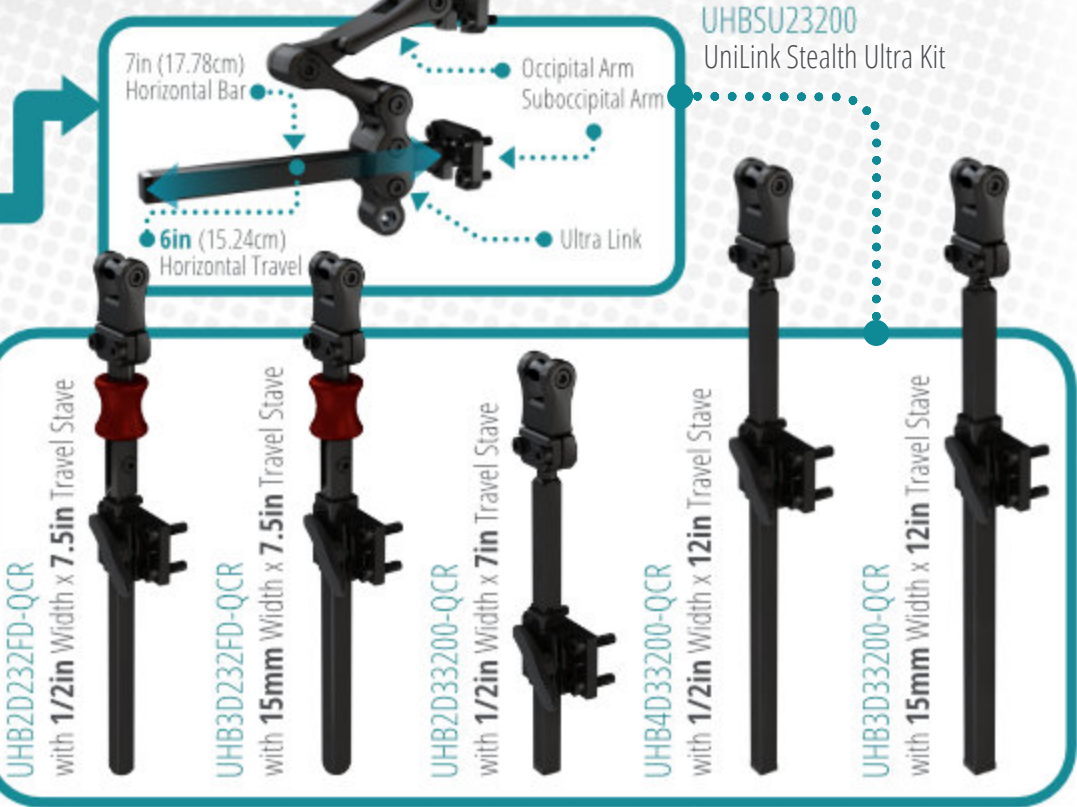
5 3/4in Height  
(14.60cm)

5 1/8in Height  
(13.01cm)



# Head Solutions Ultra Hardware

The **UniLink Ultra** provides **occipital** and **suboccipital** support, which can be adjusted independently from each other. The occipital pad provides a more traditional support to the occiput (back of head). The suboccipital pad is positioned right between the back of the head and the top back portion of the neck. This setup provides extra support and positioning for individuals with limited neck control. For a more complex positioning solution, the **Ultra** hardware can be equipped with the **i2i** Upper Torso System as the suboccipital support for individuals with little to no neck control.



# Head Solutions Ultra Pads

Stealth Ultra pads are designed to work as a aftermarket set of options. Keep in mind that the Ultra Hardware is compatible with all 17mm ball style Head Solution Pads. **For suboccipital the i2i could be used for a more advanced positioning solution.**



## Occipital



**530M**

**Curved 4x2**

4in x 2 1/2in  
(10.16cm x 6.35cm)



**520M**

**Curved 4x3**

4in x 3 1/4in  
(10.16cm x 7.62cm)



**510M**

**Flat 5x2**

5in x 2in  
(12.70cm x 5.08cm)



**500M**

**Curved 7x4**

7 1/4in x 4 1/4in  
(18.42cm x 10.80cm)

## Suboccipital



**610M**

**Niño (Pediatric)**

6 3/8in x 2 1/4in  
(16.19cm x 5.71cm)



**600M**

**Standard**

8 1/2in x 2 3/4in  
(21.59cm x 6.99cm)



**620M**

**Extra Large**

10 1/2in x 2 3/4in  
(26.67cm x 6.99cm)

# Other Head Solution Options



i2i

The i2i head positioning system stimulates proper posture for the head, neck and upper torso with a unique shape. Can be used as a suboccipital pad in the UniLink Ultra System.



CB

**Combo**

The Combo offers a good positioning solution in a small profile and easy on demand adjustments.



ACP

**Adjustable Comfort Plus**

The Adjustable Comfort Plus (ACP) combines all the features of the Comfort Plus with an adjustable triple pad head support that is designed to supply a resting position, or support against gravity in tilt and recline.

**Tri-Comfort Plus**



TCP



The Tri Comfort Plus expands the features of the Comfort Plus with the addition of angled lateral wings and a clinically based choice of length and heights. Functions as similarly to the ACP, but its laterals are fixed.



AP

**All Positioning**

The All Positioning (AP) has a unique combination of features that result in an anatomically shaped support. It provides the functions of a headrest as well as comprehensive head positioning system. The shell can be mold to head shape.

# Swing Away Receiver

Our swing away receiver support temporal pads for lateral support, switches for access to external assistive technology devices, or even a chin joystick.



There is a lot more you can do...

check the Swing Away website for more information





what will you  
**build next?**



# UniLink Kit Breakdown

Tackle Box Items



## UniLink KIT

PRE-CONFIGURED BIOMECH SYSTEMS



Tackle Box Content

UniLink Pre-Configured Systems

**4** TIMES the holding  
**TIMES** **POWER**





4 mm

Steel Insert

258°  
Adjustment

Light Aluminum

Steel Insert



UniLink  
1 SYSTEM  
FITS ALL





# REVOLUTIONARY MOUNTING SYSTEM

<https://unilink.stealthproducts.com>



**ALLIED  
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