

 **Bodypoint**[®]

STRENGTHEN YOUR POSITION

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permobil



Positioning matters

It's personal.

Whether competing athletically or reaching for a towel, the right position allows wheelchair users to make the most of their abilities. Beyond health benefits, an upright posture that is comfortable and optimally functional is a personal and professional priority for you...and us.



Josh Dueck Professional Skier, Paralympian and Bodypoint® user
Photo: Marcus Hartman



Standards for stronger positions

Our standards-tested products deliver the fit, durability, safety and performance you expect and deserve. Have greater confidence in the devices you sell, buy, apply and wear.



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PELVIC POSITIONING

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- Evoflex® Pelvic Stabilizer
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SIZING GUIDES

BARRY

Barry's enthusiasm for life and adventure is contagious. An intrepid explorer, his extreme sports exploits test the limits of his equipment. Barry discovered more stability and mobility using the Evoflex® Pelvic Stabilizer.

See what Barry has to say at bodypoint.com/success-stories



Bodypoint® Hip Belts

Laminar Pads™

Unique to Bodypoint, tapered pads distribute pressure, follow curves without wrinkling, and keep their shape over time.

Setting the Standard for Quality

Made in-house on sewing machines, every product is consistent and rigorously tested to surpass ISO standards.

Patented Buckles

To meet the special challenges of rehab, our patented buckles ensure reliability, slip resistance, and a range of release options to fit individual needs.



Choose the right hip belt

1 BELT TYPE



Two-Point Hip Belt*
Simple to use and easy to clean, padded hip belts comfortably support postural alignment.



Four-Point Hip Belt*
Extra anchor points prevent belt from moving up the abdomen, ensuring that the pelvis remains stable and aligned.



Evoflex® Pelvic Stabilizer
Stiffened straps hold belt upright for easy closure and clutter-free use. Close fit provides additional stability and control.

*Available in non-padded and Sub-ASIS compatible styles. Sub-ASIS pads sold separately. See website or Price List for part numbers.

2 BUCKLE



Push-Button
Smooth, rounded corners prevent snagging. Cover is removable for cleaning or replacement.



Swivel
Low profile, high strength, equalizes tension



Side-Release
Lightweight, crush-resistant, prevents accidental release



Metal Push-Button
Strong, secure, pediatric size



Rehab Latch™
Operate easily with limited hand function

OPTIONAL COVERS:



Reduced Access Cover
FS018D-1 1-1/2", Ø14mm button
Use with M46 belts

FS019D-1 2", Ø14mm button
Use with L62 belts



Security Cover
FS018C-1 1-1/2", Ø6mm button
Use with M46 belts

FS019C-1 2", Ø6mm button
Use with L62 belts

3 PULL TYPE



Center-Pull Hip Belt
For low muscle tone or weakness



Dual-Pull Hip Belt
Greater adjustability to accommodate clothing and weight changes



Rear-Pull Hip Belt
For high muscle tone and pelvic rotation. Position and secure one side of the pelvis before the other.

4 OPTIONAL SUB-ASIS PADS



Increase stability and pelvic control just below the ASIS (Anterior Superior Iliac Spine) while reducing pressure. Secure gel-filled Sub-ASIS pads to the inside of Sub-ASIS Compatible Belts and Evoflex® Pelvic Stabilizer. Sold separately in two sizes.

5 SELECT END-FITTING



-B1 Flat-Mount™
Versatile, lowest profile

OR



-B2 Cinch-Mount™
Time saving, precise, easy adjustment

6 OPTIONAL HARDWARE



HW303 FrameSaver™ Clamp
Frame type: ●
Fits Ø22mm (7/8") & 25mm (1") tubes, Shim fits Ø19mm (3/4") tubing, sold separately



HW320 Band Clamp
Frame type: ●●●●
Fits Ø22mm (7/8"), 25mm (1"), 27 x 33mm (1-1/16" x 1-5/16"), 29mm (1-1/8"), 30mm (1-3/16"), 32mm (1-1/4")



HW310 Frame Clamp
Frame type: ●●
Fits Ø22mm (7/8") & 25mm (1") tubes



T-Slot Fastener Kit
Frame type: C
HKA6 6mm (1/4") HKA10 10mm (3/8")
Directly mount belts to power wheelchair slotted seat rails

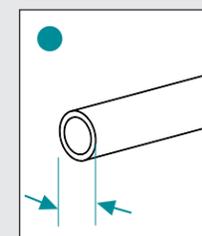


HW312 Seat Tube Mounting Bracket Kit
Frame type: ●
Mounting solution for chairs with sling seat upholstery or a solid seat base

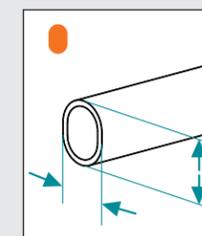


HKA12 Belt Mount Extension Kit
Extend belts and span obstructions when mounting end-fittings

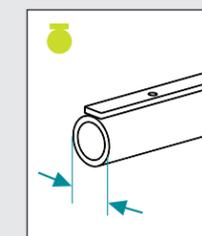
USER'S GUIDE: FRAME TYPES



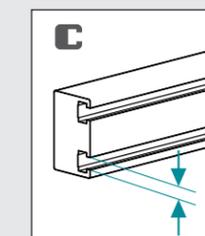
Round
Ø19, 22, 25, 29, 30, 32mm



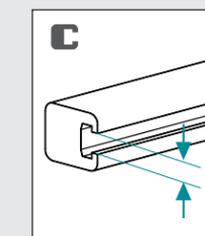
Oval
Quickie Wheelchairs
27mm x 33mm



Tube
with threaded holes for seat upholstery strip



Permobil Unitrack
6mm T-Slots



Invacare and Pride
10mm T-Slots

LUKE

Luke's PivotFit™ Shoulder Harness improves his respiration, head control and overall comfort.

Learn more about Luke at bodypoint.com/success-stories



Patented dual-zone elasticity distributes stretch and pressure evenly for increased comfort and support (PivotFit™ Dynamic only).

Unique shape contours to the shoulders and rib cage for a more supportive, comfortable fit.

New, one-of-a-kind, high-strength swivel buckle allows the pads to pivot into the best placement for the user's body shape.

Customized upper body support improves independence



Bodypoint swivel buckle equalizes tension for an ideal fit

PivotFit™ Shoulder Harness

Promotes upright posture for improved breathing, head control and stability through appropriate shoulder positioning

- Comfortable support from body-contouring shape
- Individualized fit from high-strength swivel buckle
- Available in Dynamic or Non-Stretch styles



Dynamic
Encourages movement to reduce tone



Non-Stretch
Reduces movement to address positioning needs



Stayflex™ Chest Support

Actively stabilizes the trunk while encouraging shoulder movement for long-term stability and performance

- Patented dual-zone elastic construction virtually eliminates upward shifting of chest support when the user leans forward
- Unique materials provide an optimal balance between stretch and resistance
- Standard and narrow styles available with and without zipper



Standard
Comfortable with a controlled amount of stretch



Narrow
Comfortably fits women and users with smaller frames



Dynamic Monoflex™ Chest Support

Promotes free arm movement with minimal yet strong abdominal/chest support

- High-strength elastic padding comfortably stabilizes the trunk without over-stretching
- High-strength swivel buckles with double-tapered padding distribute pressure across the chest
- Available in Underarm Release with front-pull adjustment (above) or Center Release (below) styles



Monoflex™ Center Release
Reduces bulk under the arms and fits under lateral trunk pads for added stability



Trimline Shoulder Harness

Provides aggressive shoulder retraction with maximum freedom of movement across the chest

- Fits women comfortably and modestly with tapered pads and a buckle-free front
- Independent pads for versatile configurations: Crossed at the sternum (below) or backpack style (above)



*Always use an anterior positioning device with a properly fitted pelvic support belt.

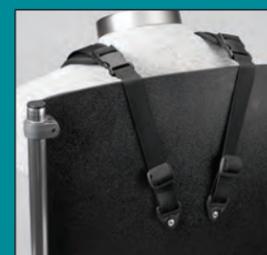
1 SELECT PULL-STYLE



Rear-Pull
Tightens by pulling back and behind the user. Ideal for thicker backrests



Front-Pull
Tightens by pulling forward, in front of the user



Front-Pull Adjustable length
Top straps permit mounting to any type of backrest or mounting bracket

2 SELECT END-FITTING



-B1 Flat-Mount™
Versatile, lowest profile

OR



-B2 Cinch-Mount™
Time saving, precise, easy adjustment



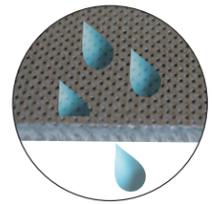
FS032-2 Cam Buckle, 1/4" Hole
For frequent length adjustment on Stayflex, PivotFit and Trimline Harnesses. Mount to solid backrest. Sold separately.

Around water, it's safety first

Aeromesh® Rapid-Dry Bath Belt

A secure, comfortable belt is an essential safety feature for any bath or shower chair. Our belt is soft against bare chest, abdomen, knees and legs

- Allows a complete wash and quick dry as water, soap and air flow freely through Aeromesh® fabric
- Quickly open, close and adjust oversized side release buckles and D-Rings



Water and air easily pass through Aeromesh® fabric



Two-piece pad, grommets

Grommet Mount: Screw corrosion-resistant stainless steel grommets to bath chair frame with a screw, Bath Belt Release Knob (shown, right) or Bodypoint mounting clamps (see page 7)



Quick release knobs facilitate cleaning and adjustments (FA812-BP-2, sold separately, in pairs)



One-piece pad, grommets



One-piece pad, plastic slides

Wrap webbing end around the bath chair frame and secure with plastic slides



Universal Elastic Strap

Temporary positioning for work, play, therapy or fittings with highly stretchable, strong neoprene material

- Easy-grasp hook-and-loop end tab with a convenient thumb hole for users with limited hand function
- Use on the chest, abdomen, lap or legs
- Length can be cut to fit

- SP110S 142cm (56") x 8cm (3")
- SP110L 142cm (56") x 11cm (4-1/2")
- SP110XL 142cm (56") x 15cm (6")



Elastic Extension Strap

Combine with the Universal Elastic Strap to increase its length – a solution to fit around large chairs or car seats.

- SP111S 72.5cm (28-1/2") x 8cm (3")
- SP111L 72.5cm (28-1/2") x 11cm (4-1/2")
- SP111XL 72.5cm (28-1/2") x 15cm (6")



ANDREAS

Andreas holds, lifts and plays with Ellie, his new daughter, using the comfort and support of our Universal Elastic Strap.

Learn more about Andreas at bodypoint.com/success-stories



Leg Harness

The "go-to solution" for users that tend to slide out of their chairs, thrust or have spasticity. The padded strap securely holds the leg at the inner thigh without limiting anterior movement or pressing on the bladder. Can be used with or without a hip belt.

LH600S-B1 OR -B2

23cm (9") x 4cm (1-1/2")

LH600M-B1 OR -B2

33cm (13") x 4.5cm (1-3/4")

LH600L-B1 OR -B2

38cm (15") x 5cm (2")



Quick Release Connector

Attach this bracket to any rigid accessory on the wheelchair frame (such as lateral support, headrest mounting bar, or computer support bracket). It locks securely in place without wiggle, yet allows instant release with one hand. Its slim 1/2" profile provides close-fitting attachment along the seat and backrest.

HW311-2

Ensure all-day joystick access

2 SELECT MOUNTING CLAMP

Tri-Lock™ Modular Mounting Clamp

Rail Mount (PC010) shown on Rotating Shaft (Fits Permobil Unitrack and Pride T-Slotted armrests)

Tube Mount (PC011) shown below (Fits Invacare Ø22 mm, 7/8" round-tube armrests)

1 SELECT JOYSTICK MOUNTING ADAPTERS



Quick-Release Lever (FA171)
Easily adjust and remove Tri-Lock™ Shaft

TRI-LOCK™ ROTATING SHAFT (PC024)

Navigate power chairs with smooth precision and prevent accidental rotation from driving position

3 SELECT MIDLINE ARM

Midline Arm
Straight arm model shown

ADDITIONAL KIT OPTIONS

Made of lightweight and corrosion-resistant black anodized aluminum Midline Arms position joysticks where the user needs them to be: above or below arm rests, in driving position or over the shoulder on chin or head-controlled systems. Position joysticks over lap trays, above or below armrests, in driving position or over the shoulder on chin-controlled systems. Bend or cut to size, and support up to 13.6kg (30lbs) of communication device and joystick weight. Available in straight, J- or L-Shapes.



TODD

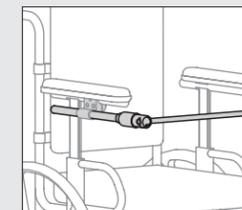
"As a man with C4 quadriplegia, my world is in millimeters. My Bodypoint Midline Joystick gives me independence allowing me to drive with my chin – this is critical to my success! I've had the Midline now for more than a decade and it has not failed. Period."

Learn more about Todd at bodypoint.com/success-stories

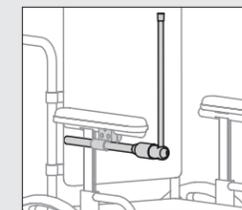


Tri-Lock™ Rotating Shaft Positions

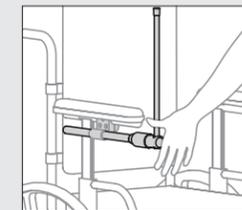
Shown with a Straight Midline Arm Bracket.



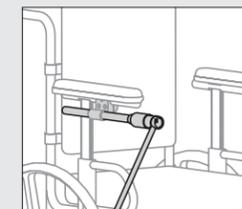
0° Horizontal driving position



90° Allows user to transfer



90° Press to disengage



240° Moved for table access



3" U-Shaped
PC101A Fits stem size: Ø3/16"
PC101B Fits stem size: Ø1/4"



4" U-Shaped
PC102A Fits stem size: Ø3/16"
PC102B Fits stem size: Ø1/4"



Ball knob
PC103A Fits stem size: Ø3/16"
PC103B Fits stem size: Ø1/4"



Straight
PC104A Fits stem size: Ø3/16"
PC104B Fits stem size: Ø1/4"



Rubber Dome
PC107A Fits stem size: Ø3/16"
PC107B Fits stem size: Ø1/4"



2" Rubber Mushroom Head
PC108AS Fits stem size: Ø3/16"
PC108BS Fits stem size: Ø1/4"

Size Guide

3/16" Stem size:
Fits most Invacare joysticks
1/4" Stem size:
Fits Permobil, Pride, Quantum and Quickie joystick models



2-1/2" Rubber Mushroom Head
PC108AL Fits stem size: Ø3/16"
PC108BL Fits stem size: Ø1/4"



Aluminum Top
PC109A-BLUE Fits stem size: Ø3/16"
PC109B-BLUE Fits stem size: Ø1/4"

Position ankles and feet for long-term security

Laminar pads™
Pads hold their shape comfortably, helping to keep feet centered.

Our patch is unmatched
Durable reinforcement patch avoids tears between the straps and pads

- Two Ankle Hugger® styles**
- Hook and loop closure (shown) for easy adjustment
 - Side-release for consistent, long-term fit



Adjustable year-round
Accommodate varied shoe, boot and sock thickness for stable comfort

- Slotted footplates that last**
Heavy gauge but lightweight aluminum plates with non-skid nylon surface and rounded edges stand up to hard use, avoiding injuries and scuffs
- Tough enough to handle high-tone users and collisions with doorways
 - Two sizes for pediatric to adult clients
 - Long central slot allows positioning of the feet to accommodate tight hamstrings

JULIE

Within days of using the Aeromesh® Calf Strap, Julie's calves were less tight and stiff and more relaxed at the end of the day.

Learn more about Julie at bodypoint.com/success-stories

- Padded Aeromesh® Calf Supports**
Distribute lower extremity pressure evenly and control flexion without bruising
- Promote air flow while maintaining shape with proprietary Aeromesh® material bonded to durable stiffener
 - Keep feet safely and comfortably on foot plates with relaxed calves



Aeromesh® Calf Panel



Aeromesh® Calf Straps

| L-SHAPED TUBE | | | FULCRUM TUBE | | |
|---------------|---------------|----------------|--------------|---------------|----------------|
| Footplate | Tube | | Footplate | Tube | |
| | 8-1/2" (22cm) | 12-1/2" (32cm) | | 8-1/2" (22cm) | 12-1/2" (32cm) |
| S | FT101 | FT101L | S | FT105 | FT105L |
| L | FT102 | FT102L | L | FT106 | FT106L |

Adjustable-Angle Footplate Kits
Kits include choice of extension tubes (2), footplates (2), and footplate clamps (2).



Fulcrum taperlock joint offers 270 degrees of adjustability

FOOTPLATE MOUNTING OPTIONS



Mounted in hanger tubes



Mounted high for short leg lengths (use HW404-2 or HW406-2 clamp kits)



Mounted at different heights for single leg amputee (use HW404-2 or HW406-2 clamp kits)

New hip belt numbers for easier fit



Hip belt angles depend on the user's body and positioning needs.

It starts at an angle

Try wearing your belt a notch too tight. That's how many wheelchair users feel all day in a "standard" 45° angle hip belt, and why many belts aren't worn tightly or at all.

Risks of falls, pressure ulcers and other injuries all increase with the wrong angle or without firm support.

In 30 seconds, you can use your hands to feel for the right hip belt angle.

Stand in front of the user, and use your hands to press the pelvis back into the best position, comfortably. The angle your arms push indicates the best angle for the belt.



Follow the angle of your arm to determine the belt attachment point.

No memorization required

At the best angle and position, measure across the user's body to find the padded length for the belt. Then, using our new part numbers that indicate the padded length, you can find the belt with the best fit.

For example, an HB205-L62 has 62cm of padded length. If our numbers don't match your measurement exactly, round down to the smaller size.



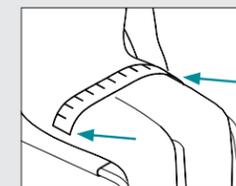
Unique shapes for unique fit

Our laminar pads™ are anatomically correct, following natural pelvic contours for the selected size. That means more surface area contact and better pressure distribution in movement or rest.

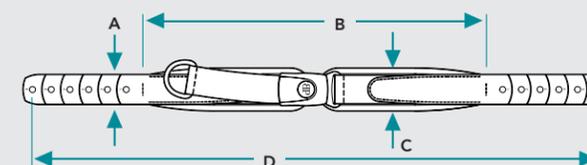


See a video demonstration at bit.ly/hipbelt

How to Measure for a Padded Hip Belt

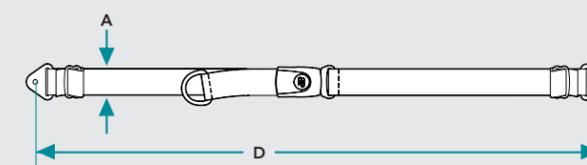


1. Determine the most effective position and angle for the belt.
2. With a flexible tape, measure the distance over the body. This corresponds to the belt's padded length (measurement B).
3. Select the belt size.



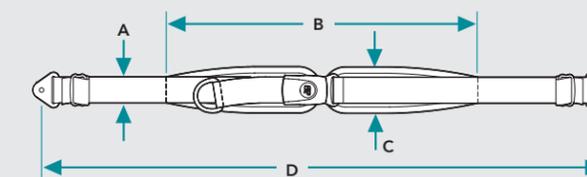
Evoflex® Pelvic Stabilizers

| Size* | A | B | C | D |
|-------|--------------|----------------|----------------|----------------|
| S38 | 2.5cm (1") | 38cm (15") | 5cm (2") | 63cm (24-3/4") |
| M46 | 4cm (1-1/2") | 46cm (18") | 5.5cm (2-1/4") | 76cm (29-3/4") |
| L62 | 5cm (2") | 62cm (24-1/2") | 7cm (2-3/4") | 96cm (37-3/4") |



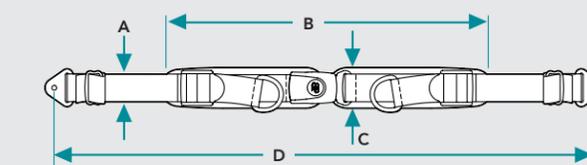
Non-Padded Hip Belts

| Size* | A | D |
|-------|--------------|-------------|
| S | 2.5cm (1") | 117cm (46") |
| M | 4cm (1-1/2") | 142cm (56") |
| L | 5cm (2") | 155cm (61") |
| L-EXT | 5cm (2") | 206cm (81") |



Center-Pull and Dual-Pull Hip Belts

| Size* | A | B | C | D |
|-------|--------------|----------------|----------------|-------------|
| S32 | 2.5cm (1") | 32cm (12-1/2") | 4.5cm (1-3/4") | 117cm (46") |
| S38 | 2.5cm (1") | 38cm (15") | 5cm (2") | 117cm (46") |
| M36 | 4cm (1-1/2") | 36cm (14") | 5.5cm (2-1/4") | 130cm (51") |
| M46 | 4cm (1-1/2") | 46cm (18") | 5.5cm (2-1/4") | 142cm (56") |
| L62 | 5cm (2") | 62cm (24-1/2") | 7cm (2-3/4") | 155cm (61") |
| L82 | 5cm (2") | 82cm (32") | 9cm (3-1/2") | 206cm (81") |
| L92 | 5cm (2") | 92cm (36") | 10cm (4") | 206cm (81") |



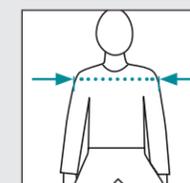
Rear-Pull Hip Belts

| Size* | A | B | C | D |
|-------|--------------|----------------|----------------|-------------|
| S38 | 2.5cm (1") | 38cm (15") | 5cm (2") | 117cm (46") |
| M40 | 4cm (1-1/2") | 40cm (15-3/4") | 5.5cm (2-1/4") | 142cm (56") |
| M46 | 4cm (1-1/2") | 46cm (18") | 5.5cm (2-1/4") | 142cm (56") |

* Webbing (A): S= 1", M= 1-1/2", L= 2"

Stayflex™, PivotFit™ and Trimline Shoulder Harnesses

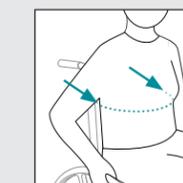
Measure the maximum width across the shoulders, at the deltoid muscles.



| Size | Shoulder Width |
|------------------------|------------------------|
| XS | 24-28cm (9-1/2-11") |
| S | 28-33cm (11-13") |
| M | 33-41cm (13-16") |
| L | 41-48cm (16-19") |
| XL | 48-56cm (19-22") |
| PivotFit Harness Only: | |
| XXS | 21-24cm (8-1/4-9-1/2") |

Monoflex™ Chest Supports

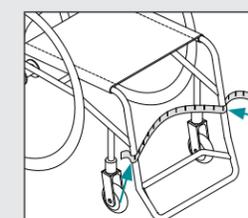
Measure the trunk around the front and sides at the height at which the Monoflex™ will be worn.



| Size | Min/Max Fit Range |
|------|----------------------|
| XS | 36-45cm (14-17-1/2") |
| S | 46-55cm (18-21-1/2") |
| M | 56-65cm (22-25-1/2") |
| L | 66-75cm (26-29-1/2") |
| XL | 76-85cm (30-33-1/2") |

Aeromesh® Calf Supports

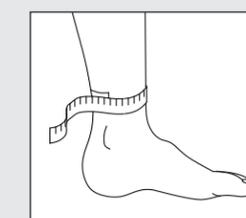
Measure the curved distance around the legs from the outside of the wheelchair. Allow for "flex."



| | |
|---|--------------------|
| S | 35 - 40cm (14-16") |
| M | 40 - 50cm (16-20") |
| L | 50 - 61cm (20-24") |

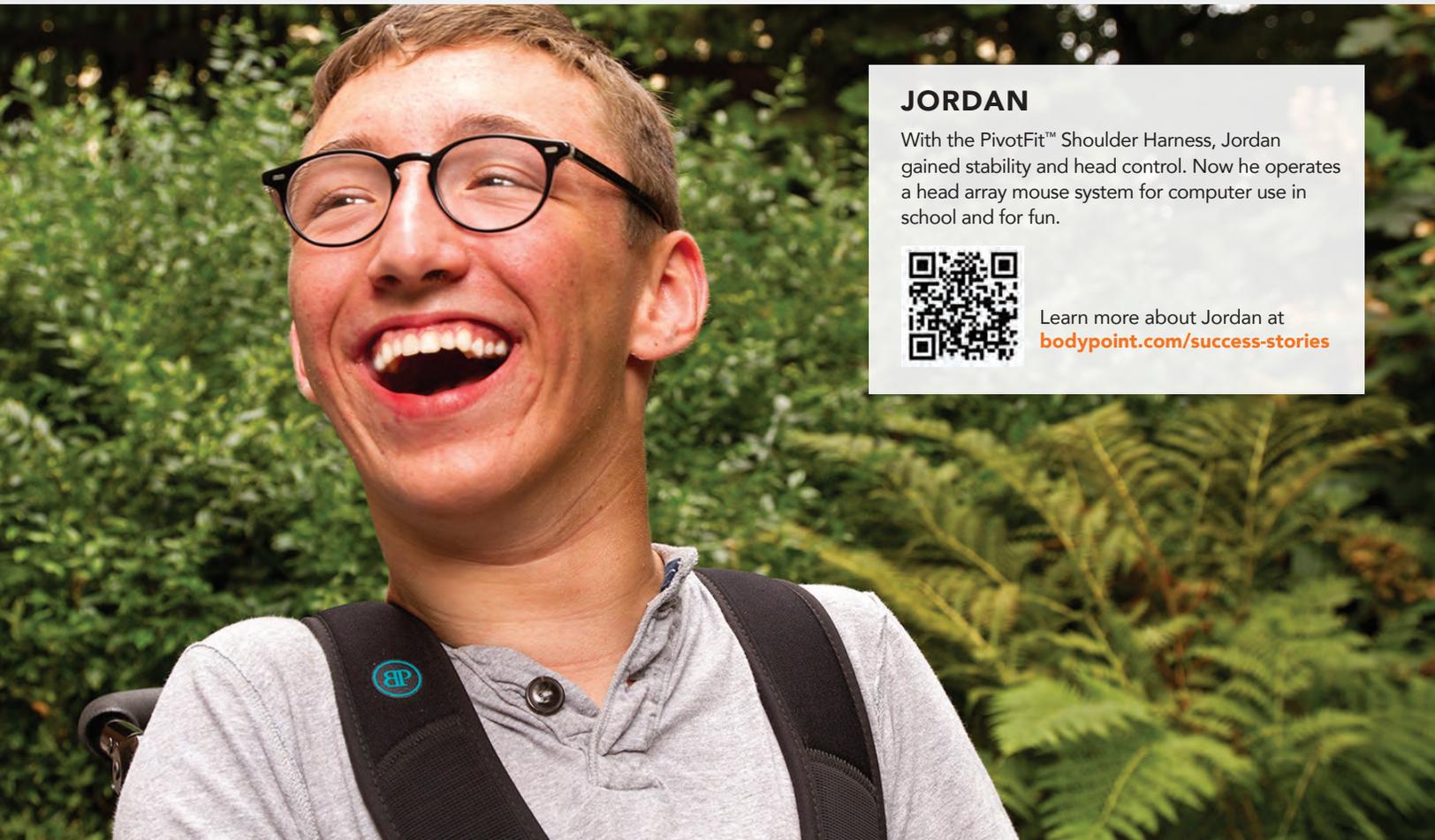
Ankle Huggers® Support Straps

Measure circumference above ankle.



| | |
|----|---------------------------|
| XS | 14cm-17cm (5-1/2-7") |
| S | 17cm-20cm (6-1/2-8") |
| M | 19cm-23cm (7-1/2-9") |
| L | 22cm-29cm (8-1/2-11-1/2") |
| XL | 28cm-33cm (11-13") |

When his head is held high, so is yours.



JORDAN

With the PivotFit™ Shoulder Harness, Jordan gained stability and head control. Now he operates a head array mouse system for computer use in school and for fun.



Learn more about Jordan at bodypoint.com/success-stories



Proof of performance

Manufactured and tested to all applicable ISO and ANSI/RESNA standards in Seattle, Washington, USA



Positions that last

From chest through feet, award-winning products offer consistent strength, comfort and convenience



Easy to maintain

Machine-washable/dryable fabrics



Support on demand

Call us or find clinical and technical resources at bodypoint.com



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www.permobil.ca

permobil

Order, quote, track shipments at bodypoint.com
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sales@bodypoint.com Fax: 206.405.4566



STRENGTHEN
YOUR
POSITION