



Point **Designs**

Mechanical Articulating Digits

 **steeper**
by eqwal



Strength.
That's the point



Company Introduction

Point Designs

Point Designs was founded by researchers in the field of upper limb prosthetic design from the Biomechanics Development Laboratory at the University of Colorado. Professors Richard Weir and Jacob Segil have decades of research experience spanning neural interfaces, myoelectric control algorithms, and upper limb prosthetic design.

The foundation of all their products is an innovative improvement to the “conventional” passive prosthesis. Point Designs produces heavy-duty, functional upper limb prosthetic devices developed to improve the independence of patients who have lost one or more fingers or thumbs. With a key focus on ensuring the right fit for every patient, Point Designs is committed to helping users throughout their prosthetic journey. Alongside our team at Steeper, we are here to help every step of the way.





Point Digit

The Point Digit is a passive mechanical finger for users with partial hand amputation. It features a ratcheting mechanism that enables one-handed use and up to 11 distinct locking positions while the integrated, compliant, touch screen compatible fingertip pads add enhanced grip. The Point Digit is made from titanium for improved strength.

Up to four Point Digits can be integrated into a prosthetic socket using just one mounting kit, which must be ordered separately. Lamination spacers, and mounting hardware are among the accessories included with the Point Digit.

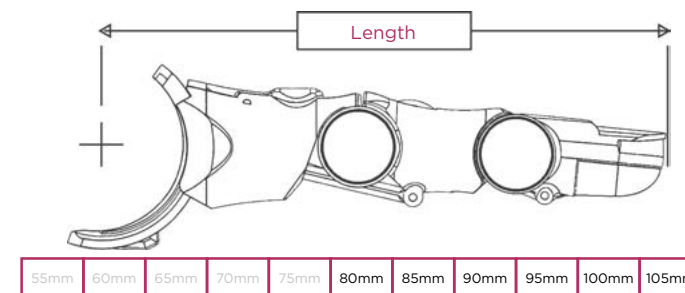
Features and Benefits

- 11 locking levels of flexion
- 6 standard sizes (80, 85, 90, 95, 100, and 105 mm, measured from MCP joint centre to fingertip)
- One-handed operation
- Patented ratcheting mechanism enabling unilateral operation with auto spring back

Product Specification

Weight Limit (kg)	68kg per digit
Material	3D-Printed Titanium
Weight of Unit (g)	30-36g
Rated pinch grip strength	667 N (150 lbf)
Rated hook grip strength	667 N (150 lbf)
Rated tear out strength	1334 N (300 lbf)
Expected Service Life	3 years
Warranty	2 years <small>1 year additional warranty available to purchase</small>

Sizing Guide



In the Box



Ordering Example

NPNTDG2-0▲-G

▲ = Size in mm (80, 85, 90, 95, 100, 105)



Point Digit Mini

The Point Digit Mini is a mechanical, passive and robust articulating prosthetic finger. It features a ratcheting mechanism that enables up to 11 unique positions of flexion and integrated, compliant, touch screen compatible fingertip pads for enhanced grip. A semi-hollow 3D-printed titanium construction ensures a high strength-to-weight ratio.

Up to four Point Digits can be integrated into a prosthetic socket using just one mounting kit, which must be ordered separately. Lamination spacers and mounting hardware are among the accessories included with the Point Digit Mini.

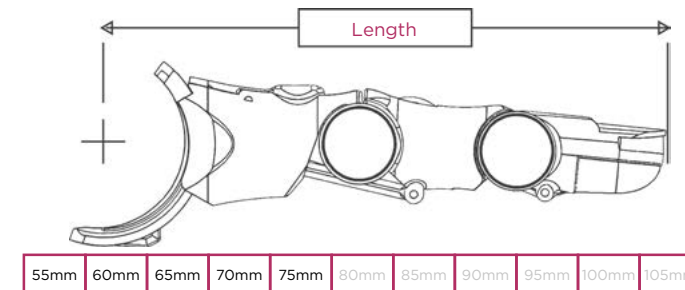
Features and Benefits

- 7-11 locking levels of flexion
- 5 standard sizes (55, 60, 65, 70, and 75mm measuring from MCP joint centre to fingertip)
- One-handed operation

Product Specification

Weight Limit (kg)	68kg per digit
Material	3D-Printed Titanium
Weight of Unit (g)	20-28g
Rated pinch grip strength	667 N (150 lbf)
Rated hook grip strength	667 N (150 lbf)
Rated tear out strength	1334 N (300 lbf)
Expected Service Life	3 years
Warranty	2 years <small>1 year additional warranty available to purchase</small>

Sizing Guide



In the Box



Point Digit Mini



Lamination spacer



Torx Tool®



Mounting hardware



5x Fingertip pads



Fingertip pad installation tool

Plastic case

2x Grip bands

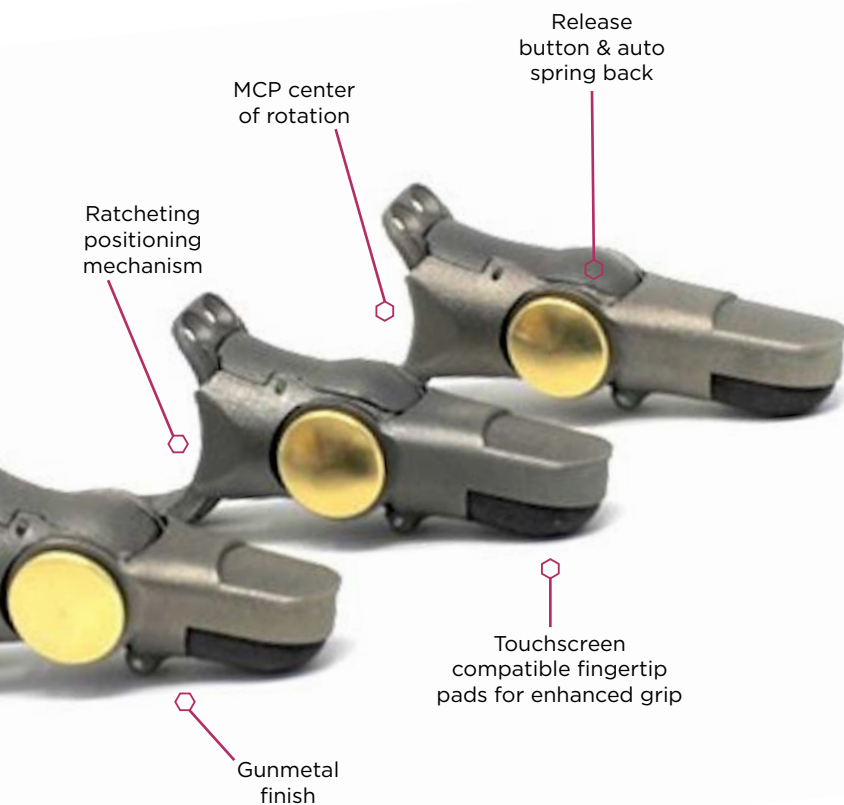
Mounting kit sold separately



Ordering Example

NPNTMN-0▲-G

▲ = Size in mm (55, 60, 65, 70, 75)



Point Partial

The Point Partial is a mechanical articulating prosthetic partial finger for patients with partial finger amputations of digits 2-5 near the proximal interphalangeal (PIP) joint. It features a ratcheting mechanism which enables seven positions of flexion as well as integrated compliant touch screen compatible fingertip pads for enhanced grip.

A semi-hollow titanium construction ensures a high strength-to-weight ratio. The Point Partial is designed for integration into a hard shell with a soft inner liner.

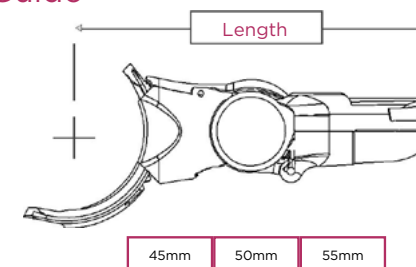
Features and Benefits

- 3 standard sizes (45, 50, and 55mm measured from the end of the residual digit to fingertip)
- 7 locking levels of flexion
- 68kg load capacity
- One-handed operation

Product Specification

Weight Limit (kg)	68kg per digit
Material	Titanium
Weight of Unit (g)	15-20g
Rated pinch grip strength	667 N (150 lbf)
Rated hook grip strength	667 N (150 lbf)
Rated tear out strength	1334 N (300 lbf)
Expected Service Life	3 years
Warranty	2 years <small>1 year additional warranty available to purchase</small>

Sizing Guide



Ordering Example

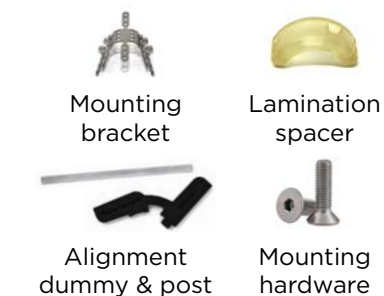
NPNTPL2-0▲-G

▲ = Size in mm (45, 50, 55)

In the Box



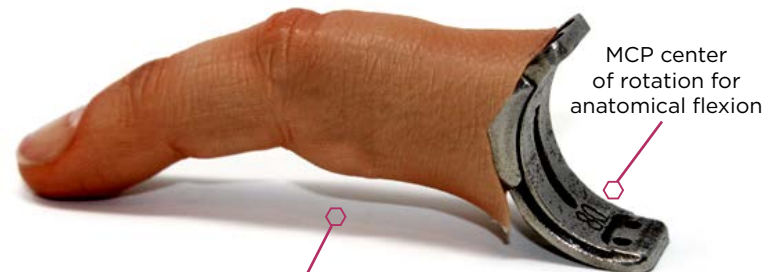
In the Box: Mounting Kit





Release button & auto spring back

Gunmetal finish



MCP center of rotation for anatomical flexion

Hyper realistic silicone cover

Point Endo

The Point Endo is an ideal option for users seeking a more realistic looking device whilst still benefiting from the high strength load capacity. This passive device features a ratcheting mechanism that enables one-handed use and up to 9 unique positions of flexion; simply push the fingertip against an opposing surface such as a leg or table.

The fused DIP joint allows the Point Endo to be integrated with a High Definition Custom Silicone cover, available to order separately. The device can be mounted alongside 3 other digits with the use of the Point Endo Mounting Kit.

Features and Benefits

- 4 standard sizes (80, 85, 90, and 95mm measured from MCP joint centre to fingertip)
- 9 locking levels of flexion
- 68kg load capacity
- One-handed operation
- Intended for use with a High Definition Custom Silicone cover (supplied separately)

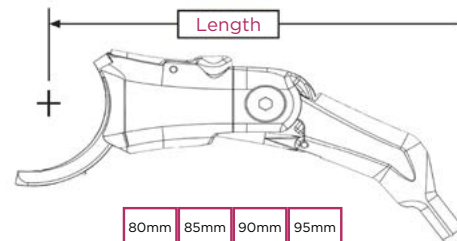
Note: For more information on High Definition Custom Silicone covers, contact us our team at silicone@steepergroup.com.

Product Specification

Weight Limit (kg)	68kg per digit
Material	Titanium
Weight of Unit (g)	20-24g
Rated pinch grip strength	667 N (150 lbf)
Rated hook grip strength	667 N (150 lbf)
Rated tear out strength	1334 N (300 lbf)
Expected Service Life*	3 years
Warranty	2 years <small>1 year additional warranty available to purchase</small>

*The rated service life as defined is for the Point Endo only. It does not apply to the High Definition Custom Silicone cover.

Sizing Guide



Ordering Example

NPNTENDO-0▲-G

▲ = Size in mm (80, 85, 90, 95)

In the Box



Point Endo



Lamination spacer



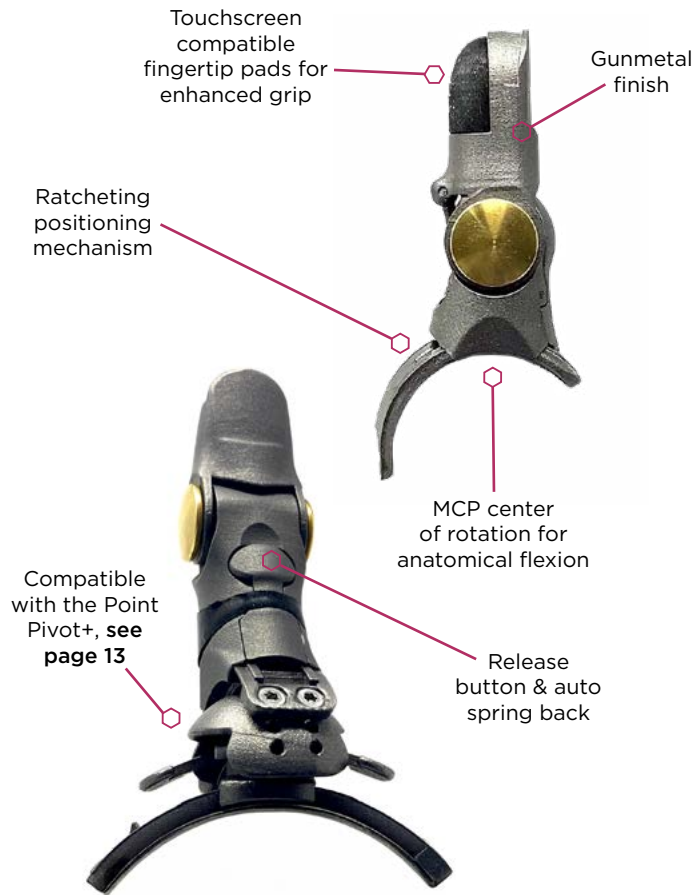
Torx Tool®



Mounting hardware



Mounting kit sold separately



Point Thumb

The Point Thumb is designed for users who have lost their thumb at, or near, the metacarpophalangeal (MCP) joint. It is a mechanical, passive device featuring a ratcheting mechanism that enables one-handed use and 11 distinct locking positions.

With integrated, compliant, touch screen compatible fingertip pads and fitted silicone bands for additional grip, the Point Thumb empowers people with partial thumb amputation by giving them more mobility, function, and independence.

The Point Thumb helps users to perform everyday tasks such as holding utensils to eat or brushing their teeth with ease by allowing them to complete grasping and pinching motions.

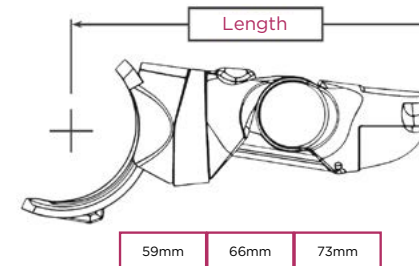
Features and Benefits

- 3 standard lengths (59, 66, and 73 mm measured from the MP joint to thumb tip)
- 11 locking levels of flexion
- 68kg load capacity
- One-handed operation
- The only prosthetic thumb with anatomical rotation about the patient's metacarpophalangeal (MCP) joint

Product Specification

Weight Limit (kg)	68kg per digit
Material	Titanium
Weight of Unit (g)	28-38g
Rated pinch grip strength	667 N (150 lbf)
Rated hook grip strength	667 N (150 lbf)
Rated tear out strength	1334 N (300 lbf)
Expected Service Life	3 years
Warranty	2 years <small>1 year additional warranty available to purchase</small>

Sizing Guide



Ordering Example

NPNTTHB-0▲-G

▲ = Size in mm (59, 66, 73)

In the Box



Point Thumb



Torx Tool®



5x Fingertip pads



Fingertip pad installation tool

Plastic case

5x Grip bands

In the Box: Mounting Kit



Mounting bracket



Lamination spacer

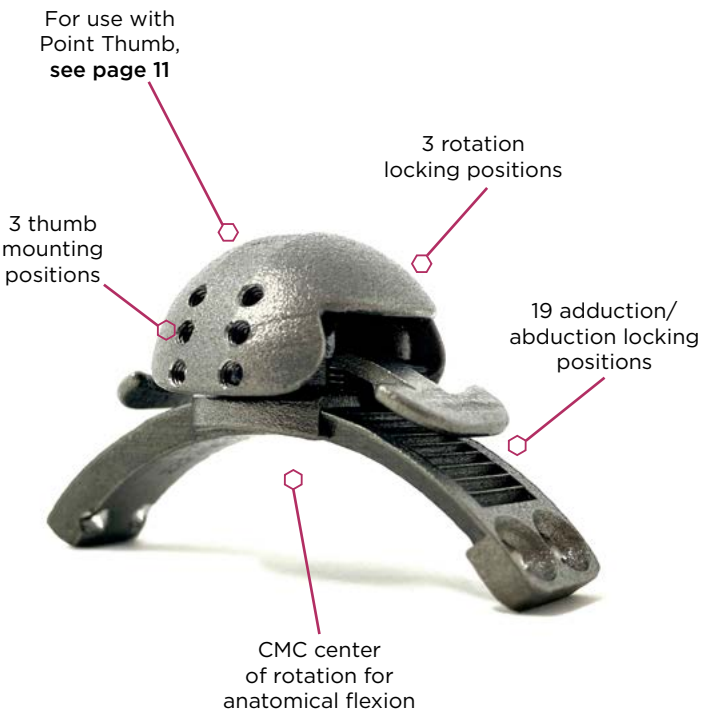


Alignment dummy & post



Mounting hardware





Point Pivot+

The Point Pivot+ is a dynamic mounting system that provides additional degrees of freedom to the Point Thumb. As a replacement to the standard mounting unit for the Point Thumb, the Point Pivot+ provides many functional benefits to the patient. It allows for the Point Thumb to be moved from an oppositional position to a lateral position with 19 locking levels of adduction/abduction. Simply depress the paddle and move the Point Thumb to the desired location with one hand.

Additionally, it enables 3 positions of rotation in the plane that the Point Thumb flexes and extends in, allowing for a greater number of achievable hand grasps.

The mounting kit featuring lamination spacers, an end stop and mounting hardware must be ordered separately.

Features and Benefits

- 19 locking levels of adduction/abduction
- 3 positions of rotation
- 3 mounting positions for the Point Thumb

Product Specification

Weight Limit (kg)	68kg
Material	Titanium
Weight of Unit (g)	14.5g
Rated load parallel to the track (in the adduction/abduction direction)	667 N (150 lbf)
Rated load perpendicular to the track	667 N (150 lbf)
Rated torque	8 Nm (5.9 ft-lbf)
Expected Service Life	3 years
Warranty	2 years <small>1 year additional warranty available to purchase</small>

In the Box



In the Box: Mounting Kit



Ordering Example
NADD-ABD-RAIL





Extended Peace of Mind

Extended Warranty

Point Designs warrants that its products will be free from defects in material and/or workmanship for a period up to 2-years from the date of delivery. However, should users require an added layer of protection, a 1-year extended warranty can be purchased for each product.

Users can also rest assured knowing they'll receive free fingertip replacement pads for the life of the product, so they'll have continued access to functionality, mobility and independence.

Full warranty terms and conditions can be found [here](#) or on our website www.steepergroup.com.

Point Designs Ambassadors

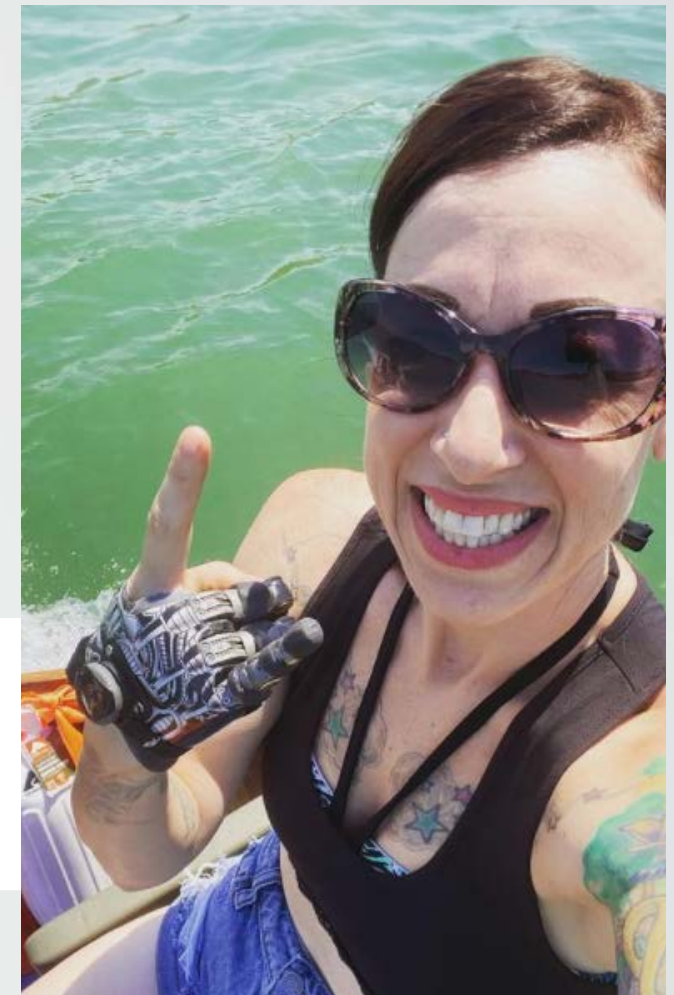
Meet Angie Coe

An off-roading accident resulted in the amputation of digits 3-5 on Angie's right hand in February 2020. Although life changing, Angie did not let the accident break her spirit and she strived to adapt and overcome the challenges that her new reality brought to her life.

With her recovery underway, Angie searched for a prosthesis that would allow her some of the freedoms that she enjoyed prior to her accident. She soon found that solution with Point Designs.

"I feel so much more comfortable, and in control, gripping the reins with point designs fingers. The possibilities in all activities are endless."

Angie Coe



The Prescription Process

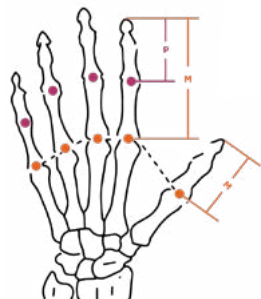
To order a Point Designs prosthetic device, a qualified Prosthetist will need to complete a Component Order Form for each hand being fit. This form is available online and by request from Customer Services and will be used to assess if the chosen device(s) will be suitable for the patient to ensure a positive outcome.

Please contact Steeper Product Manager for sample sizing devices and clinical support.

In order to properly assess suitability, and manufacture a device optimised to the patient's individual anatomy, specific details are required:

MCP/PIP Measurements

Measurements will need to be taken of all the intact fingers in order to select the most appropriate size for the absent digit.



Photos & Videos

We recommend supplying high-resolution photos showing an unobstructed view of the hand and the impaired digit. These are helpful to identify the appropriate device length for the patient. Videos showing the users ROM can also be helpful in complex cases.



Patient Goals

The patient will need to provide a list of manual tasks they would like to achieve by wearing the device, as it will provide an insight into what the potential outcomes will be and aid in managing expectations.





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