

Overview

The Point Pivot+ is a dynamic mounting system that provides additional degrees of freedom to the Point Thumb. As a replacement to the the standard mounting system for the Point Thumb, the Point Pivot+ provides many functional benefits to the patient. It allows the Point Thumb to be moved from an oppositional position to a lateral position. Additionally, it enables rotation of the flexion/extension plane of the Point Thumb, allowing for a greater number of achievable hand grasps.

Ideal Candidates

Ideal candidates are users who:

- Have near carpometacarpal (CMC) level amputations of the thumb
- Require a robust prosthesis
- Desire oppositional and flat hand grasps

Features

- 19 locking levels of adduction/abduction
- 3 positions of rotation
- 3 mounting positions for the Point Thumb
- High strength: 150 lb (68 kg) load capacity
- Low weight: 0.51 oz (14.5 g)

Compatibility

Used in place of the standard mounting system of the Point Thumb, the Point Pivot+ provides many functional benefits to the patient. and is designed for integration into a hard shell with a soft inner liner (e.g. carbon fiber with silicone or similar). Sockets are not included with the Point Pivot+. Though it is intended for use with the Point Thumb, the Point Pivot+ is compatible with the Point Digit, Point Digit mini, and Point Partial.



Point Pivot+

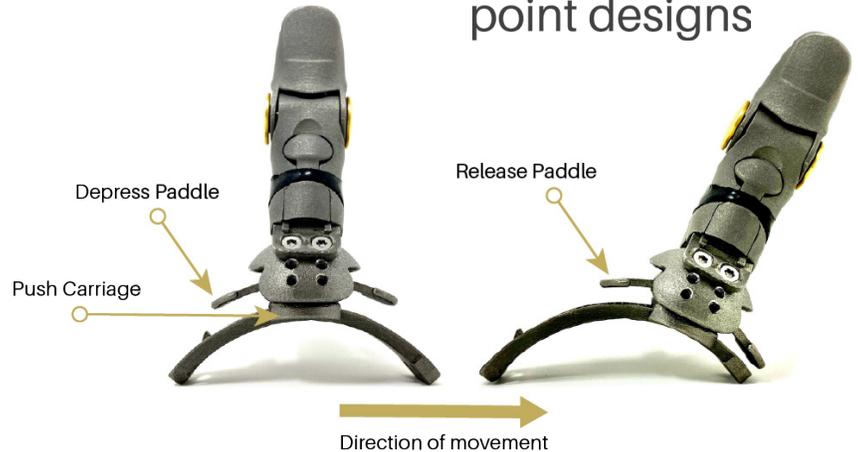
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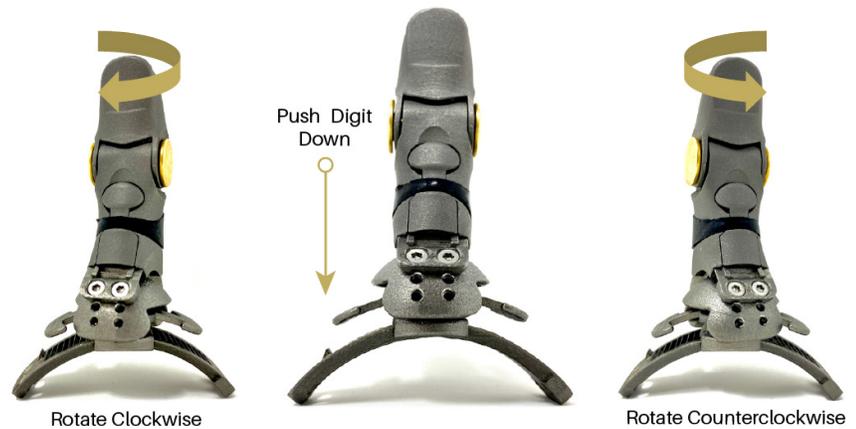
point designs

Operation

Adduction/Abduction: User moves the Point Pivot+ into one of 19 locking positions by pressing the paddle opposite the desired direction of motion and pushing the carriage. When the paddle is released, the device will automatically lock into place.



Rotation: User rotates the Point Pivot+ by applying a downward force and rotating the attached digit into one of 3 locking positions. When the digit is released, the device will automatically lock into place.



Mounting Kit Overview

The Point Pivot+ mounting kit connects one Point Pivot+ system into a hard shell socket (e.g., carbon fiber). The mounting kit consists of two brackets, a two-piece lamination spacer, and mounting hardware. After proper positioning, the brackets are embedded into the shell material. A lamination spacer is provided to assist with the embedding process. Mounting hardware is used to attach the lamination spacer to the brackets during lamination, as well as for the final installation of the Point Pivot+.



Features

- Steel construction for high strength - 300 lb (136 kg) tear out strength (using supplied mounting screws)
- Lamination spacers maintain mounting area during bracket embedding process
- Torx™ screws are used to minimize stripping and tampering