

Point Pivot

Product Overview - 2023



Overview

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 system for the Point Thumb, the Point Pivot provides many functional benefits to the patient. It features a spring-loaded mechanism that enables 18 positions of rotation in the plane that the Point Thumb flexes and extends in, allowing for a greater number of achievable hand grasps. The Point Pivot is made from titanium for ample strength.

Ideal Candidates

Ideal candidates are users who:

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

Features

- 18 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)
- Anatomical opposition about the patient's CMC joint



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.



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Operation

Rotation: User rotates the Point Pivot by applying a downward force and rotating the attached digit into one of 18 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 a bracket, a lamination spacer, and mounting hardware. After proper positioning, the bracket is 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