

Point Pivot

Product Overview - 2023



Overview

The Point Pivot is a rotatable mounting system that provides an additional degree of freedom to the Point Thumb. As a replacement for the the standard mounting system for the Point Thumb, the Point Pivot enables 18 positions of rotation of the plane that the Point Thumb flexion-extension plane 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 thumb amputations slightly proximal to the metacarpal phalangeal (MCP) joint
- Require a robust prosthesis
- Desire more options for oppositional hand grasps

Features

- 18 positions of rotation
- 3 mounting positions per side for the Point Thumb
- High strength: 150 lb (68 kg) load capacity
- Low weight: 0.43 oz (12.2 g)

Compatibility

Used in place of the standard mounting system of the Point Thumb, the Point Pivot 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.

The Point Pivot comes in two configurations: **Compact** and **Extended**. By default the Point Pivot is provided in the Compact configuration, which is designed for integration with new sockets. The Extended configuration can be provided upon request. The Extended configuration is directly compatible with existing sockets where a Point Thumb was previously mounted.



Compact Configuration



Extended Configuration

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Operation

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 for the **Compact** configuration consists of a bracket, a lamination spacer, and mounting hardware. After proper positioning, the bracket is embedded into the shell material. The lamination spacer assists with the embedding process. The mounting kit for the **Extended** configuration consists of only mounting hardware (this configuration is intended for existing sockets so no fabrication/lamination is needed). For either configuration, mounting hardware is used to attach the Point Pivot to the hard shell socket.

Features



- 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