Point Endo

Product Overview - 2022

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Overview

The Point Endo is a mechanical, passive (i.e., not powered) and robust articulating prosthetic finger. The Endo uses a ratcheting mechanism that enables up to 9 unique positions of flexion. It also has a fused DIP joint, as it is meant to be integrated with a silicon cover. A semi-hollow titanium construction ensures a high strength to weight ratio.

Ideal Candidates

Ideal candidates are users who:

- Have near metacarpophalangeal (MCP) level amputations of the index, middle, ring, and/or little fingers
- Desire a functional prosthesis with an aesthetic cover
- Desire one-handed operation and anatomical flexion

Features

- Up to 9 locking levels of flexion
- High strength: 150 lb (68 kg) load capacity
- Low weight: 0.7 oz - 0.88 oz (20g - 25g) depending on length
- Anatomical rotation about the patient's MCP joint
- 4 lengths - 80, 85, 90, and 95 mm, measured from MCP joint center to fingertip
- One-handed operation

Operation

- User positions the finger into 1 of up to 9 locking levels of flexion by pushing the fingertip against an opposing surface (e.g., leg, table, etc.)
- The Point Endo automatically locks into place, enabling the user to perform desired task.
- The Point Endo are extended from a locked position by either pushing the release button or fully flexing the digit to engage the auto spring back feature.

Compatibility

Designed for integration into a hard shell with a soft inner liner (e.g. carbon fiber with silicone or similar). The Point Endo is also designed to be integrated with a silicon (or similar) cover. Sockets are not included with the Point Endo.

Point Endo (Mounting Kit)
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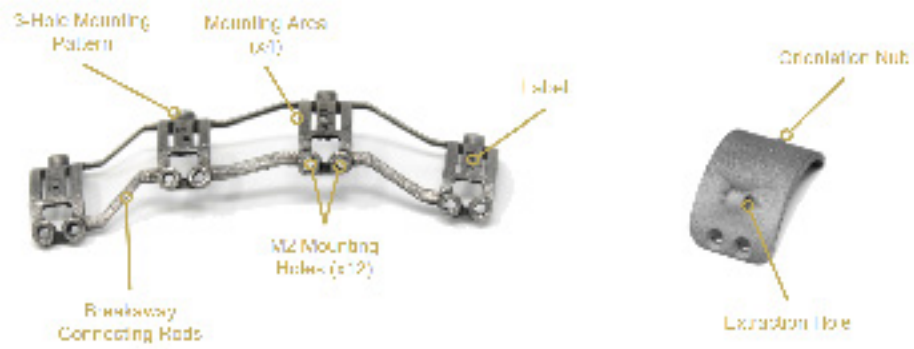
The Point Endo mounting kit enables securement of 1 - 4 Point Endos into a hard shell socket (e.g., carbon fiber or similar). The mounting kit consists of a mounting bracket, lamination spacers, and mounting hardware. After proper positioning, the bracket is embedded into the shell material. Lamination spacers are provided to assist with the embedding process. Mounting hardware is used to attach the lamination spacers to the bracket during lamination, as well as for the final installation of the Point Digits.



Features

- Breakaway design for easy integration into socket for 1 - 4 Point Endo systems
- Steel construction for high strength - 300 lb (136 kg) tear out strength (using supplied mounting screws)
- Mounting bracket shape enables anatomical flexion with adduction of multiple digit installations
- Lamination spacers maintain mounting area during bracket embedding process
- Torx™ screws are used to minimize stripping and tampering
- Mounting areas are labeled for intuitive orientation and installation