

# Point Thumb

## Product Overview



### Overview

The Point Thumb is a mechanical, passive (i.e., not powered) and robust articulating prosthetic thumb. It uses a ratcheting mechanism that enables 11 unique positions of flexion. The Point Thumb features integrated compliant touchscreen compatible\* thumbtip pads and molded silicone grip bands for enhanced grip. A semi-hollow titanium construction ensures a high strength to weight ratio.

### Ideal Candidates

Ideal candidates are users who:

- Have near metacarpophalangeal (MCP) level amputation of the thumb
- Require a robust prosthesis
- Desire one-handed operation and anatomical flexion

### Features

- 11 locking levels of flexion
- High strength: 150 lb (68 kg) load capacity
- Low weight: 1.0 oz - 1.3 oz (28 g - 38 g) depending on length
- Anatomical rotation about the patient's MCP joint
- 3 lengths: 59, 66, and 73 mm, measured from MCP joint center to fingertip
- One-handed operation



### Operation

- User positions the Point Thumb into 1 of 11 locking levels of flexion by pushing the thumbtip against an opposing surface (e.g., leg, table, etc.)
- The Point Thumb automatically locks into place, enabling the user to perform desired task.
- The Point Thumb is 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). Sockets are not included with the Point Thumb.



*\*Touchscreen compatibility is not guaranteed, but has been tested on common iOS, Android, and Windows devices using standard socket material (silicone inner liner with carbon fiber outer shell)*

# Point Thumb (Mounting Kit)

## Product Overview



### Overview

The Point Thumb mounting kit enables securement of 1 Point Thumb into a hard shell socket (e.g., carbon fiber). The mounting kit consists of a mounting bracket, lamination spacer, alignment tool, alignment transfer post, and mounting hardware. After proper positioning using the alignment tool, the bracket is embedded into the shell material. An alignment transfer post is provided to assist with transferring digit alignment from a diagnostic socket to a definitive socket, if needed. A lamination spacer is 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 Thumb.



### Features

- Bendable tabs for easy tacking during alignment and strength after lamination
- Alignment tool demonstrating full flexion/extension enables alignment without using prosthetic digit
- Alignment transfer post provides secure attachment during transfer of alignment from diagnostic socket to definitive socket
- Stainless 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