

## ThumbDriver™

The ThumbDriver is a custom, body-driven mechanical thumb, which uses a unique anchor design to restore the grasp capabilities of the hand.

The ThumbDriver is intended for use by those with a **thumb absence between the MCP and IP joint**. There must be natural motion present in the individual's CMC and/or MCP joints, along with enough residual digit to engage the suspension ring, so the device can provide a rigid opposition to any heavy forces generated by the finger.

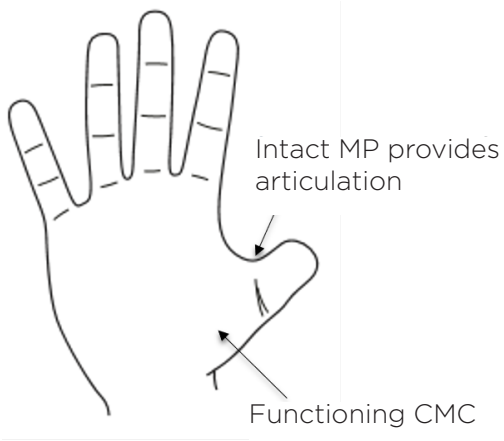
The ThumbDriver provides a subtle articulation movement using MCP joint flexion, with the backplate washer and unique hinge design allowing the device to track the complex multi-axial CMC motion of the thumb.

It can be used in conjunction with the MCPDriver and PIPDriver for a complete solution for multiple digit amputations on one hand.

### Features and Benefits

- Works in conjunction with the fingers to provide key oppositional grip force
- Bespoke silicone backplate and adjustable harness for optimum comfort
- Interchangeable suspension rings provided for an ideal fit
- User adjustable thumb tip
- 'Cage' structure of the device protects the hypersensitive site of amputation without making physical contact
- Full set of silicone shims in three sizes provided so patients can adjust fit in accordance with volume fluctuations
- Silicone rubber tip pads to mimic the natural thumb tip and provide additional grip
- Adjustable abduction/adduction washers to optimise freedom of motion
- Can be customised with ten colour coating options

### Amputation Level:



### ThumbDriver™ Colour Coating Options



\*Colour swatches available upon request.

### ThumbDriver™ Ordering Information

#### ThumbDriver

Product	Product Code
ThumbDriver: 1-digit system	NMCPTH-1DS

#### ThumbDriver & MCPDriver Combination

Product	Product Code
ThumbDriver/MCPDriver: 2-digit system	NMCPTH-2DS
ThumbDriver/MCPDriver: 3-digit system	NMCPTH-3DS
ThumbDriver/MCPDriver: 4-digit system	NMCPTH-4DS
ThumbDriver/MCPDriver: 5-digit system	NMCPTH-5DS

#### Warranty

Product	1-Year Warranty Code	2-Year Warranty Code
ThumbDriver: 1-digit system	NEW1AY-1DS	NEW2AY-1DS
ThumbDriver/MCPDriver: 2-digit system	NEW1AY-2DS	NEW2AY-2DS
ThumbDriver/MCPDriver: 3-digit system	NEW1AY-3DS	NEW2AY-3DS
ThumbDriver/MCPDriver: 4-digit system	NEW1AY-4DS	NEW2AY-4DS
ThumbDriver/MCPDriver: 5-digit system	NEW1AY-5DS	NEW2AY-5DS

### ThumbDriver™ Prescription Process

To order a Naked Prosthetic device, you will require sizing rings, colour swatches, and need to fill in the Patient Intake Form. This form will be used to assess if a device(s) will be suitable for the patient to ensure a positive outcome.

**Please contact Steeper for sizing rings, swatches and clinical support.**

#### Required for ThumbDriver prescription:

- Completed Patient Intake Form (PIF)
- High resolution photos of impaired digit next to a ruler:
  1. Fingers extended, palmar view
  2. Fingers extended, dorsal view
- Range of motion videos:
  1. Full flexion and extension, palmar view
  2. Full flexion and extension, sagittal view
- Photos with sizing rings on
- Device sizing form (on the PIF)
- Colour coating selected
- Positive hand mould

### ThumbDriver™ Technical Information

Materials	Nylon 12, Stainless Steel 316, silicone, titanium
Resistant To	Water, dirt, dust, alcohol, acetone, isopropanol
Heat Resistance	< 175°C (347°F)
Ring Max. Tensile Load	36kg (80lbs)
Warranty	1 year (extended warranty options available)