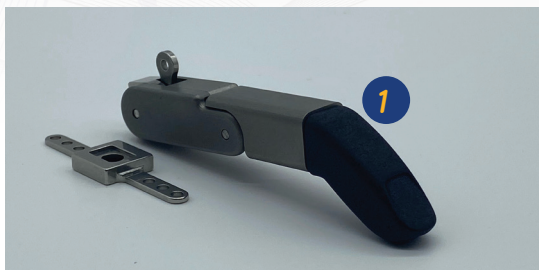




Partial Hand SOLUTIONS, LLC



Technical Instructions Titan Flex, Titan Thumb, Titan Finger - Partial



Titan Flex Assembly

1. Titan Flex



Titan Partial Finger Assembly

1. Titan Partial Assembly
2. Tabs
3. Grip Tip



Titan Thumb Assembly

1. Titan Thumb Assembly
2. Grip Tip

Mounting Instructions

(Titan Flex and Partial Titan Fingers)

Titan fingers are fabricated directly into the socket; no additional mounting hardware is necessary.

Adjustments

- Loctite the 2mm Allen screw on side of finger. Do not overtighten. Loctite should be applied to threads of screw.
- Loctite Phillips mounting screw.
- Due to normal wear and tear, the pin may become loose and cause play in the joint. The finger should be removed by removing the Phillips mounting screw and returned to manufacturer for service. Do not disassemble.

Positioning the Finger (Titan Flex)



The Titan Flex can be positioned in several ways:

Option 1- Connect cable to loop and a pull on the cable will cause fingers to automatically flex. The cable is typically connected to a forearm cuff and wrist flexion would apply tension to the cable.

Option 2- Applying pressure to the back of the finger will cause the finger to ratchet into flexion. To extend the finger back the cable would need to be pulled to disengage the lock and then the finger can be repositioned manually.

Option 3- Momentum can also cause the fingers to flex. By rapidly flexing the wrist with a sudden stop will cause the fingers to automatically ratchet into flexion.

Positioning the Finger (Titan Partial Finger)



Apply pressure to the back of the fingertip, which causes the fingertip to ratchet into flexion. Once the desired position is determined, pressure can be removed from the fingertip and the tip would be locked in to position.



To return the fingertip back to the extended position, dislocate the tip section from the base by pulling on the tip section. This motion releases a pin in the tip section from the base allowing the finger to move freely. Once the desired position is determined, the pull on the fingertip can be released and the finger will engage in the new locked position.

Positioning the Finger (TitanThumb)



Apply pressure to the back of the thumb tip, which causes the thumb tip to ratchet into flexion. Once the desired position is determined, pressure can be removed from the thumb tip and the tip would be locked in to position.

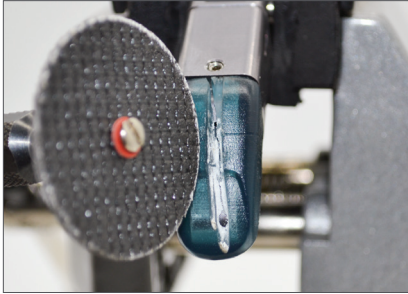


To return the thumb tip back to the extended position, dislocate the tip section from the base by pulling on the tip section. This motion releases a pin in the tip section from the base allowing the finger to move freely.

The thumb can be rotated 360 degrees.

Repairs/Replacements

Replacing the Fingertip - Due to wear and tear, a fingertip may become damaged and need to be replaced. Fingertips are available as replacement parts.



Secure finger and using a dremel tool cut a channel down the length of the tip. Take caution to not cut in to titanium.



Wedge a flat-edge screw driver into the slot created and pry tip off finger tip.



Apply a small amount of super glue on either side of the inner surface of the tip



Press fingertip onto finger and hold in place until glue sets. Use rubber padding to prevent slipping.

Cautions/Warnings

- Do not expose this product to corrosive or caustic materials, salt water or pH and temperature extremes.
- New users should start with a wearing schedule and ease in to a full day of use.
- Do not apply Loctite to fasteners unless indicated in the instructions.
- Do not disassemble finger except as specified in these instructions.

Inspection/Maintenance

- Users should clean the inside of the prosthesis and silicone liner with anti-bacterial wipes daily.
- Visual/Audible signs of wear, cracks, damage, etc.
- Ensure that the joint moves freely without obstruction.
- Replace grip tip as needed

Warranty: 1 year

Notes



M-Fingers are distributed by:

college park

800-728-7950 | 586-294-7950

27955 College Park Drive, Warren, MI 48088

TECHNICAL ASSISTANCE/ EMERGENCY SERVICE 24-7-365

College Park's regular office hours are Monday thru Friday, 8:30 am – 5:30 pm (EST). After hours, an emergency Technical Service number is available by calling College Park's main line.



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