



Partial Hand SOLUTIONS, LLC



Technical Instructions Partial M-Finger

PACKAGE CONTENTS

- (1) Partial M-Finger Assembly
- (1) Grip Tip (installed)
- (1) Cable Anchor Packet
- (1) Hardware Packet
- (1) 2mm Allen Wrench

RECOMMENDED TOOLS AND SUPPLIES

- Tweezers
- Small eyeglass Phillips screwdriver
- Air hose fitting
- Superglue
- Sewing thread



M-Finger Assembly

1. Partial M-Finger Base
2. Partial M-Finger Tip
3. Grip Tip
4. Cable Anchor Packet:
 - spectra cable
 - beige dacron strap
 - black dacron strap
 - black cable cleat
 - speedy rivet head and body
 - black plastic cable connector
5. Hardware Packet:
 - (2) Flat Head Solid Rivets, 1/8" x 1/2"
 - (2) Washers, #5 x 0.025" x 0.04"
 - (2) Retaining Rings, 1/8" x 21/64"
 - (2) Phillips Flat Head Screws, 0-80 x 3/8"
 - (1) Cup-Point Set Screws, 8-32 x 1/4"
 - (2) Phillips Flat Head Screws, 0-80 x 1/2"
 - (2) M-Finger Springs

Not Shown:
2mm Allen Wrench

Partial M-Finger Assembly

Installation of fingertip into finger base



Insert fingertip into base.
Insert rivet.



Insert washer on other side of finger.



Insert retaining ring. Only
install retaining ring at final
assembly.



Secure retaining ring in place
with air hose fitting (not
supplied)

Partial M-Finger Assembly

Installation of spring



Insert spring into base of finger.



Insert long 0-80 screw to secure spring into fingertip. Tighten with small Phillips screwdriver.



Insert thread through spring loop and pull through with tweezers then exit both ends of thread through oval slot on finger base. The two threads will be close together in order to get them through the oval slot in base. Apply tension until you see the spring loop. Insert short 0-80 screw into hole on finger base and secure screw and spring with Phillips screwdriver. Remove thread



Partial M-Finger Assembly

Cable Assembly



Prepare cable anchor assembly This step is usually done at the fabrication facility. The finished assembly gets built into the silicone wrist band.

Insert both ends of cable through hole in fingertip and exit through the bottom. The photo on shows the 2 cables converting into one as they pass through the cable cleat. Both cables go through the finger base



Pull both ends through bottom slot on finger base with tweezers and exit through threaded hole on side of fingertip. The cable cleat allows the two cables to come together; both cables follow the same line through the process and exit out of the finger together



Silicone wrist band fabricated at fabrication center should be placed over apex of knuckle. Pull both cables exiting finger to proper length and knot. Have patient flex and extend finger to make sure cable length is set to their preference. Superglue knot, Let superglue set then pull knot into hole.

Partial M-Finger Assembly

Cable Assembly (continued)



Install Allen screw to secure knot in place. Do not over-tighten.



Final assembly.

Mounting Instructions

Partial M-Fingers are fabricated directly into the socket; no additional mounting hardware is necessary.

Note: College Park Industries and Partial Hand Solutions do not provide fabrication services. As fabrication of sockets for thumbs, partial fingers, and fingers is not routine for most facilities, the use of a fabricator, such as SPS National Labs in Cromwell, CT, is recommended.

Positioning the Partial M-Finger

- Have patient flex knuckle (MCP joint) to flex finger
- Have patient extend knuckle (MCP joint) to extend finger

Adjustments

- Evaluate cable from wristband to fingertip. Adjust cable as needed to avoid skin irritations. Adjust cable tension to desired tension by moving the metal cable cleat up or down. Moving up will tighten the cable tension, moving down will

loosen the tension. The cable cleat converts the two cables into one allowing the two cables to become in-line with each other so they enter the finger base straight and not at an angle. If the cleat was not installed the cables would have to enter the finger base at angles and this would cause unnecessary wear on the cable. Sliding the cleat up or down on the cable allows for slight cable tension adjustment.

Additional Considerations/Tech Tips

- New users should start with a wearing schedule and ease in to a full day of use.
- Apply wristband to hand. Apply small amount of water or Cal Stat lubricant to dampen finger/fingers and push each finger into the prosthetic sockets.
- To remove partial fingers from limb, pull on socket to remove. Remove wrist band.
- Do not Loctite screws.

Cautions/Warnings

- Do not expose this product to corrosive or caustic materials, salt water or pH and temperature extremes.

Inspection/Maintenance

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

Warranty - 1 year

M-Fingers are distributed by:



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 to contact a College Park representative.



Partial Hand SOLUTIONS, LLC



Partial Hand Solutions
86 Ladyslipper Lane
Southington, CT USA 06489
+1 (860) 538-5532



EMERGO EUROPE
Prinsessegracht 20,
2514 AP
The Hague, Netherlands

MADE IN THE USA
670 INS PHS MFP 170830

