

# PARTIAL HAND COMPARISON GUIDE

**August 2024**

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This booklet highlights  
the existing partial hand  
solutions currently on the  
US market.

This guide was created by Linda Calabria of Calibration Marketing, LLC.  
Thank you to my co-authors and sponsors!



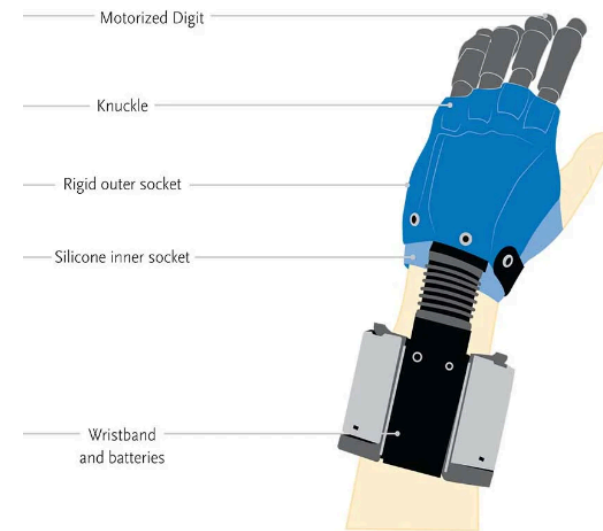
# HOW TO USE THIS GUIDE

Thank you for picking up this guide. As things continue to change in the world of upper limb prosthetics, it is possible that by the time you read this, a new solution has come out. However, what won't change is the importance our writers place on occupational therapy and the advice they share from the perspective of both clinicians and users.

This guide is intended for both clinicians and users and we will do our best to point out which section applies to which reader.

Let's begin!

# Visual of Compared Partial Hand Solutions



**Össur - i-Digits**



**Naked  
Prosthetics**



**Open Bionics**



**Partial hand  
Solutions**



**Point Designs**

These images are just examples, as each partial hand presentation is unique to the individual.

# Partial Hand Comparison

US Market - August 2024\*

Information listed has been confirmed by manufacturers. Reader needs to do own due diligence on all information.


- Based on information that is publicly available \*
  - The Open Bionics Hero Gauntlet offering may only be available in specific Open Bionics clinics, making its access to users in need difficult. Due to limited information, it is also unclear as to whether this solution is in the market yet.\*\*
  - Distributed by College Park \*\*\*
  - Some manufacturers just provide the product and do not make the socket. Work with the clinician on each individual offering. \*\*\*\*
  - Check with manufacturer on the specifics
  - All manufacturers have inhouse fabrication capabilities - meaning they can make the socket for the device
- Other Considerations:
- **Insurance:** Partial Hand solutions are currently do not have approved Lcodes, they use L7499, which makes them difficult to be paid for private insurance. Medicare does not cover them as a miscellaneous code is used to describe the technology.\*\*\*\*\*
  - When selecting or fitting a partial hand prosthesis please do your due diligence as other considerations, other than those listed here, should be evaluated.
  - Consider the following:
    - **If an OT is connected to your CP/CPO**
    - Unique user goals/needs/expectations
    - Cognitive load
    - Grip strength
    - Carry load
    - **Price & Insurance**
    - Inventory - Shipping Readiness
    - Customer Support
    - Waterproof and battery life
    - **Aesthetics vs. Function**
    - Etc.

LEGEND

Yes

Not available

Unknown

Partial Hand Manufacturers & Features	Össur - i-Digits	Össur - Naked Prosthetics	open bionics - Hero Gauntlet**	Partial Hand Solutions ***	Point Designs
	I-DIGITS ACCESS I-DIGITS QUANTUM I-DIGITS QUANTUM STARFISH	PIP DRIVER, MCP DRIVER, THUMB DRIVER, GRIP LOCK FINGER	HERO GAUNTLET	PASSIVE FINGER, THUMB CAGE, PARTIAL M FINGER, TITAN FLEX/PARTIAL/THUMB, PEDIATRIC M-FINGERS, M-FINGERS, M-THUMB, HOLD-IT	POINT DIGIT, POINT DIGIT MINI, POINT THUMB, POINT PARTIAL, POINT PIVOT, POINT PIVOT+, POINT ENDO
Myoelectric, Body Powered, or Positionable	MYOELECTRIC	POSITIONABLE & BODY POWERED	BODY POWERED	BODY POWERED	POSITIONABLE
Level of loss	DISTAL TO THE WRIST & PROXIMAL TO MCP JOINT 	<ul style="list-style-type: none"><li>• PIP DRIVER - MIDDLE OF DIP</li><li>• MCP DRIVER - THROUGH PIP</li><li>• THUMB DRIVER - PARTIAL THUMB</li><li>• GRIP LOCK - PROXIMAL TO MCP</li></ul>	AT OR PROXIMAL TO THE MCP JOINT	FULL OR PARTIAL FINGER AMPUTATION	2-5 DIGIT LOSS: NEAR MCP LEVEL AMPUTATIONS  THUMB LOSS: NEAR CMC TO NEAR MCP
Custom Socket Needed?****		CUSTOM SOCKET NEEDED FOR GRIP LOCK DEVICE			
Individualized Fit					
Sizes	XS, M	S, M, L		PEDIATRIC M-FINGERS: S,M,L, M-FINGERS: ULTRA SMALL, S,M,L,XL PARTIAL M-FINGERS: S,M,L	POINT DIGIT: 6 SIZES POINT DIGIT MNI: 5 SIZES POINT PARTIAL: 3 SIZES POINT THUMB: 3 SIZES POINT PIVOT: 1 SIZE POINT PIVOT+: 1 SIZE
3D Printed					3D PRINTED TITANIUM FINGERS 3D PRINTED FRAME
In Market	AVAILABLE	AVAILABLE		AVAILABLE	AVAILABLE
Years of Warranty	2 YEARS UP TO 5	2 YEARS			2 YEARS
Powered Thumb	MANUAL	BODY POWERED		BODY POWERED	POSITIONABLE, UP TO 3 DEGREES OF FREEDOM
Touch Screen Capacity					
PDAC Approval*****	I-DIGITS ACCESS				
Colors	SOCKET CAN BE COMPLETELY CUSTOMIZED & A COVER CAN BE PROVIDED FOR DIGITS	CAN BE CUSTOMIZED	OVER 40 COVER OPTIONS	M-FINGERS: TAN, BROWN, BLACK	SILICONE SOCKET: 30+ COLORS & PATTERNS FRAME: FULL COLOR CUSTOMIZATION



# OTHER OPTIONS

While the larger comparison focuses on some of the more common options for partial hand amputees, the following should also be considered when seeking the right device for every day activities. You may also consider a tool called a Universal Cuff which allows easy usage of every day tools, such as utensils/toothbrush/etc.

The images below are just some examples, as each partial hand presentation is unique to the individual.

**Activity Specific**

**Passive Functional**

**Custom Solutions**

**No Prosthesis**



Some images taken from [Handspring's prosthetics website](#) where you can learn more about the services they offer the partial hand amputee and limb difference community.





# Where to Begin, as a New Partial Hand Amputee

Introduction by  
Linda Calabria



Handspring



Össur

**When an amputee and their family are faced with figuring out where to begin after a traumatic event, there are a number of things to consider. One of them is who your prosthetist and occupational therapist will be. But how do you figure that out?**

The best advice I can share is to not stop after one visit or referral, unless you feel very confident that this person is for you. After all, you are likely going to spend the rest of your life seeing them.

Another thing to realize is that most CPOs primarily see lower limb amputees, and with an upper limb amputation, especially a partial hand amputation, you really need to identify someone who is well versed in these types of cases and is aware of all the solutions that are out there.

**One place to start is Össur's upper limb clinician finder.**

Here you will find a list of certified clinicians around the country who know how to fit the i-Digits product line, which also likely means they see partial hand cases and are well versed in partial hand prosthetic solutions.

Never the less, it's a good idea to ask the clinician you are seeing if they see, ideally, at least 5 partial hand cases a year.

**Another great clinician group to consider is Handspring. They are located in the Northeast & Mountain West Regions. They also offer an Excelerated fitting program that allows individuals to travel from afar to get care from Handspring.**

The other good question to ask is whether that prosthetist is aligned with an occupational therapist that will also support you or your loved one.

It's a good idea to "shop around" and see who can offer the best support.

Another thing to know is that while the manufacturers of the prosthetic devices you or your loved one may be considering are scattered all around the country, you yourself do not need to travel to them to gain access to that technology. Your clinical team, meaning your prosthetist, will be responsible for sourcing everything for you.