Erik wears four MCPDrivers and a ThumbDriver.

We offer four durable, functional solutions. The PIPDriver™, MCPDriver™, ThumbDriver™, and GripLock Finger™.

npdevices.com
For an amputee who doesn’t meet the minimum requirements for the PIPDriver, it is possible to obtain some functional benefit from the PIPDriver. However, special considerations will have to be made prior to ordering a device. Sizing is as simple as ordering a Naked Prosthetics sizing kit, completing the forms, submitting detailed pictures of both hands and a video showing ROM. From this information, our engineers design and manufacture a custom functional, finger prosthesis.

The PIPDriver has a four to six week lead time from the point all required documentation is received.

IDEAL CANDIDATE SPECIFICATIONS:
- This device is driven by an intact PIP joint with enough residuum to engage the ring.

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“What surprised me most was how much I rely on my device for stability while riding public transportation to work.”
— Belaji, three PIPDrivers, four MCPDrivers
This device is driven by an intact MCP joint with enough residuum to engage the ring.

IDEAL CANDIDATE SPECIFICATIONS:
- This device is driven by an intact MCP joint with enough residuum to engage the ring.

The MCPDriver has a four to six week lead time from the point all required documentation, photos and casts are received.

A robust, custom, functional solution: MCPDriver.

Designed for amputations at the proximal phalanx, the MCPDriver restores the middle and distal phalanges. These dependently articulating pads help to create natural grip patterns. (The MCPDriver excels at restoring pinch, key, and cylindrical grasps as well as grip stability.) The durable metal frame and replaceable components allow users to return to particularly demanding lifestyles with confidence.

The second generation MCPDriver features improved aesthetic appearance and comfort, precision-machined components, and stylish color options.

“I used to be the guy in the room with the missing fingers. Now, I’m the guy with the cool hand!”

— Nick, four MCPDrivers

The customization of the MCPDriver isn’t the only comfort aspect on the device.

OTHER COMFORT ASPECTS INCLUDE:
- Silicone placed on the back of the rigid back plate to add comfort and cushion.
- Interchangeable rings to allow for volume fluctuation.
- Shims that can be added or removed to fine-tune the ring size and provide more comfort and suspension on the finger.
- Abduction washers (finger pivot points) which are adjustable and can be moved by the clinician or the wearer to get the best grip pattern possible.
- Natural abduction and adduction allow the wearer to use the device intuitively. This significantly reduces the acclimation period when the device is introduced and allows them to make many types of grasps, such as the spherical grasp, which wouldn’t be possible without abduction.

These comfort aspects are what help the MCPDriver stand out in comparison to its competitors.
A robust, functional solution.

The newest product in our lineup shares its heritage with the MCPDriver. It features a unique anchor design that tracks the patient's natural CMC motion while still providing a rigid structure to react to the heavy forces generated by thumb opposition. The tip is positionable and articulates more subtly than in the MCPDriver, which enables the most common thumb grasps.

Joe describes the ThumbDriver as: “A Miracle!”

— Joe, ThumbDriver

As a woodworker, Joe relies on his non-dominant hand to assist with holding tools and materials. Within 5 weeks of receiving his prosthesis, Joe’s grip strength increased 50%. He’s able to cut and hold his food and has an overall better grasp on objects. Joe wears the device every day, for nearly every activity, without discomfort or fatigue.

Five weeks post-intervention, Joe showed dramatic improvement in his QuickDASH scores. He is now back at work as a cabinet maker, and wears his device up to 16 hours a day.

<table>
<thead>
<tr>
<th>QuickDASH</th>
<th>Work Module</th>
</tr>
</thead>
<tbody>
<tr>
<td>Able-bodied Avg</td>
<td>11</td>
</tr>
<tr>
<td>Pre-Device</td>
<td>55</td>
</tr>
<tr>
<td>5 weeks post</td>
<td>20</td>
</tr>
</tbody>
</table>

IDEAL CANDIDATE SPECIFICATIONS:

- This device is driven by intact MCP and CMC joints in the thumb. However, patients with more proximal amputations may still benefit from the device as long as their stump can engage the ring.

The ThumbDriver has a four to six week lead time from the point all required documentation, photos and casts are received.
The GripLock Finger™

Naked Prosthetics' elegant solution for amputations at or proximal to the MCP joint.

This device can be worn with or alongside our MCPDriver, PIPDriver and/or ThumbDriver, and provides the same colors and design choices our users love. The GripLock Finger is used in conjunction with a custom-fabricated socket and to be fit on a patient by a certified prosthetic clinician.

Serviceable nylon fairings and silicone pads provide seamless aesthetics and improved grip stability while also preventing scratch damage to sensitive surfaces and objects handled by the user.

The load bearing components of the GripLock Finger are machined aluminum and case-hardened stainless steel.

We have refined the structure with stress modeling such that our full finger prosthesis weighs in at an industry best of 25 grams and a break strength of over 200lb. The rack and pawl are integrated into the proximal four-bar linkage to optimize load carrying capacity and provide maximum component life.

Designed for digits two through five, users can position the prosthesis using a surface or their opposing hand, and then return to full extension by releasing the dorsal pawl or moving to the full flexion release point. The full flexion release is adjustable to account for slight misalignments during socket fabrication, or for material interference in the palm.

<table>
<thead>
<tr>
<th>Positioning</th>
<th>one-handed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amputation Level</td>
<td>at or proximal to the MCP joint</td>
</tr>
<tr>
<td>Load Rating</td>
<td>200+ lbs</td>
</tr>
<tr>
<td>Device Weight</td>
<td>25 grams</td>
</tr>
<tr>
<td>Cycle Life</td>
<td>300,000 cycles min</td>
</tr>
</tbody>
</table>
We are the visionaries of elegant, functional devices for finger amputees. Designing and manufacturing products isn’t all we do; we get people back to work and back to doing the things they love.

For more information:
(888) 977-6693 | (360) 915-9724 | fax (360) 918-8619
email: info@npdevices.com

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