

Grip Bands

Product Overview and Installation Instructions



Overview

Grip Bands are accessory components for the Point Digit, Point Digit *mini*, Point Partial, and Point Thumb that add high friction grip surfaces to the segments of the digits. Grip Bands are made of durable touchscreen compatible injection molded silicone and are designed to fit onto existing Point Designs digits.

Sizing and Compatibility

The Point Digit Grip Bands come in a set of three, with one band for each segment of the finger: proximal, medial, and distal. These sets come in three sizes: **Small, Medium, and Large**.

The **Large Grip Bands** are designed to fit the following sizes:

- 105mm Point Digit
- 100mm Point Digit
- 95mm Point Digit
- 55mm Point Partial (distal only)
- 50mm Point Partial (distal only)

The **Medium Grip Bands** are designed to fit the following sizes:

- 90mm Point Digit
- 85mm Point Digit

The **Small Grip Bands** are designed to fit the following sizes:

- 80mm Point Digit
- 75mm Point Digit mini
- 70mm Point Digit mini
- 45mm Point Partial (distal only)



The Point Thumb Grip Bands come in three sizes, one size for each size of the Point Thumb. These new grip bands are replacements for the current grip bands on the Point Thumb so that all digits in a system have the same style grip bands.



The Grip Bands are designed to be a consumable part as they will experience high wear during use; please contact Point Designs if you need replacements and they will be provided at no cost.

Part Identification

Point Digit Grip Bands



Proximal Grip Band, Small
PRXGBSM



Medial Grip Band, Small
MEDGBSM



Distal Grip Band, Small
DTLGSM



Proximal Grip Band, Large
PRXGBLG



Medial Grip Band, Large
MEDGBLG



Distal Grip Band, Large
DTLGBLG

Point Thumb Grip Bands



Grip Band, 59mm
059GB



Grip Band, 66mm
066GB



Grip Band, 73mm
073GB

Installation

POINT DIGIT

1. Remove 1 *Proximal Grip Band*, 1 *Medial Grip Band*, and 1 *Distal Grip Band* per digit from the package. Orient each band as follows:
 - a. The *Proximal Grip Band* should have the large hole facing the dorsal side of the digit.
 - b. The *Medial Grip Band* should have both notches facing the palmar side of the digit. You'll notice that the grooves on the medial band do not extend all the way around the band, the section that does not have the grooves should also be oriented to face the palmar side of the digit. The semicircular notch should be towards the proximal end of the digit and the more trapezoidal shaped notch should be towards the distal end of the digit.
 - c. The *Distal Grip Band* should have the small semicircular notch facing the palmar side of the digit.



Proper orientation of all bands. The large Grip Band set is shown here with a 95mm Point Digit.

2. Start with the *Proximal Grip Band*. Orient it so that the large hole is towards the dorsal (top) side of the digit.



Proper orientation of the Proximal Grip Band.

3. Slide the band over the digit starting at the fingertip. Pull and slide the band over the finger. It is okay to stretch the band during this process.
 - a. Once the band is positioned on the proximal segment, ensure the large hole is over the circular portion of the release lever



Proximal Grip Band properly installed.



Check that the lever can still be pressed and released properly from the knuckle track teeth. Also check that the lever is still able to fully seat into the knuckle track teeth and that it is not being partially released by the *Proximal Grip Band*.

4. Proceed with the *Medial Grip Band*. Orient it so that the side with two notches is towards the palmar (bottom) side of the digit and that the semi-circular notch is towards the proximal end of the finger.



Proper orientation of the Medial Grip Band.

5. Slide the band over the digit starting at the fingertip. Pull and slide the band over the finger. It is okay to stretch the band during this process. You may also find that it is effective to roll the pad down the finger instead of pulling/sliding. Once the band is positioned on the medial segment, ensure the two notches line up with the link bar cavities on the medial.



Medial Grip Band properly installed.



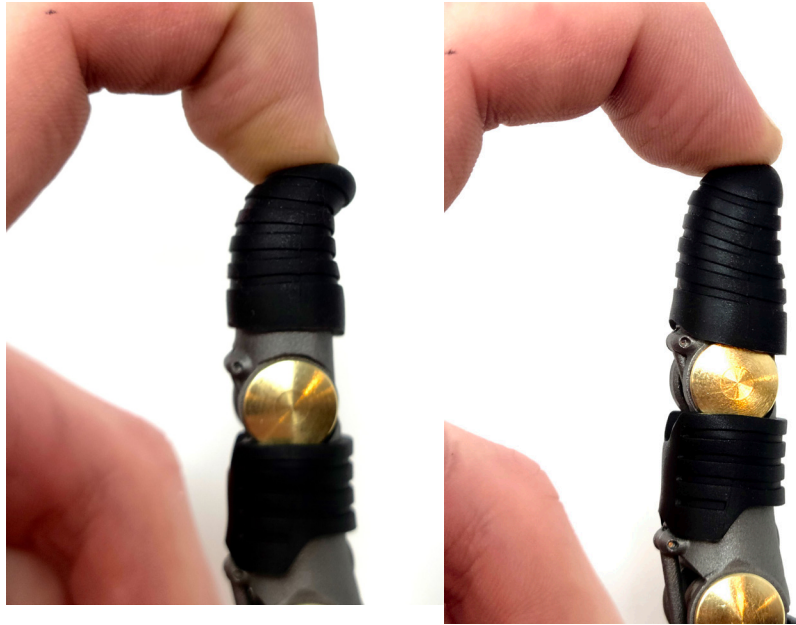
Check that the distal link bar's motion is not impeded by the band.

6. Proceed with the *Distal Grip Band*. Orient it so that the small notch is towards the palmar (bottom) side of the digit.
 - a. Note that installing the *Distal Grip Band* on the Point Digit or Point Partial follows the same procedure.



Proper orientation of the distal band.

7. Slide the band onto the distal segment. Pull and push the band onto the distal until it is fully installed. If there is a significant air pocket at the very tip, then the band is not fully installed. When fully installed, there should be no air pocket at the very tip.



The photo on the **left** shows the Distal Grip Band not fully seated. The photo on the **right** shows the Distal Grip Band fully seated with no space left at the tip.



Once the band is positioned on the distal segment, ensure the notch is lined up with the distal link bar attachment nub

- b. If you desire a stronger and more permanent bond between the distal band and the finger, you can roll up the proximal end of the band, apply adhesive around the circumference of the distal, and then roll the band back down.
 - i. Loctite 4011 Instant Adhesive is recommended though other gel based cyanoacrylate glues should also work well.



Distal band rolled up such that adhesive can be applied around the circumference



All Grip Bands fully installed.

POINT THUMB

1. Remove 1 grip band per thumb from the package and orient it so the wider side is facing the palmar section of the thumb and that the taller end is towards the distal end of the thumb.



Proper orientation of the Point Thumb Grip Band.

2. Slide the band over the distal. Pull and slide the band over the finger until it seats in the groove in the proximal segment. You may also find that rolling the band down the thumb is effective.



Proper orientation of the Point Thumb Grip Band.

- a. Once in the groove, ensure the edge of the band lines up exactly with the edges of the groove. If not, then rotate the band slightly to ensure proper alignment.



Fully installed Point Thumb Grip Band.

Removal

If you are removing the Grip Bands but plan to reuse them, then simply follow the installation instructions in reverse. If you are removing the Grip Bands and will not be reusing them then you can either follow the installation instructions in reverse, cut the bands off using a utility knife or similar tool.

Care Instructions

Grip Bands should be cleaned whenever they get dirty but do not require regular maintenance. They can be cleaned with either soap and water or isopropyl alcohol.

It is recommended to remove Grip Bands when cleaning the Point Digit or Point Thumb as moisture and dirt/contaminants can get trapped beneath the Grip Band. Doing this will help prolong the life of the digit. Cleaning the digit with the Grip Bands still installed is acceptable but will not result in the most thorough cleaning.