

# THE FOUR FINGERS LIP

BUILD #6: a2.b2.c1

## a: MATERIAL

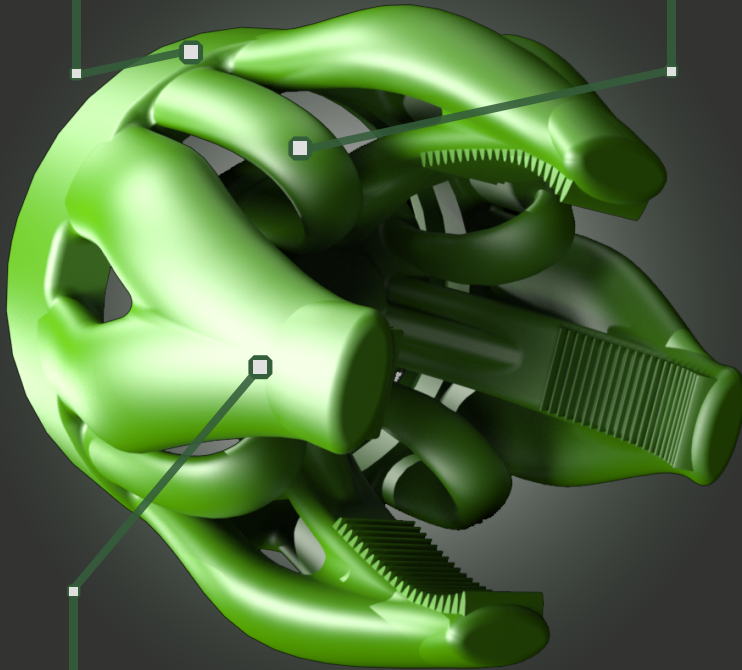
2: STANDARD SOFT

## b: KERNEL

2: CONTROL BANDS

## c: FINGER

1: SOLID



## ATTRIBUTES

POWER 5

AGILITY 9

COMPLIANCE 9

## DESCRIPTION

This gripper lip has a symmetrical four-point grasp and is built in a soft, elastic material, increasing the bionic compliance and adaptability. There are elastic bands inside the lip to passively dampen and control the forces applied to the workpiece. The fingers are solid, enabling them to conform around curved and odd shaped surfaces. Twenty fine ripples on the tip of the fingers, secures a grip on smooth surfaces and generates friction on wet ones.

## CAPABILITIES

### APPLICATION



BELT HANDLING

★★★



BIN HANDLING

★★★



HARVESTING

★★★



ASSEMBLY

★★★

### WORKPIECE



DIAMETER

25-100 mm



PAYLOAD

<400 g



SQUARE

★★★



CYLINDER

★★★



ROUND

★★★



ODD SHAPED

★★★



RIDGET

★★★



DEFORMABLE

★★★



SMOOTH

★★★



RUGGED

★★★



WET

★★★



FRAGILE

★★★



STACKABLE

★★★