

Mass properties of 3-Finger\_Gripper\_open  
Configuration: Default  
Coordinate system: -- default --

Mass = 174.95 grams

Volume = 174949.17 cubic millimeters

Surface area = 38022.91 square millimeters

Center of mass: ( millimeters )

X = -68.97

Y = 106.12

Z = 36.52

Principal axes of inertia and principal moments of inertia: ( grams \* square millimeters )

taken at the center of mass.

Ix = (-0.54, 0.84, 0.00)

Px = 33005.05

Iy = (-0.84, -0.54, 0.00)

Py = 335832.67

Iz = ( 0.00, 0.00, 1.00)

Pz = 350589.53

Moments of inertia: ( grams \* square millimeters )

taken at the center of mass and aligned with the output coordinate system.

Lxx = 246102.37

Lxy = -138279.73

Lxz = -37.05

Lyx = -138279.73

lyy = 122735.37

lyz = 62.86

Lzx = -37.05

Lzy = 62.86

Lzz = 350589.52

Moments of inertia: ( grams \* square millimeters )

taken at the output coordinate system.

lxx = 2449587.50

lxy = -1418807.14

lxz = -440708.39

lyx = -1418807.14

lyy = 188347.95

lyz = 678060.67

lzx = -440708.39

lzy = 678060.67

lzz = 3153044.82