Mass properties of 3-Finger_Gripper_open
Configuration: Default
Coordinate system: -- default --

Mass = 1067.21 grams

Volume = 1067214.20 cubic millimeters

Surface area = 93106.16 square millimeters

Center of mass: ( millimeters )
X = 1.12
Y = 41.96
Z = 0.00

Principal axes of inertia and principal moments of inertia: ( grams * square millimeters )
Taken at the center of mass.

| | |
|---|---|
| Ix = ( 0.00, 0.00, 1.00) | Px = 1761849.55 |
| Iy = ( 0.98, 0.20, 0.00) | Py = 1824909.66 |
| Iz = (-0.20, 0.98, 0.00) | Pz = 2251053.12 |

Moments of inertia: ( grams * square millimeters )
Taken at the center of mass and aligned with the output coordinate system.

| | | |
|---|---|---|
| Lxx = 1841889.47 | Lxy = 83351.80 | Lxz = 10.67 |
| Lyx = 83351.80 | Lyy = 2234073.30 | Lyz = -52.56 |
| Lzx = 10.67 | Lzy = -52.56 | Lzz = 1761849.55 |

Moments of inertia: ( grams * square millimeters )
Taken at the output coordinate system.

| | | |
|---|---|---|
| Ixx = 3720623.98 | Ixy = 133379.10 | Ixz = 13.00 |
| Iyx = 133379.10 | Iyy = 2235405.44 | Iyz = 34.96 |
| Izx = 13.00 | Izy = 34.96 | Izz = 3641916.19 |