

Mass properties of subass\_knee\_right

Configuration: Default

Coordinate system: -- default --

Mass = 136.49 grams

Volume = 350056.65 cubic millimeters

Surface area = 215202.85 square millimeters

Center of mass: ( millimeters )

X = 99.47

Y = -0.01

Z = -24.92

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

taken at the center of mass.

Ix = ( 0.95, 0.00, -0.30)

Px = 1642019.31

Iy = (-0.30, 0.00, -0.95)

Py = 1489198.97

Iz = ( 0.00, 1.00, 0.00)

Pz = 12519194.41

Moments of inertia: ( grams \* square millimeters )

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

Lxx = 2554474.68    Lxy = -231.05    Lxz = -2855264.81

lyx = -231.05    lyy = 12519194.41    lyz = 8.54

Lzx = -2855264.81    Lzy = 8.54    Lzz = 10576743.61

Moments of inertia: ( grams \* square millimeters )

taken at the output coordinate system.

lxx = 3260401.27    lxy = -849.13    lxx = -5672736.95

lyx = -849.13    lyy = 24470128.23    lyz = 163.40

lzx = -5672736.95    lzy = 163.40    lzz = 21821750.91