Mass properties of subass_knee_left
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 = 0.00
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 = 1642022.67
Iy = (0.30, 0.00, -0.95)	Py = 1489039.09
Iz = (0.00, 1.00, 0.00)	Pz = 12519029.85

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

Lxx = 2554478.70	Lxy = 35.35	Lxz = 2855239.66
Lyx = 35.35	Lyy = 12519029.85	Lyz = -51.54
Lzx = 2855239.66	Lzy = -51.54	Lzz = 10576583.07

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

Ixx = 3260405.27	Ixy = 463.68	Ixz = 5672691.89
Iyx = 463.68	Iyy = 24469804.81	Iyz = 55.78
Izx = 5672691.89	Izy = 55.78	Izz = 21821431.49