Mass properties of subass_knee_left
Configuration: Default
Coordinate system: -- default --

Mass = 142.71 grams

Volume = 355240.28 cubic millimeters

Surface area = 217464.80 square millimeters

Center of mass: (millimeters)
X = 100.02
Y = -0.01
Z = -24.79

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 = 1667335.98
Iy = (-0.30, 0.00, -0.95)	Py = 1542303.74
Iz = (0.00, 1.00, 0.00)	Pz = 12592910.16

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

Lxx = 2565669.28	Lxy = -227.65	Lxz = -2839719.99
Lyx = -227.65	Lyy = 12592910.15	Lyz = 9.39
Lzx = -2839719.99	Lzy = 9.39	Lzz = 10643970.45

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

Ixx = 3267730.95	Ixy = -849.13	Ixz = -5672647.33
Iyx = -849.13	Iyy = 24726272.05	Iyz = 163.40
Izx = -5672647.33	Izy = 163.40	Izz = 22075270.75