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

Mass = 1374.62 grams

Volume = 466484.15 cubic millimeters

Surface area = 251222.47 square millimeters

Center of mass: (millimeters)
X = 148.04
Y = -0.01
Z = -51.66

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

Ix = (0.89, 0.00, -0.45)	Px = 2467049.41
Iy = (-0.45, 0.00, -0.89)	Py = 1683232.69
Iz = (0.00, 1.00, 0.00)	Pz = 13514346.24

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

Lxx = 4320221.32	Lxy = -60.85	Lxz = -3693903.88
Lyx = -60.85	Lyy = 13514346.24	Lyz = 35.35
Lzx = -3693903.88	Lzy = 35.35	Lzz = 9830060.78

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

Ixx = 7988499.50	Ixy = -1312.22	Ixz = -14206541.66
Iyx = -1312.22	Iyy = 47309989.09	Iyz = 472.00
Izx = -14206541.66	Izy = 472.00	Izz = 39957425.56