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

Mass = 108.92 grams

Volume = 328474.22 cubic millimeters

Surface area = 186547.82 square millimeters

Center of mass: (millimeters)
X = 85.25
Y = 25.61
Z = 0.07

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

Ix = (0.93, 0.36, 0.00)	Px = 1601222.92
Iy = (-0.36, 0.93, 0.00)	Py = 8824010.15
Iz = (0.00, 0.00, 1.00)	Pz = 9374092.16

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

Lxx = 2520918.09	Lxy = 2407680.05	Lxz = -285.87
Lyx = 2407680.05	Lyy = 7904315.01	Lyz = -208.78
Lzx = -285.87	Lzy = -208.78	Lzz = 9374092.13

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

Ixx = 3248338.17	Ixy = 4828895.46	Ixz = 6080.96
Iyx = 4828895.46	Iyy = 15963383.56	Iyz = 1704.03
Izx = 6080.96	Izy = 1704.03	Izz = 18160570.69