Mass properties of subass_knee_left
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 = 0.00
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 = 2467054.02
Iy = (0.45, 0.00, -0.89)	Py = 1683087.14
Iz = (0.00, 1.00, 0.00)	Pz = 13514184.12

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

Lxx = 4320231.92	Lxy = -130.56	Lxz = 3693870.67
Lyx = -130.56	Lyy = 13514184.12	Lyz = -43.98
Lzx = 3693870.67	Lzy = -43.98	Lzz = 9829909.25

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

Ixx = 7988510.06	Ixy = 605.01	Ixz = 14206433.10
Iyx = 605.01	Iyy = 47309395.1	Iyz = 212.69
Izx = 14206433.10	Izy = 212.69	Izz = 39956842.13