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

Mass = 1347.05 grams

Volume = 444901.73 cubic millimeters

Surface area = 222567.44 square millimeters

Center of mass: (millimeters)
        X = 127.20
        Y = 52.79
        Z = 0.06

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)
Taken at the center of mass.
        Ix = (0.85, 0.53, 0.00)   Px = 2304439.03
        Iy = (-0.53, 0.85, 0.00)   Py = 9046152.96
        Iz = (0.00, 0.00, 1.00)   Pz = 10540261.70

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system.
        Lxx = 4228364.49   Lxy = 3044514.05   Lxz = -300.28
        Lyx = 3044514.05   Lyy = 7122227.52   Lyz = -277.94
        Lzx = -300.28   Lzy = -277.94   Lzz = 10540261.68

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system.
        Ixx = 7981626.85   Ixy = 12088680.95   Ixz = 10835.98
        Iyx = 12088680.95   Iyy = 28915827.95   Iyz = 4343.52
        Izx = 10835.98   Izy = 4343.52   Izz = 3608713.09