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

Mass = 146.19 grams

Volume = 361655.88 cubic millimeters

Surface area = 213377.07  square millimeters

Center of mass: ( millimeters )
        X = 55.86
        Y = 57.34
        Z = -0.08

Principal axes of inertia and principal moments of inertia: ( grams *  square millimeters )
Taken at the center of mass.
        Ix = ( 0.72,  0.69,  0.00)      Px = 1666735.01
        Iy = (-0.69,  0.72,  0.00)      Py = 8012588.38
        Iz = ( 0.00,  0.00,  1.00)      Pz = 8601987.24

Moments of inertia: ( grams *  square millimeters )
Taken at the center of mass and aligned with the output coordinate system.
        Lxx = 4703123.40    Lxy = 3169987.54    Lxz = -298.39
        Lyx = 3169987.54    Lyy = 4976200.05    Lyz = -448.10
        Lzx = -298.39    Lzy = -448.10    Lzz = 8601987.18

Moments of inertia: ( grams *  square millimeters )
Taken at the output coordinate system.
        Ixx = 8471585.58    Ixy = 6841083.50    Ixz = -5332.48
        Iyx = 6841083.50    Iyy = 8552459.27    Iyz = -5615.70
        Izx = -5332.48    Izy = -5615.70    Izz = 15946694.40