Mass properties of subass_hip_right
    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 = 1601240.33
        Iy = (0.36, 0.93, 0.00)   Py = 8823547.20
        Iz = (0.00, 0.00, 1.00)   Pz = 9373633.33

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system.
        Lxx = 2520925.80   Lxy = -2407577.48   Lxz = 173.54
        Lyx = -2407577.48   Lyy = 7903861.75   Lyz = -153.82
        Lzx = 173.54   Lzy = -153.82   Lzz = 9373633.31

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system.
        Ixx = 3248345.36   Ixy = -4828723.25   Ixz = -6313.32
        Iyx = -4828723.25   Iyy = 15962474.79   Iyz = 1795.10
        Izx = -6313.32   Izy = 1795.10   Izz = 18159655.48