

Mass properties of subass\_hip\_right  
Configuration: Default  
Coordinate system: -- default --

Mass = 139.97 grams

Volume = 356472.26 cubic millimeters

Surface area = 2115.12 square millimeters

Center of mass: ( millimeters )

X = 55.49

Y = -57.37

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 = 1645244.37

Iy = ( 0.69, 0.72, 0.00)      Py = 7993774.95

Iz = ( 0.00, 0.00, 1.00)      Pz = 8566375.56

Moments of inertia: ( grams \* square millimeters )

Taken at the center of mass and aligned with the output coordinate system.

Lxx = 4695654.71    Lxy = -3171848.05    Lxz = 212.52

lyx = -3171848.05    lyy = 4943364.65    lyz = -363.95

Lzx = 212.52      Lzy = -363.95      Lzz = 8566375.52

Moments of inertia: ( grams \* square millimeters )

Taken at the output coordinate system.

lxx = 844717.67    lxy = -6800766.21    lxz = 510.51

lyx = -6800766.21    lyy = 8453754.26    lyz = -5427.33

lzx = 510.51      lzy = -5427.33      lzz = 15828214.42