Mass properties of Femur Subassembly
Configuration: Default
Coordinate system: Joint Frame

Mass = 57.52 grams

Volume = 25648.85 cubic millimeters

Surface area = 27727.36 square millimeters

Center of mass: (millimeters)
X = 54.78
Y = -3.96
Z = 0.00

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)
Taken at the center of mass.

Ix = (-1.00, -0.02, 0.00)	Px = 38894.92
Iy = (0.00, 0.00, 1.00)	Py = 96003.55
Iz = (-0.02, 1.00, 0.00)	Pz = 124796.31

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

Lxx = 38928.83	Lxy = 1706.37	Lxz = 0.00
Lyx = 1706.37	Lyy = 124762.40	Lyz = 0.00
Lzx = 0.00	Lzy = 0.00	Lzz = 96003.55

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

Ixx = 39831.85	Ixy = -10778.87	Ixz = 0.00
Iyx = -10778.87	Iyy = 297383.69	Iyz = 0.00
Izx = 0.00	Izy = 0.00	Izz = 269527.87