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

Mass = 142.71 grams

Volume = 355240.28 cubic millimeters

Surface area = 217464.80 square millimeters

Center of mass: (millimeters)
        X = 100.02
        Y = 0.00
        Z = 24.79

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)
Taken at the center of mass.
        Ix = (0.95, 0.00, 0.30)   Px = 1667339.64
        Iy = (0.30, 0.00, -0.95)   Py = 1542144.43
        Iz = (0.00, 1.00, 0.00)   Pz = 12592746.47

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system.
        Lxx = 2565673.30   Lxy = 32.99   Lxz = 2839694.73
        Lyx = 32.99   Lyy = 12592746.47   Lyz = -50.96
        Lzx = 2839694.73   Lzy = -50.96   Lzz = 10643810.78

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system.
        Ixx = 3267734.95   Ixy = 463.68   Ixz = 5672602.27
        Iyx = 463.68   Iyy = 24725948.63   Iyz = 55.78
        Izx = 5672602.27   Izy = 55.78   Izz = 22074951.33