

Mass properties of hueso inferiores2
Configuration: Predeterminado
Coordinate system: -- default --

Density = 0.01 grams per cubic millimeter

Mass = 47.76 grams

Volume = 6542.37 cubic millimeters

Surface area = 3815.46 square millimeters

Center of mass: (millimeters)

X = 0.00

Y = 0.00

Z = 85.00

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)

Taken at the center of mass.

Ix = (0.00, 0.00, 1.00) Px = 292.53

Iy = (0.00, -1.00, 0.00) Py = 15166.52

Iz = (1.00, 0.00, 0.00) Pz = 15166.52

Moments of inertia: (grams * square millimeters)

Taken at the center of mass and aligned with the output coordinate system. (Using positive tensor notation.)

Lxx = 15166.52 Lxy = 0.00 Lxz = 0.00

Lyx = 0.00 Lyy = 15166.52 Lyz = 0.00

Lzx = 0.00 Lzy = 0.00 Lzz = 292.53

Moments of inertia: (grams * square millimeters)

Taken at the output coordinate system. (Using positive tensor notation.)

Ixx = 460227.30 Ixy = 0.00 Ixz = 0.00

Iyx = 0.00 Iyy = 460227.30 Iyz = 0.00

Izx = 0.00 Izy = 0.00 Izz = 292.53