

Mass properties of subass_ankle_right

Configuration: Default

Coordinate system: -- default --

Mass = 638.20 grams

Volume = 147085.40 cubic millimeters

Surface area = 153106.84 square millimeters

Center of mass: (millimeters)

X = 25.59

Y = 0.00

Z = 0.07

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

taken at the center of mass.

Ix = (1.00, 0.00, 0.00)

Px = 728680.77

Iy = (0.00, 0.00, -1.00)

Py = 2391085.67

Iz = (0.00, 1.00, 0.00)

Pz = 2618699.37

Moments of inertia: (grams * square millimeters)

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

Lxx = 728680.81

Lxy = -172.39

Lxz = 158.48

lyx = -172.39

lyy = 2618699.35

lyz = -3.33

Lzx = 158.48

Lzy = -3.33

Lzz = 2391085.66

Moments of inertia: (grams * square millimeters)

taken at the output coordinate system.

lxx = 728684.13

lxy = -249.99

lxz = 1334.93

lyx = -249.99

lyy = 3036706.89

lyz = -3.55

lzx = 1334.93

lzy = -3.55

lzz = 2809089.90