Mass properties of LowerArmV4
Configuration: Default
Coordinate system: -- default --

Density = 0.00 grams per cubic millimeter

Mass = 197.26 grams

Volume = 197257.83 cubic millimeters

Surface area = 51722.10 square millimeters

Center of mass: (millimeters)
X = 113.95
Y = 234.48
Z = 205.23

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

Ix = (1.00, 0.00, -0.01)	Px = 79575.37
Iy = (0.00, 1.00, 0.00)	Py = 1384299.09
Iz = (0.01, 0.00, 1.00)	Pz = 1453793.50

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

Lxx = 79652.01	Lxy = 5238.77	Lxz = -8741.58
Lyx = 5238.77	Lyy = 1384278.07	Lyz = 3.68
Lzx = -8741.58	Lzy = 3.68	Lzz = 1453737.87

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

Ixx = 19232875.44	Ixy = 5275760.61	Ixz = 4604326.30
Iyx = 5275760.61	Iyy = 12253820.70	Iyz = 9492238.08
Izx = 4604326.30	Izy = 9492238.08	Izz = 14860190.41