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

Mass = 1444.58 grams

Volume = 543926.25 cubic millimeters

Surface area = 210961.94 square millimeters

Center of mass: (millimeters)
X = 80.25
Y = 0.00
Z = 20.79

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

Ix = (0.95, 0.00, 0.32)	Px = 1859778.40
Iy = (0.32, 0.00, -0.95)	Py = 13648121.37
Iz = (0.00, 1.00, 0.00)	Pz = 14605603.92

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

Lxx = 3083929.49	Lxy = 998.29	Lxz = 3596132.**1**
Lyx = 998.29	Lyy = 14605603.83	Lyz = 322.92
Lzx = 3596132.**1**	Lzy = 322.92	Lzz = 12423970.35

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

Ixx = 3708570.55	Ixy = 1400.10	Ixz = 6006895.09
Iyx = 1400.10	Iyy = 24534433.65	Iyz = 427.03
Izx = 6006895.09	Izy = 427.03	Izz = 21728159.15