Mass properties of Piece2_T2
Configuration: Default
Coordinate system: -- default --

Density = 0.01 grams per cubic millimeter

Mass = 635.23 grams

Volume = 80408.31 cubic millimeters

Surface area = 17788.20 square millimeters

Center of mass: (millimeters)
X = -4.15
Y = -25.85
Z = 1.42

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

Ix = (-0.17, 0.03, 0.99)	Px = 193334.85
Iy = (0.87, 0.48, 0.13)	Py = 370862.93
Iz = (-0.47, 0.88, -0.10)	Pz = 38681.43

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

Lxx = 369444.48	Lxy = 5834.87	Lxz = -30012.17
Lyx = 5834.87	Lyy = 382991.22	Lyz = 5842.47
Lzx = -30012.17	Lzy = 5842.47	Lzz = 198573.51

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

Ixx = 876588.53	Ixy = 73991.56	Ixz = -6016.56
Iyx = 73991.56	Iyy = 476726.92	Iyz = -181592.56
Izx = -6016.56	Izy = -181592.56	Izz = 633875.48