

Mass properties of Part1
Configuration: Default
Coordinate system: Coordinate System1

Density = 0.04 pounds per cubic inch

Mass = 0.93 pounds

Volume = 25.13 cubic inches

Surface area = 56.55 square inches

Center of mass: (inches)

X = 0.00

Y = 1.00

Z = -4.00

Principal axes of inertia and principal moments of inertia: (pounds * square inches)

Taken at the center of mass.

Ix = (0.00, 0.00, 1.00) Px = 0.46

Iy = (0.00, -1.00, 0.00) Py = 5.17

Iz = (1.00, 0.00, 0.00) Pz = 5.17

Moments of inertia: (pounds * square inches)

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

Lxx = 5.17 Lxy = 0.00 Lxz = 0.00

Lyx = 0.00 Lyy = 5.17 Lyz = 0.00

Lzx = 0.00 Lzy = 0.00 Lzz = 0.46

Moments of inertia: (pounds * square inches)

Taken at the output coordinate system.

Ixx = 20.92 Ixy = 0.00 Ixz = 0.00

Iyx = 0.00 Iyy = 19.99 Iyz = -3.70

Izx = 0.00 Izy = -3.70 Izz = 1.39