

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

Density = 8000.00 kilograms per cubic meter

Mass = 1.04 kilograms

Volume = 0.00 cubic meters

Surface area = 0.26 square meters

Center of mass: (meters)

X = 0.00

Y = -0.15

Z = 0.29

Principal axes of inertia and principal moments of inertia: (kilograms * square meters)

taken at the center of mass.

Ix = (0.00, -0.37, 0.93) Px = 0.07

Iy = (-1.00, 0.00, 0.00) Py = 0.21

Iz = (0.00, -0.93, -0.37) Pz = 0.22

Moments of inertia: (kilograms * square meters)

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

Lxx = 0.21 Lxy = 0.00 Lxz = 0.00

Lyx = 0.00 Lyy = 0.20 Lyz = -0.05

Lzx = 0.00 Lzy = -0.05 Lzz = 0.09

Moments of inertia: (kilograms * square meters)

taken at the output coordinate system.

Ixx = 0.32 Ixy = 0.00 Ixz = 0.00

Iyx = 0.00 Iyy = 0.29 Iyz = -0.10

Izx = 0.00 Izy = -0.10 Izz = 0.12