

Mass properties of Nick Redesign 0 ( Part Configuration - Default )

Output coordinate System: -- default --

Density = 0.10 pounds per cubic inch

Mass = 6.64 pounds

Volume = 68.02 cubic inches

Surface area = 240.23 square inches

Center of mass: ( inches )

X = 0.00

Y = -0.00

Z = 0.06

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

Taken at the center of mass.

Ix = (1.00, 0.00, 0.00) Px = 45.10

Iy = (0.00, 1.00, 0.00) Py = 45.10

Iz = (0.00, -0.00, 1.00) Pz = 88.17

Moments of inertia: ( pounds \* square inches )

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

Lxx = 45.10 Lxy = 0.00 Lxz = 0.00

Lyx = 0.00 Lyy = 45.10 Lyz = 0.00

Lzx = 0.00 Lzy = 0.00 Lzz = 88.17

Moments of inertia: ( pounds \* square inches )

Taken at the output coordinate system.

Ixx = 45.12 Ixy = 0.00 Ixz = 0.00

Iyx = 0.00 Iyy = 45.13 Iyz = 0.00

Izx = 0.00 Izy = 0.00 Izz = 88.17