

Mass properties of High Hand
Configuration: Default
Coordinate system: -- default --

Mass = 0.15 pounds

Volume = 4.07 cubic inches

Surface area = 54.42 square inches

Center of mass: (inches)

X = 0.90

Y = 0.98

Z = 1.52

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

taken at the center of mass.

Ix = (1.00, 0.00, 0.01) Px = 0.10

Iy = (0.01, -0.16, -0.99) Py = 0.1

Iz = (0.00, 0.99, -0.16) Pz = 0.13

Moments of inertia: (pounds * square inches)

taken at the center of mass and aligned with the output coordinate system. (Using positive tensor notation.)

Lxx = 0.10 Lxy = 0.00 Lxz = 0.00

Lyx = 0.00 Lyy = 0.13 Lyz = 0.00

Lzx = 0.00 Lzy = 0.00 Lzz = 0.1

Moments of inertia: (pounds * square inches)

taken at the output coordinate system. (Using positive tensor notation.)

Ixx = 0.59 Ixy = 0.13 Ixz = 0.21

Iyx = 0.13 Iyy = 0.59 Iyz = 0.23

Izx = 0.21 Izy = 0.23 Izz = 0.37