

Mass properties of Casco
Configuration: Predeterminado
Coordinate system: -- default --

Density = 0.00 grams per cubic millimeter

Mass = 45.89 grams

Volume = 45887.52 cubic millimeters

Surface area = 184037.39 square millimeters

Center of mass: (millimeters)

X = -44.95

Y = 44.60

Z = 0.00

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)

taken at the center of mass.

Ix = (0.00, 0.00, 1.00) Px = 248953.29

Iy = (-0.67, -0.74, 0.00) Py = 348713.12

Iz = (0.74, -0.67, 0.00) Pz = 462567.14

Moments of inertia: (grams * square millimeters)

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

Lxx = 410937.08 Lxy = 56680.04 Lxz = -0.03

Lyx = 56680.04 Lyy = 400343.18 Lyz = -0.08

Lzx = -0.03 Lzy = -0.08 Lzz = 248953.29

Moments of inertia: (grams * square millimeters)

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

lxx = 502223.46 lxy = -35324.47 lxz = -0.16

lyx = -35324.47 lyy = 493071.45 lyz = 0.04

lzx = -0.16 lzy = 0.04 lzz = 432967.95