

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

Density = 0.00 grams per cubic millimeter

Mass = 23.06 grams

Volume = 23064.16 cubic millimeters

Surface area = 47435.04 square millimeters

Center of mass: (millimeters)

X = 0.00

Y = 160.00

Z = 0.00

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

taken at the center of mass.

Ix = (0.00, 1.00, 0.00)

Px = 2718.58

Iy = (-1.00, 0.00, 0.00)

Py = 199506.27

Iz = (0.00, 0.00, 1.00)

Pz = 199519.48

Moments of inertia: (grams * square millimeters)

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

Lxx = 199506.27 Lxy = 0.00 Lxz = 0.00

Lyx = 0.00 Lyy = 2718.58 Lyz = 0.00

Lzx = 0.00 Lzy = 0.00 Lzz = 199519.48

Moments of inertia: (grams * square millimeters)

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

Ixx = 789948.74 Ixy = 0.00 Ixz = 0.00

Iyx = 0.00 Iyy = 2718.58 Iyz = 0.00

Izx = 0.00 Izy = 0.00 Izz = 789961.95