

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

Density = 0.01 grams per cubic millimeter

Mass = 100.79 grams

Volume = 13806.79 cubic millimeters

Surface area = 7087.01 square millimeters

Center of mass: (millimeters)

X = 10.25

Y = -10.25

Z = 23.75

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 = 6170.08

Iy = (0.00, -1.00, 0.00)

Py = 29719.41

Iz = (1.00, 0.00, 0.00)

Pz = 29719.41

Moments of inertia: (grams * square millimeters)

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

Lxx = 29719.41 Lxy = 0.00 Lxz = 0.00

Lyx = 0.00 Lyy = 29719.41 Lyz = 0.00

Lzx = 0.00 Lzy = 0.00 Lzz = 6170.08

Moments of inertia: (grams * square millimeters)

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

Ixx = 97160.22 Ixy = -10589.20 Ixz = 24535.96

Iyx = -10589.20 Iyy = 97160.22 Iyz = -24535.96

Izx = 24535.96 Izy = -24535.96 Izz = 27348.48