

Mass properties of Muslo222
Configuration: Predeterminado
Coordinate system: -- default --

Density = 0.01 grams per cubic millimeter

Mass = 784.38 grams

Volume = 107449.25 cubic millimeters

Surface area = 68687.16 square millimeters

Center of mass: (millimeters)

X = 54.59

Y = -18.55

Z = 48.39

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

taken at the center of mass.

Ix = (0.98, 0.00, -0.22) Px = 855944.23

Iy = (-0.22, 0.00, -0.98) Py = 121883.68

Iz = (0.00, 1.00, 0.00) Pz = 1749258.46

Moments of inertia: (grams * square millimeters)

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

Lxx = 872707.36 Lxy = -3373.37 Lxz = -75377.29

Lyx = -3373.37 Lyy = 1749244.83 Lyz = -305.30

Lzx = -75377.29 Lzy = -305.30 Lzz = 195134.18

Moments of inertia: (grams * square millimeters)

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

lxx = 2979454.02 lxy = -797788.83 lxx = 1996822.30

lyx = -797788.83 lyy = 5923814.60 lyz = -704472.69

lzx = 1996822.30 lzy = -704472.69 lzz = 3802868.10