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

Density = 0.01 grams per cubic millimeter

Mass = 398.97 grams

Volume = 54653.80 cubic millimeters

Surface area = 15896.77 square millimeters

Center of mass: (millimeters)
X = 22.87
Y = -10.63
Z = 56.58

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 = 10394.12
Iy = (1.00, 0.00, 0.00) Py = 354325.41
Iz = (0.00, 1.00, 0.00) Pz = 433733.89

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system. (Using positive tensor notation.)
Lxx = 354325.41 Lxy = 0.00 Lxz = -1.98
Lyx = 0.00 Lyy = 433733.89 Lyz = 0.00
Lzx = -1.98 Lzy = 0.00 Lzz = 10394.12

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system. (Using positive tensor notation.)
Ixx = 1676646.27 Ixy = -96929.91 Ixz = 516167.07
Iyx = -96929.91 Iyy = 1919614.53 Iyz = -239852.21
Izx = 516167.07 Izy = -239852.21 Izz = 364034.47