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

Density = 0.01 grams per cubic millimeter

Mass = 710.36 grams

Volume = 97309.00 cubic millimeters

Surface area = 23642.46 square millimeters

Center of mass: (millimeters)
X = 0.**1**
Y = -55.17
Z = -9.53

Principal axes of inertia and principal moments of inertia: (grams * square millimeters)
Taken at the center of mass.

Ix = (0.00, 0.99, -0.15)	Px = 267596.38
Iy = (-0.01, 0.15, 0.99)	Py = 507101.04
Iz = (1.00, 0.00, 0.01)	Pz = 629183.73

Moments of inertia: (grams * square millimeters)
Taken at the center of mass and aligned with the output coordinate system. (Using positive tensor notation.)

Lxx = 629156.84	Lxy = -1282.46	Lxz = -1531.71
Lyx = -1282.46	Lyy = 273168.13	Lyz = -36095.09
Lzx = -1531.71	Lzy = -36095.09	Lzz = 501556.20

Moments of inertia: (grams * square millimeters)
Taken at the output coordinate system. (Using positive tensor notation.)

Ixx = 2855466.39	Ixy = -5426.57	Ixz = -2247.60
Iyx = -5426.57	Iyy = 337688.62	Iyz = 337352.42
Izx = -2247.60	Izy = 337352.42	Izz = 2663361.14