Mass properties of Part1
Configuration: Default
Coordinate system: -- default --

Density = 0.01 grams per cubic millimeter

Mass = 2900.43 grams

Total weld mass = 0.00 grams

Volume = 367142.99 cubic millimeters

Surface area = 74632.95 square millimeters

Center of mass: (millimeters)
X = 0.40
Y = 0.06
Z = 9.10

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

Ix = (1.00, 0.00, 0.00)	Px = 3376181.82
Iy = (0.00, 1.00, 0.00)	Py = 30034381.48
Iz = (0.00, 0.00, 1.00)	Pz = 33221870.33

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

Lxx = 3376203.83	Lxy = -24202.79	Lxz = 1047.52
Lyx = -24202.79	Lyy = 30034359.51	Lyz = 146.27
Lzx = 1047.52	Lzy = 146.27	Lzz = 33221870.29

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

Ixx = 3616548.76	Ixy = -24135.48	Ixz = **1**665.45
Iyx = -24135.48	Iyy = 30275163.88	Iyz = 1669.76
Izx = **1**665.45	Izy = 1669.76	Izz = 33222349.04