Measurements are based on sectioned model
Section properties of the selected face of steel

Area = 783.24 millimeters^2

Centroid relative to assembly origin: (millimeters)
X = 0.00
Y = 1995.44
Z = 2204.47

Moments of inertia of the area, at the centroid: (millimeters ^ 4)
Lxx = 880599.96 Lxy = 0.00 Lxz = 0.00
Lyx = 0.00 Lyy = 56615.33 Lyz = 0.01
Lzx = 0.00 Lzy = 0.01 Lzz = 823984.63

Polar moment of inertia of the area, at the centroid = 880599.96 millimeters ^ 4

Angle between principal axes and assembly coordinate axes = -0.00 degrees

Principal moments of inertia of the area, at the centroid: (millimeters ^ 4)
Ix = 56615.33
Iy = 823984.63

Moments of inertia of the area, at the output coordinate system: (millimeters ^ 4)
LXX = 6925889576.18 LXY = 0.00 LXZ = 0.00
LYX = 0.00 LYY = 3806356861.54 LYZ = 3445394289.02
LZX = 0.00 LZY = 3445394289.02 LZZ = 3**1**9532714.64