AVERAGE DENSITY = 3.3562583e-06 KILOGRAM / MM^3

MASS = 1.8392958e+00 KILOGRAM

CENTER OF GRAVITY with respect to \_HERI\_II\_HAND\_2 coordinate frame:

X Y Z -5.6986901e+01 1.5128372e+01 -2.1668015e+00 MM

INERTIA with respect to \_HERI\_II\_HAND\_2 coordinate frame: (KILOGRAM \* MM^2)

INERTIA TENSOR:

Ixx Ixy Ixz 4.2394295e+03 2.1196205e+03 -1.6794272e+02

Iyx Iyy Iyz 2.1196205e+03 1.1025084e+04 3.4928236e+02

Izx Izy Izz -1.6794272e+02 3.4928236e+02 1.2945694e+04

INERTIA at CENTER OF GRAVITY with respect to \_HERI\_II\_HAND\_2 coordinate frame: (KILOGRAM \* MM^2)

INERTIA TENSOR:

Ixx Ixy Ixz 3.8098386e+03 5.3392851e+02 5.9172246e+01

Iyx Iyy Iyz 5.3392851e+02 5.0433222e+03 2.8898991e+02

Izx Izy Izz 5.9172246e+01 2.8898991e+02 6.5516125e+03

PRINCIPAL MOMENTS OF INERTIA: (KILOGRAM \* MM^2)

I1 I2 I3 3.6101131e+03 5.1804387e+03 6.6142215e+03

ROTATION MATRIX from \_HERI\_II\_HAND\_2 orientation to PRINCIPAL AXES:

0.93593 0.34727 0.05869

-0.35184 0.91447 0.19988

0.01574 -0.20772 0.97806

ROTATION ANGLES from \_HERI\_II\_HAND\_2 orientation to PRINCIPAL AXES (degrees):

angles about x y z -11.550 3.365 -20.357

RADII OF GYRATION with respect to PRINCIPAL AXES:

R1 R2 R3 4.4303151e+01 5.3071025e+01 5.9967173e+01 MM