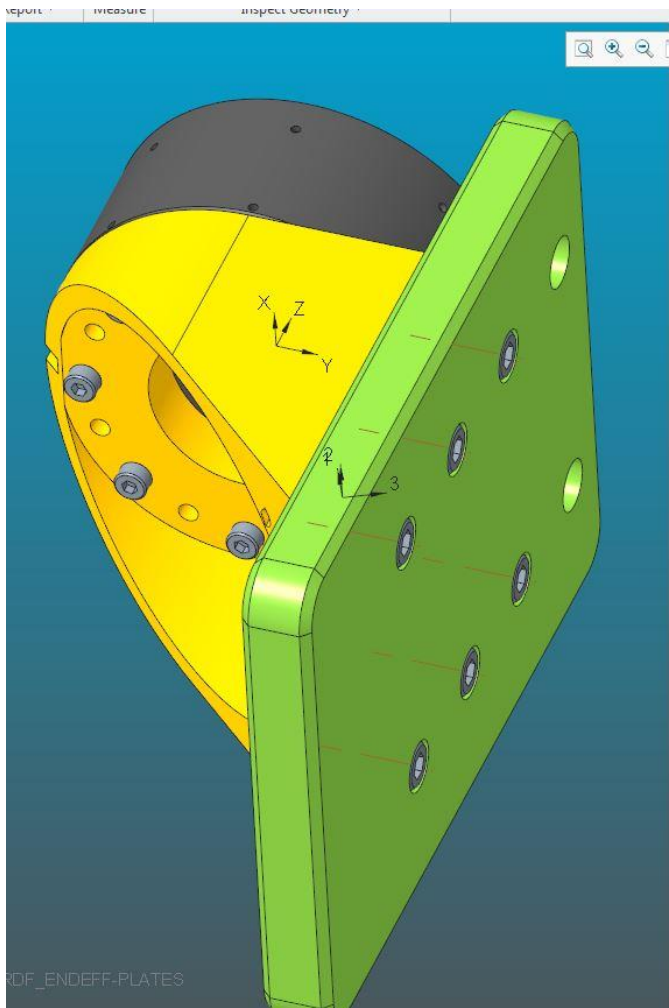


EndEff_plate_rx



VOLUME = 4.3112888e+05 MM^3
SURFACE AREA = 1.3071140e+05 MM^2
AVERAGE DENSITY = 2.0450825e-06 KILOGRAM / MM^3
MASS = 8.8169412e-01 KILOGRAM

CENTER OF GRAVITY with respect to URDF_ENDEFF-PLATE coordinate frame:
X Y Z 1.4548853e-02 2.8841652e+01 -3.9584037e+01 MM

INERTIA with respect to URDF_ENDEFF-PLATE coordinate frame: (KILOGRAM * MM^2)

INERTIA TENSOR:
Ixx Ixy Ixz 3.9483619e+03 -2.9213328e-01 4.1366894e-02
Iyx Iyy Iyz -2.9213328e-01 3.4892904e+03 1.3995650e+03
Izx Izy Izz 4.1366894e-02 1.3995650e+03 2.2538196e+03

INERTIA at CENTER OF GRAVITY with respect to URDF_ENDEFF-PLATE coordinate frame: (KILOGRAM * MM^2)

INERTIA TENSOR:
Ixx Ixy Ixz 1.8334097e+03 7.7836995e-02 -4.6640281e-01
Iyx Iyy Iyz 7.7836995e-02 2.1077672e+03 3.9296220e+02
Izx Izy Izz -4.6640281e-01 3.9296220e+02 1.5203902e+03

PRINCIPAL MOMENTS OF INERTIA: (KILOGRAM * MM^2)
I1 I2 I3 1.3234948e+03 1.8334101e+03 2.3046623e+03

ROTATION MATRIX from URDF_ENDEFF-PLATE orientation to PRINCIPAL AXES:
0.00089 1.00000 -0.00030
-0.44797 0.00066 0.89405
0.89405 -0.00066 0.44797

ROTATION ANGLES from URDF_ENDEFF-PLATE orientation to PRINCIPAL AXES (degrees):
angles about x y z -63.387 0.000 -89.949

RADII OF GYRATION with respect to PRINCIPAL AXES:
R1 R2 R3 3.8743794e+01 4.5600629e+01 5.1126337e+01 MM

MASS PROPERTIES OF COMPONENTS OF THE ASSEMBLY
(in assembly units and the URDF_ENDEFF-PLATE coordinate frame)

DENSITY	MASS	C.G.: X	Y	Z
CE0008B0	MATERIAL:	UNKNOWN		
2.97896e-06	1.13700e-01	1.12816e-01	4.21026e-01	-1.25853e+00
END-EFF_PLATES	MATERIAL:	UNKNOWN		
1.95438e-06	7.67994e-01	5.88550e-07	3.30493e+01	-4.52581e+01

Palm centre position wrt «wrist-yaw»

