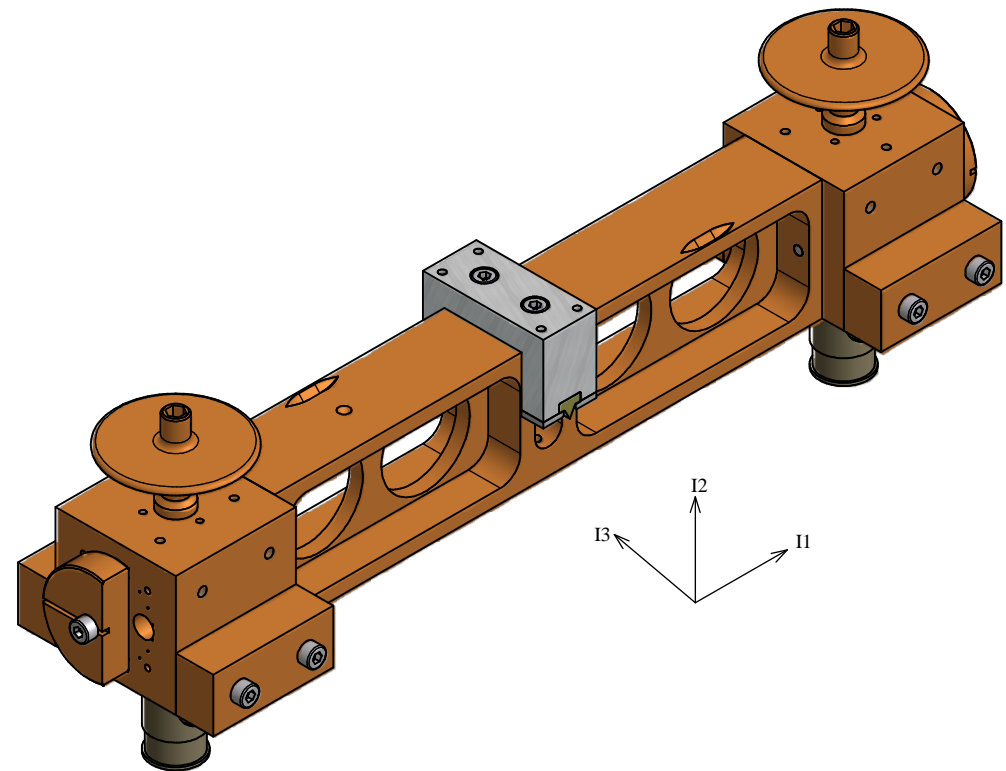


Ass7-wedge  
 Capacitive readout  
 AC actuation (coil on frame);  
 use CW = 40.5  
 c.o.w. position = -0.024  
 mass = 3.235 Kg  
 Moments of inertia:  
 I1= 1620,581 Kgmm<sup>2</sup>  
 I2= 39943,748 Kgmm<sup>2</sup>  
 I3= 40023,725 Kgmm<sup>2</sup>



Ass8-wedge  
 Capacitive readout  
 DC actuation (magnet on frame);  
 use CW = 40.5  
 c.o.w. position = +0.035  
 mass = 3.228 Kg  
 Moments of inertia:  
 I1= 1614,820 Kgmm<sup>2</sup>  
 I2= 39831,174 Kgmm<sup>2</sup>  
 I3= 39907,148 Kgmm<sup>2</sup>

|                           |                                |                   |
|---------------------------|--------------------------------|-------------------|
|                           |                                |                   |
|                           |                                |                   |
|                           |                                |                   |
|                           | added moments of inertia       | 13-07-09          |
| ref.                      | note                           | date              |
| modifications             |                                |                   |
|                           | DESIGNED FOR<br>R. De Salvo    |                   |
|                           | DRAWN BY<br>G. Gennaro-PROMECC |                   |
| DATE<br>14-06-08          |                                | LIGO-D081022-01-D |
| TITLE<br>TILTMETER        |                                |                   |
| ASSEMBLY CAPACITIVE WEDGE |                                | SCALE<br>1/1      |
|                           |                                | A2                |