

Shutter mechanism - axis of rotation ~ to S/C Z axis								
EIS-opt-desnote-moi_shut								
CMB (NRL)								
01-Jul-99								
All dimensions cm								
Design scaled from drawing - 6/13/99								
	# req'd	Matl	dens	thk/length	dia	Vol cm^3	Mass g	Izz g cm^2
shaft	1	ss	7.8	4.9	0.3175	0.387948	3.025994	0.03813
disk	1	al	2.7	0.05	6.825	1.829217	4.938886	28.75705
Nut	1	ss	7.8	0.396	0.9525	0.282173	2.200947	0.249603
washer	2	ss	7.8	0.157	1.5	0.277442	4.328094	1.217276
sm washer	2	ss	7.8	0.08	1.27	0.101341	1.580927	0.318735
armature est.	1	various	5	2.45	1.5	4.329507	21.64754	6.08837
							37.72238	36.66916