



MASS AS SHOWN: 39.92 KG
 (INCLUDES 16 X 50g REMOVABLE MASSES)

PRINCIPAL MOMENTS OF INERTIA:
 $I_{yy} = 396568.17 \text{ kg/mm}^2$
 $I_{xx} = 409628.545 \text{ kg/mm}^2$
 $I_{zz} = 606789.885 \text{ kg/mm}^2$

ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			0000358	DUMMY TEST MASS SIDE	AL ALLOY: 5083 OR SIMILAR
2	16			0000359-050.0	ADDITIONAL MASS	ST STEEL: 316
3	24				1/4" 20 UNC X 1" CAP HEAD	ST STEEL 316

PARTS LIST	
1	REMOVE ALL SHARP EDGES.
2	DO NOT SCALE FROM DRAWING.
3	ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SODIUM, CHLORINE AND SILICONE. SUCH AS CINCINNATI MILACRON'S CMTTECH 410 (STAINLESS STEEL)
4	SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE 07* HIGH CHARACTERS. EXAMPLE: 000100-001 - A VIBRATOR TOOL MAY BE USED.

NOTES: (UNLESS OTHERWISE SPECIFIED)	DIMENSIONS ARE IN mm (INCHES)	TOLERANCES:	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY DEPT. OF MECHANICAL ENGINEERING 77 MASSACHUSETTS AVENUE CAMBRIDGE, MASSACHUSETTS 02139-0002 TEL: 617-253-3000 FAX: 617-253-3000 WWW: WWW.MIT.EDU
SYSTEM: ADVANCED LIGO SUB-SYSTEM: SUS NEXT ASSY: QUAD N-PTYPE PART NAME: DUMMY TEST MASS ASSEMBLY TOOLING	DRAWN: I WILMOT 29/SEP/06 CHECKED: J'OOD 29/SEP/06 APPROVED: TW	DATE: 29/SEP/06 DRG. NO.: D060355 SCALE: 1:1 PROJECTION:	SHEET 1 OF 1