



MASS AS SHOWN: 37.48 KG  
 (INCLUDES 16 X 50g REMOVABLE MASSES)

PRINCIPAL MOMENTS OF INERTIA:  
 $I_{zz}: 412523.11 \text{ kg/mm}^2$   
 $I_{yy}: 437059.18 \text{ kg/mm}^2$   
 $I_{xx}: 771313.039 \text{ kg/mm}^2$

ITEM	QTY	SPARE	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
1	2			0000357	HALF MASS; (DUMMY HALF REACTION MASS)	ST STEEL: 316
2	16			0000359-050-000000	REMOVABLE MASS; .	ST STEEL: 316
3	24				1/4" 20 UNC X 1" CAP HEAD; .	

  

PARTS LIST	
1	REMOVE ALL SHARP EDGES.
2	DO NOT SCALE FROM DRAWING.
3	ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. SUCH AS CINCINNATI MILACRON'S CIMTECH 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: X .XX ± .13 ° ANGULAR ± .1 °	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY RUTHERFORD APPLTON LABORATORIES
FINISH: ..... NAME: ..... DATE: ..... DRAWN: I. WILMOT 29/09/06 CHECKED: ..... APPROVED: .....	SYSTEM: <b>ADVANCED LIGO</b> SUB-SYSTEM: <b>SUS</b> NEXT ASSY: <b>QUAD N-PTYPE</b> PART NAME: <b>DUMMY TEST REACTION MASS ASSEMBLY TOOLING</b> DRG. NO.: <b>D060356</b> SCALE: 1:1 PROJECTION: <b>D</b> SHEET 1 OF 1