



NOTE 1 - The horizontal accelerometer body is built in 5 steps

STEP 1 - mechanics DWG 1
 STEP 2 - pre-cut EDM DWG 2
 STEP 3 - electro-polish holes
 STEP 4 - final cuts EDM DWG 4
 STEP 5 - release + delivery DWG 5-6-7

NOTE 2 - Copper-beryllium
 Material characteristic: C 17200 cube 2 alloy 25, HV 380-420, N/mm² 1200-1500, 98% copper, 1.8% beryllium, 0.2% cobalt

section D

part no.	description	quantity
2-1	tormy head M3x12	8
11-1	flat filler head M3x10	16
21-1	flat filler head M3x6	16
28-23	flat head M3x12	4
28-1	flat head M3x12	8
10-9	flat filler head M3x25	4
9-1	flat head M3x12	8
31-1	countersunk head M5x12	16
detail	type	n°piec.
Screw's table		

1 Newport-fine adjustment screws AJS-05H n°3 pieces

ref.	note	date	signature
modifications			
17	spacer		
16	electrode		
15	ring spacer	31	justment plate
14	ring spring	30	locking screw top
13	electronic card	29	security transport
12	clamping screw	28	support coil
11	support electrode	25	screw's spacer
10	inner electrode	23	coil
9	fixing inner electrode	22	magnet
2	frequency tuning weight	21	support magnet
1	body	18	reverse rotation
ref.	date	date	signature

	LIGO PROJECT designed by R. De Salvo drawn by G. Gemmaro-PROMEC date 12-12-04
	HAM-OPTICAL BENCH H-ACCELEROMETER LIGO-D050110-00-D scale 1:1 A 1