



17

primary coil: wire
41-AWG size 250 turns

actuator coil: wire
43-AWG size 720 turns (six layers)

Use only kapton insulated wires approved by LIGO, all other kinds of enamel are forbidden.

modified detail 16				27-10-05			
ref.	note			date	signature		
modifications							
17	4	peek 1000	1/1				
16	4	ARMCO steel	1/1				
ref.	pieces	mat. and treatments	scale	ref.	pieces	mat. and treatments	scale

General machining tolerances UNI 5307-63												
Dimensions	< 6	> 6-30	> 30-120	> 120-315	> 315-1000	> 1000-2000	> 2000-4000	> 4000				
linear Toll.	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2	± 3				
angular Toll.	± 1	± 30'	± 20'	± 10'					referred to the shortest side			
				designed for				R.De Salvo				
				draw. by				G. Gennaro-PROMECC				
				date				2-01-05		scale		1/1
				title				HAM-OPTICAL BENCH				LIGO-D051126-00-D
DETAILS FILTER				detail from		106		A 3				