



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 part 17		30-09-06	
	modified part 17		23-06-06	
	modified part 17		19-06-06	
	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	
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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				
				<b>LIGO PROJECT</b>		designed for <b>R.De Salvo</b>		
title <b>HAM-OPTICAL BENCH</b> DETAILS FILTER						draw. by <b>G. Gennaro-PROMECC</b>		
						date 2-01-05		scale 1/1
						LIGO-D051126-03-D		
						detail from 106		A 3