



Level on the concrete with 3 M12 set screws 5 to 10mm from concrete surface, bolt to ground with 6 M12 or 1/2"-13 concrete anchor bolts, inject grout to stabilize.

part no.	description	quantity
97	grub M10x15	4
96-97	tommy head M12x35	8
101	nut M18	8
98-99	hexag.-head M12x40	32
detail	type	n°pec.
Screw's table		

ref.	name	date	signature
modifications			
101	153 adjustment screw		
100	153 wire		
99	152 top plate		
98	155 main support tube		
97	152 support ring ass'y		
96	152 clamping cups	102	153 1/2 cups
ref.	draw.	date	signature

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 drawn by: **G.Gennaro-PROMECH**
 date: **2-08-05**
LIGO PROJECT
HAM-OPTICAL BENCH
HORIZONTAL CALIBRATOR
 LIGO-0051149-00-D
 scale: 1/5 A 1