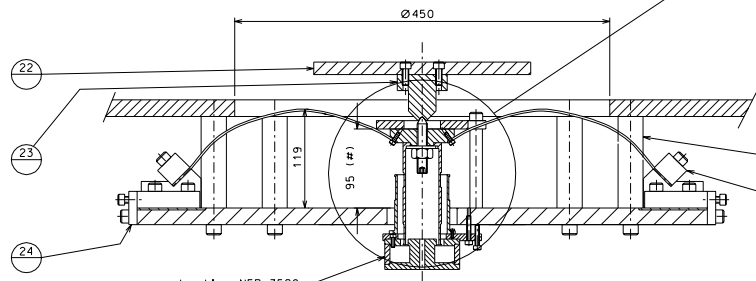
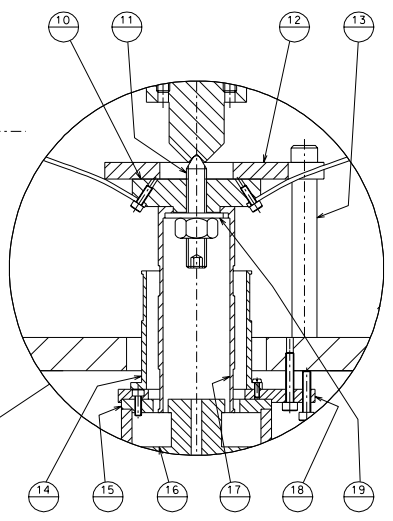
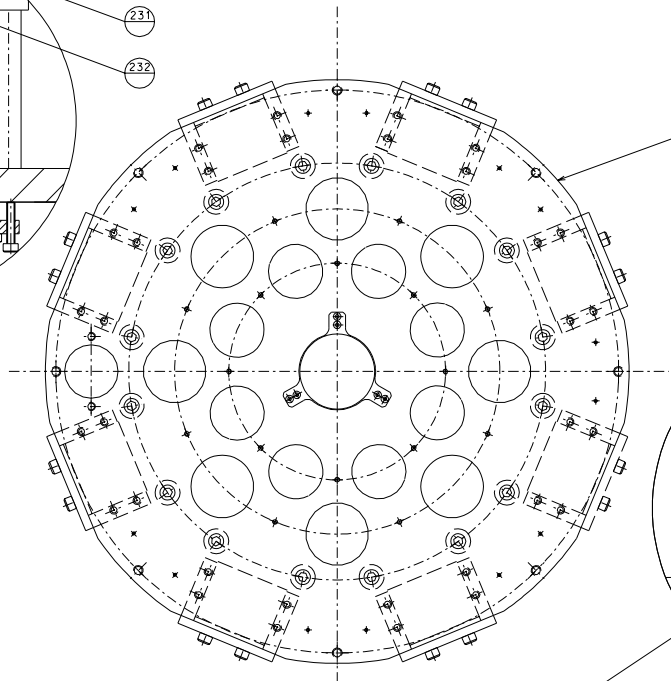


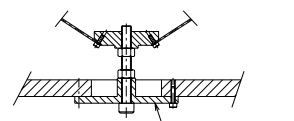
section B-B



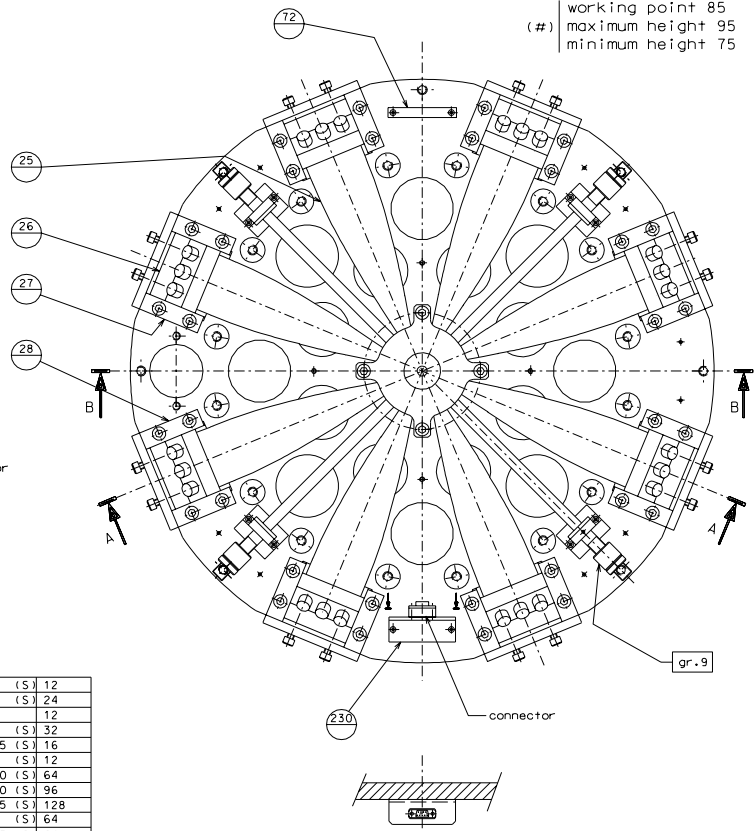
bunting NEB 3590

section A-A in position of maximum height

(#) working point 85
maximum height 95
minimum height 75



Mounting tool



Note: Press fit of 10 into 17 after wiring disassemble yoke 16 to reach screw. Use only special wrench to lock unlock nut.
Note: Mount connector on opposite side on half of the filters to allow for cabling from the side of the spring box



Accu-Glass 9D-10400
9 pin sub-D male connector
on stand

Connection convention:
1: LVDT drive +
2: LVDT drive -
3: LVDT sense +
4: LVDT sense -
5: shields
6-9: act. coil +
10-13: act. coil -
14-17: shields

detail	type	n°piec.
14-18	flat head M3x8 (S)	12
18-9	tommy head M5x30 (S)	24
18-15	tommy head M4x12 (S)	12
25-10	tommy head M4x12 (S)	32
22-13-9	tommy head M10x25 (S)	16
12-23	tommy head M8x20 (S)	12
9-20	tommy head M12x40 (S)	64
21-26	tommy head M10x40 (S)	96
27-28-9	tommy head M10x35 (S)	128
24-26	tommy head M8x20 (S)	64
24-9	tommy head M10x25 (S)	64

Screw's table

rev.	date	modifications	date	signature	
		modified part 230	06-07-06		
		modified working point blades	17-06-06		
		changed position connector	25-05-06		
		added connection and details	11-05-06		
		22 207 connection table			
		21 123 blade clamp plate	gr.9 167	balance	
		20 124 filter's struct. column	233	washer	
		19 124 washer	232	168 drilled screw	
		18 125 coil adjust. plate	231	168 spacer pipe	
		17 126 LVDT/act. coils	230	124 support connector	
		16 126 magnet yoke back	77	121 mounting tool	
		15 125 magnet yoke front	72	123 electrical conn. bar	
		14 125 LVDT coil	28	123 guide right	
		13 122 end-stop column	27	123 guide left	
		12 124 end-stop plate	26	123 blade clamp	
		11 124 central screw	25	120 GAS blade	
		10 168 blade control support	24	123 tuning pusher	
		9 121 filter main platform	23	122 connection nose	
		rev. date	added signature	rev. date	added signature

designed by: R.De Salvo
drawn by: G.Gennaro-PROMECC
date: 10-12-04
LIGO PROJECT
HAM-OPTICAL BENCH
FILTER GR.1
LIGO-0051106-06-0
sheet 1/3
A.1