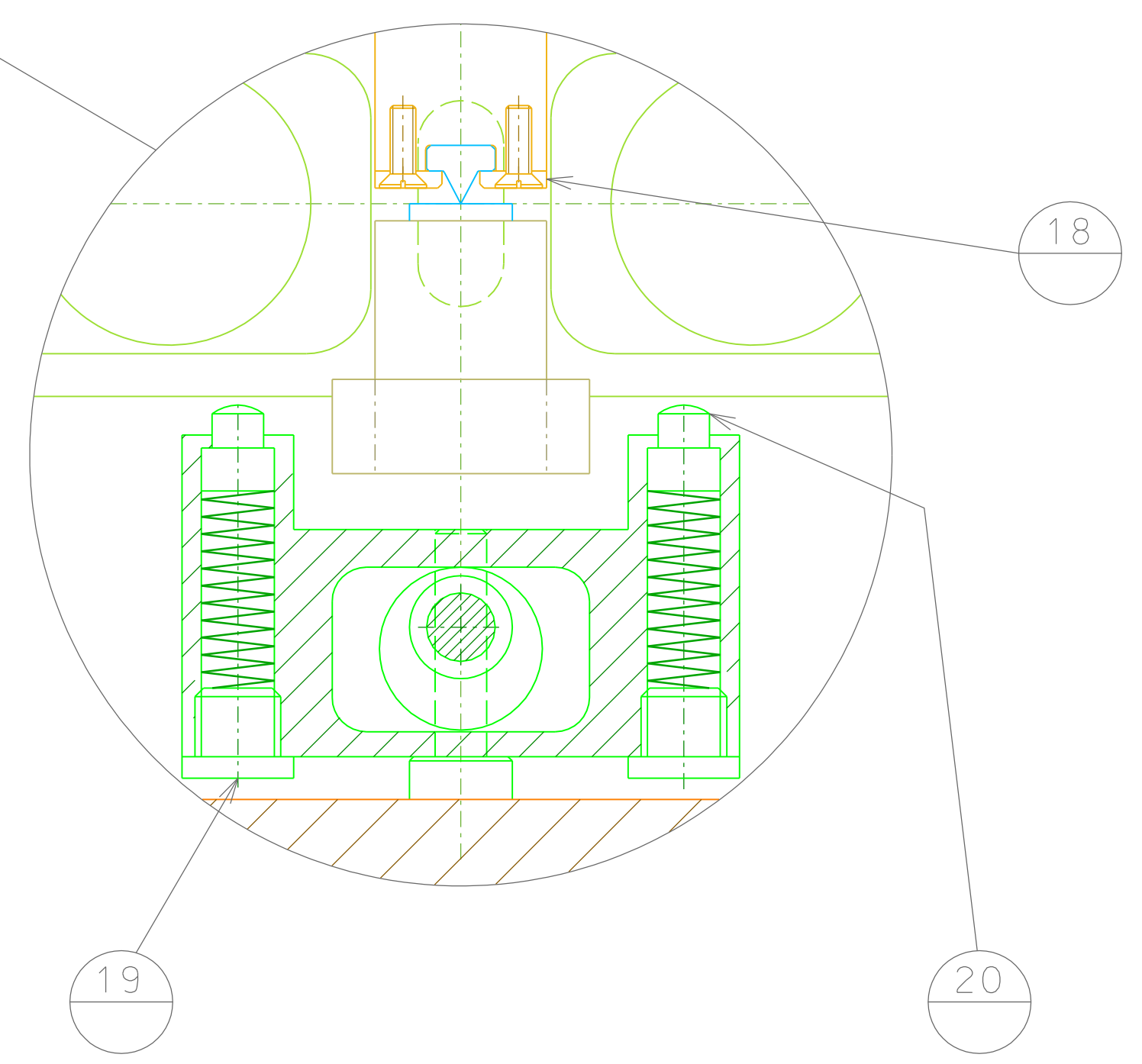
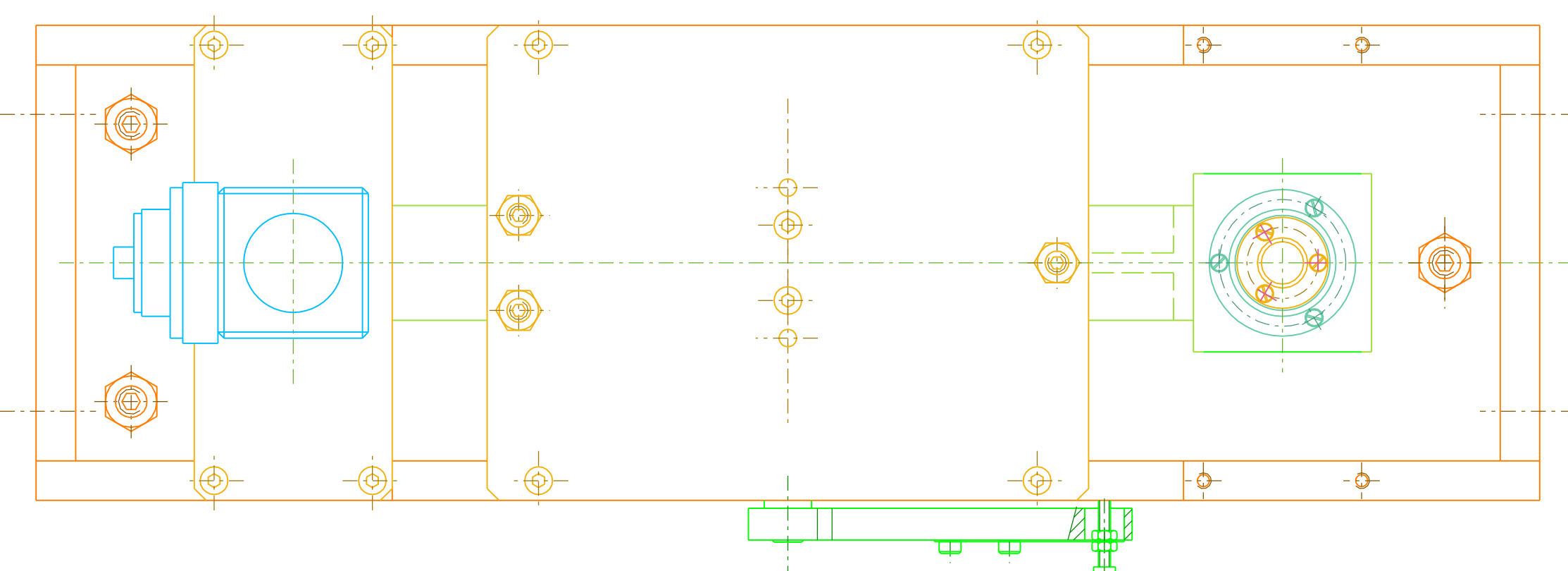
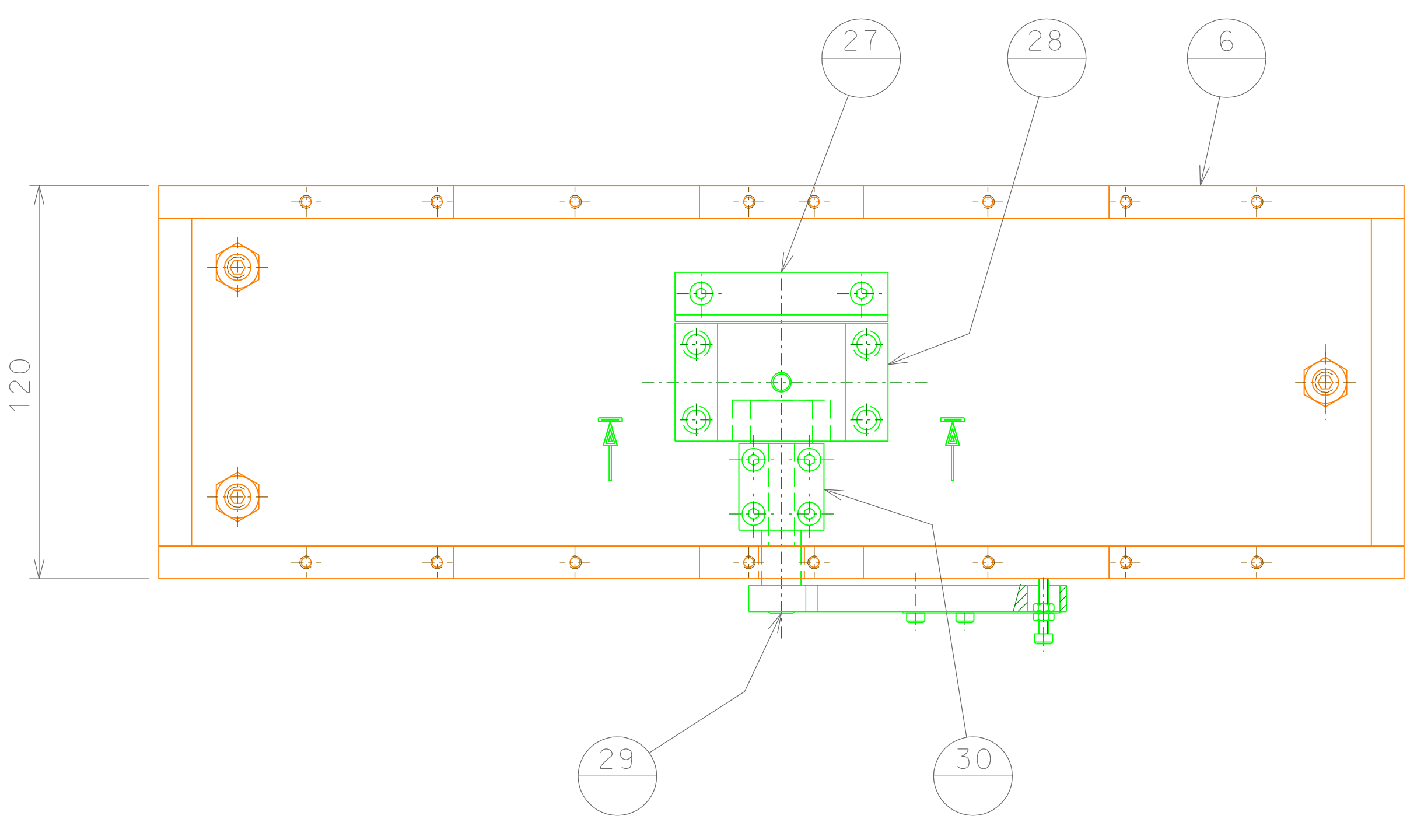


bunting magnetics N35P250500-SV mount the two magnets in the actuators with opposite polarity. Mount the coils (16) in series with parallel helicity.



Note: Tube wrenches and allen wrenches for tuning of 8 and 41 must be provided.



ref.	note	date	signature
modifications			
17	010 counterweight		
16	009 actuator coil		
15	009 magnet yoke	41	006 level screw
14	011 balance mass	40	011 extra mass
13	009 LVDT emitter coil	30	012 cam's base
12	009 LVDT receiver coil	29	013 cam's arm
11	009 magnet nose	28	013 balance lift block
10	010 balance arm	27	012 lift guide
9	005 mirror holder	26	012 guide pin
8	006 adjustment screw	25	012 lock's cam
7	007 balance support	24	012 cam's spacer
6	006 back panel	23	008 balance's wedge
5	004 central cover	22	eliminated
4	005 optics support	21	007 wedge's plate support
3	005 front panel	20	012 lift's tips
2	004 side panel	19	012 spring's cap
1	004 base plate	18	007 wedge's flanges
ref.	draw.	added legend	ref. draw. added legend

ref.	note	date	signature
29	M3x8 socked head	2	
14-40	M4x20 socked head	8	
14-17	M4x16 socked head	2	
14-15	M3x10 self tapping screw	6	
10-17	M4x25 socked head	4	
9-14	M2.5x8 fillister head	6	
7-18	M3x8 fillister head	4	
7-10	M4x12 socked head	2	
4-12	M3x10 self tapping screw	6	
3-4-5	M4x16 socked head	12	
2-3	M4x16 socked head	8	
1-27	M4x20 socked head	2	
1-30	M4x30 socked head	4	
1-16	M3x8 fillister head	2	
1-2-3	M4x20 socked head	14	
detail	type	n°piec.	

Screw's table

ref.	draw.	added legend	ref.	draw.	added legend
17			41		006 level screw
16			40		011 extra mass
15			30		012 cam's base
14			29		013 cam's arm
13			28		013 balance lift block
12			27		012 lift guide
11			26		012 guide pin
10			25		012 lock's cam
9			24		012 cam's spacer
8			23		008 balance's wedge
7			22		eliminated
6			21		007 wedge's plate support
5			20		012 lift's tips
4			19		012 spring's cap
3			18		007 wedge's flanges
2					
1					
ref.	draw.	added legend	ref.	draw.	added legend

	<b>LIGO PROJECT</b> title <b>OPTIC TILMETER</b> WITH WEDGE HINGE	designed for <b>R.De Salvo</b> draw. by <b>C.Gennaro-PROMEC</b> date 5-04-08 LIGO-D081001-01-D scale 1/2 A 1
	scale 1/2 A 1	