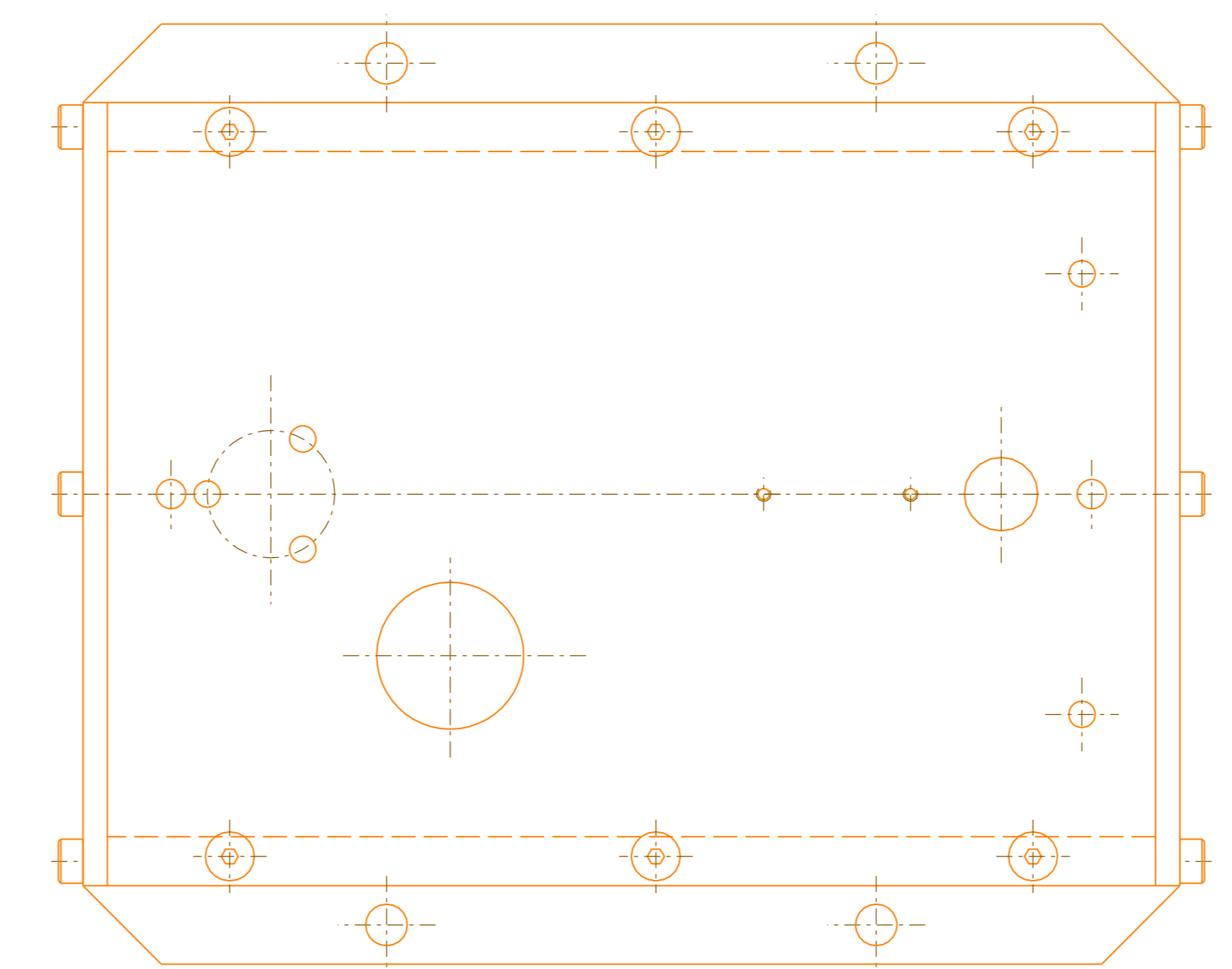
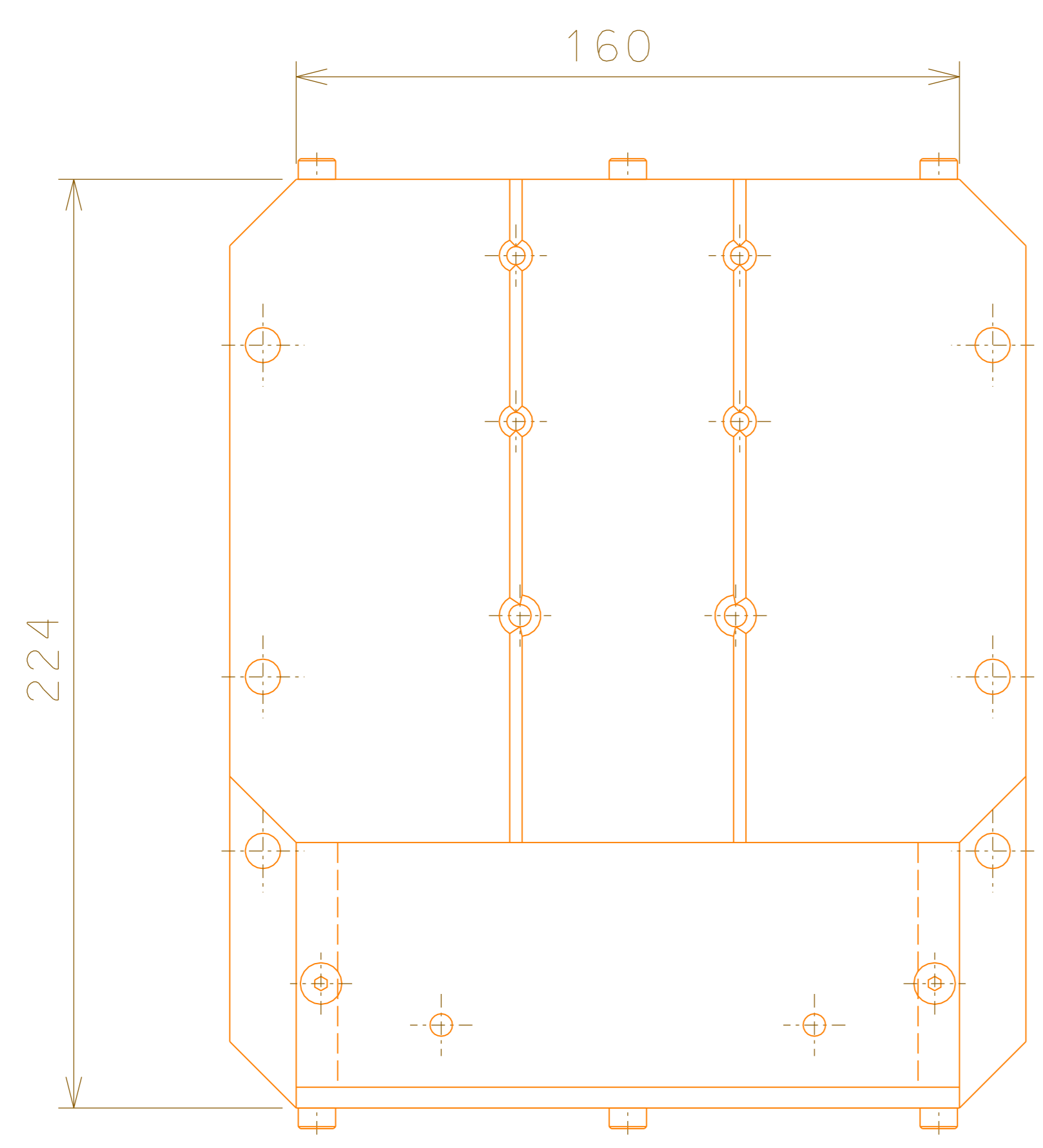
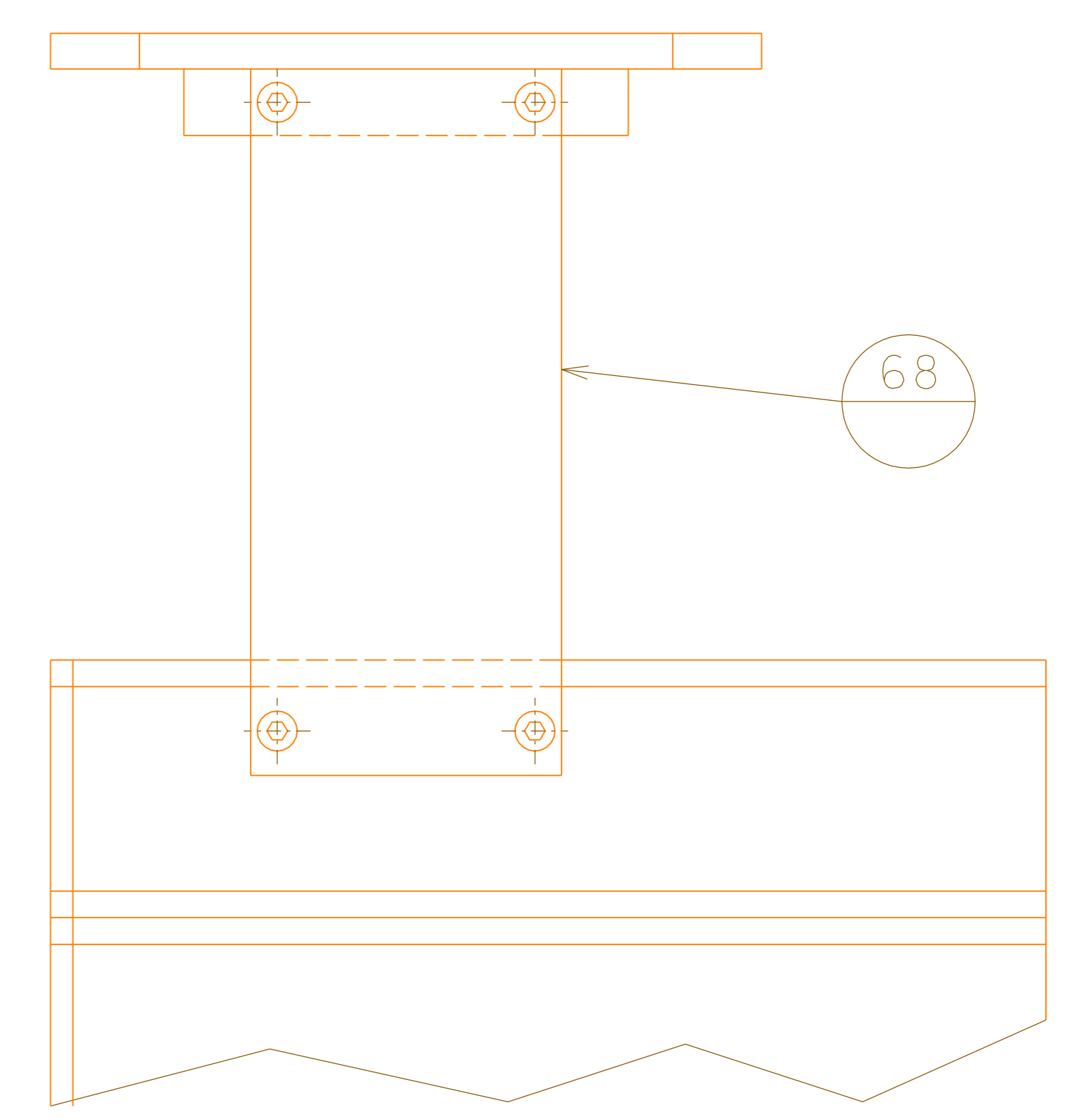
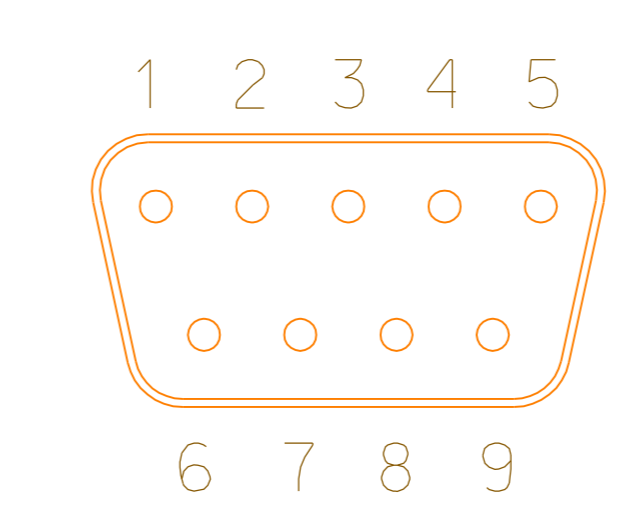


6-6.2-65-65.2	tommy head M5x16	56
6.1-6.2-65.2	countersunk head M5x20	72
5-5.1	countersunk head M5x20	16
6-65	washer d=8	16
6-65	nut M8	16
6-65	tommy head M8x20	16
5-6.2-68	tommy head M5x12	32
4-5	tommy head M6x20	16
1-65.1	tommy head M6x20	16
detail	type	n° piec.
Screw's table		



view A-A



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

Connection convention:
1: LVDT drive +
6: LVDT drive -
2: LVDT sense +
7: LVDT sense -
3-4: act. coil +
8-9: act. coil -
5: shields

Assembly procedure

- 1) Mount all parts (magnet assembly of 3.2 and inner coil of 3.1) on part 5
- 2) Mount temporary spacers 68 on part 5
- 3) Mount box 6 on spacers 68 using 4 mm temporary shims below part 124 and 281
- 4) Slide in place coils of 3.2 and 3.1 and bolt down
- 5) Verify vertical alignment and cable up 9 pin connector
- 6) Bolt plate 5 under part 4 of spring box and pull up using screws
- 7) Choose shims between box 6 (part 65.1) and base (part 1)
- 8) Fit loosely screws between 65.1 and 1
- 9) Release part 68
- 10) Tighten screws

	added assembly procedure	05-11-06	
	added dimensions	26-09-06	
	modified part 68	26-09-06	
	modified address gr. 3.1	25-09-06	
ref.	note	date	signature

modifications			
65.1	129	base	
65	129	side base	gr.3.2 111 actuator
6.3	130	lateral cover	gr.3.1 230 LVDT
6.2	130	lateral cover	72 eliminated
6.1	130	sensor/act. base plate	68 129 transport plate
6	130	little sensor plate	65.4 129 spacer shim
5.1	130	fixing sensor plate	65.3 129 lateral cover
5	130	sensor/act. plate	65.2 129 lateral cover
ref.	draw.	added legend	ref. draw. added legend

	LIGO PROJECT	designed for R.De Salvo
	title HAM-OPTICAL BENCH LVDT-ACTUATOR GR.3	draw. by G.Gennaro-PROMECC
		date 26-12-04
		LIGO-D051105-07-D
		scale 1/2.5
		A 2