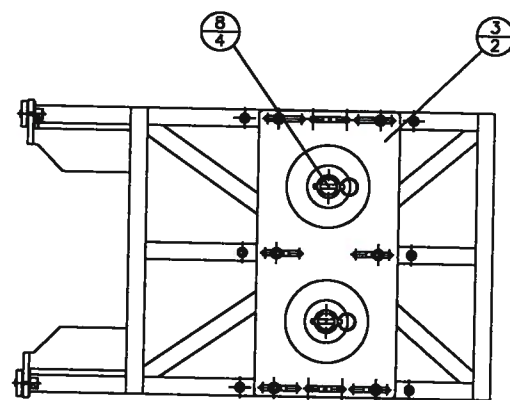
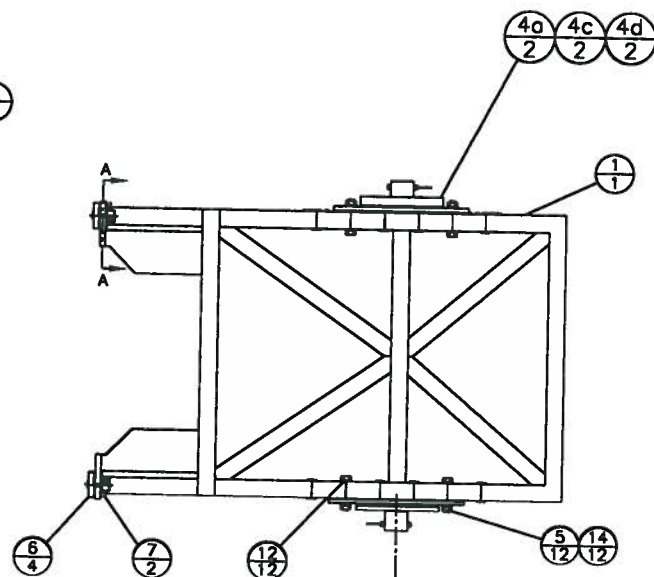
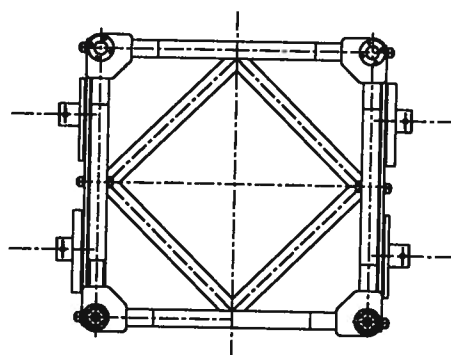
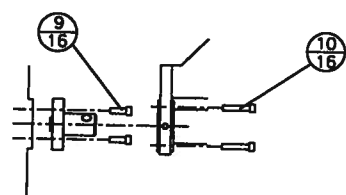


Typ. ISS/Support structure fastener detail x2



a,c,d refer to 50,12.5, and 6.25Kg weights respectively, drawing 4005 sheets 1 to 4.

Mass Table

Item	Description	Drawing/Description	Qty.	Mass/item	Mass
1	Ballast weight support structure	89-GP-1000-4002	1	578	578
2	Hardened insert	89-GP-1000-4003	3	negligible	0
3	Ballast weight baseplate	89-GP-1000-4004	2	81.3	162.6
4a	Ballast weight (50 Kg.)	89-GP-1000-4005	2	50.0	100.0
b	Ballast weight (25 Kg.)				
c	Ballast weight (12.5 Kg.)		2	12.5	25.0
d	Ballast weight (6.25 Kg.)		2	6.25	12.5
5	Baseplate washer	89-GP-1000-4006	12	0.07	0.84
6	ISS locating pin	89-GP-1000-4007	4	2.8	11.2
7	Support structure retaining pin	ø19 x 50 grip SS self locking pins	2	0.11	0.22
8	Ballast weight retaining pin	ø19 x 100 grip SS self locking pins	4	negligible	0
9	ISS locating pin cap screws	M12 x 35	16	0.03	0.48
10	Support structure cap screws	M12 x 60	16	0.054	0.86
11	Support structure set screw	M12 x 30 flat point	1	0.026	0.026
12	Baseplate mounting bolts	M24 x 170, 40 threaded	12	0.6	7.2
13	Ballast weight cap screws	M12 x 50	6	0.05	.30
14	Baseplate Nuts	M12	12	negligible	0
Total mass					899.226

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