

Table 1. HSTS Machined Parts Quantities

aLIGO E1000243-v3

Item #	Part #	Rev	Description	LLO Quantity	LHO Quantity	Total Quantity	Inspection Criteria
1	D020116	v2	UPPER BLADE CLAMP UPPER SIDE 0.0 DEG.	20	40	60	Level 3
2	D020119	v2	LOWER BLADE CLAMP, UPPER SIDE	39	78	117	Level 3
3	D020132	v2	LOWER BLADE WIRE CLAMP	64	128	192	Level 3
4	D020134	v1	MAIN SECTION UPPER MASS	9	18	27	Level 4
5	D020136	v1	T-SECTION FOR UPPER MASS	9	18	27	Level 4
6	D020137	v1	PITCH INSERT FOR T-SECTION	9	18	27	Level 4
7	D020198	v1	UPPER BLADE WIRE CLAMP	32	64	96	Level 3
8	D020199	v1	MAGNET-FLAG BASE (SHORT), UPPER MASS	20	40	60	Level 4
9	D020202	v1	LOWER WIRE CLAMP MOUNT	32	64	96	Level 3
10	D020203	v1	LOWER WIRE CLAMP, HSTS	64	128	192	Level 3
11	D020211	v1	MAGNET HOLDER BRACE	39	78	117	Level 4
12	D020234	v2	METAL LOWER MASS (MC), HSTS	4	8	12	Level 4
13	D020239	v1	HSTS COILHOLDER (TABLECLOTH)	9	18	27	Level 4
14	D020308	v2	LOWER BLADE CLAMP, LOWER SIDE	39	78	117	Level 3
15	D020312	v2	UPPER BLADE CLAMP, UPPER SIDE, ANGLED 2.0 DEG.	12	24	36	Level 3
16	D020313	v2	LOWER BLADE CLAMP, LOWER SIDE, ANGLED 2.0 DEG.	24	48	72	Level 3
17	D020314	v2	LOWER BLADE CLAMP, UPPER SIDE, ANGLED 2.0 DEG.	24	48	72	Level 3
18	D020325	v2	UPPER BLADE CLAMP, UPPER SIDE, ANGLED 0.5 DEG.	12	24	36	Level 3
19	D020326	v2	UPPER BLADE CLAMP, UPPER SIDE, ANGLED 1.0 DEG.	12	24	36	Level 3
20	D020327	v2	UPPER BLADE CLAMP, UPPER SIDE, ANGLED 1.5 DEG.	12	24	36	Level 3
21	D020328	v2	UPPER BLADE CLAMP, UPPER SIDE, ANGLED 2.5 DEG.	12	24	36	Level 3
22	D020333	v2	LOWER BLADE CLAMP, LOWER SIDE, ANGLED 0.5 DEG.	24	48	72	Level 3
23	D020334	v2	LOWER BLADE CLAMP, LOWER SIDE, ANGLED 1.0 DEG.	24	48	72	Level 3
24	D020335	v2	LOWER BLADE CLAMP, LOWER SIDE, ANGLED 1.5 DEG.	24	48	72	Level 3
25	D020336	v2	LOWER BLADE CLAMP, LOWER SIDE, ANGLED 2.5 DEG.	24	48	72	Level 3
26	D020337	v2	LOWER BLADE CLAMP, UPPER SIDE, ANGLED 0.5 DEG.	24	48	72	Level 3
27	D020338	v2	LOWER BLADE CLAMP, UPPER SIDE, ANGLED 1.0 DEG.	24	48	72	Level 3
28	D020339	v2	LOWER BLADE CLAMP, UPPER SIDE, ANGLED 1.5 DEG.	24	48	72	Level 3
29	D020340	v2	LOWER BLADE CLAMP, UPPER SIDE, ANGLED 2.5 DEG.	24	48	72	Level 3
30	D020350	v3	ADD-ON MASS, 100g	20	40	60	Level 4
31	D020351	v2	ADD-ON MASS, 50g	24	48	72	Level 4
32	D020481	v1	UPPER MASS C CLAMP	32	64	96	Level 4
33	D020482	v2	SCREW DRIVE SYSTEM, UPPER MASS	39	78	117	Level 4
34	D020676	v1	ROLL INSERT, T-SECTION	9	18	27	Level 4
35	D020679	v2	UPPER BLADE CLAMP, LOWER SIDE SHIM, 1MM	12	24	36	Level 4
36	D020680	v2	UPPER BLADE CLAMP LOWERSIDE SHIM 2mm	20	40	60	Level 4
37	D020682	v2	LOWER BLADE CLAMP, SHIM, 1MM	24	48	72	Level 4
38	D020689	v2	UPPER BLADE CLAMP, UPPER SIDE, ANGLED 3.0 DEG.	12	24	36	Level 3
39	D020690	v2	UPPER BLADE CLAMP, UPPER SIDE, ANGLED 3.5 DEG.	12	24	36	Level 3
40	D030021	v1	SCREW, SOCKET HEAD CAP, ¼-20 UNC-2A X 2.5 LONG, FULLY THREADED, ROUNDED END	154	308	462	Level 4
41	D030044	v1	LOWER BLADE WIRE CLAMP PLATE ANGLED	64	128	192	Level 3
42	D030078	v2	ADD-ON MASS, 20g	24	48	72	Level 4
43	D030447	v2	ROTATING PLATE	18	36	54	Level 4
44	D030448	v2	BASE PLATE	18	36	54	Level 4
45	D030449	v2	PUSH PLATE	18	36	54	Level 4
46	D030450	v2	PULL PLATE	18	36	54	Level 4

47	D030459	v3	RA UPPER BLADE CLAMP LOWER SIDE 0.0 DEGREE	20	40	60	Level 4
48	D030460	v2	RA UPPER BLADE CLAMP LOWER SIDE, ANGLED 0.5 DEG.	12	24	36	Level 3
49	D030461	v2	RA UPPER BLADE CLAMP LOWER SIDE, ANGLED 1.0 DEG.	12	24	36	Level 3
50	D030462	v2	RA UPPER BLADE CLAMP LOWER SIDE, ANGLED 1.5 DEG.	12	24	36	Level 3
51	D030463	v2	RA UPPER BLADE CLAMP LOWER SIDE, ANGLED 2.0 DEG.	12	24	36	Level 3
52	D030464	v2	RA UPPER BLADE CLAMP LOWER SIDE, ANGLED 2.5 DEG.	12	24	36	Level 3
53	D030465	v2	RA UPPER BLADE CLAMP LOWER SIDE, ANGLED 3.0 DEG.	12	24	36	Level 3
54	D030466	v2	RA UPPER BLADE CLAMP LOWER SIDE, ANGLED 3.5 DEG.	12	24	36	Level 3
55	D0900906	v1	EARTHQUAKE STOP ADJUSTER AND MOUNT, 2 INCH	154	308	462	Level 4
56	D0900999	v2	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 2 LONG, FULLY THREADED, ROUNDED END	39	78	117	Level 4
57	D0901278	v1	HSTS SECONDARY METAL PRISM	40	80	120	Level 3
58	D0901548	v2	AOSEM ADJUSTMENT COLLAR	77	154	231	Level 4
59	D0901790	v1	PRIMARY METAL BREAKOFF PRISM, HSTS	20	40	60	Level 4
60	D0901792	v2	INTERMEDIATE MASS, HSTS	9	18	27	Level 4
61	D0901903	v1	INTERMEDIATE WIRE CLAMP, OUTSIDE, HSTS	64	128	192	Level 3
62	D0901904	v1	INTERMEDIATE WIRE CLAMP MOUNT (LOWER), HSTS	64	128	192	Level 3
63	D0901922	v1	FACE EQ STOP BRACKET, HSTS LOWER MASS	18	36	54	Level 4
64	D0901923	v1	HSTS FACE EQ STOP BASE	36	72	108	Level 4
65	D0901925	v1	BARREL EQ STOP CROSSBAR, INT. WIRE	18	36	54	Level 4
66	D0901935	v1	BLADE GUARD CROSSBEAM	18	36	54	Level 4
67	D0901936	v1	BLADE GUARD RISER, HSTS	36	72	108	Level 4
68	D0901994	v1	UPPER BLADE WIRE CLAMP, OUTSIDE, ANGLED	32	64	96	Level 3
69	D0901998	v1	UPPER MASS WIRE CLAMP, OUTSIDE, ANGLED	32	64	96	Level 3
70	D0901999	v1	UPPER MASS WIRE CLAMP, INSIDE, ANGLED	32	64	96	Level 3
71	D0902008	v1	BARREL EQ STOP BRACKET	141	282	423	Level 4
72	D0902009	v1	BARREL EQ STOP BASE	141	282	423	Level 4
73	D0902030	v1	BLADE GUARD, UPPER MASS	18	36	54	Level 4
74	D0902202	v1	BARREL EQ STOP CROSSBAR, LOWER WIRE	53	106	159	Level 4
75	D0902204	v1	FACE EQ STOP BRACKET, HSTS INTER. MASS	18	36	54	Level 4
76	D0902206	v1	AOSEM ALIGNMENT BRACKET MOUNT, INT. MASS	36	72	108	Level 4
77	D0902332	v2	METAL LOWER MASS (PR/SR), HSTS	5	10	15	Level 4
78	D0902414	v1	AOSEM ALIGNMENT BRACKET, INTER. MASS	36	72	108	Level 4
79	D0902415	v1	AOSEM ALIGNMENT BRACKET MOUNT	18	36	54	Level 4
80	D0902416	v1	AOSEM ALIGNMENT BRACKET MOUNT, INT. MASS	18	36	54	Level 4
81	D0902417	v1	AOSEM ALIGNMENT BRACKET	36	72	108	Level 4
82	D0902423	v1	MAGNET HOLDER (LONG), UPPER MASS	58	116	174	Level 4
83	D0902431	v1	MAGNET STANDOFF, HSTS TEST MASS	48	96	144	Level 4
84	D0902491	v1	MAGNET FLAG, HSTS UPPER MASS	96	192	288	Level 3
85	D0902493	v1	MAGNET/FLAG ASSY BASE PLATE, UPPER MASS	68	136	204	Level 4
86	D0902494	v2	MAGNET HOLDER (SHORT), UPPER MASS	32	64	96	Level 3
87	D1000659	v1	ADJUSTER SHAFT	154	308	462	Level 4
88	D1000660	v1	ADJUSTMENT NUT	154	308	462	Level 4
89	D1001534	v1	MAGNETIC PLUG	192	384	576	Level 3
90	D1001656	v1	LOCKING ASSEMBLY, BLADE GUARD	36	72	108	Level 4
91	D1001686	v1	REPLACEMENT WEIGHT, UPPER MASS, HSTS	18	36	54	Level 4
92	D970075	v1	DUMBBELL STANDOFF	48	96	144	Level 4