

number of nominal s = 105

number measured = 105

Locations in half period coordinate system

xmeas	ymeas	zmeas	xnsrt	ynsrt	znsrt
10.039	1.671	-12.429	10.040	1.676	-12.428
13.793	9.462	-8.109	13.791	9.458	-8.105
15.012	37.379	-24.274	15.013	37.381	-24.281
22.813	44.427	-20.290	22.814	44.430	-20.298
21.521	45.689	-8.804	21.512	45.685	-8.815
24.556	43.344	-14.794	24.554	43.340	-14.797
24.986	48.685	-8.079	24.980	48.682	-8.083
27.872	50.690	-11.117	27.868	50.687	-11.123
19.192	37.843	-23.208	19.194	37.847	-23.214
28.325	47.067	-22.671	28.321	47.061	-22.673
41.475	47.958	-24.788	41.472	47.955	-24.790
37.903	47.496	-32.949	37.901	47.498	-32.955
27.287	42.463	-45.525	27.290	42.464	-45.529
42.976	46.685	-34.951	42.970	46.681	-34.955
55.882	52.003	-11.165	55.877	52.000	-11.167
56.463	50.666	-5.540	56.457	50.664	-5.542
15.058	34.553	-13.787	15.057	34.559	-13.797
16.202	34.692	-12.516	16.199	34.692	-12.512
10.405	26.734	-16.293	10.402	26.737	-16.302
26.958	-43.160	-5.054	26.954	-43.167	-5.064
22.648	-29.157	-20.162	22.643	-29.151	-20.168
15.155	-37.013	-24.495	15.148	-37.004	-24.505
18.729	-36.731	-0.920	18.715	-36.746	-0.922
17.450	-22.546	-15.793	17.444	-22.543	-15.800
10.238	-25.781	-15.998	10.234	-25.773	-16.012
25.808	-42.477	-10.327	25.807	-42.483	-10.338
28.263	47.764	-4.944	28.256	47.759	-4.945
29.747	50.957	-0.941	29.739	50.954	-0.941
20.665	41.073	-0.937	20.657	41.071	-0.937
33.069	38.554	-55.535	33.071	38.553	-55.539
50.761	41.635	-43.737	50.760	41.635	-43.746
55.993	52.611	-21.328	55.990	52.606	-21.327
56.732	52.850	-19.644	56.725	52.846	-19.647
27.611	-33.750	-16.473	27.612	-33.753	-16.477
44.995	52.171	-1.088	44.989	52.167	-1.090
56.462	50.667	-5.542	56.457	50.664	-5.542
55.881	52.003	-11.168	55.877	52.000	-11.167
56.729	52.848	-19.646	56.725	52.846	-19.647
55.990	52.611	-21.330	55.990	52.606	-21.327
41.473	47.956	-24.791	41.472	47.955	-24.790
28.324	47.066	-22.674	28.321	47.061	-22.673
37.902	47.495	-32.952	37.901	47.498	-32.955
42.975	46.684	-34.954	42.970	46.681	-34.955
27.287	42.462	-45.528	27.290	42.464	-45.529
29.639	42.726	-36.096	29.643	42.728	-36.097
35.230	39.499	-39.465	35.234	39.500	-39.465
68.073	18.735	-58.267	68.074	18.736	-58.273
67.205	23.002	-55.257	67.201	23.000	-55.262
67.408	31.918	-41.475	67.405	31.918	-41.475
79.704	38.152	-29.955	79.702	38.149	-29.952
89.301	26.547	-33.448	89.299	26.546	-33.443
88.253	29.452	-31.115	88.252	29.455	-31.115
80.568	38.322	-28.319	80.565	38.322	-28.320
85.999	33.248	-22.076	85.999	33.250	-22.075
85.759	36.818	-15.188	85.758	36.820	-15.186
90.411	34.728	-7.422	90.410	34.731	-7.422
97.398	32.178	-0.937	97.397	32.180	-0.935
94.476	19.726	-25.750	94.476	19.730	-25.749
102.182	14.459	-9.867	102.179	14.463	-9.866

A2B2C2, final  
measurements  
after fill weld. .020"  
is acceptance  
threshold for ds.  
105  
measurements,  
one nonconforming  
point [.021"]

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94.405	14.925	-26.148	94.402	14.930	-26.146
88.620	-0.935	-41.502	88.620	-0.934	-41.505
102.582	-0.142	-20.503	102.582	-0.140	-20.503
100.518	-19.405	-19.096	100.520	-19.403	-19.098
84.749	-12.474	-47.371	84.747	-12.472	-47.377
57.565	17.847	-62.279	57.565	17.848	-62.283
45.244	17.745	-76.651	45.240	17.745	-76.652
49.086	16.802	-69.511	49.084	16.802	-69.514
77.552	12.256	-48.104	77.552	12.257	-48.106
53.439	-0.409	-68.711	53.441	-0.406	-68.710
45.861	-15.165	-77.701	45.866	-15.164	-77.705
47.074	-23.081	-67.134	47.076	-23.079	-67.131
70.097	-20.026	-59.980	70.100	-20.021	-59.972
97.235	-32.416	-0.939	97.238	-32.415	-0.943
67.014	-28.019	-48.548	67.014	-28.018	-48.556
45.860	-15.162	-77.704	45.866	-15.164	-77.705
70.093	-20.025	-59.979	70.100	-20.021	-59.972
67.013	-28.019	-48.547	67.014	-28.018	-48.556
93.053	-27.632	-32.867	93.055	-27.630	-32.870
79.005	-33.352	-31.845	79.000	-33.351	-31.849
100.519	-19.404	-19.098	100.520	-19.403	-19.098
60.174	-41.882	-34.528	60.171	-41.880	-34.533
52.693	-42.126	-45.364	52.694	-42.122	-45.362
65.299	-49.391	-22.767	65.299	-49.387	-22.773
64.574	-49.018	-24.431	64.569	-49.015	-24.434
56.905	-40.249	-46.610	56.902	-40.246	-46.614
56.075	-48.615	-16.320	56.077	-48.613	-16.326
36.870	-40.031	-32.089	36.867	-40.028	-32.091
35.047	-39.282	-41.669	35.047	-39.279	-41.671
25.588	-42.851	-42.562	25.586	-42.848	-42.565
33.726	-37.915	-56.672	33.729	-37.914	-56.673
48.710	-35.910	-50.355	48.712	-35.906	-50.353
51.161	-40.753	-36.269	51.157	-40.751	-36.275
26.297	-38.138	-35.390	26.293	-38.134	-35.391
46.530	-53.760	-15.930	46.533	-53.760	-15.938
45.849	-53.369	-17.613	45.845	-53.370	-17.616
45.406	-51.267	-2.081	45.407	-51.271	-2.087
58.361	-50.529	-5.847	58.363	-50.530	-5.851
74.768	-46.299	-2.905	74.769	-46.300	-2.911
61.282	-50.540	-12.885	61.287	-50.542	-12.887
97.238	-32.417	-0.942	97.238	-32.415	-0.943
15.154	-37.012	-24.496	15.148	-37.004	-24.505
27.610	-33.752	-16.473	27.612	-33.753	-16.477
29.731	-50.934	-0.923	29.732	-50.941	-0.932
25.808	-42.479	-10.328	25.807	-42.483	-10.338
28.725	-46.396	-9.439	28.725	-46.402	-9.451

Locations in coordinate system normal to interface

xnomb	ynomb	znomb	xmeasb	ymeasb	zmeasb	del x	del y	del z	del s
15.680	1.676	-3.066	15.680	1.671	-3.068	0.000	-0.005	-0.002	0.005
15.774	9.458	2.656	15.778	9.462	2.654	0.004	0.005	-0.002	0.007
27.108	37.381	-8.950	27.103	37.379	-8.946	-0.006	-0.002	0.004	0.007
30.524	44.430	-0.884	30.518	44.427	-0.880	-0.006	-0.003	0.005	0.009
22.145	45.685	7.075	22.145	45.689	7.089	-0.001	0.005	0.014	0.014
28.321	43.340	4.448	28.321	43.344	4.452	0.000	0.005	0.004	0.006
24.332	48.682	9.865	24.334	48.685	9.872	0.002	0.003	0.007	0.008
28.498	50.687	9.392	28.497	50.690	9.400	-0.001	0.003	0.008	0.008
29.625	37.847	-5.445	29.620	37.843	-5.442	-0.005	-0.004	0.004	0.007
36.269	47.061	0.836	36.271	47.067	0.840	0.002	0.006	0.004	0.008
47.704	47.955	7.668	47.705	47.958	7.671	0.001	0.002	0.003	0.004
50.217	47.498	-0.882	50.215	47.496	-0.877	-0.003	-0.002	0.006	0.006
50.171	42.464	-17.336	50.166	42.463	-17.335	-0.005	-0.002	0.001	0.005
55.386	46.681	0.844	55.388	46.685	0.850	0.002	0.004	0.007	0.008

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49.982	52.000	27.363	49.985	52.003	27.367	0.003	0.003	0.004	0.006
46.810	50.664	32.045	46.814	50.666	32.050	0.004	0.002	0.005	0.007
20.403	34.559	-0.891	20.397	34.553	-0.882	-0.006	-0.006	0.009	0.012
20.452	34.692	0.828	20.457	34.692	0.827	0.005	0.000	-0.001	0.005
18.448	26.737	-5.802	18.444	26.734	-5.793	-0.004	-0.004	0.009	0.011
23.903	-43.167	13.447	23.899	-43.160	13.457	-0.004	0.007	0.010	0.013
30.310	-29.151	-0.895	30.309	-29.157	-0.887	0.000	-0.006	0.008	0.010
27.355	-27.004	-9.035	27.354	-27.013	-9.022	-0.001	-0.009	0.013	0.016
<b>14.929</b>	<b>-36.746</b>	<b>11.323</b>	<b>14.939</b>	<b>-36.731</b>	<b>11.334</b>	<b>0.010</b>	<b>0.015</b>	<b>0.011</b>	<b>0.021</b>
23.519	-22.543	-0.890	23.519	-22.546	-0.881	0.000	-0.002	0.009	0.009
18.132	-25.773	-5.688	18.126	-25.781	-5.674	-0.006	-0.008	0.014	0.017
26.415	-42.483	8.669	26.408	-42.477	8.678	-0.006	0.005	0.009	0.013
24.824	47.759	14.374	24.829	47.764	14.380	0.005	0.004	0.006	0.008
23.387	50.954	18.395	23.393	50.957	18.400	0.006	0.003	0.006	0.009
16.426	41.071	12.561	16.433	41.073	12.566	0.006	0.002	0.005	0.008
61.033	38.553	-21.288	61.030	38.554	-21.286	-0.004	0.000	0.001	0.004
67.004	41.635	-0.883	66.999	41.635	-0.876	-0.005	0.000	0.007	0.009
56.599	52.606	19.652	56.602	52.611	19.654	0.003	0.005	0.001	0.006
56.083	52.846	21.411	56.086	52.850	21.418	0.003	0.004	0.007	0.009
31.744	-33.753	5.127	31.740	-33.750	5.128	-0.004	0.003	0.002	0.005
35.165	52.167	28.083	35.167	52.171	28.089	0.003	0.004	0.006	0.007
46.810	50.664	32.045	46.814	50.667	32.048	0.004	0.003	0.003	0.006
49.982	52.000	27.363	49.986	52.003	27.365	0.004	0.003	0.002	0.005
56.083	52.846	21.411	56.085	52.848	21.415	0.002	0.002	0.004	0.005
56.599	52.606	19.652	56.601	52.611	19.650	0.002	0.005	-0.002	0.005
47.704	47.955	7.668	47.706	47.956	7.667	0.002	0.001	0.000	0.002
36.269	47.061	0.836	36.272	47.066	0.837	0.003	0.005	0.001	0.006
50.217	47.498	-0.882	50.216	47.495	-0.880	-0.002	-0.003	0.002	0.004
55.386	46.681	0.844	55.389	46.684	0.848	0.003	0.003	0.004	0.006
50.171	42.464	-17.336	50.168	42.462	-17.337	-0.003	-0.002	-0.001	0.004
45.910	42.728	-8.597	45.906	42.726	-8.599	-0.004	-0.002	-0.002	0.004
52.359	39.500	-7.584	52.356	39.499	-7.587	-0.003	0.000	-0.002	0.003
89.605	18.736	-0.883	89.601	18.735	-0.879	-0.004	-0.001	0.004	0.006
87.001	23.000	0.863	87.000	23.002	0.870	-0.001	0.002	0.007	0.007
78.295	31.918	11.555	78.298	31.918	11.557	0.003	0.000	0.002	0.004
80.309	38.149	28.287	80.311	38.152	28.286	0.003	0.003	-0.001	0.004
89.903	26.546	31.781	89.908	26.547	31.779	0.005	0.001	-0.002	0.005
87.606	29.455	32.892	87.607	29.452	32.892	0.001	-0.003	0.000	0.003
79.921	38.322	30.092	79.922	38.322	30.095	0.001	0.000	0.003	0.003
80.068	33.250	38.369	80.070	33.248	38.367	0.001	-0.002	-0.001	0.003
75.456	36.820	43.491	75.458	36.818	43.491	0.002	-0.002	-0.001	0.003
74.029	34.731	52.429	74.029	34.728	52.429	0.000	-0.003	0.001	0.003
75.211	32.180	61.889	75.213	32.178	61.889	0.002	-0.002	-0.001	0.003
88.923	19.730	41.003	88.925	19.726	41.002	0.001	-0.005	-0.001	0.005
84.616	14.463	58.122	84.619	14.459	58.123	0.003	-0.004	0.001	0.005
89.123	14.930	40.652	89.126	14.925	40.652	0.003	-0.005	0.000	0.006
94.566	-0.934	25.170	94.564	-0.935	25.171	-0.001	-0.001	0.002	0.002
91.762	-0.140	50.232	91.762	-0.142	50.232	0.000	-0.002	0.000	0.002
89.279	-19.403	49.983	89.276	-19.405	49.983	-0.003	-0.002	0.000	0.004
95.373	-12.472	18.182	95.371	-12.474	18.188	-0.003	-0.002	0.006	0.007
84.132	17.848	-10.709	84.130	17.847	-10.706	-0.003	0.000	0.003	0.004
83.927	17.745	-29.639	83.929	17.745	-29.635	0.002	0.000	0.004	0.004
82.283	16.802	-21.700	82.283	16.802	-21.697	0.000	0.000	0.004	0.004
90.330	12.257	12.998	90.329	12.256	13.000	-0.001	0.000	0.002	0.003
85.104	-0.406	-18.284	85.103	-0.409	-18.285	-0.001	-0.002	-0.001	0.003
85.083	-15.164	-30.043	85.076	-15.165	-30.043	-0.007	-0.002	0.000	0.007
79.214	-23.079	-21.165	79.213	-23.081	-21.169	-0.001	-0.002	-0.004	0.004
92.248	-20.021	-0.882	92.252	-20.026	-0.890	0.003	-0.006	-0.008	0.011
75.094	-32.415	61.781	75.090	-32.416	61.782	-0.004	-0.001	0.001	0.004
82.547	-28.018	5.879	82.542	-28.019	5.886	-0.006	-0.001	0.006	0.009
85.083	-15.164	-30.043	85.078	-15.162	-30.047	-0.005	0.002	-0.003	0.006
92.248	-20.021	-0.882	92.248	-20.025	-0.892	0.000	-0.004	-0.010	0.011
82.547	-28.018	5.879	82.540	-28.019	5.886	-0.007	-0.001	0.007	0.010

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92.413	-27.630	34.635	92.409	-27.632	34.636	-0.004	-0.002	0.001	0.004
80.989	-33.351	26.382	80.990	-33.352	26.389	0.001	-0.001	0.006	0.007
89.279	-19.403	49.983	89.278	-19.404	49.982	-0.001	-0.001	-0.001	0.002
68.291	-41.880	12.223	68.290	-41.882	12.229	-0.001	-0.002	0.006	0.006
69.524	-42.122	-0.878	69.524	-42.126	-0.880	0.000	-0.005	-0.002	0.005
64.660	-49.387	24.529	64.657	-49.391	24.533	-0.004	-0.004	0.004	0.007
65.169	-49.015	22.787	65.171	-49.018	22.792	0.002	-0.003	0.005	0.006
73.552	-40.246	0.867	73.552	-40.249	0.872	0.000	-0.002	0.005	0.005
53.451	-48.613	23.539	53.446	-48.615	23.542	-0.005	-0.001	0.002	0.006
48.869	-40.028	-0.885	48.870	-40.031	-0.882	0.001	-0.004	0.003	0.005
53.633	-39.279	-9.394	53.632	-39.282	-9.392	-0.001	-0.003	0.002	0.003
46.960	-42.848	-16.160	46.960	-42.851	-16.156	-0.001	-0.003	0.004	0.005
62.267	-37.914	-21.734	62.264	-37.915	-21.735	-0.003	-0.001	-0.001	0.003
69.682	-35.906	-7.261	69.682	-35.910	-7.264	0.000	-0.005	-0.003	0.006
62.506	-40.751	5.095	62.504	-40.753	5.102	-0.001	-0.002	0.008	0.008
42.891	-38.134	-10.211	42.893	-38.138	-10.207	0.002	-0.004	0.004	0.006
45.891	-53.760	17.702	45.884	-53.760	17.706	-0.007	0.000	0.004	0.008
46.443	-53.370	15.974	46.444	-53.369	15.978	0.001	0.001	0.004	0.005
36.126	-51.271	27.589	36.121	-51.267	27.592	-0.005	0.003	0.003	0.007
48.470	-50.530	33.033	48.466	-50.529	33.035	-0.004	0.001	0.002	0.005
59.148	-46.300	45.830	59.143	-46.299	45.835	-0.005	0.001	0.005	0.007
55.232	-50.542	29.523	55.227	-50.540	29.520	-0.005	0.002	-0.002	0.006
75.094	-32.415	61.781	75.095	-32.417	61.782	0.000	-0.002	0.001	0.002
27.355	-37.004	-9.035	27.354	-37.012	-9.024	-0.001	-0.008	0.011	0.014
31.744	-33.753	5.127	31.739	-33.752	5.128	-0.004	0.001	0.001	0.004
23.375	-50.941	18.397	23.369	-50.934	18.404	-0.006	0.007	0.007	0.011
26.415	-42.483	8.669	26.409	-42.479	8.677	-0.005	0.003	0.009	0.011
28.080	-46.402	11.225	28.072	-46.396	11.233	-0.007	0.006	0.008	0.013
xavg =	-0.0007	yavg =	-0.0002	zavg =	0.0031	savg =	0.0066		
xstd =	0.0035	ystd =	0.0037	zstd =	0.0042	sstd =	0.0034		