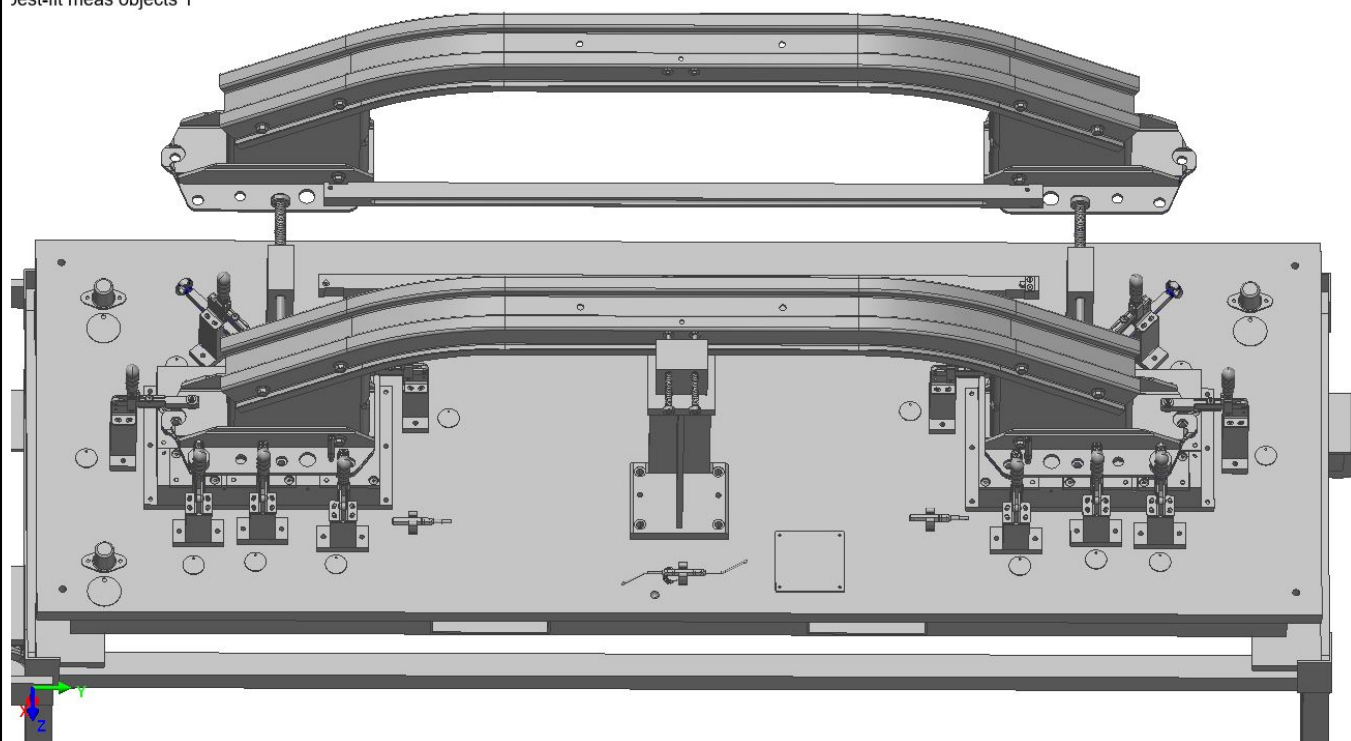


MEASUREMENT REPORT

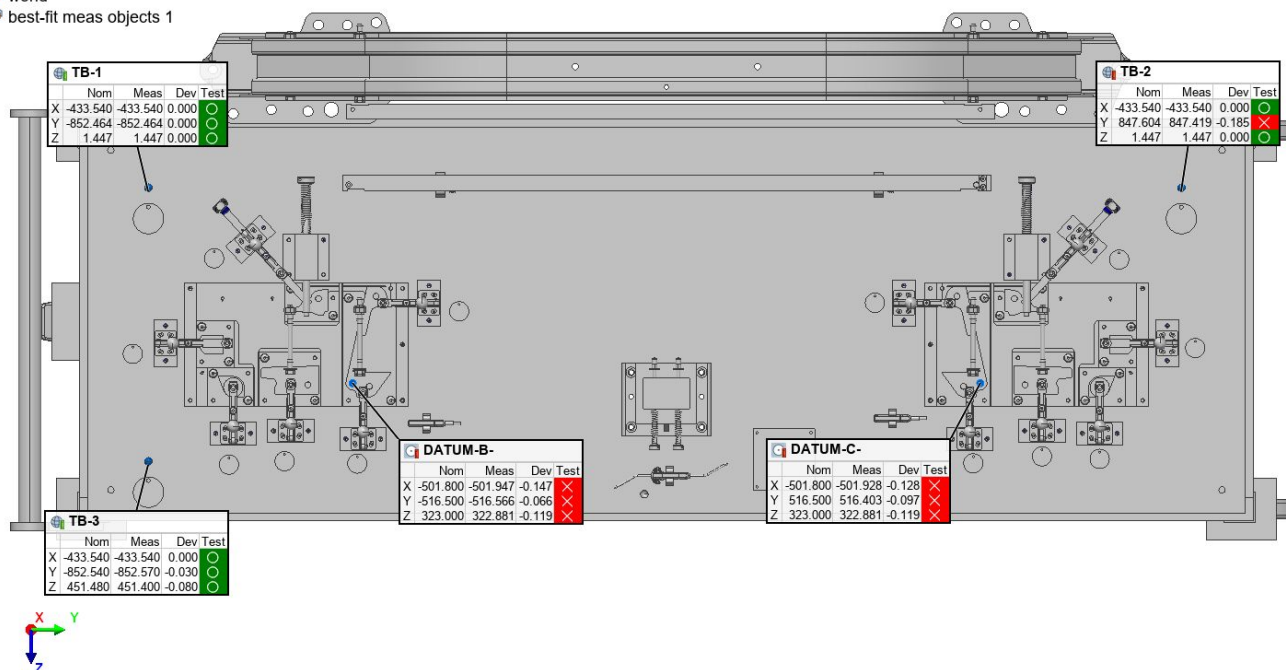
best-fit meas objects 1



Customer: WHITEHALL INDUSTRIES
Operator: Cesar Hernandez
E-mail: cesar.hernandez@mess.com.mx
Workspace: PROGRAM_MARZO
Project: LG4195_71130-3W0A_02 - piece 2

Part name: LG4195
Part number: 71130-3W0A
Drawing : S/R
Device: MESS-BRAA-03

world
best-fit meas objects 1



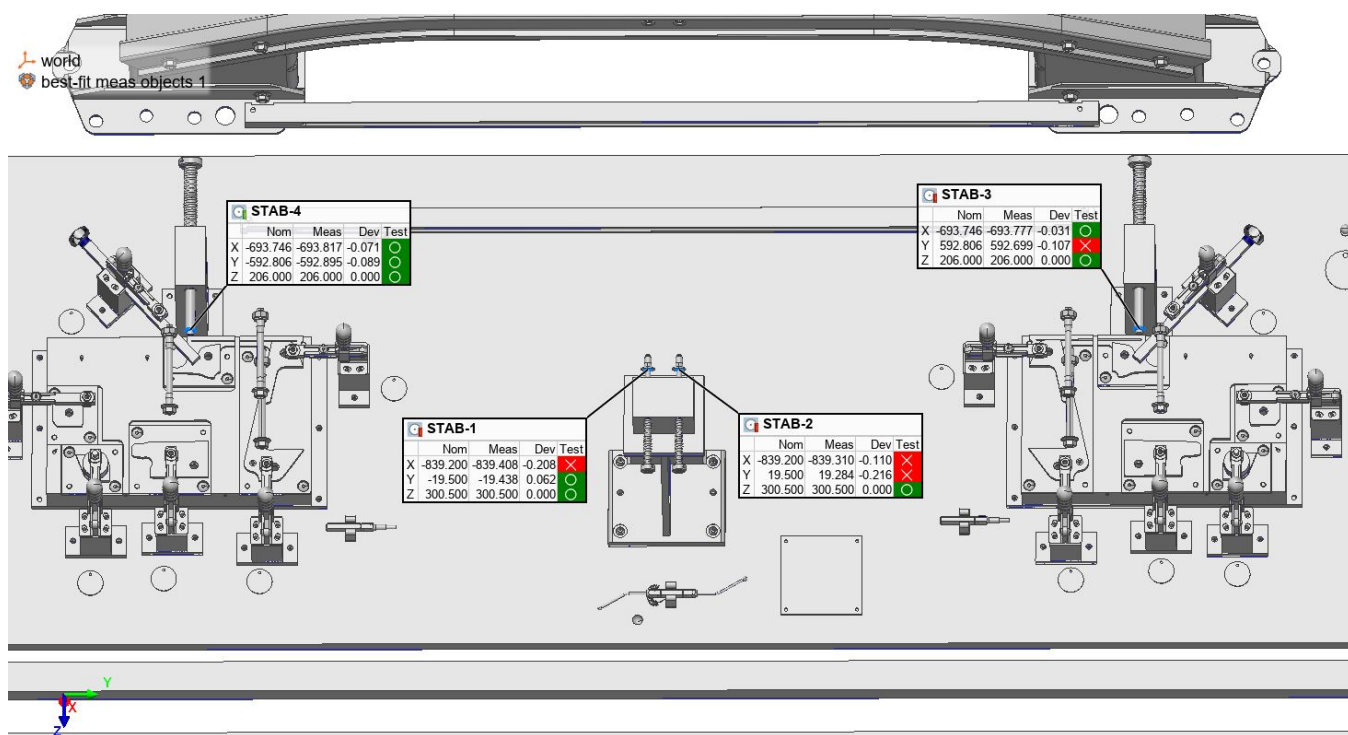
Feature Table

Length Units Millimeters

Name	Control	Nom	Meas	Tol	Dev	Test
TB-1	X	-433.540	-433.540	±0.100	0.000	Pass
	Y	-852.464	-852.464	±0.100	0.000	Pass
	Z	1.447	1.447	±0.100	0.000	Pass
TB-2	X	-433.540	-433.540	±0.100	0.000	Pass
	Y	847.604	847.419	±0.100	-0.185	Fail
	Z	1.447	1.447	±0.100	0.000	Pass
TB-3	X	-433.540	-433.540	±0.100	0.000	Pass
	Y	-852.540	-852.570	±0.100	-0.030	Pass
	Z	451.480	451.400	±0.100	-0.080	Pass
DATUM-B-	X	-501.800	-501.947	±0.050	-0.147	Fail
	Y	-516.500	-516.566	±0.050	-0.066	Fail
	Z	323.000	322.881	±0.050	-0.119	Fail
DATUM-C-	X	-501.800	-501.928	±0.050	-0.128	Fail
	Y	516.500	516.403	±0.050	-0.097	Fail
	Z	323.000	322.881	±0.050	-0.119	Fail

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Part name: LG4195
Part number: 71130-3W0A
Piece: piece 2



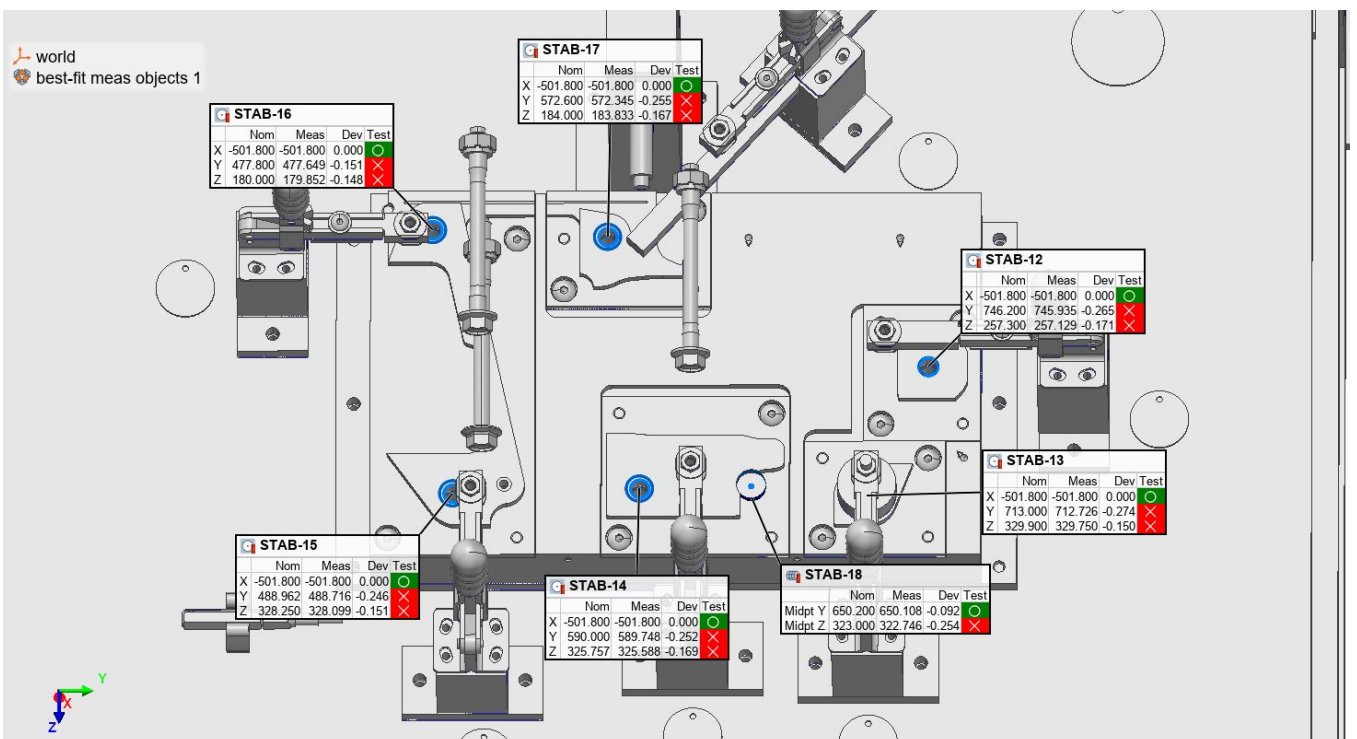
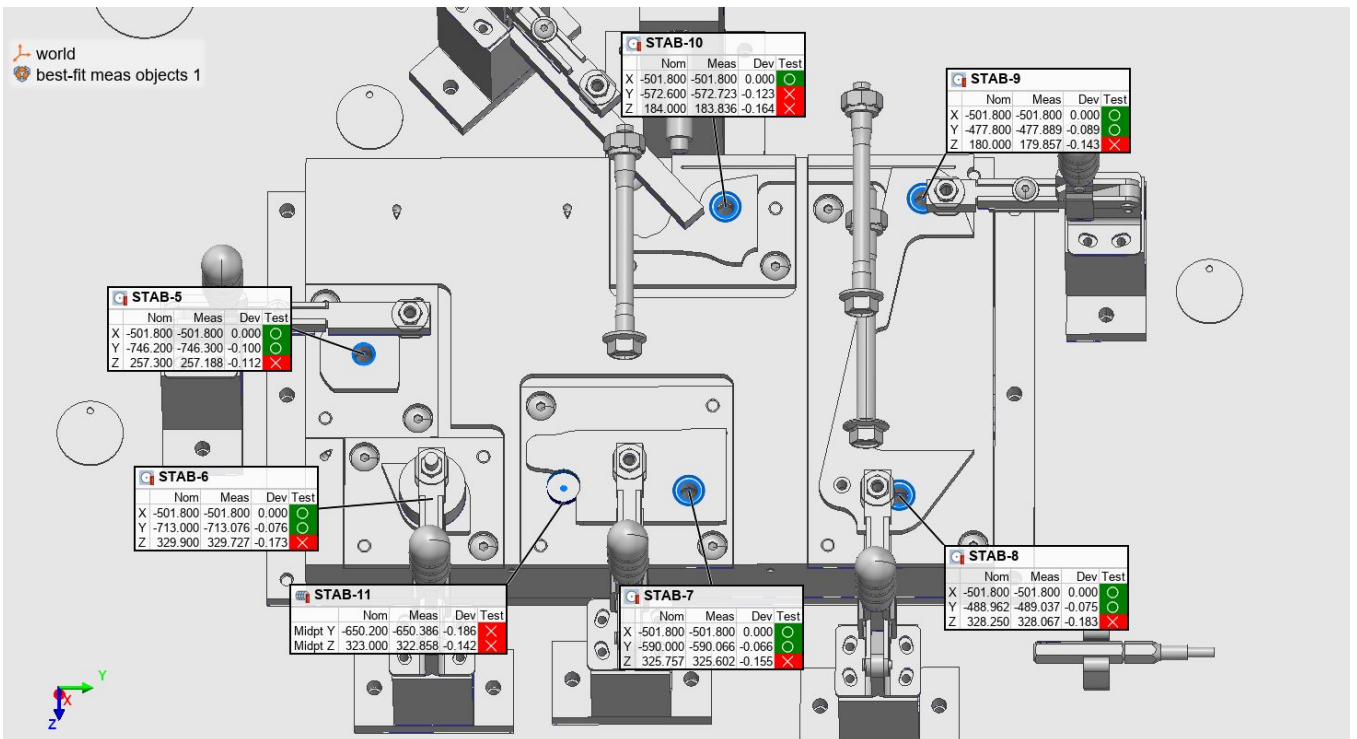
Feature Table

Length Units Millimeters

Name	Control	Nom	Meas	Tol	Dev	Test
STAB-1	X	-839.200	-839.408	±0.100	-0.208	Fail
	Y	-19.500	-19.438	±0.100	0.062	Pass
	Z	300.500	300.500	±0.100	0.000	Pass
STAB-2	X	-839.200	-839.310	±0.100	-0.110	Fail
	Y	19.500	19.284	±0.100	-0.216	Fail
	Z	300.500	300.500	±0.100	0.000	Pass
STAB-3	X	-693.746	-693.777	±0.100	-0.031	Pass
	Y	592.806	592.699	±0.100	-0.107	Fail
	Z	206.000	206.000	±0.100	0.000	Pass
STAB-4	X	-693.746	-693.817	±0.100	-0.071	Pass
	Y	-592.806	-592.895	±0.100	-0.089	Pass
	Z	206.000	206.000	±0.100	0.000	Pass

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Part name: LG4195
 Part number: 71130-3W0A
 Piece: piece 2



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 Operator: Cesar Hernandez
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Part name: LG4195
 Part number: 71130-3W0A
 Piece: piece 2

Feature Table

Length Units Millimeters

Name	Control	Nom	Meas	Tol	Dev	Test
 STAB-5	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	-746.200	-746.300	±0.100	-0.100	Pass
	Z	257.300	257.188	±0.100	-0.112	Fail
 STAB-6	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	-713.000	-713.076	±0.100	-0.076	Pass
	Z	329.900	329.727	±0.100	-0.173	Fail
 STAB-7	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	-590.000	-590.066	±0.100	-0.066	Pass
	Z	325.757	325.602	±0.100	-0.155	Fail
 STAB-8	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	-488.962	-489.037	±0.100	-0.075	Pass
	Z	328.250	328.067	±0.100	-0.183	Fail
 STAB-9	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	-477.800	-477.889	±0.100	-0.089	Pass
	Z	180.000	179.857	±0.100	-0.143	Fail
 STAB-10	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	-572.600	-572.723	±0.100	-0.123	Fail
	Z	184.000	183.836	±0.100	-0.164	Fail
 STAB-11	Midpoint Y	-650.200	-650.386	±0.100	-0.186	Fail
	Midpoint Z	323.000	322.858	±0.100	-0.142	Fail
 STAB-12	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	746.200	745.935	±0.100	-0.265	Fail
	Z	257.300	257.129	±0.100	-0.171	Fail
 STAB-13	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	713.000	712.726	±0.100	-0.274	Fail
	Z	329.900	329.750	±0.100	-0.150	Fail
 STAB-14	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	590.000	589.748	±0.100	-0.252	Fail
	Z	325.757	325.588	±0.100	-0.169	Fail
 STAB-15	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	488.962	488.716	±0.100	-0.246	Fail
	Z	328.250	328.099	±0.100	-0.151	Fail
 STAB-16	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	477.800	477.649	±0.100	-0.151	Fail
	Z	180.000	179.852	±0.100	-0.148	Fail
 STAB-17	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	572.600	572.345	±0.100	-0.255	Fail
	Z	184.000	183.833	±0.100	-0.167	Fail
 STAB-18	Midpoint Y	650.200	650.108	±0.100	-0.092	Pass
	Midpoint Z	323.000	322.746	±0.100	-0.254	Fail

Customer: WHITEHALL INDUSTRIES

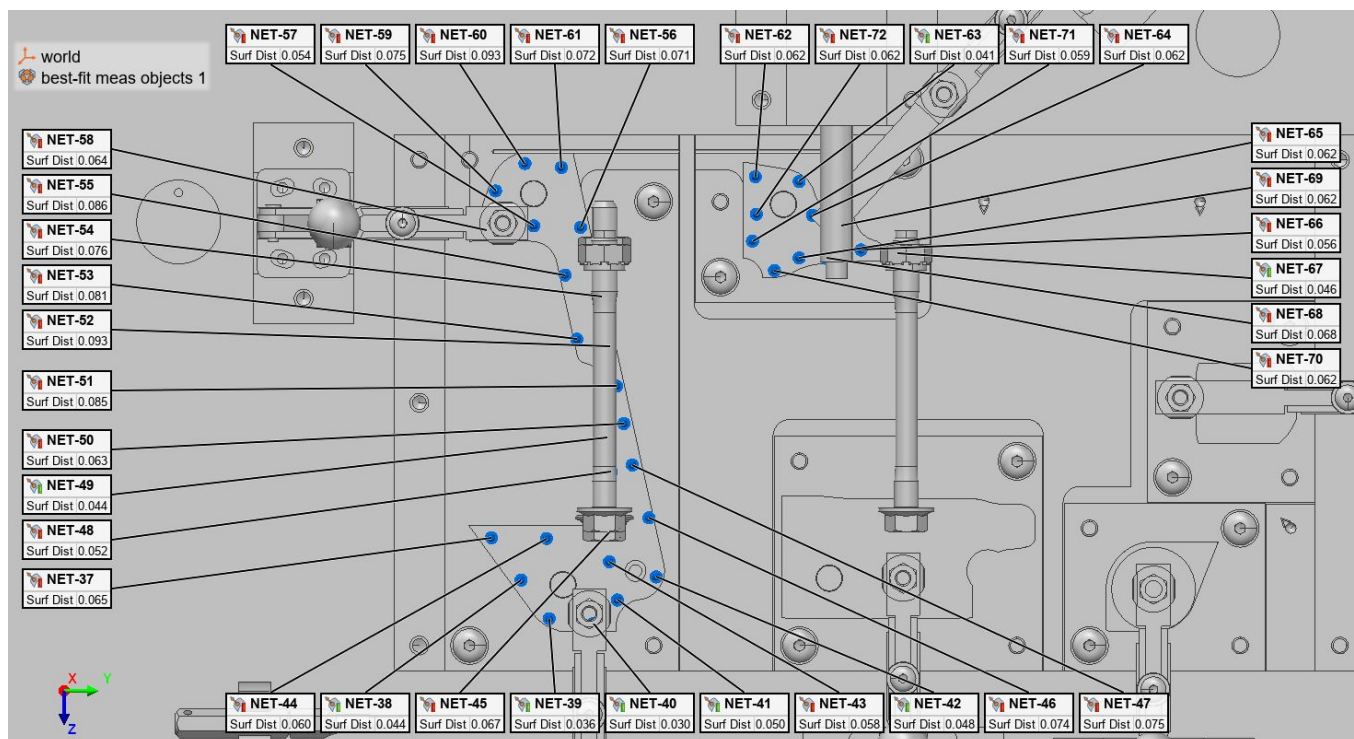
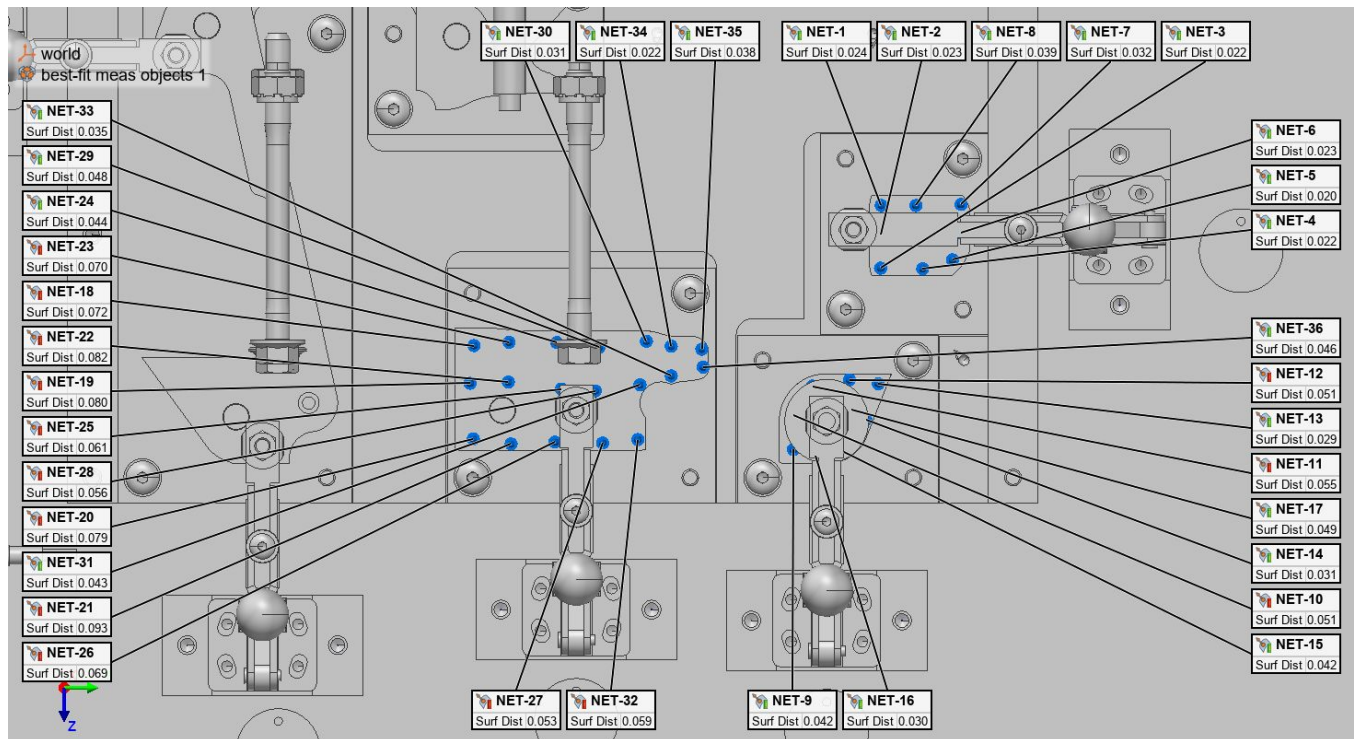
Operator: Cesar Hernandez

E-mail: cesar.hernandez@mess.com.mx

Part name: LG4195

Part number: 71130-3W0A

Piece: piece 2



Customer: WHITEHALL INDUSTRIES
Operator: Cesar Hernandez
E-mail: cesar.hernandez@mess.com.mx

Part name: LG4195
Part number: 71130-3W0A
Piece: piece 2

Comparison Point Table

Units Millimeters

Name	Control	Meas	Tol	Dev	Test
 NET-1	Surface Distance	0.024	±0.050	0.024	Pass
 NET-2	Surface Distance	0.023	±0.050	0.023	Pass
 NET-3	Surface Distance	0.022	±0.050	0.022	Pass
 NET-4	Surface Distance	0.022	±0.050	0.022	Pass
 NET-5	Surface Distance	0.020	±0.050	0.020	Pass
 NET-6	Surface Distance	0.023	±0.050	0.023	Pass
 NET-7	Surface Distance	0.032	±0.050	0.032	Pass
 NET-8	Surface Distance	0.039	±0.050	0.039	Pass
 NET-9	Surface Distance	0.042	±0.050	0.042	Pass
 NET-10	Surface Distance	0.051	±0.050	0.051	Fail
 NET-11	Surface Distance	0.055	±0.050	0.055	Fail
 NET-12	Surface Distance	0.051	±0.050	0.051	Fail
 NET-13	Surface Distance	0.029	±0.050	0.029	Pass
 NET-14	Surface Distance	0.031	±0.050	0.031	Pass
 NET-15	Surface Distance	0.042	±0.050	0.042	Pass
 NET-16	Surface Distance	0.030	±0.050	0.030	Pass
 NET-17	Surface Distance	0.049	±0.050	0.049	Pass
 NET-18	Surface Distance	0.072	±0.050	0.072	Fail
 NET-19	Surface Distance	0.080	±0.050	0.080	Fail
 NET-20	Surface Distance	0.079	±0.050	0.079	Fail
 NET-21	Surface Distance	0.093	±0.050	0.093	Fail
 NET-22	Surface Distance	0.082	±0.050	0.082	Fail
 NET-23	Surface Distance	0.070	±0.050	0.070	Fail
 NET-24	Surface Distance	0.044	±0.050	0.044	Pass
 NET-25	Surface Distance	0.061	±0.050	0.061	Fail
 NET-26	Surface Distance	0.069	±0.050	0.069	Fail
 NET-27	Surface Distance	0.053	±0.050	0.053	Fail
 NET-28	Surface Distance	0.056	±0.050	0.056	Fail
 NET-29	Surface Distance	0.048	±0.050	0.048	Pass
 NET-30	Surface Distance	0.031	±0.050	0.031	Pass
 NET-31	Surface Distance	0.043	±0.050	0.043	Pass
 NET-32	Surface Distance	0.059	±0.050	0.059	Fail
 NET-33	Surface Distance	0.035	±0.050	0.035	Pass
 NET-34	Surface Distance	0.022	±0.050	0.022	Pass
 NET-35	Surface Distance	0.038	±0.050	0.038	Pass
 NET-36	Surface Distance	0.046	±0.050	0.046	Pass
 NET-37	Surface Distance	0.065	±0.050	0.065	Fail
 NET-38	Surface Distance	0.044	±0.050	0.044	Pass
 NET-39	Surface Distance	0.036	±0.050	0.036	Pass
 NET-40	Surface Distance	0.030	±0.050	0.030	Pass
 NET-41	Surface Distance	0.050	±0.050	0.050	Pass

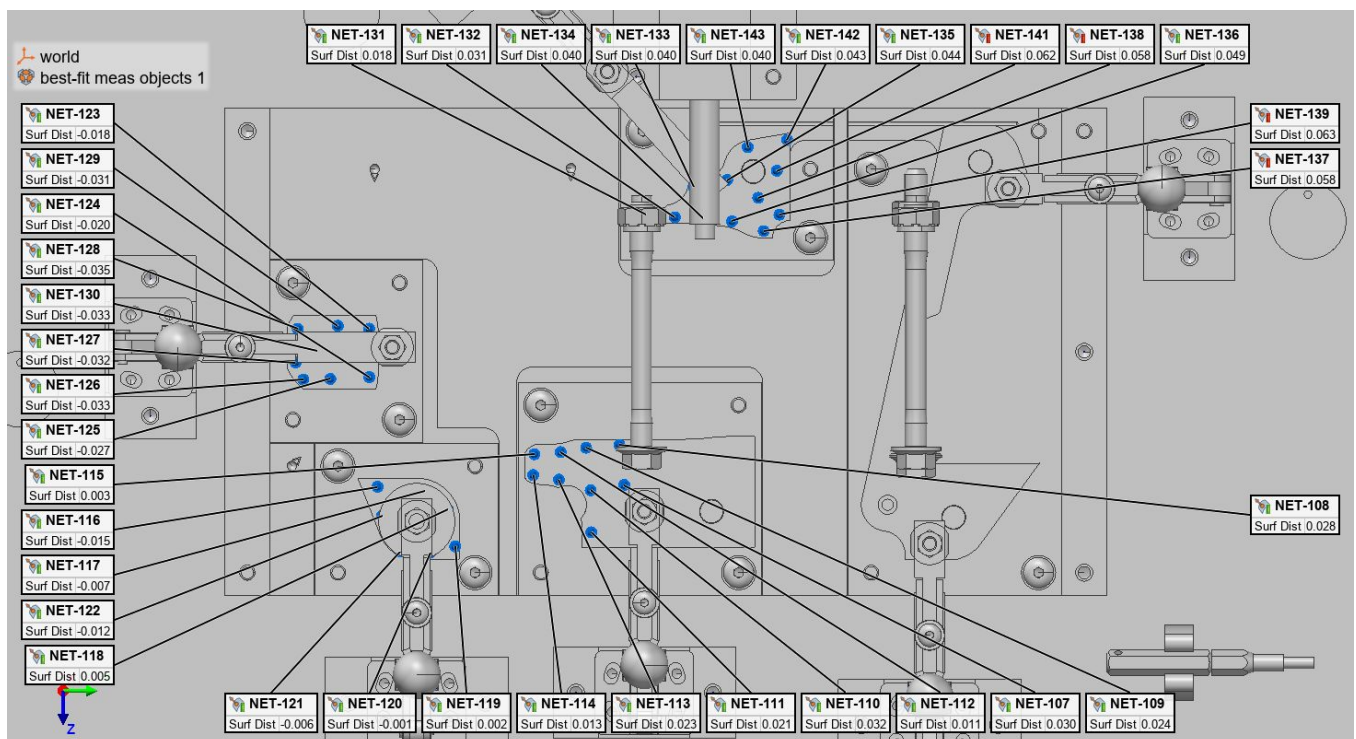
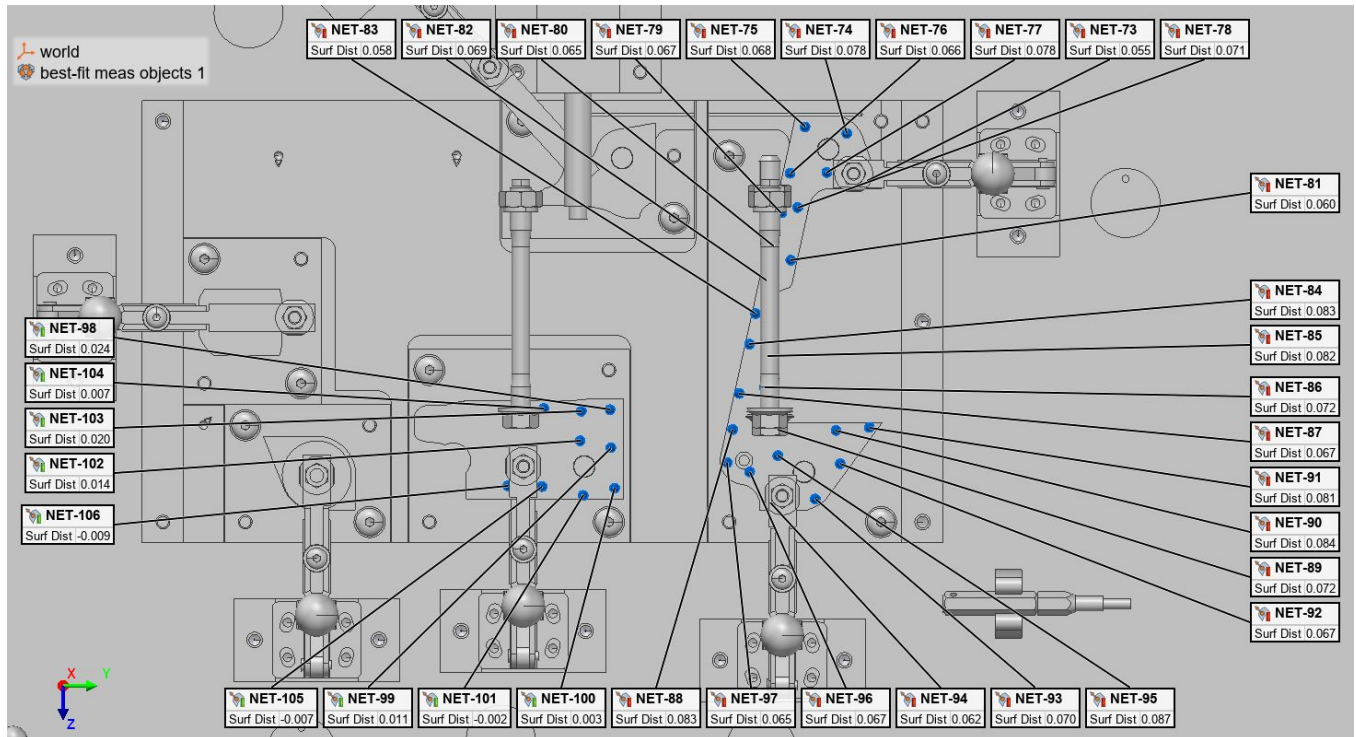
Customer: WHITEHALL INDUSTRIES
Operator: Cesar Hernandez
E-mail: cesar.hernandez@mess.com.mx

Part name: LG4195
Part number: 71130-3W0A
Piece: piece 2

	NET-42	Surface Distance	0.048	±0.050	0.048	Pass
	NET-43	Surface Distance	0.058	±0.050	0.058	Fail
	NET-44	Surface Distance	0.060	±0.050	0.060	Fail
	NET-45	Surface Distance	0.067	±0.050	0.067	Fail
	NET-46	Surface Distance	0.074	±0.050	0.074	Fail
	NET-47	Surface Distance	0.075	±0.050	0.075	Fail
	NET-48	Surface Distance	0.052	±0.050	0.052	Fail
	NET-49	Surface Distance	0.044	±0.050	0.044	Pass
	NET-50	Surface Distance	0.063	±0.050	0.063	Fail
	NET-51	Surface Distance	0.085	±0.050	0.085	Fail
	NET-52	Surface Distance	0.093	±0.050	0.093	Fail
	NET-53	Surface Distance	0.081	±0.050	0.081	Fail
	NET-54	Surface Distance	0.076	±0.050	0.076	Fail
	NET-55	Surface Distance	0.086	±0.050	0.086	Fail
	NET-56	Surface Distance	0.071	±0.050	0.071	Fail
	NET-57	Surface Distance	0.054	±0.050	0.054	Fail
	NET-58	Surface Distance	0.064	±0.050	0.064	Fail
	NET-59	Surface Distance	0.075	±0.050	0.075	Fail
	NET-60	Surface Distance	0.093	±0.050	0.093	Fail
	NET-61	Surface Distance	0.072	±0.050	0.072	Fail
	NET-62	Surface Distance	0.062	±0.050	0.062	Fail
	NET-63	Surface Distance	0.041	±0.050	0.041	Pass
	NET-64	Surface Distance	0.062	±0.050	0.062	Fail
	NET-65	Surface Distance	0.062	±0.050	0.062	Fail
	NET-66	Surface Distance	0.056	±0.050	0.056	Fail
	NET-67	Surface Distance	0.046	±0.050	0.046	Pass
	NET-68	Surface Distance	0.068	±0.050	0.068	Fail
	NET-69	Surface Distance	0.062	±0.050	0.062	Fail
	NET-70	Surface Distance	0.062	±0.050	0.062	Fail
	NET-71	Surface Distance	0.059	±0.050	0.059	Fail
	NET-72	Surface Distance	0.062	±0.050	0.062	Fail

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Part name: LG4195
Part number: 71130-3W0A
Piece: piece 2



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Part name: LG4195
Part number: 71130-3W0A
Piece: piece 2

Comparison Point Table

Units Millimeters

Name	Control	Meas	Tol	Dev	Test
 NET-73	Surface Distance	0.055	±0.050	0.055	Fail
 NET-74	Surface Distance	0.078	±0.050	0.078	Fail
 NET-75	Surface Distance	0.068	±0.050	0.068	Fail
 NET-76	Surface Distance	0.066	±0.050	0.066	Fail
 NET-77	Surface Distance	0.078	±0.050	0.078	Fail
 NET-78	Surface Distance	0.071	±0.050	0.071	Fail
 NET-79	Surface Distance	0.067	±0.050	0.067	Fail
 NET-80	Surface Distance	0.065	±0.050	0.065	Fail
 NET-81	Surface Distance	0.060	±0.050	0.060	Fail
 NET-82	Surface Distance	0.069	±0.050	0.069	Fail
 NET-83	Surface Distance	0.058	±0.050	0.058	Fail
 NET-84	Surface Distance	0.083	±0.050	0.083	Fail
 NET-85	Surface Distance	0.082	±0.050	0.082	Fail
 NET-86	Surface Distance	0.072	±0.050	0.072	Fail
 NET-87	Surface Distance	0.067	±0.050	0.067	Fail
 NET-88	Surface Distance	0.083	±0.050	0.083	Fail
 NET-89	Surface Distance	0.072	±0.050	0.072	Fail
 NET-90	Surface Distance	0.084	±0.050	0.084	Fail
 NET-91	Surface Distance	0.081	±0.050	0.081	Fail
 NET-92	Surface Distance	0.067	±0.050	0.067	Fail
 NET-93	Surface Distance	0.070	±0.050	0.070	Fail
 NET-94	Surface Distance	0.062	±0.050	0.062	Fail
 NET-95	Surface Distance	0.087	±0.050	0.087	Fail
 NET-96	Surface Distance	0.067	±0.050	0.067	Fail
 NET-97	Surface Distance	0.065	±0.050	0.065	Fail
 NET-98	Surface Distance	0.024	±0.050	0.024	Pass
 NET-99	Surface Distance	0.011	±0.050	0.011	Pass
 NET-100	Surface Distance	0.003	±0.050	0.003	Pass
 NET-101	Surface Distance	-0.002	±0.050	-0.002	Pass
 NET-102	Surface Distance	0.014	±0.050	0.014	Pass
 NET-103	Surface Distance	0.020	±0.050	0.020	Pass
 NET-104	Surface Distance	0.007	±0.050	0.007	Pass
 NET-105	Surface Distance	-0.007	±0.050	-0.007	Pass
 NET-106	Surface Distance	-0.009	±0.050	-0.009	Pass
 NET-107	Surface Distance	0.030	±0.050	0.030	Pass
 NET-108	Surface Distance	0.028	±0.050	0.028	Pass
 NET-109	Surface Distance	0.024	±0.050	0.024	Pass
 NET-110	Surface Distance	0.032	±0.050	0.032	Pass
 NET-111	Surface Distance	0.021	±0.050	0.021	Pass
 NET-112	Surface Distance	0.011	±0.050	0.011	Pass
 NET-113	Surface Distance	0.023	±0.050	0.023	Pass
 NET-114	Surface Distance	0.013	±0.050	0.013	Pass

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Part name: LG4195

Part number: 71130-3W0A

Piece: piece 2

	NET-115	Surface Distance	0.003	±0.050	0.003	Pass
	NET-116	Surface Distance	-0.015	±0.050	-0.015	Pass
	NET-117	Surface Distance	-0.007	±0.050	-0.007	Pass
	NET-118	Surface Distance	0.005	±0.050	0.005	Pass
	NET-119	Surface Distance	0.002	±0.050	0.002	Pass
	NET-120	Surface Distance	-0.001	±0.050	-0.001	Pass
	NET-121	Surface Distance	-0.006	±0.050	-0.006	Pass
	NET-122	Surface Distance	-0.012	±0.050	-0.012	Pass
	NET-123	Surface Distance	-0.018	±0.050	-0.018	Pass
	NET-124	Surface Distance	-0.020	±0.050	-0.020	Pass
	NET-125	Surface Distance	-0.027	±0.050	-0.027	Pass
	NET-126	Surface Distance	-0.033	±0.050	-0.033	Pass
	NET-127	Surface Distance	-0.032	±0.050	-0.032	Pass
	NET-128	Surface Distance	-0.035	±0.050	-0.035	Pass
	NET-129	Surface Distance	-0.031	±0.050	-0.031	Pass
	NET-130	Surface Distance	-0.033	±0.050	-0.033	Pass
	NET-131	Surface Distance	0.018	±0.050	0.018	Pass
	NET-132	Surface Distance	0.031	±0.050	0.031	Pass
	NET-133	Surface Distance	0.040	±0.050	0.040	Pass
	NET-134	Surface Distance	0.040	±0.050	0.040	Pass
	NET-135	Surface Distance	0.044	±0.050	0.044	Pass
	NET-136	Surface Distance	0.049	±0.050	0.049	Pass
	NET-137	Surface Distance	0.058	±0.050	0.058	Fail
	NET-138	Surface Distance	0.058	±0.050	0.058	Fail
	NET-139	Surface Distance	0.063	±0.050	0.063	Fail
	NET-141	Surface Distance	0.062	±0.050	0.062	Fail
	NET-142	Surface Distance	0.043	±0.050	0.043	Pass
	NET-143	Surface Distance	0.040	±0.050	0.040	Pass

Feature Table

Length Units Millimeters

Name	Control	Nom	Meas	Tol	Dev	Test
 NET 55 mm	3D Distance	55.000	55.002	±0.050	0.002	Pass
 Dist. 1033 mm	3D Distance	1033.000	1032.874	±0.050	-0.126	Fail

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