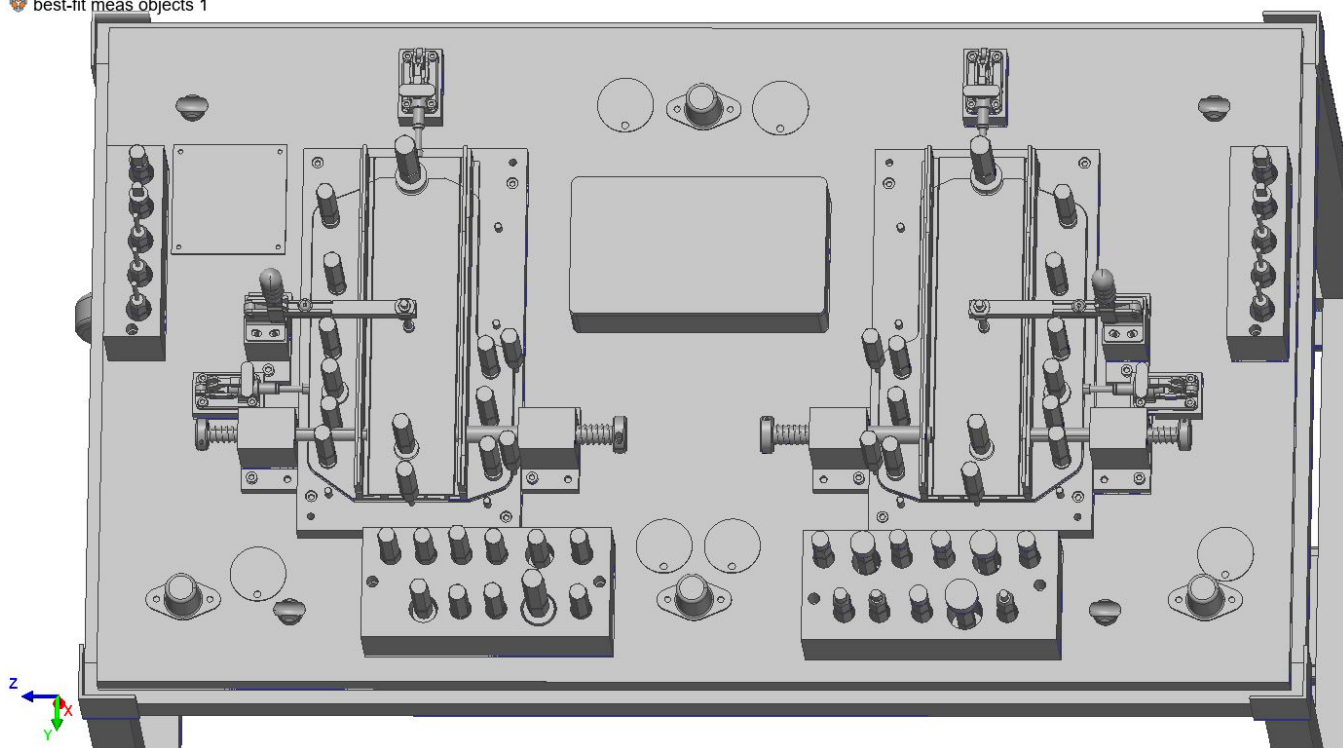


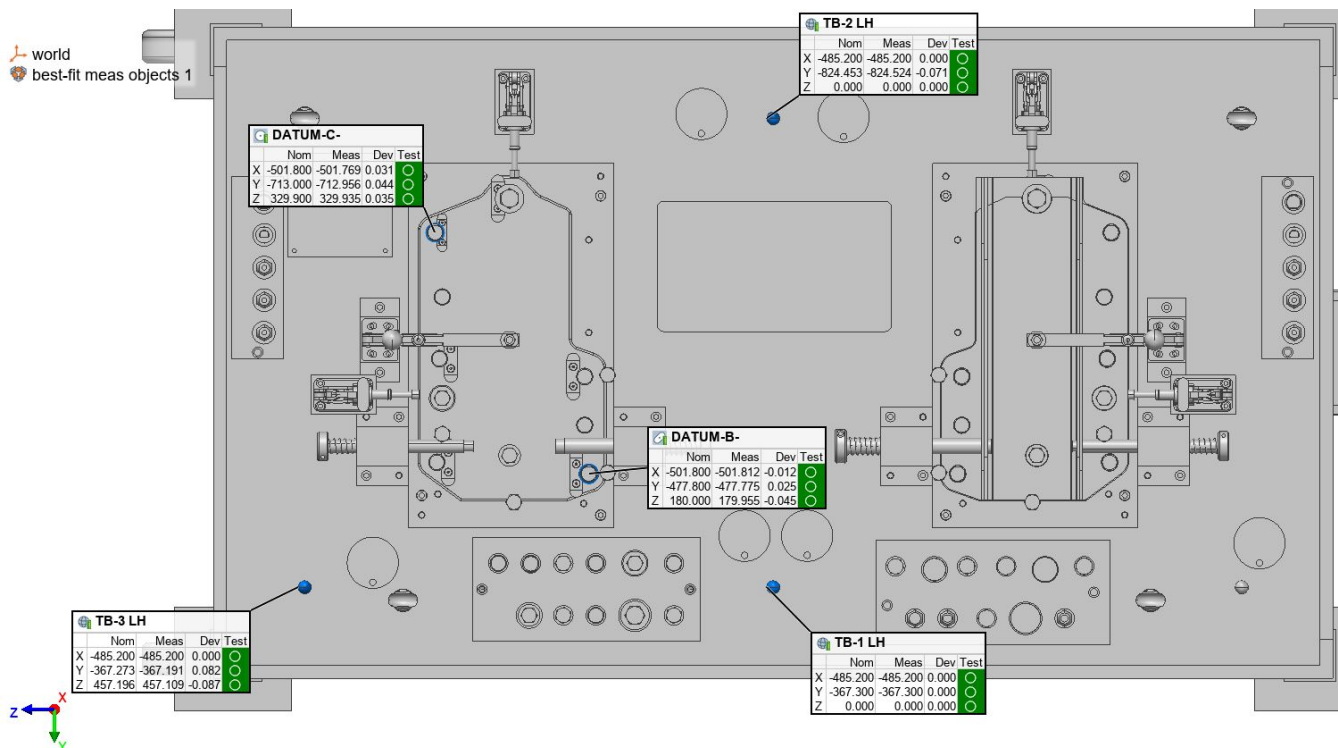
MEASUREMENT REPORT

best-fit meas objects 1



Customer: WHITEHALL INDUSTRIES
Operator: Cesar Hernandez
E-mail: cesar.hernandez@mess.com.mx
Workspace: PROGRAM_MARZO
Project: LG4142_71189-39-T20 - piece 2

Part name: LG4192-LH
Part number: 71189-39-T20
Drawing : S/R
Device: MESS-BRAA-03



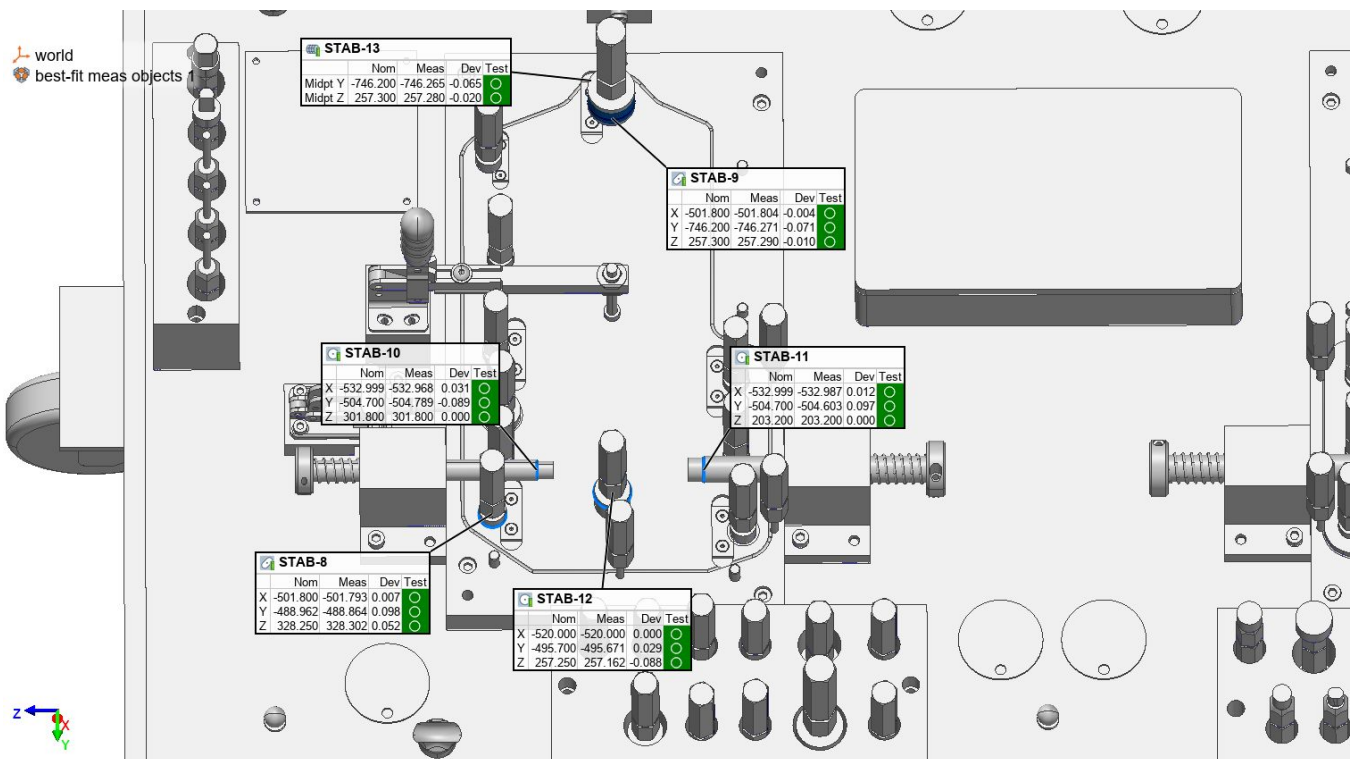
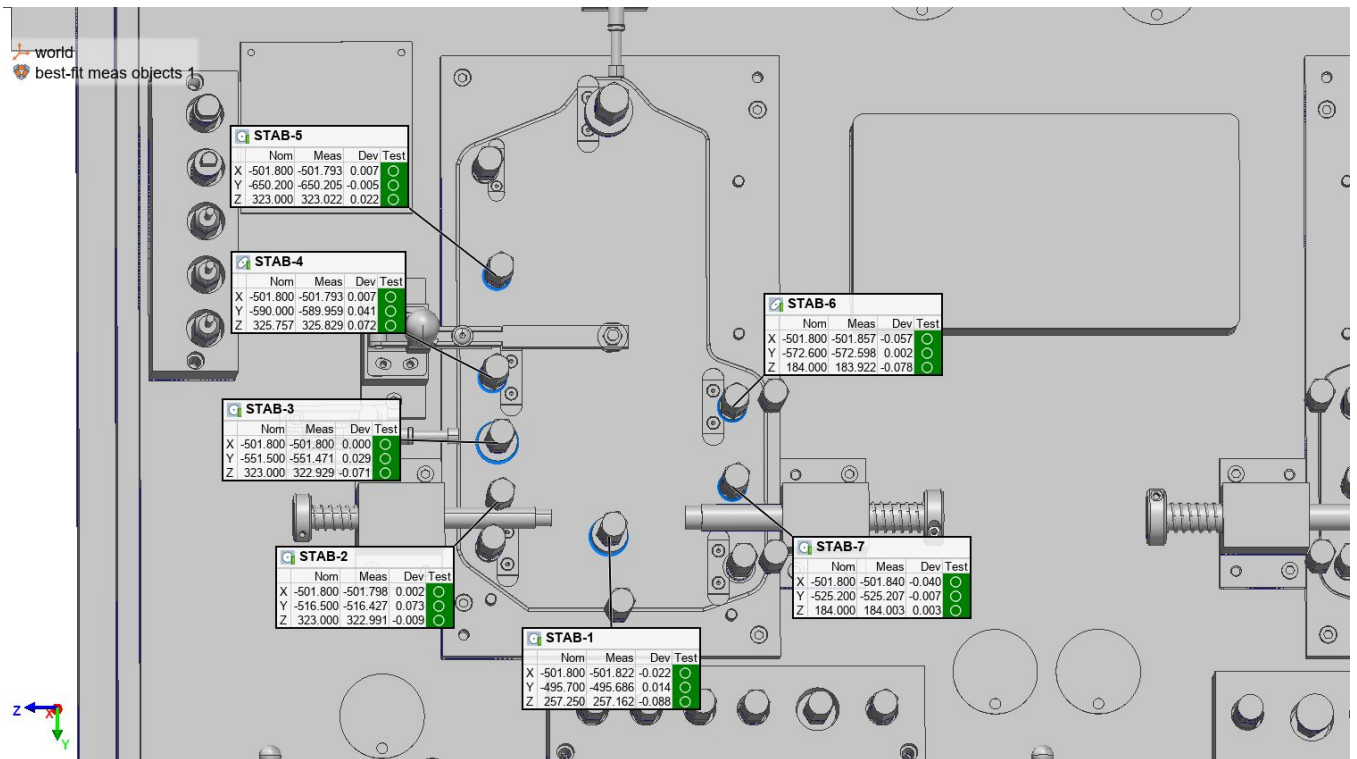
Feature Table

Length Units Millimeters

Name	Control	Nom	Meas	Tol	Dev	Test
TB-1 LH	X	-485.200	-485.200	±0.100	0.000	Pass
	Y	-367.300	-367.300	±0.100	0.000	Pass
	Z	0.000	0.000	±0.100	0.000	Pass
TB-2 LH	X	-485.200	-485.200	±0.100	0.000	Pass
	Y	-824.453	-824.524	±0.100	-0.071	Pass
	Z	0.000	0.000	±0.100	0.000	Pass
TB-3 LH	X	-485.200	-485.200	±0.100	0.000	Pass
	Y	-367.273	-367.191	±0.100	0.082	Pass
	Z	457.196	457.109	±0.100	-0.087	Pass
DATUM-B-	X	-501.800	-501.812	±0.050	-0.012	Pass
	Y	-477.800	-477.775	±0.050	0.025	Pass
	Z	180.000	179.955	±0.050	-0.045	Pass
DATUM-C-	X	-501.800	-501.769	±0.050	0.031	Pass
	Y	-713.000	-712.956	±0.050	0.044	Pass
	Z	329.900	329.935	±0.050	0.035	Pass

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

Part name: LG4192-LH
Part number: 71189-39-T20
Piece: piece 2



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

Part name: LG4192-LH
Part number: 71189-39-T20
Piece: piece 2

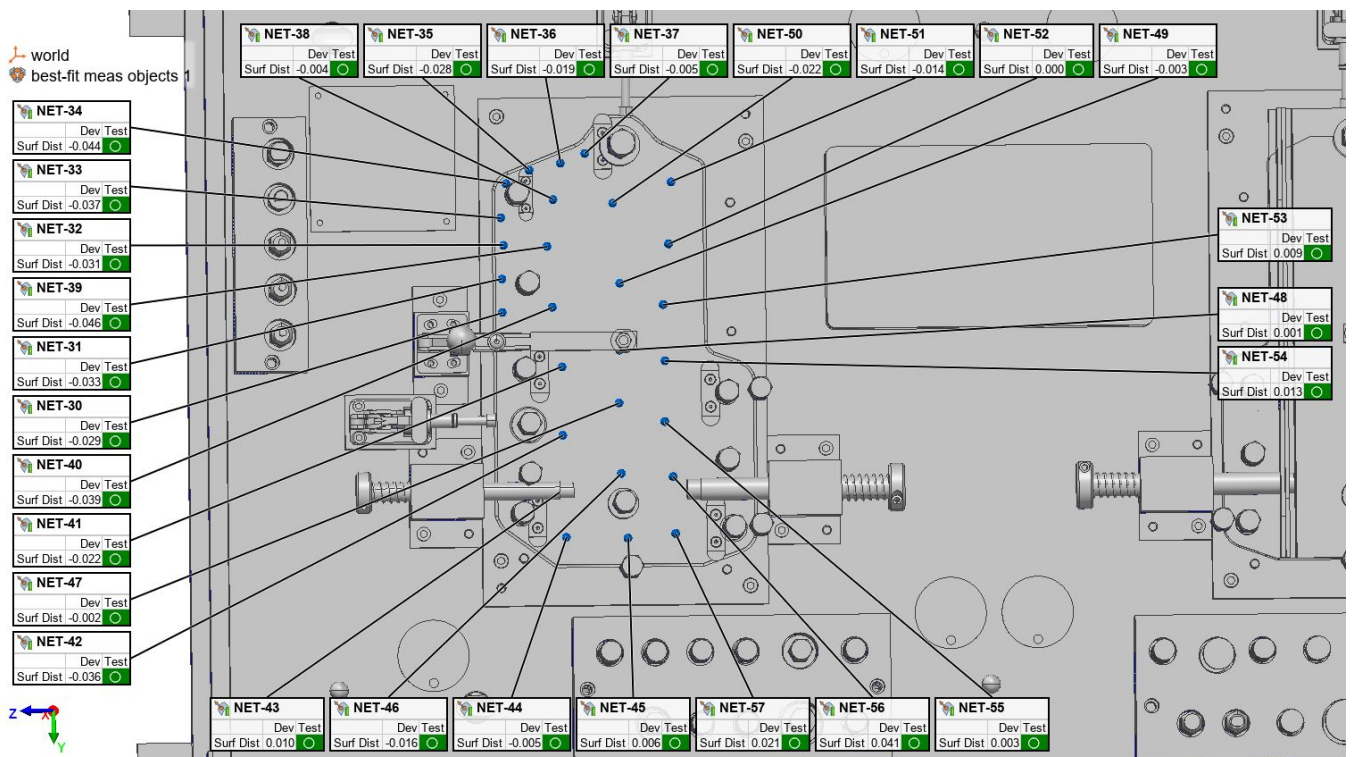
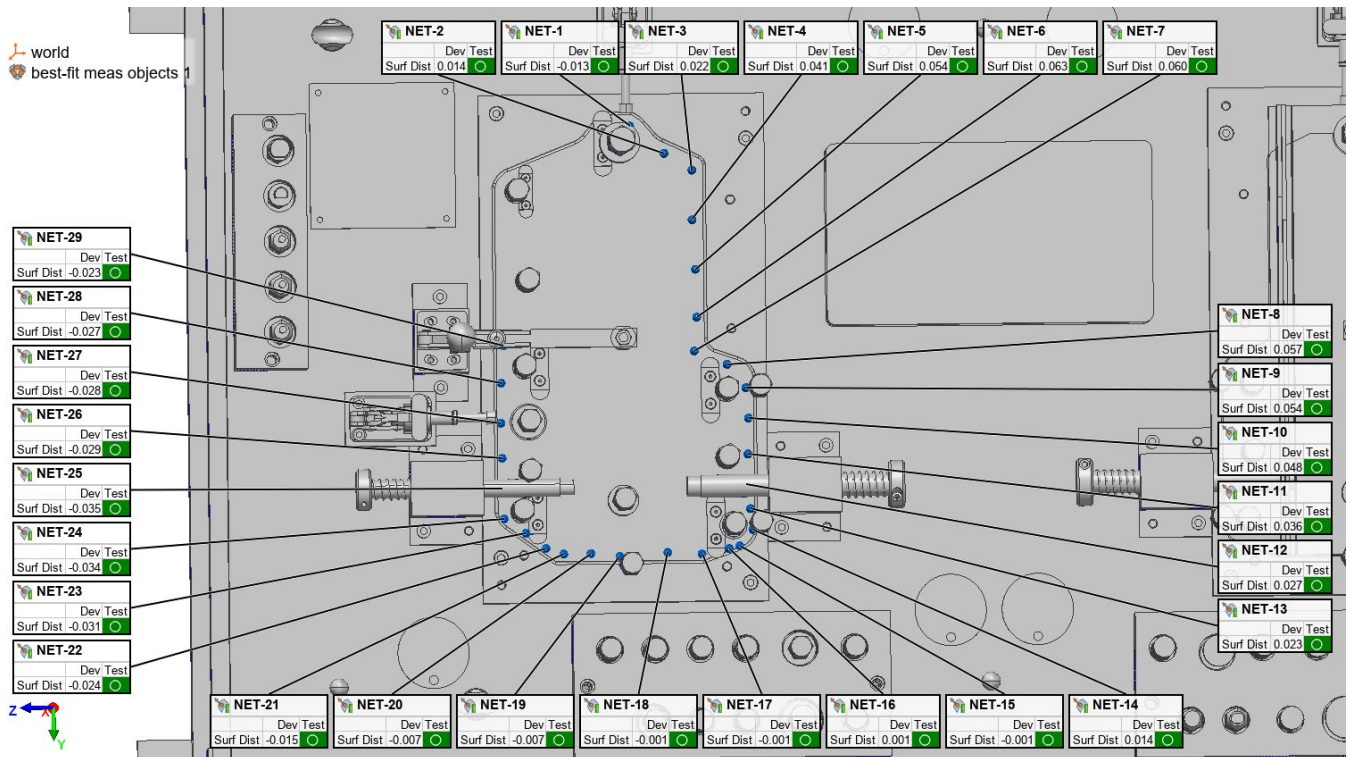
Feature Table

Length Units Millimeters

Name	Control	Nom	Meas	Tol	Dev	Test
 STAB-1	X	-501.800	-501.822	±0.100	-0.022	Pass
	Y	-495.700	-495.686	±0.100	0.014	Pass
	Z	257.250	257.162	±0.100	-0.088	Pass
 STAB-2	X	-501.800	-501.798	±0.100	0.002	Pass
	Y	-516.500	-516.427	±0.100	0.073	Pass
	Z	323.000	322.991	±0.100	-0.009	Pass
 STAB-3	X	-501.800	-501.800	±0.100	0.000	Pass
	Y	-551.500	-551.471	±0.100	0.029	Pass
	Z	323.000	322.929	±0.100	-0.071	Pass
 STAB-4	X	-501.800	-501.793	±0.100	0.007	Pass
	Y	-590.000	-589.959	±0.100	0.041	Pass
	Z	325.757	325.829	±0.100	0.072	Pass
 STAB-5	X	-501.800	-501.793	±0.100	0.007	Pass
	Y	-650.200	-650.205	±0.100	-0.005	Pass
	Z	323.000	323.022	±0.100	0.022	Pass
 STAB-6	X	-501.800	-501.857	±0.100	-0.057	Pass
	Y	-572.600	-572.598	±0.100	0.002	Pass
	Z	184.000	183.922	±0.100	-0.078	Pass
 STAB-7	X	-501.800	-501.840	±0.100	-0.040	Pass
	Y	-525.200	-525.207	±0.100	-0.007	Pass
	Z	184.000	184.003	±0.100	0.003	Pass
 STAB-8	X	-501.800	-501.793	±0.100	0.007	Pass
	Y	-488.962	-488.864	±0.100	0.098	Pass
	Z	328.250	328.302	±0.100	0.052	Pass
 STAB-9	X	-501.800	-501.804	±0.100	-0.004	Pass
	Y	-746.200	-746.271	±0.100	-0.071	Pass
	Z	257.300	257.290	±0.100	-0.010	Pass
 STAB-10	X	-532.999	-532.968	±0.100	0.031	Pass
	Y	-504.700	-504.789	±0.100	-0.089	Pass
	Z	301.800	301.800	±0.100	0.000	Pass
 STAB-11	X	-532.999	-532.987	±0.100	0.012	Pass
	Y	-504.700	-504.603	±0.100	0.097	Pass
	Z	203.200	203.200	±0.100	0.000	Pass
 STAB-12	X	-520.000	-520.000	±0.100	0.000	Pass
	Y	-495.700	-495.671	±0.100	0.029	Pass
	Z	257.250	257.162	±0.100	-0.088	Pass
 STAB-13	Midpoint Y	-746.200	-746.265	±0.100	-0.065	Pass
	Midpoint Z	257.300	257.280	±0.100	-0.020	Pass

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

Part name: LG4192-LH
 Part number: 71189-39-T20
 Piece: piece 2



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

Part name: LG4192-LH
Part number: 71189-39-T20
Piece: piece 2

Comparison Point Table

Units Millimeters

Name	Control	Meas	Tol	Dev	Test
 NET-1	Surface Distance	-0.013	±0.100	-0.013	Pass
 NET-2	Surface Distance	0.014	±0.100	0.014	Pass
 NET-3	Surface Distance	0.022	±0.100	0.022	Pass
 NET-4	Surface Distance	0.041	±0.100	0.041	Pass
 NET-5	Surface Distance	0.054	±0.100	0.054	Pass
 NET-6	Surface Distance	0.063	±0.100	0.063	Pass
 NET-7	Surface Distance	0.060	±0.100	0.060	Pass
 NET-8	Surface Distance	0.057	±0.100	0.057	Pass
 NET-9	Surface Distance	0.054	±0.100	0.054	Pass
 NET-10	Surface Distance	0.048	±0.100	0.048	Pass
 NET-11	Surface Distance	0.036	±0.100	0.036	Pass
 NET-12	Surface Distance	0.027	±0.100	0.027	Pass
 NET-13	Surface Distance	0.023	±0.100	0.023	Pass
 NET-14	Surface Distance	0.014	±0.100	0.014	Pass
 NET-15	Surface Distance	-0.001	±0.100	-0.001	Pass
 NET-16	Surface Distance	0.001	±0.100	0.001	Pass
 NET-17	Surface Distance	-0.001	±0.100	-0.001	Pass
 NET-18	Surface Distance	-0.001	±0.100	-0.001	Pass
 NET-19	Surface Distance	-0.007	±0.100	-0.007	Pass
 NET-20	Surface Distance	-0.007	±0.100	-0.007	Pass
 NET-21	Surface Distance	-0.015	±0.100	-0.015	Pass
 NET-22	Surface Distance	-0.024	±0.100	-0.024	Pass
 NET-23	Surface Distance	-0.031	±0.100	-0.031	Pass
 NET-24	Surface Distance	-0.034	±0.100	-0.034	Pass
 NET-25	Surface Distance	-0.035	±0.100	-0.035	Pass
 NET-26	Surface Distance	-0.029	±0.100	-0.029	Pass
 NET-27	Surface Distance	-0.028	±0.100	-0.028	Pass
 NET-28	Surface Distance	-0.027	±0.100	-0.027	Pass
 NET-29	Surface Distance	-0.023	±0.100	-0.023	Pass
 NET-30	Surface Distance	-0.029	±0.100	-0.029	Pass
 NET-31	Surface Distance	-0.033	±0.100	-0.033	Pass
 NET-32	Surface Distance	-0.031	±0.100	-0.031	Pass
 NET-33	Surface Distance	-0.037	±0.100	-0.037	Pass
 NET-34	Surface Distance	-0.044	±0.100	-0.044	Pass
 NET-35	Surface Distance	-0.028	±0.100	-0.028	Pass
 NET-36	Surface Distance	-0.019	±0.100	-0.019	Pass
 NET-37	Surface Distance	-0.005	±0.100	-0.005	Pass
 NET-38	Surface Distance	-0.004	±0.100	-0.004	Pass
 NET-39	Surface Distance	-0.046	±0.100	-0.046	Pass
 NET-40	Surface Distance	-0.039	±0.100	-0.039	Pass
 NET-41	Surface Distance	-0.022	±0.100	-0.022	Pass
 NET-42	Surface Distance	-0.036	±0.100	-0.036	Pass

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

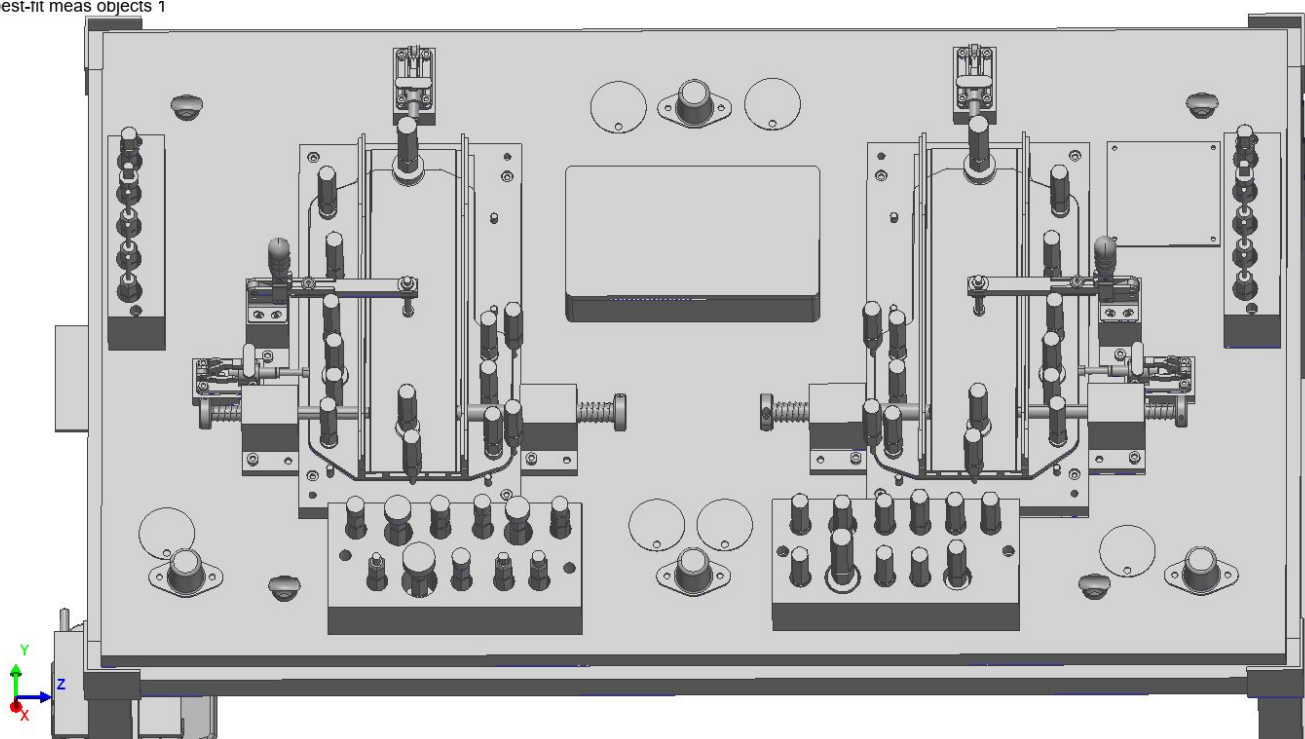
Part name: LG4192-LH
Part number: 71189-39-T20
Piece: piece 2

	NET-43	Surface Distance	0.010	±0.100	0.010	Pass
	NET-44	Surface Distance	-0.005	±0.100	-0.005	Pass
	NET-45	Surface Distance	0.006	±0.100	0.006	Pass
	NET-46	Surface Distance	-0.016	±0.100	-0.016	Pass
	NET-47	Surface Distance	-0.002	±0.100	-0.002	Pass
	NET-48	Surface Distance	0.001	±0.100	0.001	Pass
	NET-49	Surface Distance	-0.003	±0.100	-0.003	Pass
	NET-50	Surface Distance	-0.022	±0.100	-0.022	Pass
	NET-51	Surface Distance	-0.014	±0.100	-0.014	Pass
	NET-52	Surface Distance	0.000	±0.100	0.000	Pass
	NET-53	Surface Distance	0.009	±0.100	0.009	Pass
	NET-54	Surface Distance	0.013	±0.100	0.013	Pass
	NET-55	Surface Distance	0.003	±0.100	0.003	Pass
	NET-56	Surface Distance	0.041	±0.100	0.041	Pass
	NET-57	Surface Distance	0.021	±0.100	0.021	Pass

Customer:	WHITEHALL INDUSTRIES	Part name:	LG4192-LH
Operator:	Cesar Hernandez	Part number:	71189-39-T20
E-mail:	cesar.hernandez@mess.com.mx	Piece:	piece 2

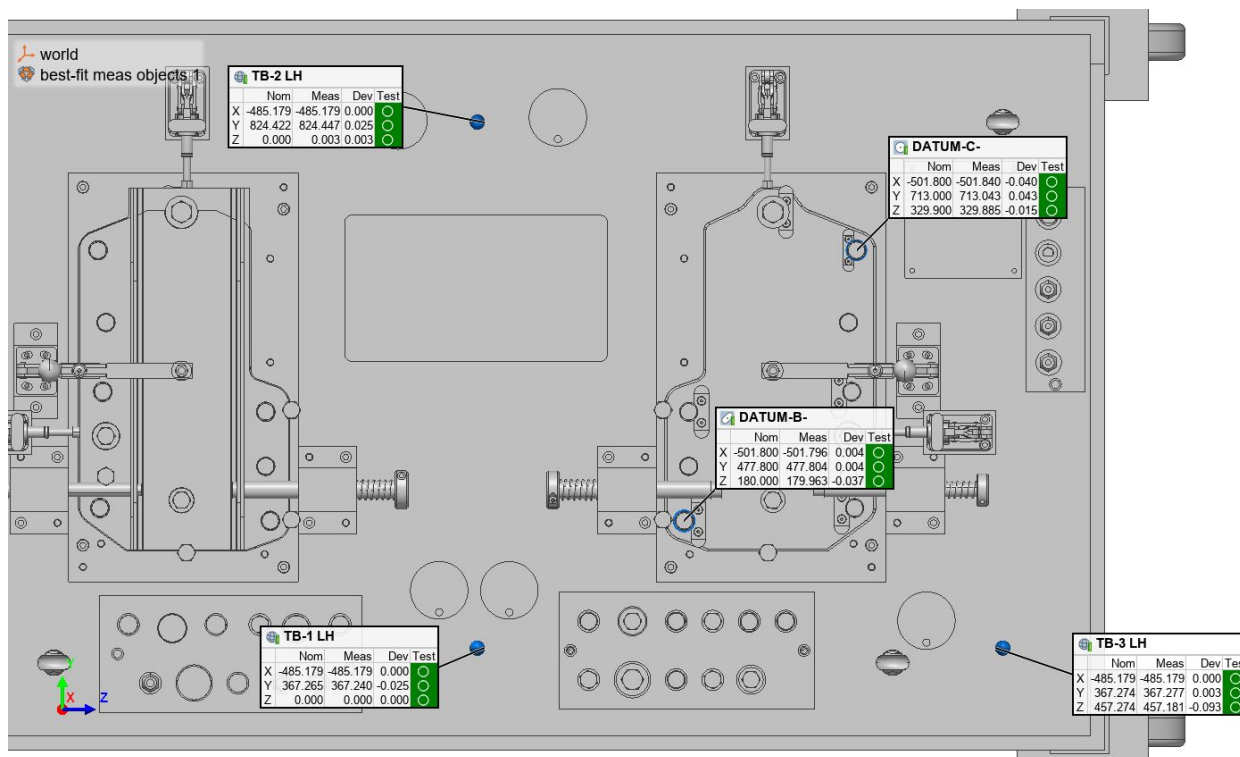
MEASUREMENT REPORT

best-fit meas objects 1



Customer: WHITEHALL INDUSTRIES
Operator: Cesar Hernandez
E-mail: cesar.hernandez@mess.com.mx
Workspace: PROGRAM_MARZO
Project: LG4142_71189-39-T20_RH -
 piece 2

Part name: LG4192-RH
Part number: 71189-39-T20
Drawing : S/R
Device: MESS-BRAA-03



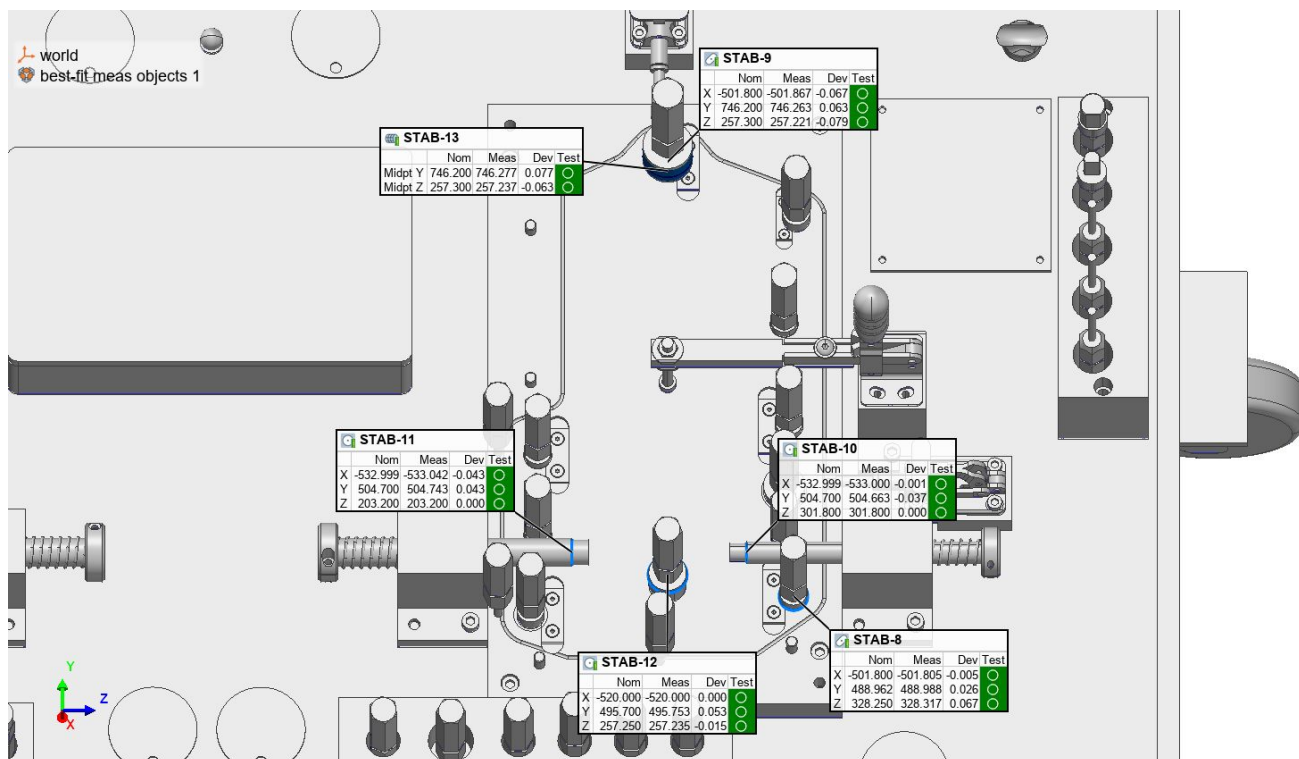
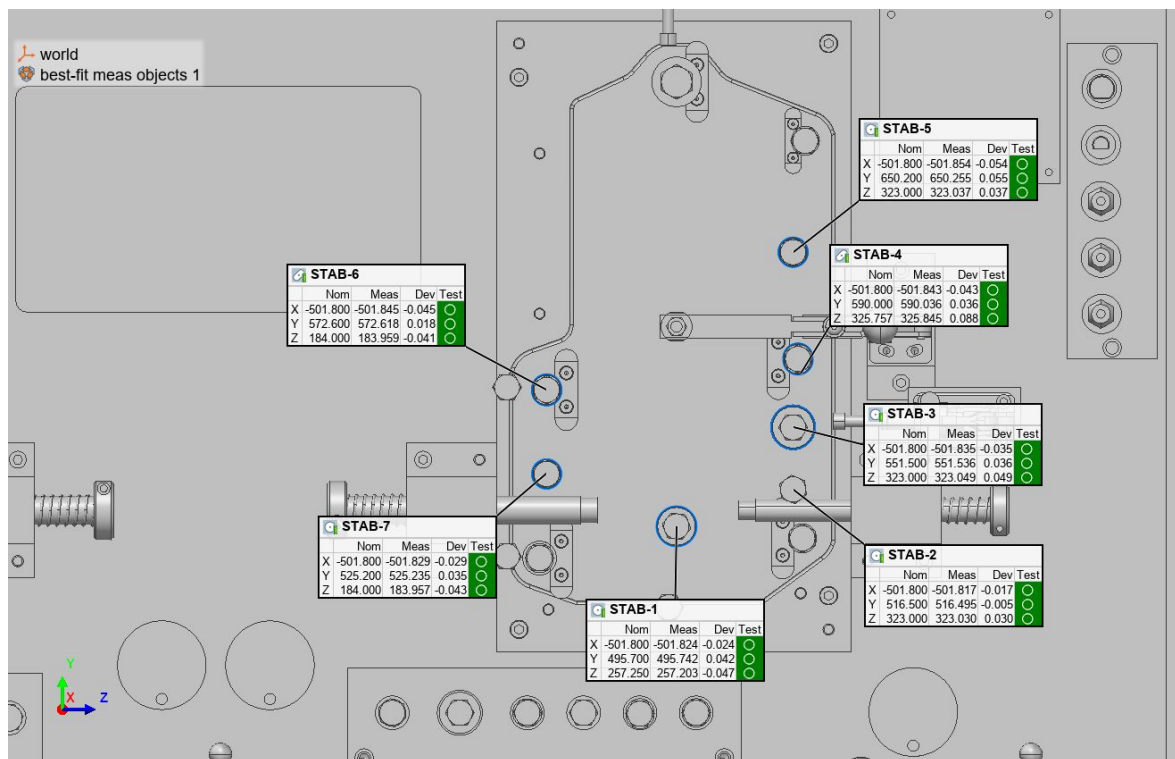
Feature Table

Length Units Millimeters

Name	Control	Nom	Meas	Tol	Dev	Test
TB-1 LH	X	-485.179	-485.179	±0.100	0.000	Pass
	Y	367.265	367.240	±0.100	-0.025	Pass
	Z	0.000	0.000	±0.100	0.000	Pass
TB-2 LH	X	-485.179	-485.179	±0.100	0.000	Pass
	Y	824.422	824.447	±0.100	0.025	Pass
	Z	0.000	0.003	±0.100	0.003	Pass
TB-3 LH	X	-485.179	-485.179	±0.100	0.000	Pass
	Y	367.274	367.277	±0.100	0.003	Pass
	Z	457.274	457.181	±0.100	-0.093	Pass
DATUM-B-	X	-501.800	-501.796	±0.050	0.004	Pass
	Y	477.800	477.804	±0.050	0.004	Pass
	Z	180.000	179.963	±0.050	-0.037	Pass
DATUM-C-	X	-501.800	-501.840	±0.050	-0.040	Pass
	Y	713.000	713.043	±0.050	0.043	Pass
	Z	329.900	329.885	±0.050	-0.015	Pass

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

Part name: LG4192-RH
Part number: 71189-39-T20
Piece: piece 2



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

Part name: LG4192-RH
Part number: 71189-39-T20
Piece: piece 2

Feature Table

Length Units Millimeters

Name	Control	Nom	Meas	Tol	Dev	Test
 STAB-1	X	-501.800	-501.824	±0.100	-0.024	Pass
	Y	495.700	495.742	±0.100	0.042	Pass
	Z	257.250	257.203	±0.100	-0.047	Pass
 STAB-2	X	-501.800	-501.817	±0.100	-0.017	Pass
	Y	516.500	516.495	±0.100	-0.005	Pass
	Z	323.000	323.030	±0.100	0.030	Pass
 STAB-3	X	-501.800	-501.835	±0.100	-0.035	Pass
	Y	551.500	551.536	±0.100	0.036	Pass
	Z	323.000	323.049	±0.100	0.049	Pass
 STAB-4	X	-501.800	-501.843	±0.100	-0.043	Pass
	Y	590.000	590.036	±0.100	0.036	Pass
	Z	325.757	325.845	±0.100	0.088	Pass
 STAB-5	X	-501.800	-501.854	±0.100	-0.054	Pass
	Y	650.200	650.255	±0.100	0.055	Pass
	Z	323.000	323.037	±0.100	0.037	Pass
 STAB-6	X	-501.800	-501.845	±0.100	-0.045	Pass
	Y	572.600	572.618	±0.100	0.018	Pass
	Z	184.000	183.959	±0.100	-0.041	Pass
 STAB-7	X	-501.800	-501.829	±0.100	-0.029	Pass
	Y	525.200	525.235	±0.100	0.035	Pass
	Z	184.000	183.957	±0.100	-0.043	Pass
 STAB-8	X	-501.800	-501.805	±0.100	-0.005	Pass
	Y	488.962	488.988	±0.100	0.026	Pass
	Z	328.250	328.317	±0.100	0.067	Pass
 STAB-9	X	-501.800	-501.867	±0.100	-0.067	Pass
	Y	746.200	746.263	±0.100	0.063	Pass
	Z	257.300	257.221	±0.100	-0.079	Pass
 STAB-10	X	-532.999	-533.000	±0.100	-0.001	Pass
	Y	504.700	504.663	±0.100	-0.037	Pass
	Z	301.800	301.800	±0.100	0.000	Pass
 STAB-11	X	-532.999	-533.042	±0.100	-0.043	Pass
	Y	504.700	504.743	±0.100	0.043	Pass
	Z	203.200	203.200	±0.100	0.000	Pass
 STAB-12	X	-520.000	-520.000	±0.100	0.000	Pass
	Y	495.700	495.753	±0.100	0.053	Pass
	Z	257.250	257.235	±0.100	-0.015	Pass
 STAB-13	Midpoint Y	746.200	746.277	±0.100	0.077	Pass
	Midpoint Z	257.300	257.237	±0.100	-0.063	Pass

Customer: WHITEHALL INDUSTRIES

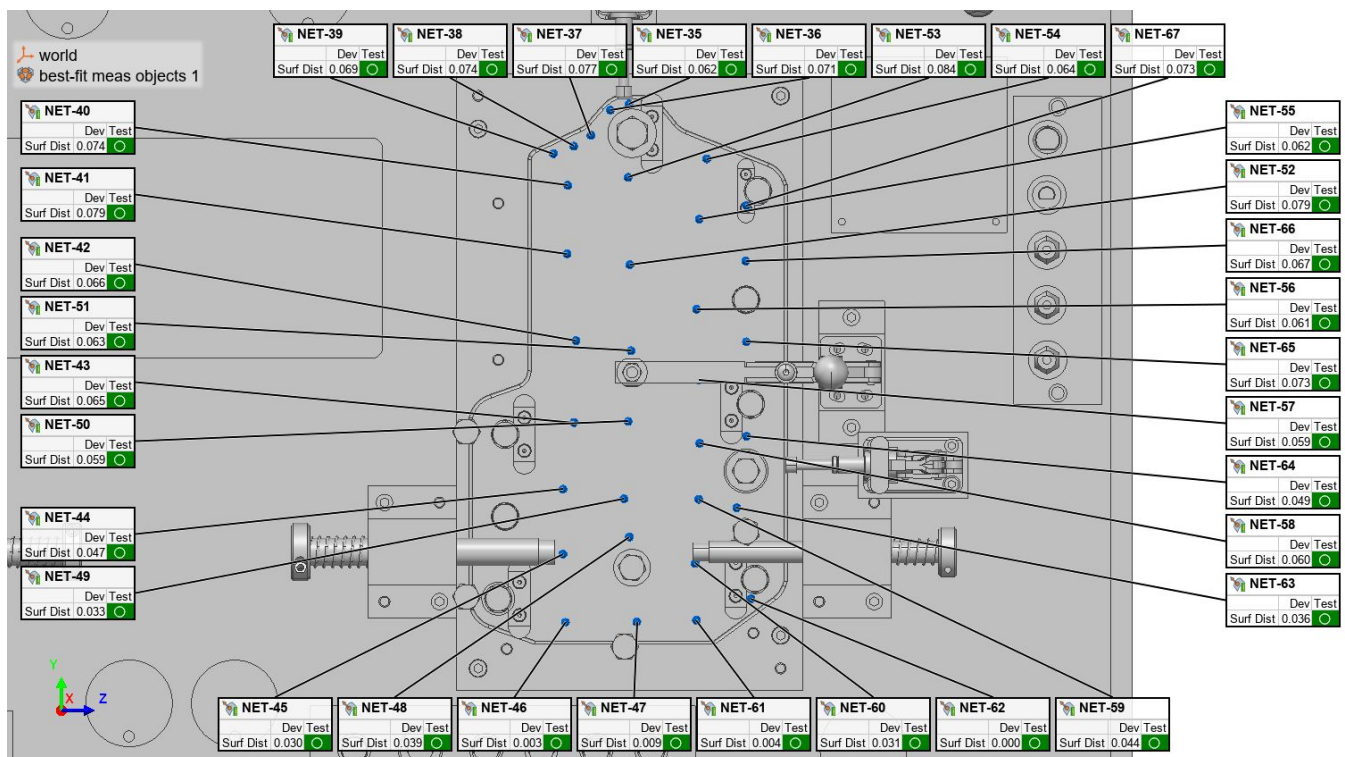
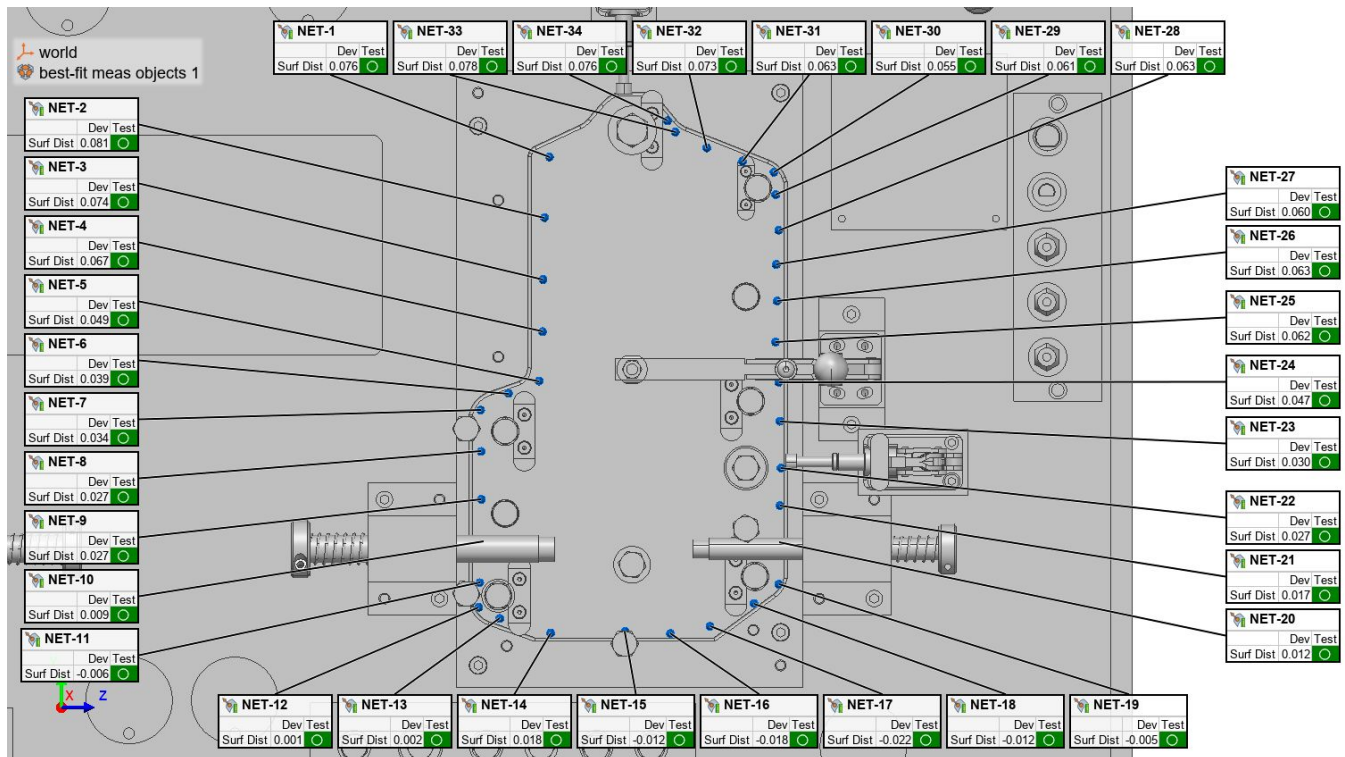
Operator: Cesar Hernandez

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

Part name: LG4192-RH

Part number: 71189-39-T20

Piece: piece 2



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

Part name: LG4192-RH
Part number: 71189-39-T20
Piece: piece 2

Comparison Point Table

Units Millimeters

Name	Control	Meas	Tol	Dev	Test
 NET-1	Surface Distance	0.076	±0.100	0.076	Pass
 NET-2	Surface Distance	0.081	±0.100	0.081	Pass
 NET-3	Surface Distance	0.074	±0.100	0.074	Pass
 NET-4	Surface Distance	0.067	±0.100	0.067	Pass
 NET-5	Surface Distance	0.049	±0.100	0.049	Pass
 NET-6	Surface Distance	0.039	±0.100	0.039	Pass
 NET-7	Surface Distance	0.034	±0.100	0.034	Pass
 NET-8	Surface Distance	0.027	±0.100	0.027	Pass
 NET-9	Surface Distance	0.027	±0.100	0.027	Pass
 NET-10	Surface Distance	0.009	±0.100	0.009	Pass
 NET-11	Surface Distance	-0.006	±0.100	-0.006	Pass
 NET-12	Surface Distance	0.001	±0.100	0.001	Pass
 NET-13	Surface Distance	0.002	±0.100	0.002	Pass
 NET-14	Surface Distance	0.018	±0.100	0.018	Pass
 NET-15	Surface Distance	-0.012	±0.100	-0.012	Pass
 NET-16	Surface Distance	-0.018	±0.100	-0.018	Pass
 NET-17	Surface Distance	-0.022	±0.100	-0.022	Pass
 NET-18	Surface Distance	-0.012	±0.100	-0.012	Pass
 NET-19	Surface Distance	-0.005	±0.100	-0.005	Pass
 NET-20	Surface Distance	0.012	±0.100	0.012	Pass
 NET-21	Surface Distance	0.017	±0.100	0.017	Pass
 NET-22	Surface Distance	0.027	±0.100	0.027	Pass
 NET-23	Surface Distance	0.030	±0.100	0.030	Pass
 NET-24	Surface Distance	0.047	±0.100	0.047	Pass
 NET-25	Surface Distance	0.062	±0.100	0.062	Pass
 NET-26	Surface Distance	0.063	±0.100	0.063	Pass
 NET-27	Surface Distance	0.060	±0.100	0.060	Pass
 NET-28	Surface Distance	0.063	±0.100	0.063	Pass
 NET-29	Surface Distance	0.061	±0.100	0.061	Pass
 NET-30	Surface Distance	0.055	±0.100	0.055	Pass
 NET-31	Surface Distance	0.063	±0.100	0.063	Pass
 NET-32	Surface Distance	0.073	±0.100	0.073	Pass
 NET-33	Surface Distance	0.078	±0.100	0.078	Pass
 NET-34	Surface Distance	0.076	±0.100	0.076	Pass
 NET-35	Surface Distance	0.062	±0.100	0.062	Pass
 NET-36	Surface Distance	0.071	±0.100	0.071	Pass
 NET-37	Surface Distance	0.077	±0.100	0.077	Pass
 NET-38	Surface Distance	0.074	±0.100	0.074	Pass
 NET-39	Surface Distance	0.069	±0.100	0.069	Pass
 NET-40	Surface Distance	0.074	±0.100	0.074	Pass
 NET-41	Surface Distance	0.079	±0.100	0.079	Pass
 NET-42	Surface Distance	0.066	±0.100	0.066	Pass

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

Part name: LG4192-RH
Part number: 71189-39-T20
Piece: piece 2

	NET-43	Surface Distance	0.065	±0.100	0.065	Pass
	NET-44	Surface Distance	0.047	±0.100	0.047	Pass
	NET-45	Surface Distance	0.030	±0.100	0.030	Pass
	NET-46	Surface Distance	0.003	±0.100	0.003	Pass
	NET-47	Surface Distance	0.009	±0.100	0.009	Pass
	NET-48	Surface Distance	0.039	±0.100	0.039	Pass
	NET-49	Surface Distance	0.033	±0.100	0.033	Pass
	NET-50	Surface Distance	0.059	±0.100	0.059	Pass
	NET-51	Surface Distance	0.063	±0.100	0.063	Pass
	NET-52	Surface Distance	0.079	±0.100	0.079	Pass
	NET-53	Surface Distance	0.084	±0.100	0.084	Pass
	NET-54	Surface Distance	0.064	±0.100	0.064	Pass
	NET-55	Surface Distance	0.062	±0.100	0.062	Pass
	NET-56	Surface Distance	0.061	±0.100	0.061	Pass
	NET-57	Surface Distance	0.059	±0.100	0.059	Pass
	NET-58	Surface Distance	0.060	±0.100	0.060	Pass
	NET-59	Surface Distance	0.044	±0.100	0.044	Pass
	NET-60	Surface Distance	0.031	±0.100	0.031	Pass
	NET-61	Surface Distance	0.004	±0.100	0.004	Pass
	NET-62	Surface Distance	0.000	±0.100	0.000	Pass
	NET-63	Surface Distance	0.036	±0.100	0.036	Pass
	NET-64	Surface Distance	0.049	±0.100	0.049	Pass
	NET-65	Surface Distance	0.073	±0.100	0.073	Pass
	NET-66	Surface Distance	0.067	±0.100	0.067	Pass
	NET-67	Surface Distance	0.073	±0.100	0.073	Pass

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

Part name: LG4192-RH
Part number: 71189-39-T20
Piece: piece 2