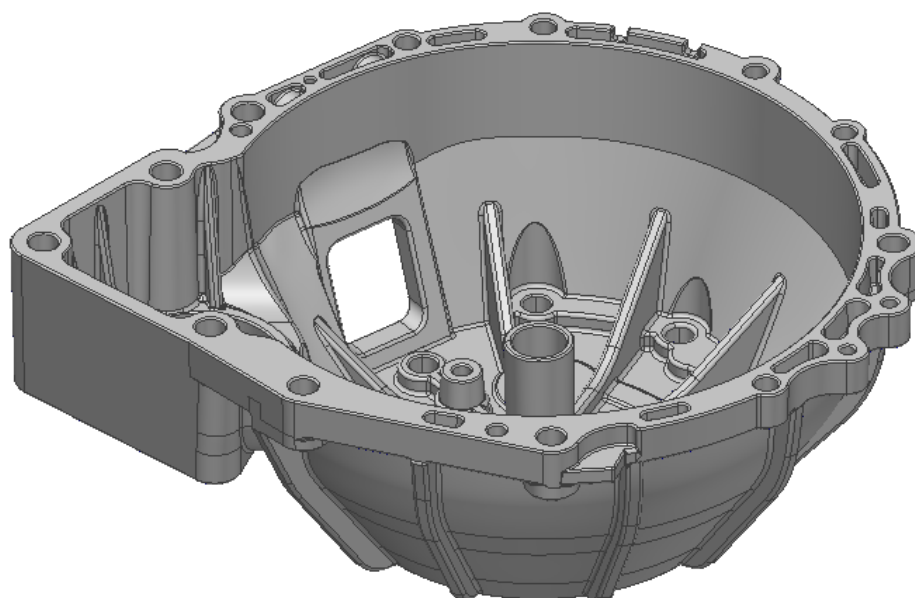
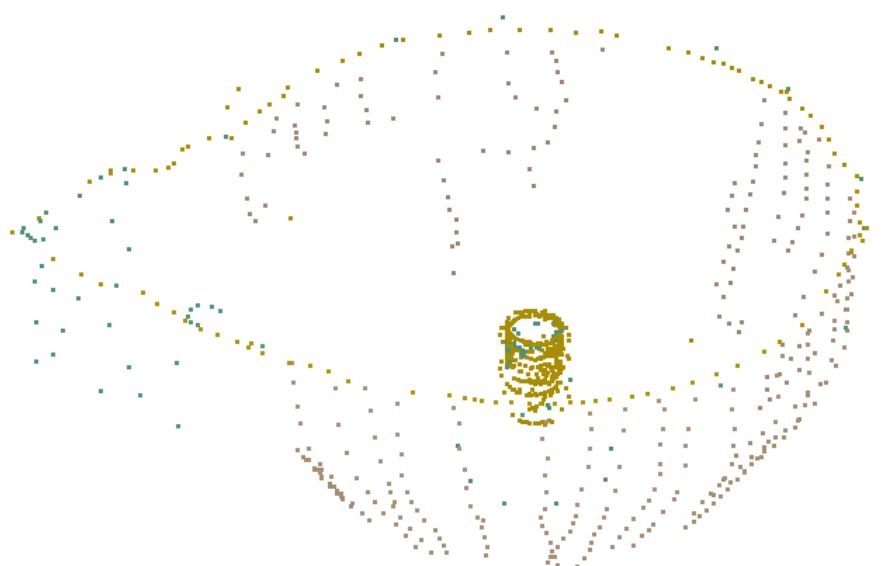


Demo Probe Inspection

Report Author: PT SURYA KWON SUNG

Date: 4/15/2026



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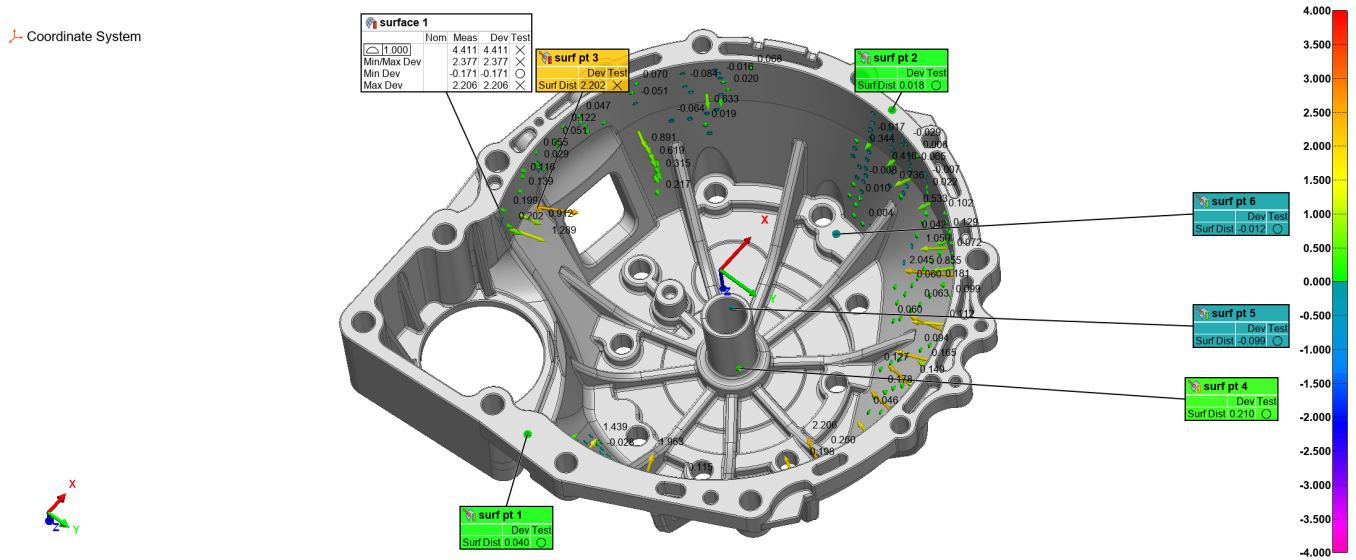
Part Name: Demo Clutch Housing

Report #: Demo

Version #: 1.0

Revision #: 1.0

Device: Leica Absolute Tracker AT500



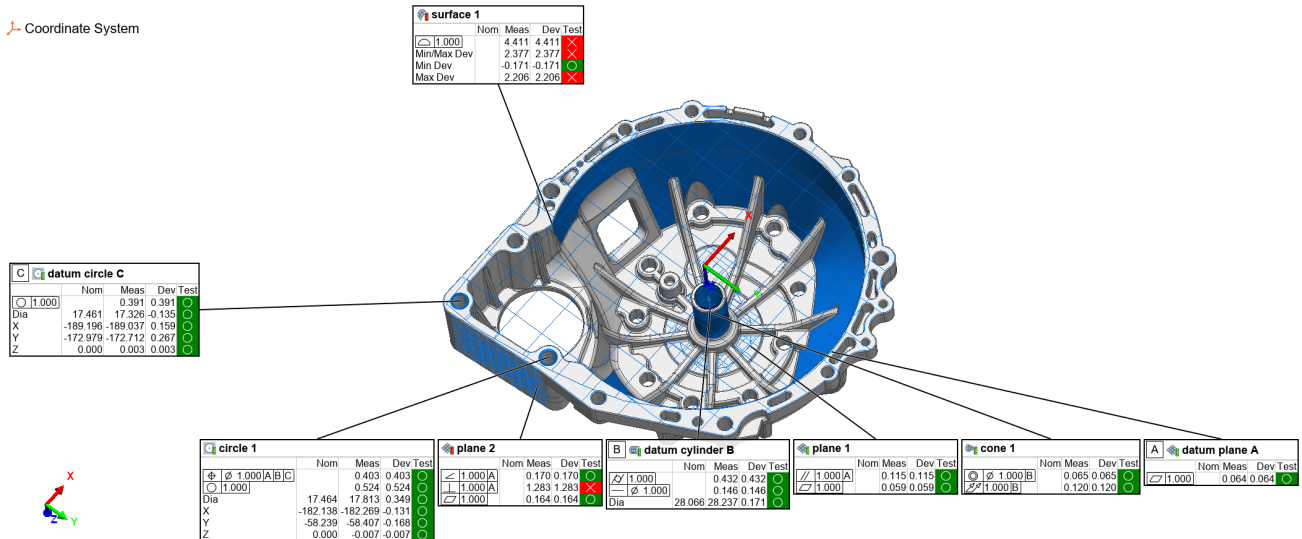
Demo 3D CAD vs. Probe Data Deviation Vectors & Comparison Points

Units: Millimeters
Coordinate Systems: Coordinate System

Name	Control	Nom	Meas	Tol	Dev	Test	Out Tol
surf pt 1	Surface Distance		0.040	±0.500	0.040	Pass	
surf pt 2	Surface Distance		0.018	±0.500	0.018	Pass	
surf pt 3	Surface Distance		2.202	±0.500	2.202	Fail	1.702
surf pt 4	Surface Distance		0.210	±0.500	0.210	Pass	
surf pt 5	Surface Distance		-0.099	±0.500	-0.099	Pass	
surf pt 6	Surface Distance		-0.012	±0.500	-0.012	Pass	

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Part Name: Demo Clutch Housing
Part Number: -
Piece: -



Demo Geometric Dimensioning and Tolerancing (GD&T)

Length Units

Millimeters

Coordinate Systems

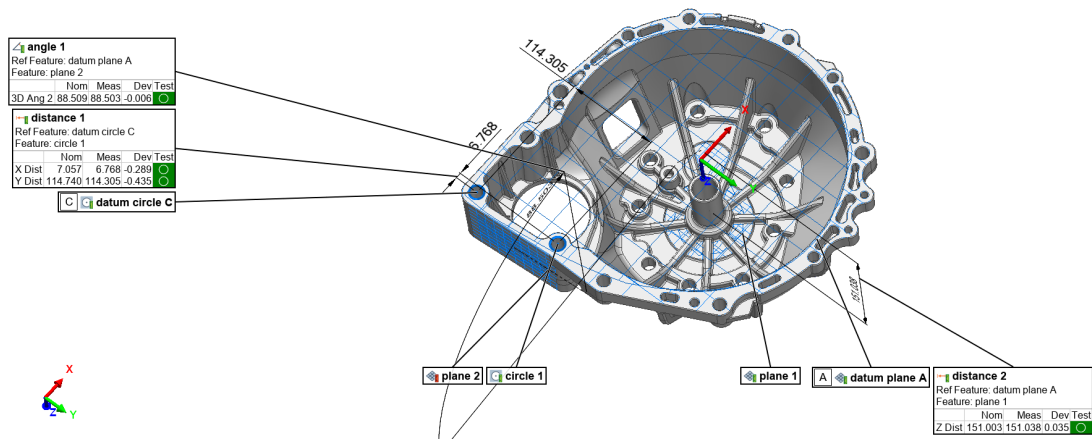
Coordinate System

Name	Control	Nom	Meas	Tol	Dev	Test	Out Tol
datum plane A	1.000		0.064	1.000	0.064	Pass	
plane 1	1.000 A		0.115	1.000	0.115	Pass	
	1.000		0.059	1.000	0.059	Pass	
plane 2	1.000 A		0.170	1.000	0.170	Pass	
	1.000 A		1.283	1.000	1.283	Fail	0.283
	1.000		0.164	1.000	0.164	Pass	
datum cylinder B	1.000		0.432	1.000	0.432	Pass	
	1.000		0.146	1.000	0.146	Pass	
	Diameter	28.066	28.237	±1.000	0.171	Pass	
cone 1	1.000 B		0.065	1.000	0.065	Pass	
	1.000 B		0.120	1.000	0.120	Pass	
datum circle C	1.000		0.391	1.000	0.391	Pass	
	Diameter	17.461	17.326	±1.000	-0.135	Pass	
	X	-189.196	-189.037	±1.000	0.159	Pass	
	Y	-172.979	-172.712	±1.000	0.267	Pass	
	Z	0.000	0.003	±1.000	0.003	Pass	
circle 1	1.000 A B C		0.403	1.000	0.403	Pass	
	1.000		0.524	1.000	0.524	Pass	
	Diameter	17.464	17.813	±1.000	0.349	Pass	
	X	-182.138	-182.269	±1.000	-0.131	Pass	
	Y	-58.239	-58.407	±1.000	-0.168	Pass	
	Z	0.000	-0.007	±1.000	-0.007	Pass	
surface 1	1.000		4.411	1.000	4.411	Fail	3.411
	Min/Max Deviation		2.377	±1.000	2.377	Fail	1.377
	Min Deviation		-0.171	±1.000	-0.171	Pass	
	Max Deviation		2.206	±1.000	2.206	Fail	1.206

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Part Name: Demo Clutch Housing
Part Number: -
Piece: -

Coordinate System



Demo Measurement Table

Length Units Millimeters
Coordinate Systems Coordinate System

Name	Control	Nom	Meas	Tol	Dev	Test	Out Tol
 angle 1	3D Angle 2	88.509	88.503	±1.000	-0.006	Pass	
 distance 1	X Distance	7.057	6.768	±1.000	-0.289	Pass	
	Y Distance	114.740	114.305	±1.000	-0.435	Pass	
 distance 2	Z Distance	151.003	151.038	±1.000	0.035	Pass	

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