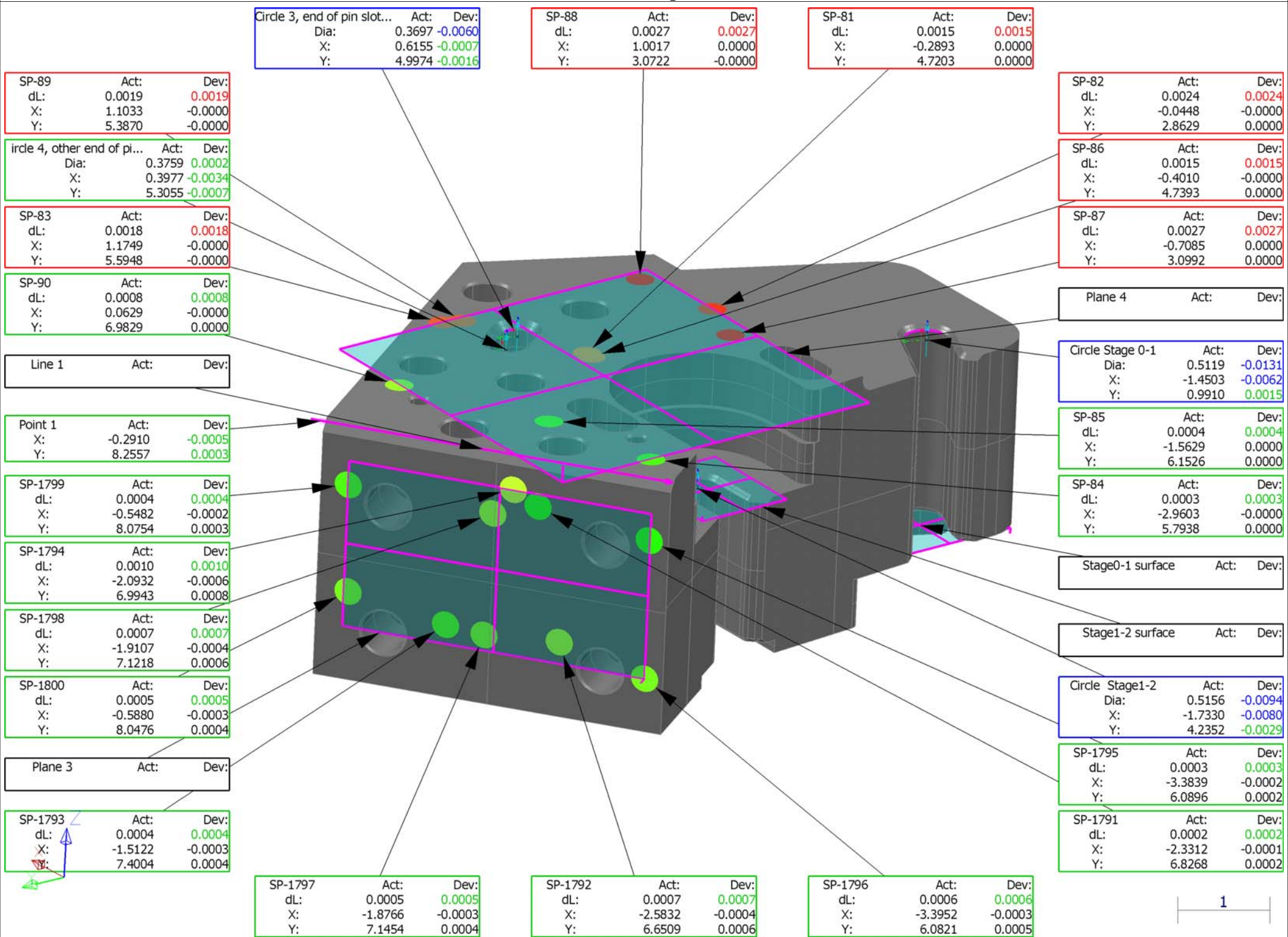


- Master part





**Project
Your
project
Name**

DELCAM PLC

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Customer	Your customer company name here	Inspector	Inspector's name
Description	Your part description here	Customer contact	Your contact person
Part No.	Your part number	Customer phone No.	Your customer phone No.
Drawing number	Your drawing number	Customer fax No.	Your customer fax No.
Datum	Your Datum	Report Type	Your type here
Measure: Master part			

Alignment

Point 1 (Datum - Geometric PLP Alignment 1:)								
Point		Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error	
		X	0.0039	-0.0039	-0.2905	-0.2910	-0.0005	-
		Y	0.0039	-0.0039	8.2553	8.2557	0.0003	-
		Z	0.0039	-0.0039	3.0000	3.0000	-0.0000	-

	GD&T 1 plane3	Surface Profile	Accepted			
Feature	Surface Inspection Group 4 hole face					
Result	Tolerance:	0.0010		<i>Boundary</i>	<i>Measured</i>	<i>Error</i>
			Max Positive	0.0005	0.0004	
			Max Negative	-0.0005	-0.0003	

	GD&T 2 plane 4 to 3	Perpendicularity	Out of Tolerance			
Feature	Plane 4					Condition: RFS
Primary Datum	Plane 3					Condition: RFS
Result	Tolerance:	0.0010	Tol + bonus:	0.0010	Measured:	0.0029

Geometric Group 1

Distance Stage1-2 Surface, Plane4 (References: Stage1-2 surface, Plane 4)							
Distance	Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error	
	0.0039	-0.0039	1.1110	1.1134	0.0024	-	
	0.0039	-0.0039	1.1098	1.1120	0.0022	-	
	0.0010	-0.0010	1.1122	1.1149	0.0027	0.0017	

Distance Stage0-1 surface, plane4 (References: <i>Plane 4, Stage0-1 surface</i>)						
	Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error
Distance	0.0039	-0.0039	-2.4250	-2.4255	-0.0005	-
Minimum Distance	0.0039	-0.0039	-2.4238	-2.4254	-0.0016	-
Maximum Distance	0.0010	-0.0010	-2.4262	-2.4256	0.0006	-

Circle Stage1-2 (Datum - <i>Geometric PLP Alignment 1</i>)							
	Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error	
Centre	X	0.0050	-0.0050	-1.7250	-1.7330	-0.0080	-0.0030
	Y	0.0050	-0.0050	4.2381	4.2352	-0.0029	-
Diameter	0.0050	-0.0050	0.5250	0.5156	-0.0094	-0.0044	

Number of probed points: 8

Circle Stage 0-1 (Datum - <i>Geometric PLP Alignment 1</i>)							
	Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error	
Centre	X	0.0050	-0.0050	-1.4441	-1.4503	-0.0062	-0.0012
	Y	0.0050	-0.0050	0.9894	0.9910	0.0015	-
Diameter	0.0050	-0.0050	0.5250	0.5119	-0.0131	-0.0081	

Number of probed points: 8

Circle 3, end of pin slot (Datum - <i>Geometric PLP Alignment 1</i>)							
	Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error	
Centre	X	0.0039	-0.0039	0.6162	0.6155	-0.0007	-
	Y	0.0039	-0.0039	4.9990	4.9974	-0.0016	-
Diameter	0.0008	0.0000	0.3757	0.3697	-0.0060	-0.0060	

Number of probed points: 6

Circle 4, other end of pin slot (Datum - <i>Geometric PLP Alignment 1</i>)							
	Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error	
Centre	X	0.0039	-0.0039	0.4011	0.3977	-0.0034	-
	Y	0.0039	-0.0039	5.3062	5.3055	-0.0007	-
Diameter	0.0008	0.0000	0.3757	0.3759	0.0002	-	


Number of probed points: 6

Angle between Top & 4 hole face (References: <i>Plane 3, Plane 4</i>)						
	Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error
Angle	0.005	-0.005	90.000	89.967	-0.033	-0.028

Angle between Top & 1-2 surface (References: <i>Plane 4, Stage1-2 surface</i>)						
	Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error
Angle	0.005	-0.005	0.000	0.031	0.031	0.026

Angle between Top & 0-1 Surface (References: <i>Plane 4, Stage0-1 surface</i>)						
	Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error
Angle	0.005	-0.005	180.000	179.994	-0.006	-0.001

Angle side of stage1-2 and plane 3 (References: <i>Plane 3, Side of Stage1-2</i>)						
	Hi-Tol	Lo-Tol	Nominal	Measured	Deviation	Error
Angle	0.005	-0.005	146.000	146.028	0.028	0.023

 Feature Primary Datum Result	Stage1-2 surface to plane3	Perpendicularity		Accepted
	Stage1-2 surface	Condition:		RFS
	Plane 3	Condition:		RFS
	Tolerance: 0.0010	Tol + bonus: 0.0010	Measured: 0.0006	

//	Plane4 to Stage1-2 Parallelism			Accepted
Feature	Stage1-2 surface	Condition:		RFS
Primary Datum	Plane 4	Condition:		RFS
Result	Tolerance: 0.0010	Tol + bonus: 0.0010	Measured: 0.0009	

⊥	Stage 0-1 surface to plane 3 Perpendicularity			Out of Tolerance
Feature	Stage0-1 surface	Condition:		RFS
Primary Datum	Plane 3	Condition:		RFS
Result	Tolerance: 0.0010	Tol + bonus: 0.0010	Measured: 0.0012	

//	Plane4 to stage0-1 Parallelism			Accepted
Feature	Stage0-1 surface	Condition:		RFS
Primary Datum	Plane 4	Condition:		RFS
Result	Tolerance: 0.0010	Tol + bonus: 0.0010	Measured: 0.0002	

⊕	Circle Stage1-2 True Position			Accepted
Primary Datum	Plane 3	Condition:		RFS
Feature 1	Circle Stage1-2::Centre	Condition:	RFS	Accepted
Result	Tolerance: 0.0100	Tol + bonus: 0.0100	Measured: 0.0000	

⊕	Circle Stage0-1 True Position			Accepted
Primary Datum	Plane 3	Condition:		RFS
Feature 1	Circle Stage 0-1::Centre	Condition:	RFS	Accepted
Result	Tolerance: 0.0100	Tol + bonus: 0.0100	Measured: 0.0000	

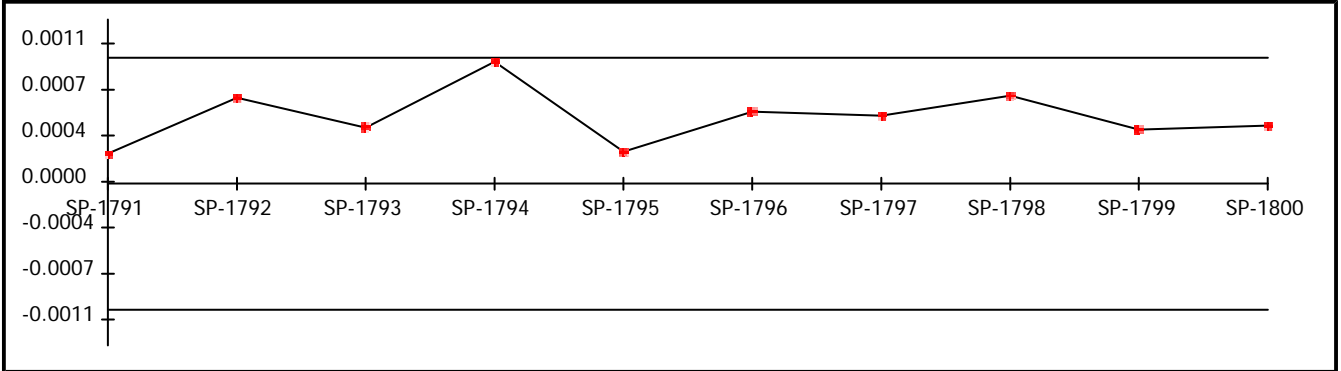
⊕	Circle 3, end of pin slot True Position			Error
Primary Datum	Plane 3	Condition:		RFS
Secondary Datum	Plane 4	Condition:		RFS
Feature 1	Circle 3, end of pin slot	Condition:		MMC
Result	The feature/datum using material condition is out of tolerance			

⊕	Circle 4 other end True Position			Out of Tolerance
Primary Datum	Plane 3	Condition:		RFS
Secondary Datum	Plane 4	Condition:		RFS
Feature 1	Circle 4, other end of pin slot::Centre	Condition:	MMC	Out of Tolerance
Result	Tolerance: 0.0010	Tol + bonus: 0.0010	Measured: 0.0072	

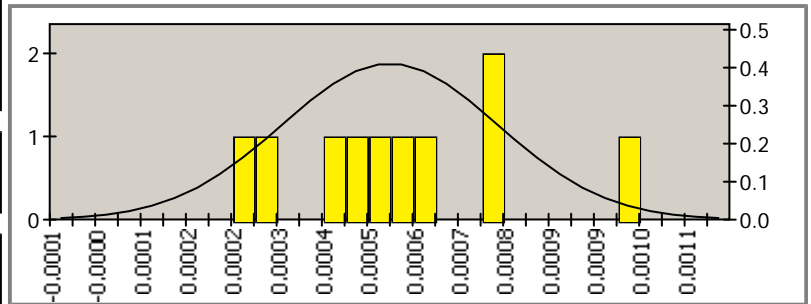
Surface Inspection Group 4 hole face

Datum - Geometric PLP Alignment 1

Name	Offset	Lo.Tol.	Hi.Tol.	X	Y	Z	dX	dY	dZ	DL
SP-1791	0.0000	-0.0010	0.0010	-2.3311	6.8266	2.4353	-0.0001	0.0002	0.0000	0.0002
SP-1792	0.0000	-0.0010	0.0010	-2.5828	6.6503	0.8798	-0.0004	0.0006	-0.0000	0.0007
SP-1793	0.0000	-0.0010	0.0010	-1.5120	7.4001	0.8505	-0.0003	0.0004	-0.0000	0.0004
SP-1794	0.0000	-0.0010	0.0010	-2.0926	6.9935	2.5827	-0.0006	0.0008	0.0000	0.0010
SP-1795	0.0000	-0.0010	0.0010	-3.3838	6.0894	2.2655	-0.0002	0.0002	-0.0000	0.0003
SP-1796	0.0000	-0.0010	0.0010	-3.3949	6.0817	0.6267	-0.0003	0.0005	-0.0000	0.0006
SP-1797	0.0000	-0.0010	0.0010	-1.8763	7.1450	0.8093	-0.0003	0.0004	-0.0000	0.0005
SP-1798	0.0000	-0.0010	0.0010	-1.9103	7.1212	2.2607	-0.0004	0.0006	0.0000	0.0007
SP-1799	0.0000	-0.0010	0.0010	-0.5480	8.0751	2.2978	-0.0002	0.0003	-0.0000	0.0004
SP-1800	0.0000	-0.0010	0.0010	-0.5878	8.0472	1.0406	-0.0003	0.0004	-0.0000	0.0005



Number of points	10
Out of tolerance	0
Performance	100%
Mean	0.0005
Std. Deviation	0.0002
Max. Value	0.0010
Min. Value	0.0002



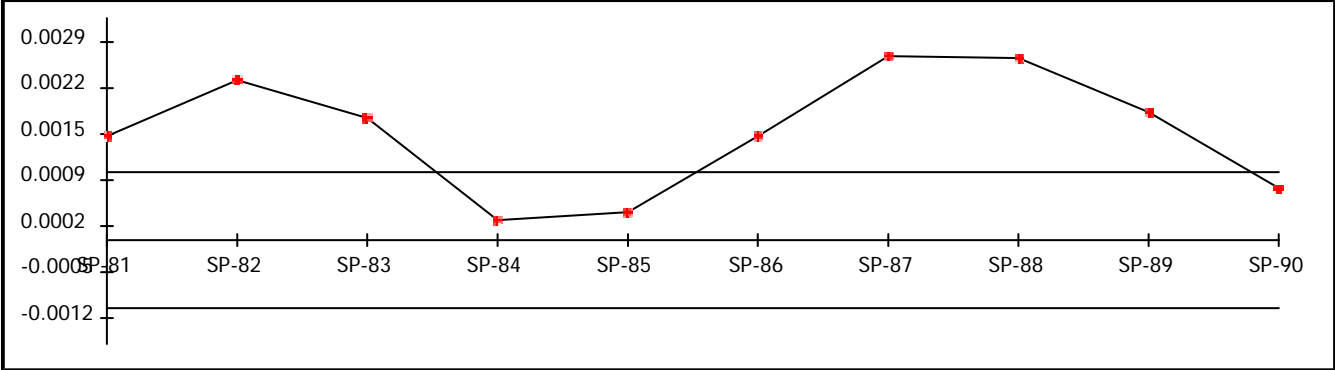
Surface Inspection Group Top Face

Datum - Geometric PLP Alignment 1

Name	Offset	Lo.Tol.	Hi.Tol.	X	Y	Z	dX	dY	dZ	DL
SP-81	0.0000	-0.0010	0.0010	-0.2893	4.7203	3.0000	0.0000	0.0000	0.0015	0.0015
SP-82	0.0000	-0.0010	0.0010	-0.0448	2.8629	3.0000	-0.0000	0.0000	0.0024	0.0024
SP-83	0.0000	-0.0010	0.0010	1.1749	5.5948	3.0000	-0.0000	-0.0000	0.0018	0.0018
SP-84	0.0000	-0.0010	0.0010	-2.9603	5.7938	3.0000	-0.0000	0.0000	0.0003	0.0003
SP-85	0.0000	-0.0010	0.0010	-1.5629	6.1526	3.0000	0.0000	0.0000	0.0004	0.0004
SP-86	0.0000	-0.0010	0.0010	-0.4010	4.7393	3.0000	-0.0000	0.0000	0.0015	0.0015
SP-87	0.0000	-0.0010	0.0010	-0.7085	3.0992	3.0000	0.0000	0.0000	0.0027	0.0027
SP-88	0.0000	-0.0010	0.0010	1.0017	3.0722	3.0000	0.0000	-0.0000	0.0027	0.0027
SP-89	0.0000	-0.0010	0.0010	1.1033	5.3870	3.0000	-0.0000	-0.0000	0.0019	0.0019
SP-90	0.0000	-0.0010	0.0010	0.0629	6.9829	3.0000	-0.0000	0.0000	0.0008	0.0008

Surface Inspection Group Top Face

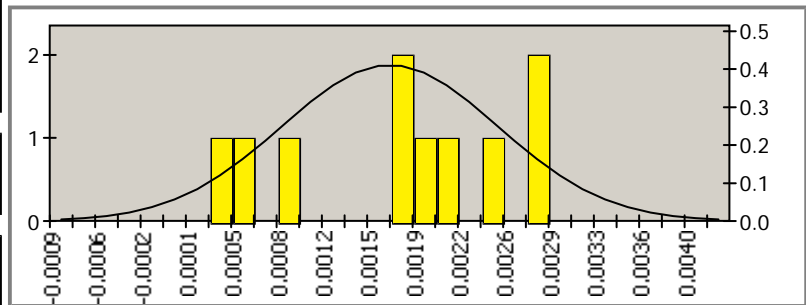
Datum - Geometric PLP Alignment 1



Number of points	10
Out of tolerance	7
Performance	30%

Mean	0.0016
Std. Deviation	0.0008

Max. Value	0.0027
Min. Value	0.0003



Number of controlled parts	1
Inspector's name	Inspector's name