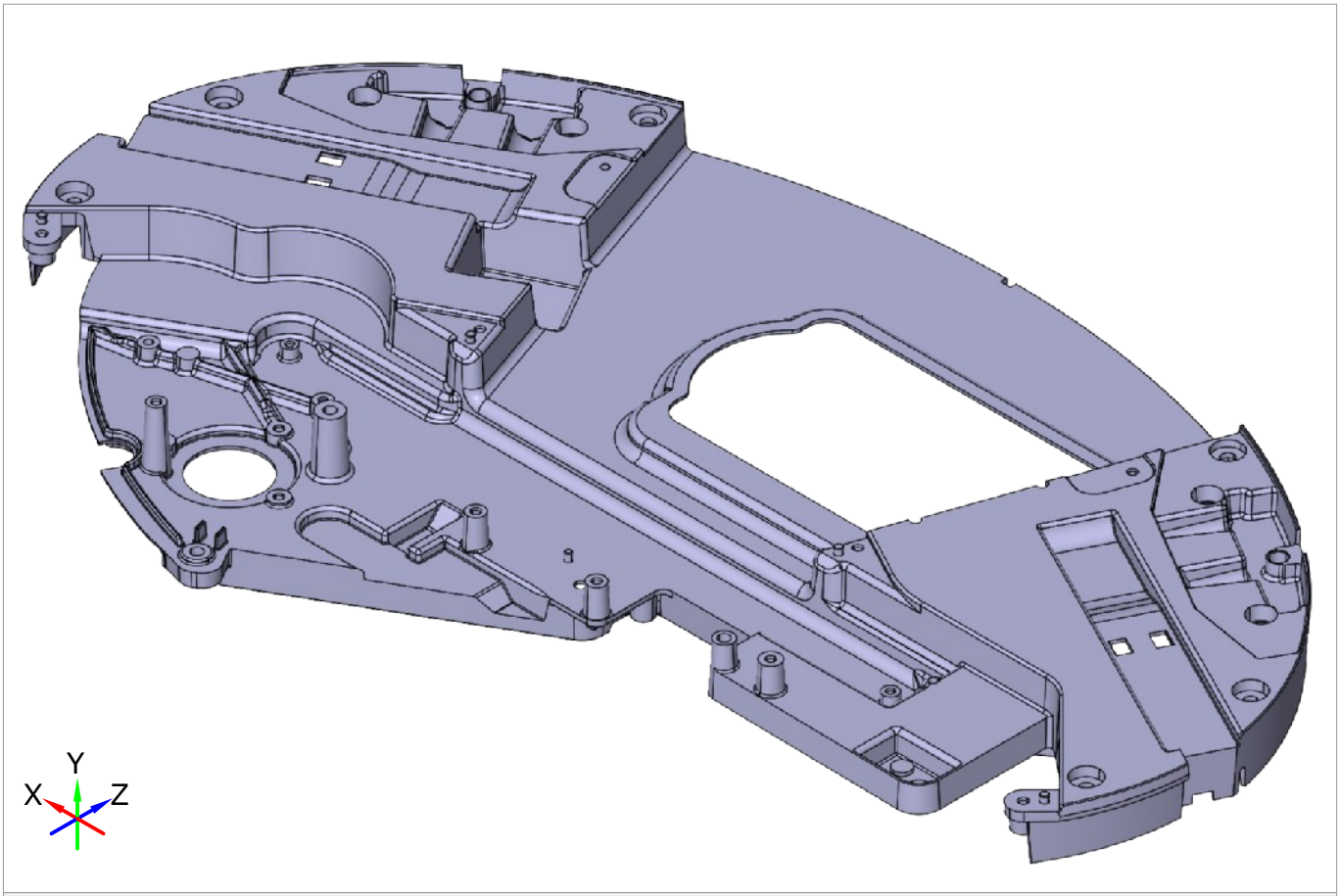
Multimedia Component



Prealignment Längeneinheit: mm

Prüfer: de

Firma: WESTCAM Datentechnik GmbH

Abteilung: Messtechnik & Engineering

Ort: Mils

Datum:

System: GOM ATOS

Kunde: Demo

Projekt: Vermessung Casting

Bauteil: Mutimedia Component

Teile-Nr.: 899

Datenstand: 4455-7a.stp

Chargen-Nr.: 233

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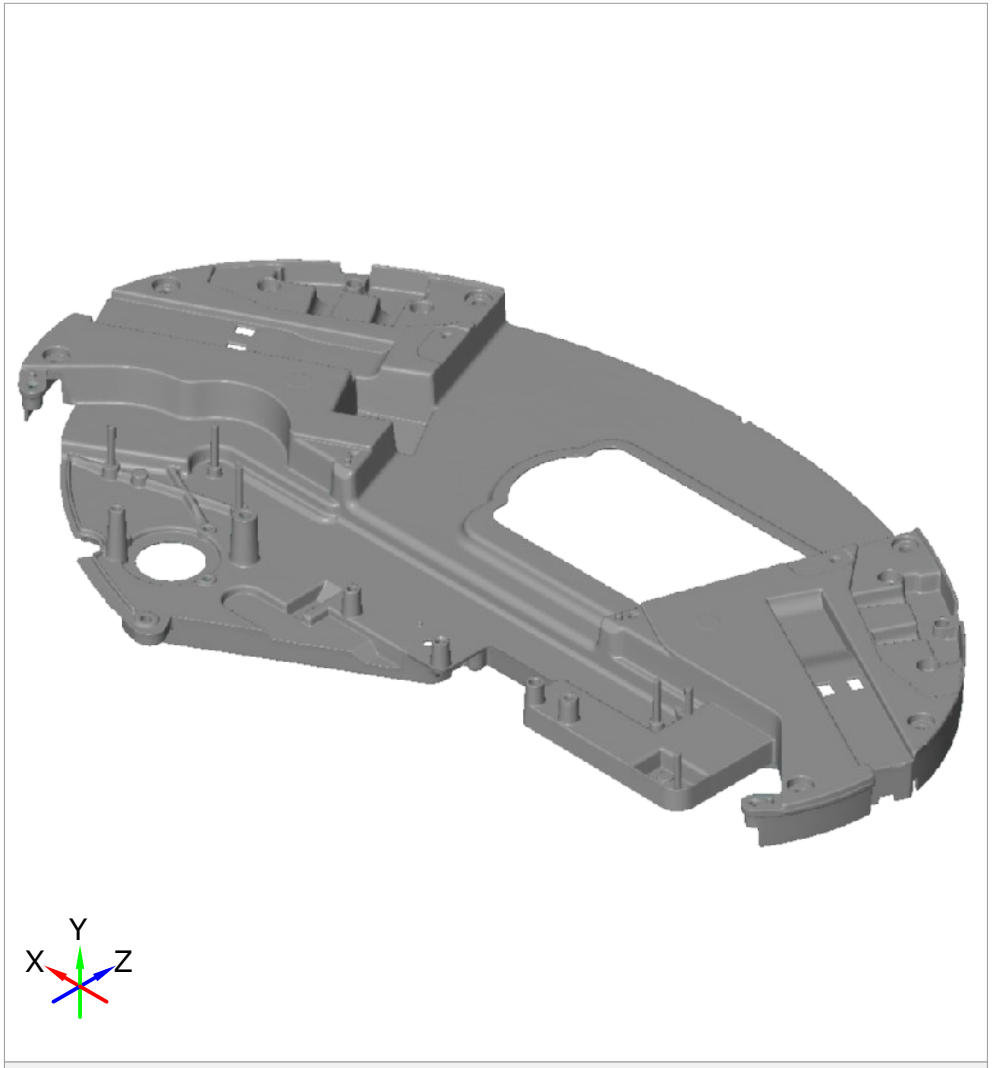
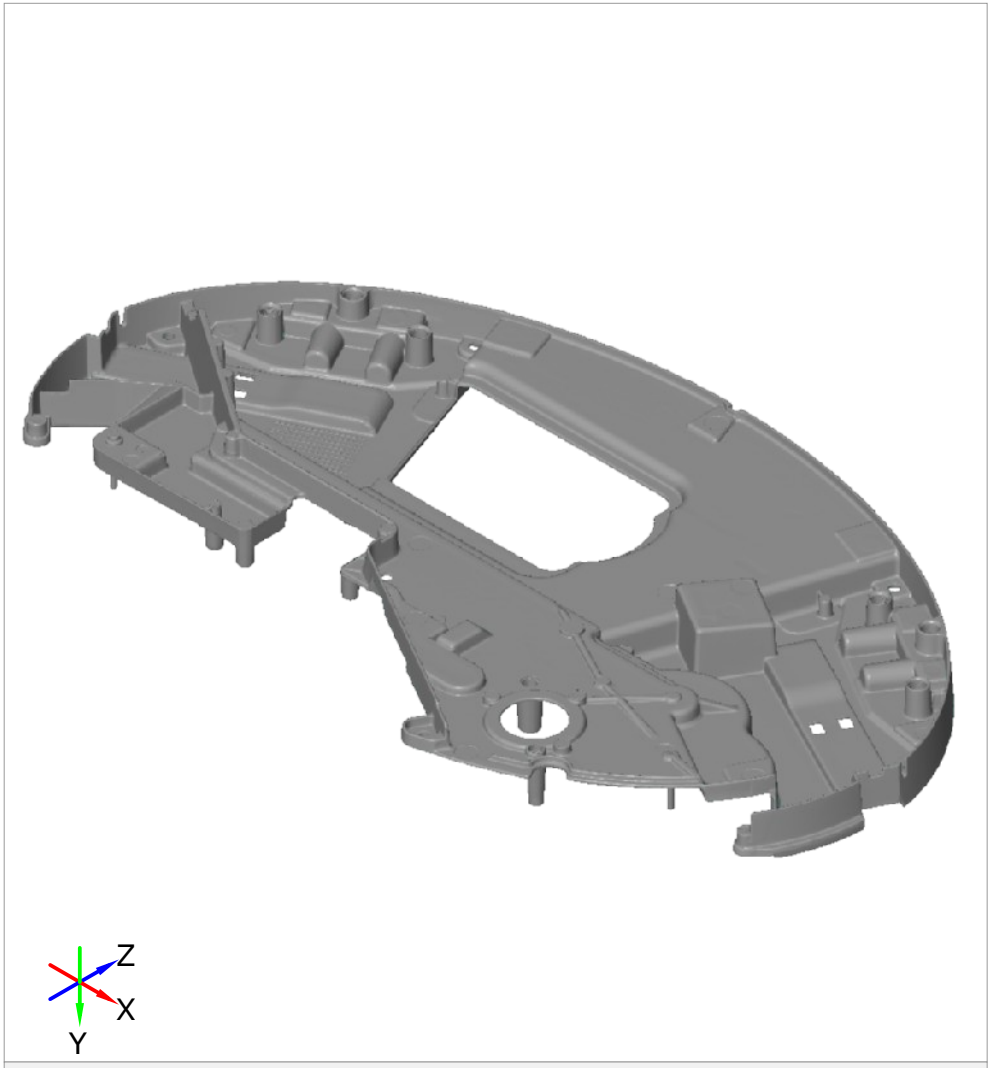
Measurement Data

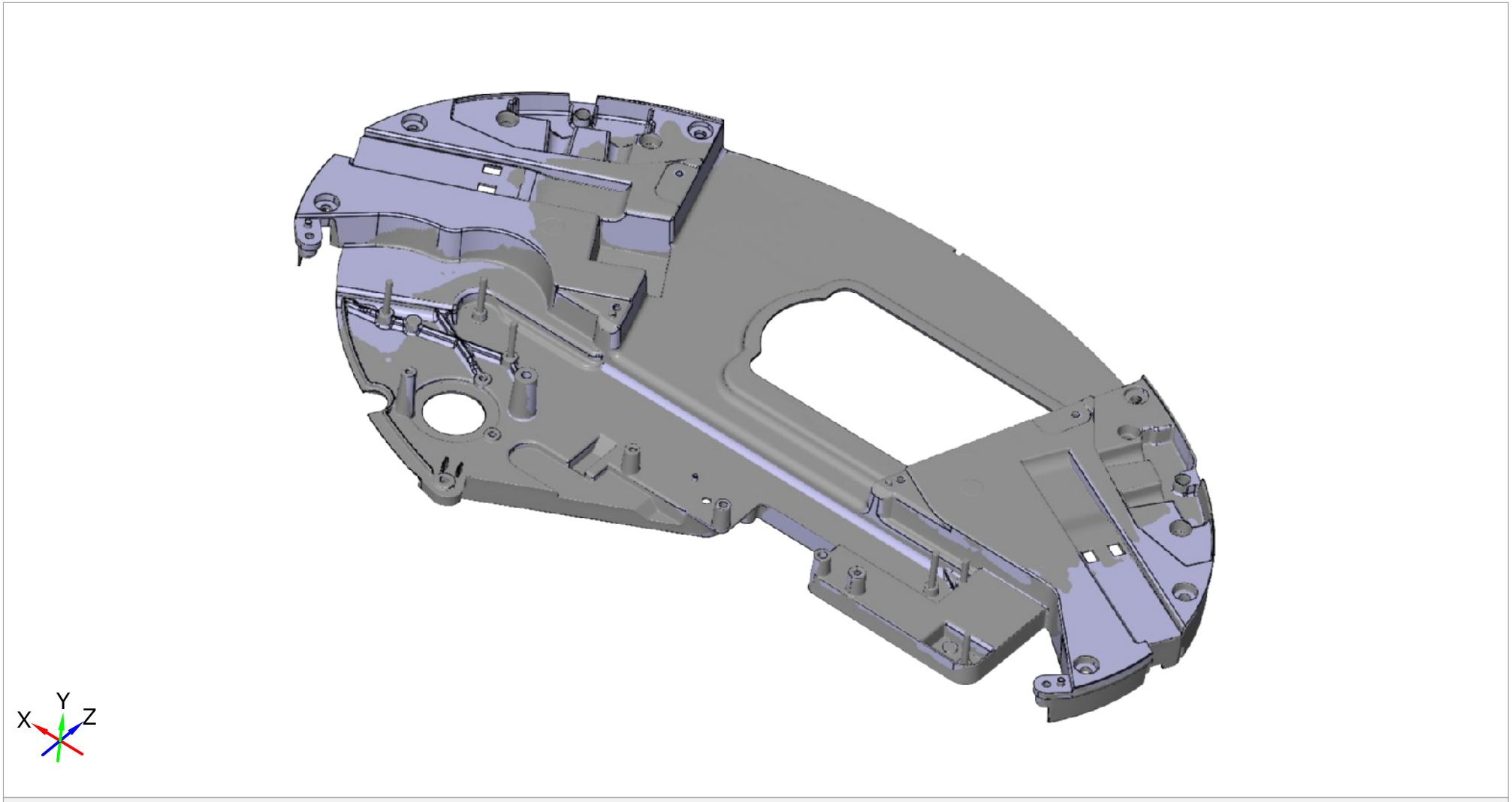


Prealignment Längeneinheit: mm



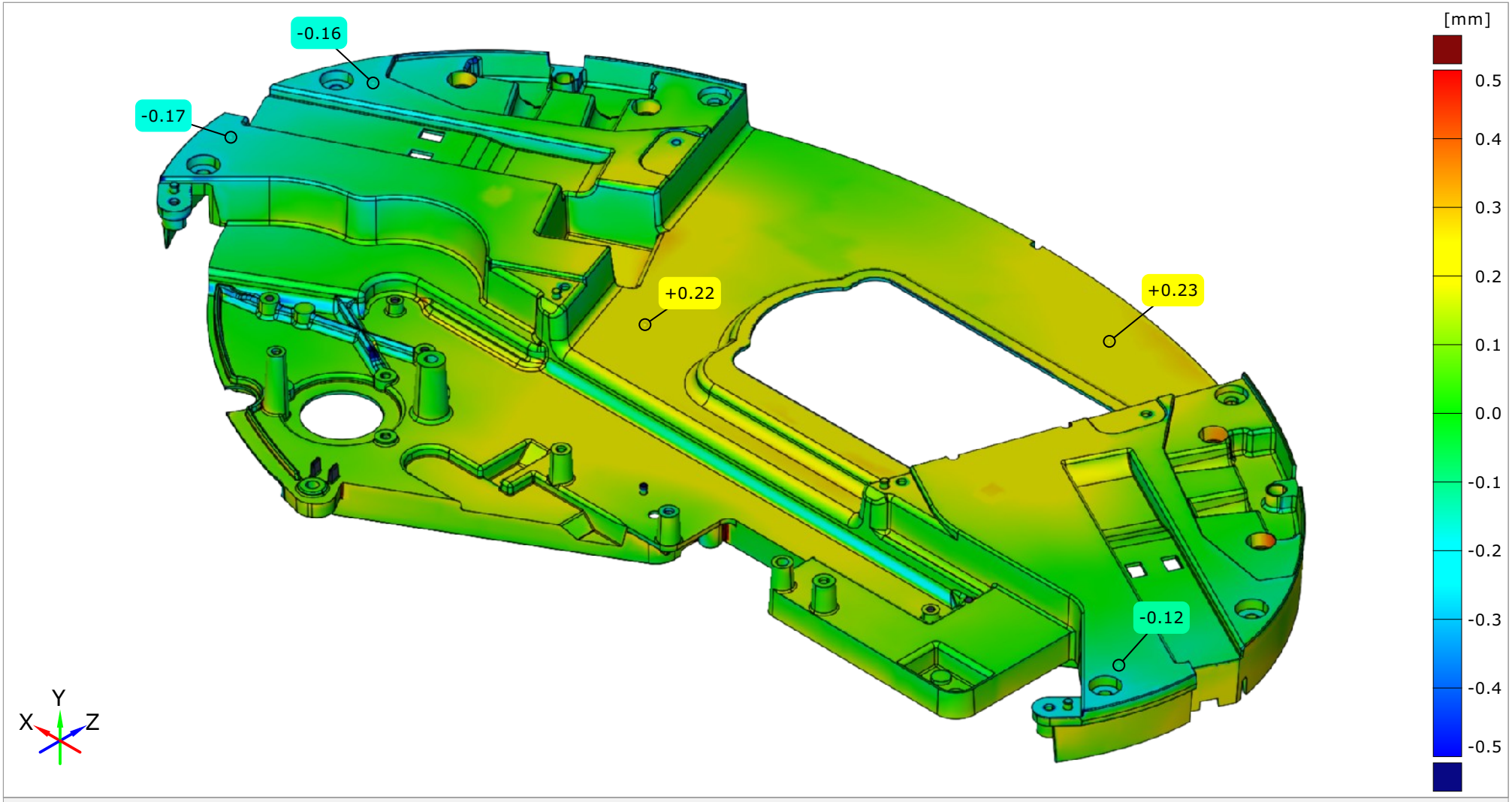
Prealignment Längeneinheit: mm

Robust Alignment



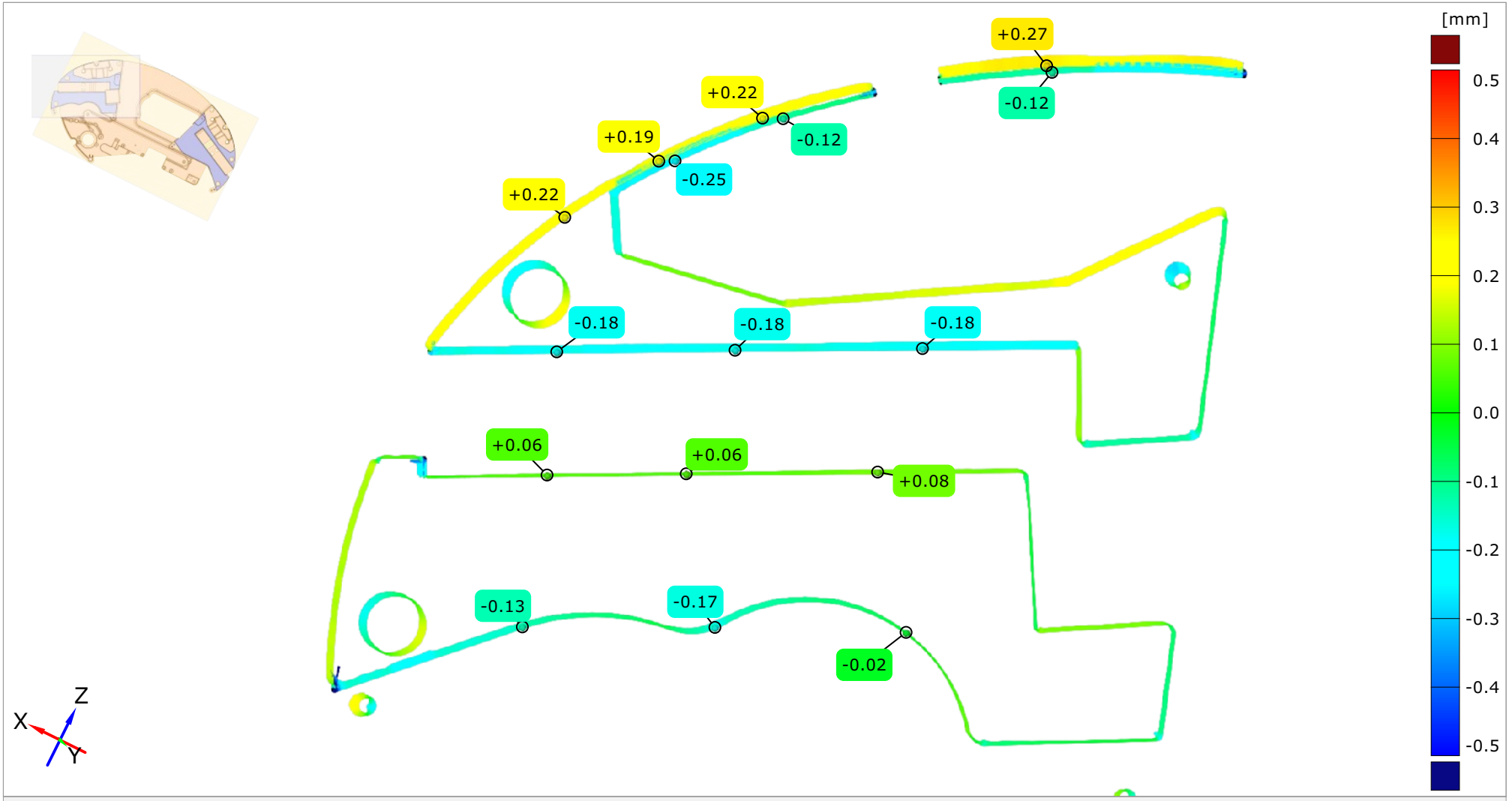
Global Best Fit (complete part) Längeneinheit: mm

Surface Comparison



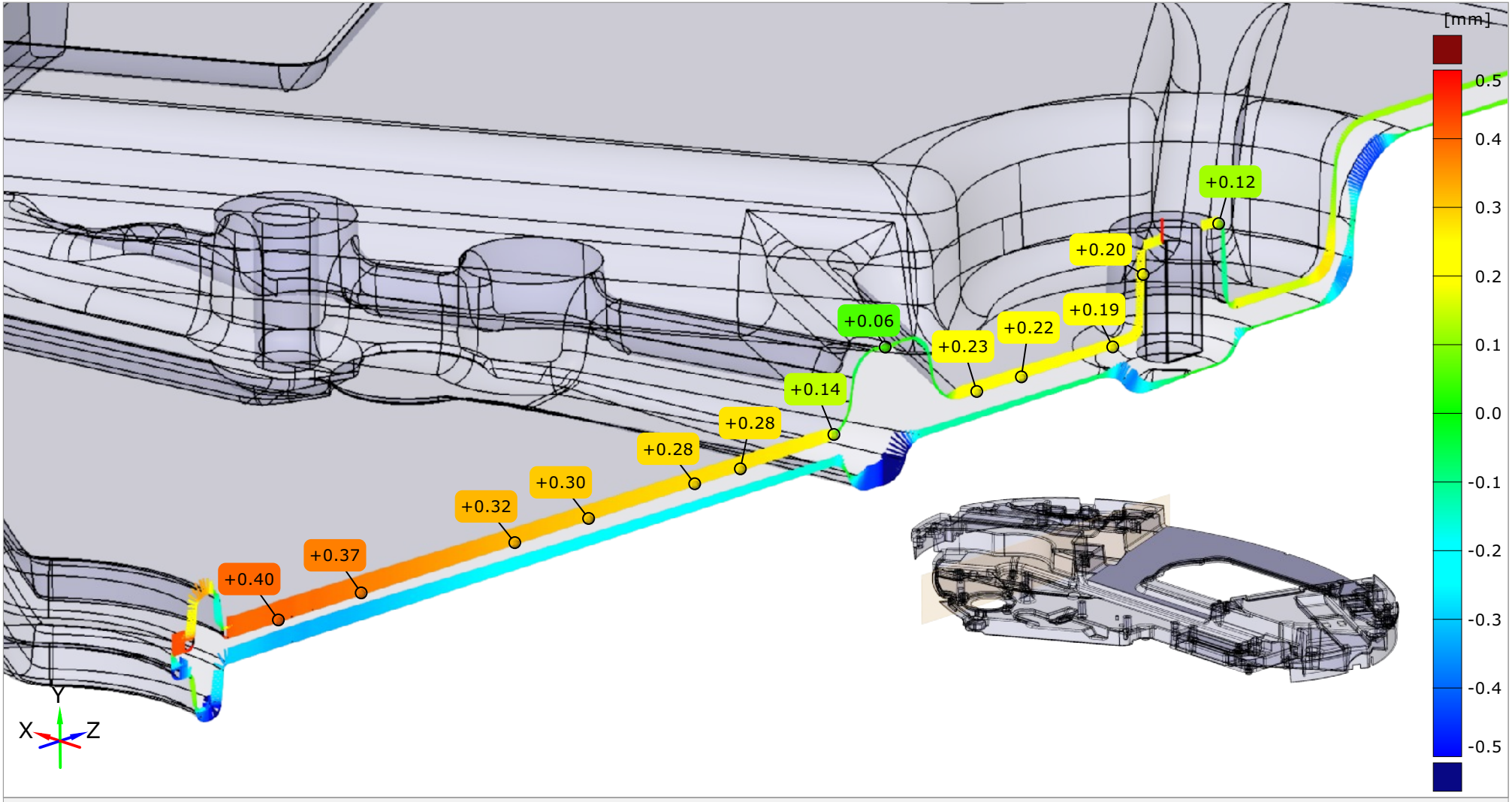
Global Best Fit (complete part) Längeneinheit: mm

Inspection Section



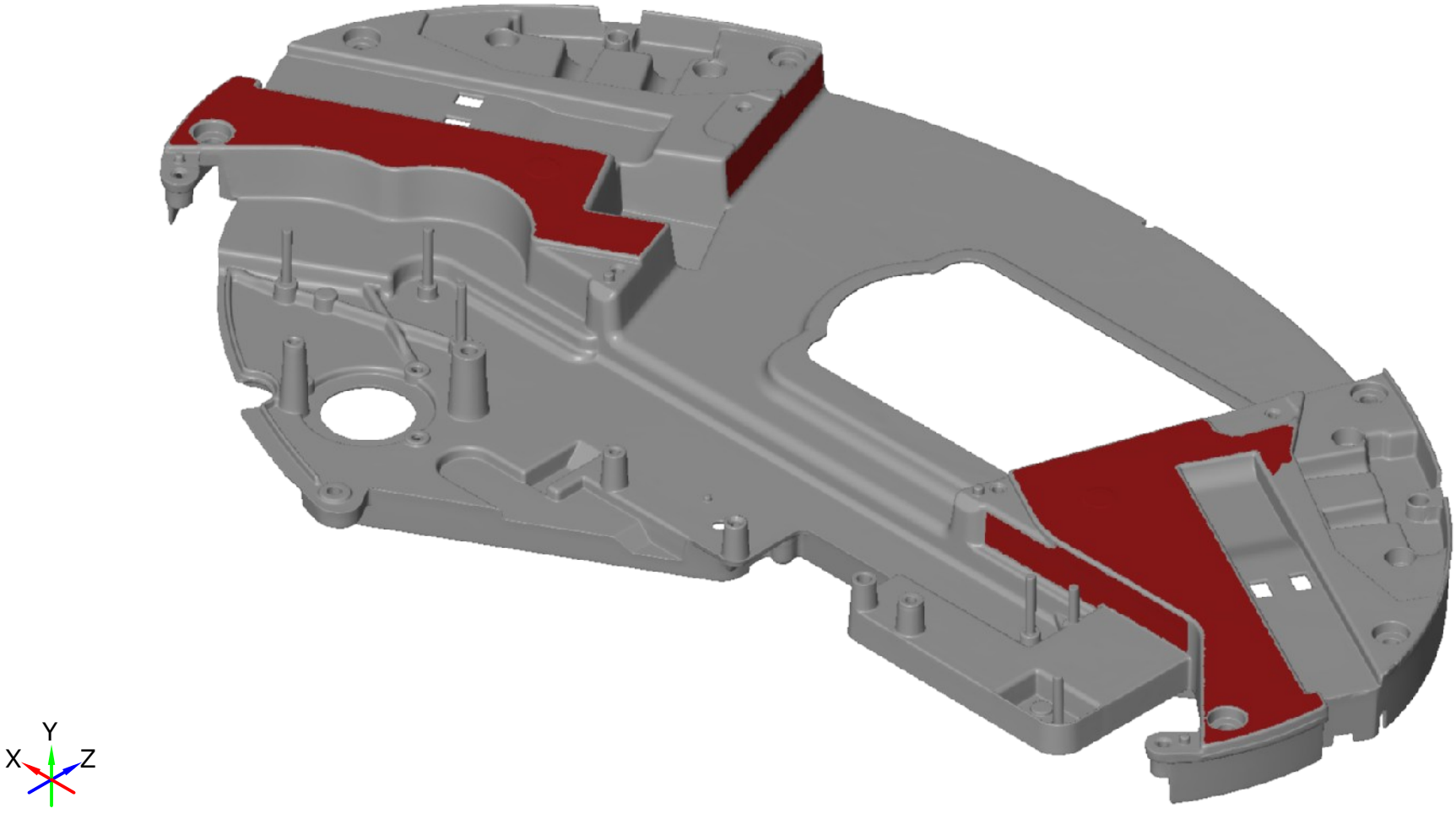
Global Best Fit (complete part) Längeneinheit: mm

Inspection Section - Transparent CAD



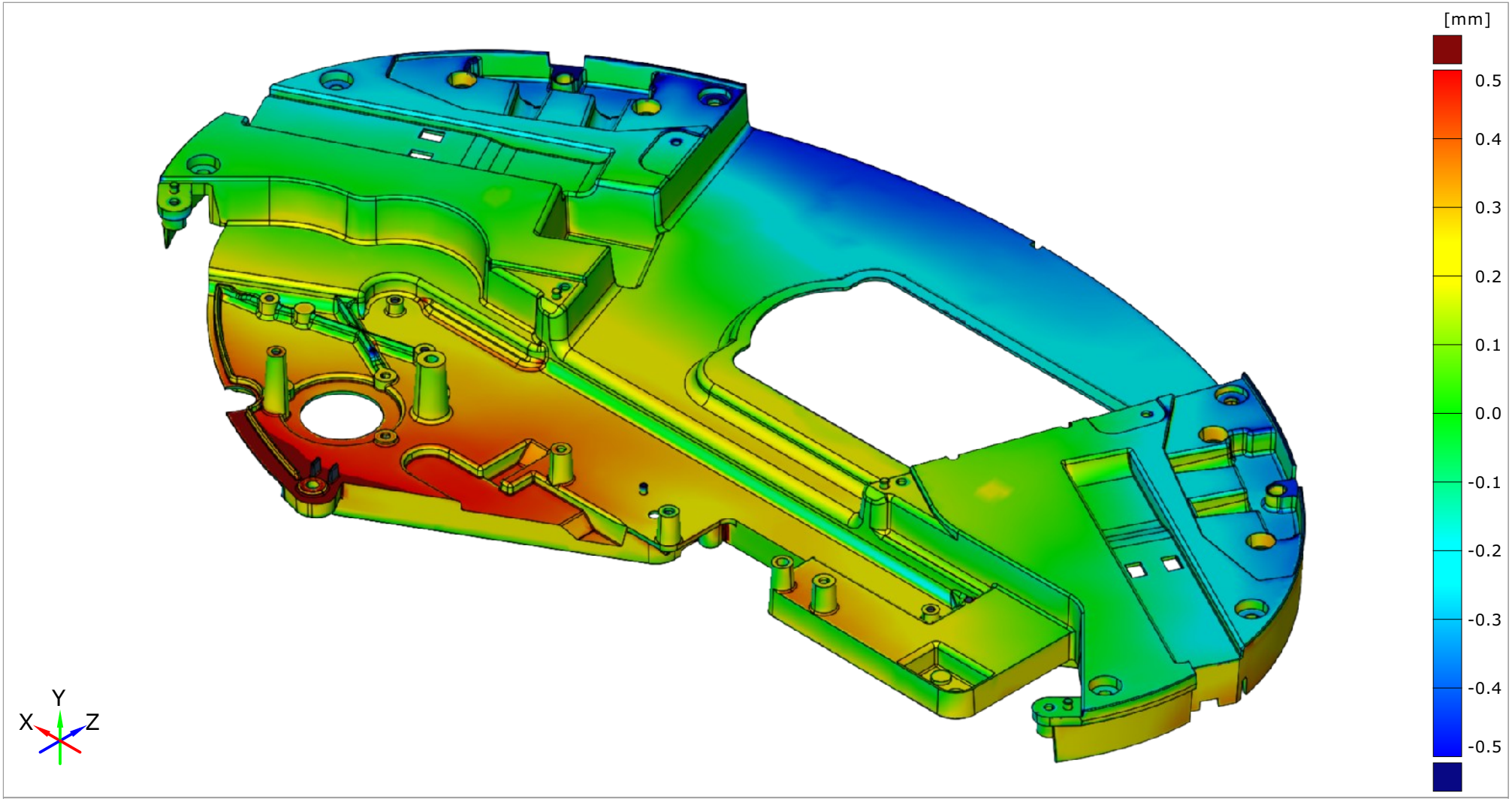
Local Best Fit (selected planes) Längeneinheit: mm

Local Best Fit



Local Best Fit (selected planes) Längeneinheit: mm

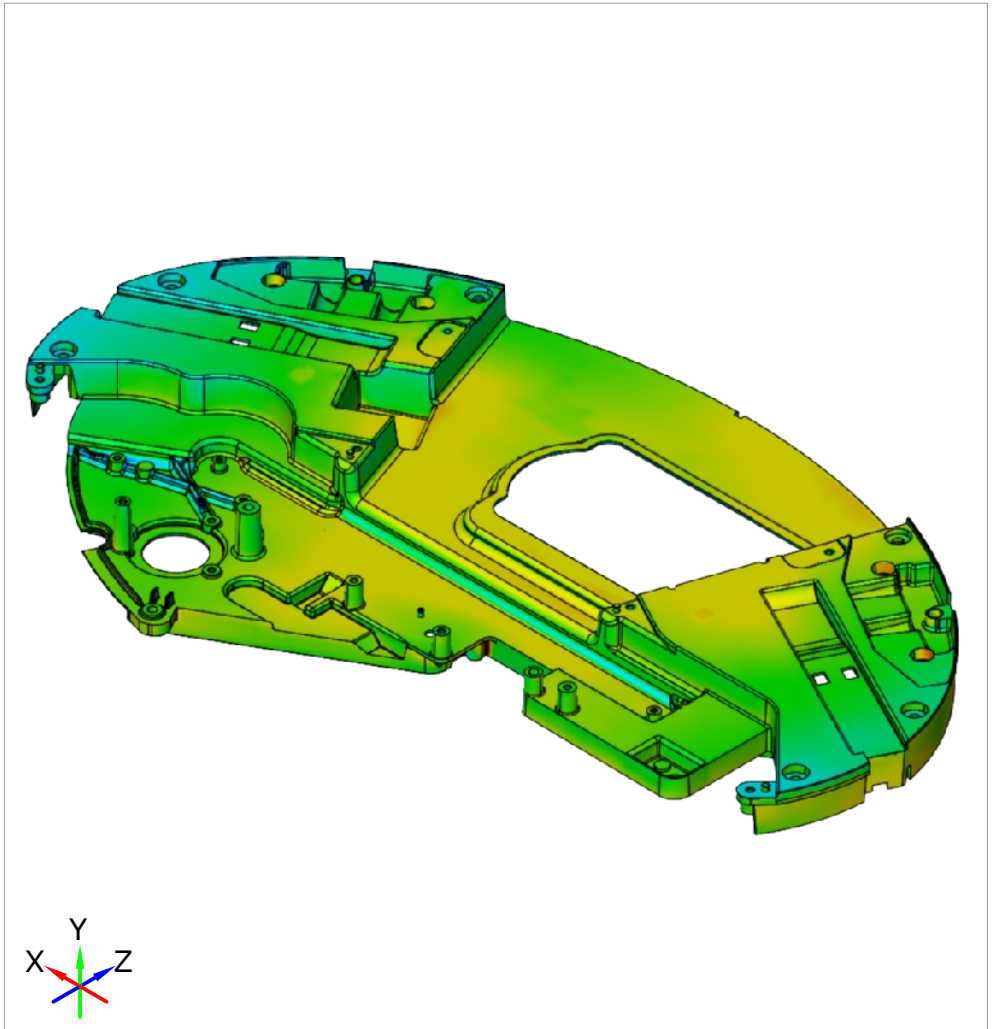
Surface Comparison



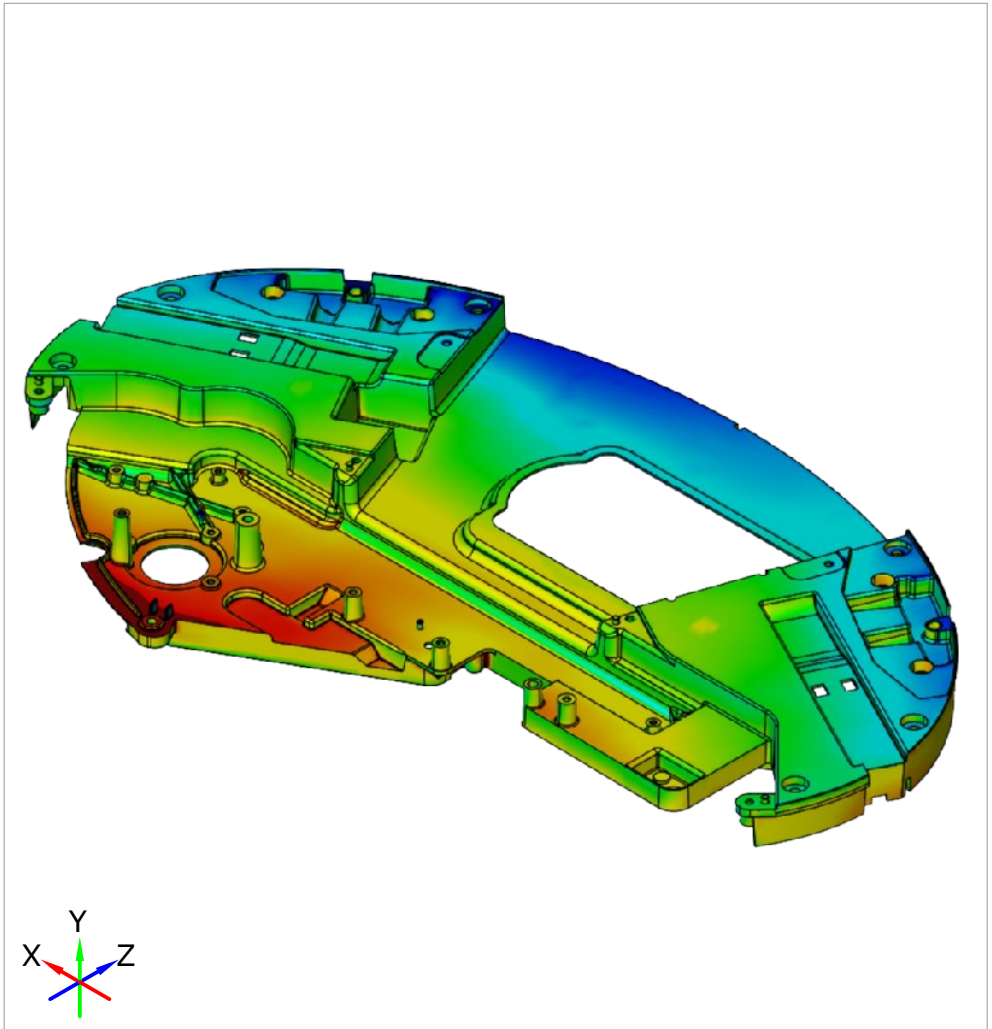
Local Best Fit (selected planes)

Längeneinheit: mm

Multi Alignment - Global Best Fit / Lokal Best Fit

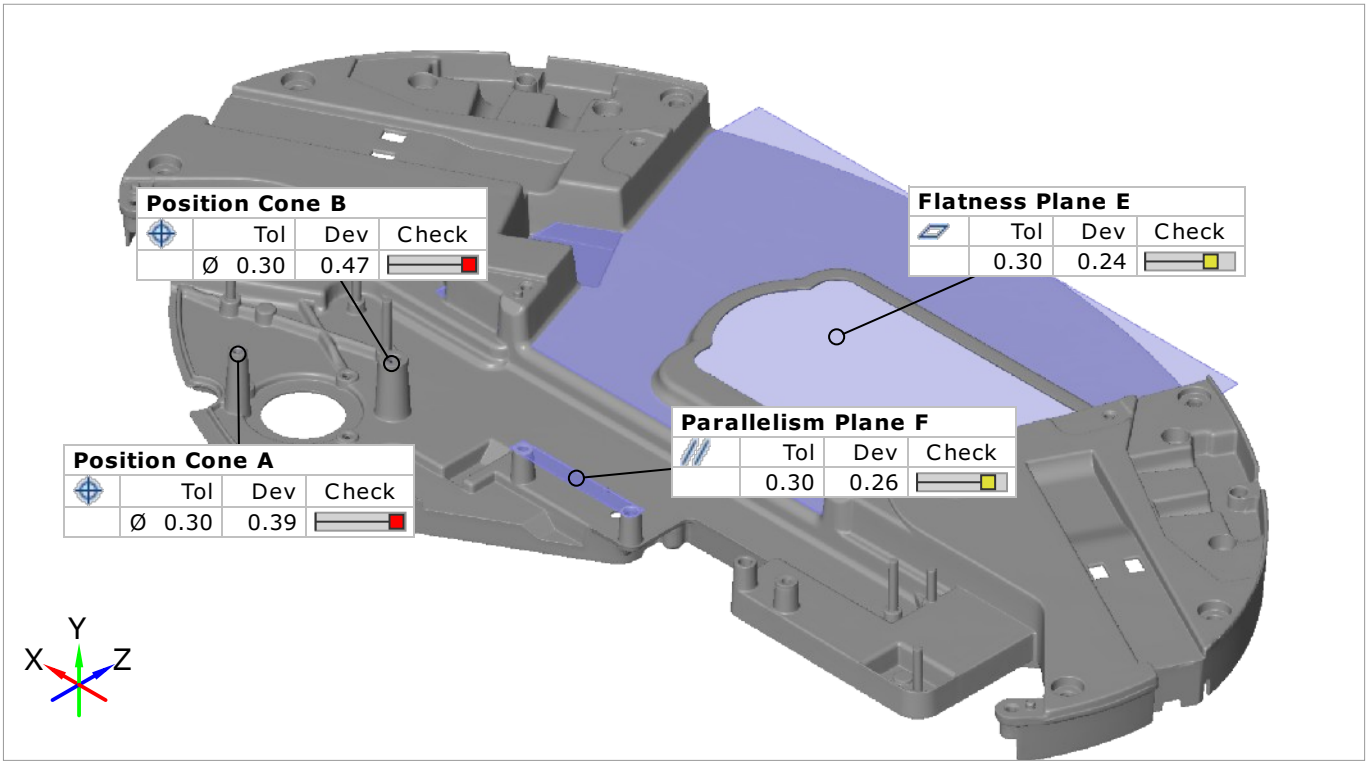


Global Best Fit (complete part) Längeneinheit: mm



Local Best Fit (selected planes) Längeneinheit: mm

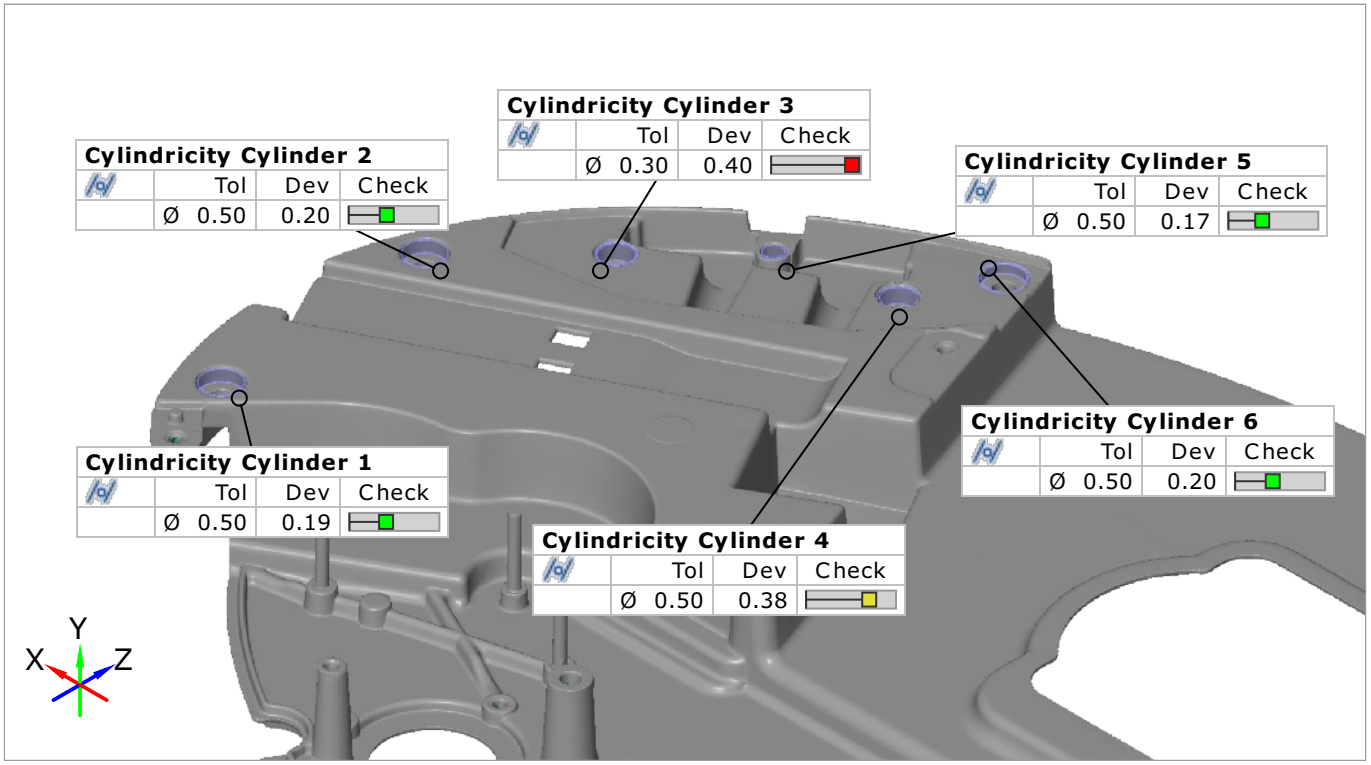
GD&T - Position



Element	Property	Nominal	Actual	Tol -	Tol +	Dev	Check	Out
Plane E		+0.00	+0.24	+0.00	+0.30	+0.24		
Plane F		+0.00	+0.26	+0.00	+0.30	+0.26		
Cone A	Ø	+0.00	+0.39	+0.00	+0.30	+0.39		+0.09
Cone B	Ø	+0.00	+0.47	+0.00	+0.30	+0.47		+0.17

Local Best Fit (selected planes) Längeneinheit: mm

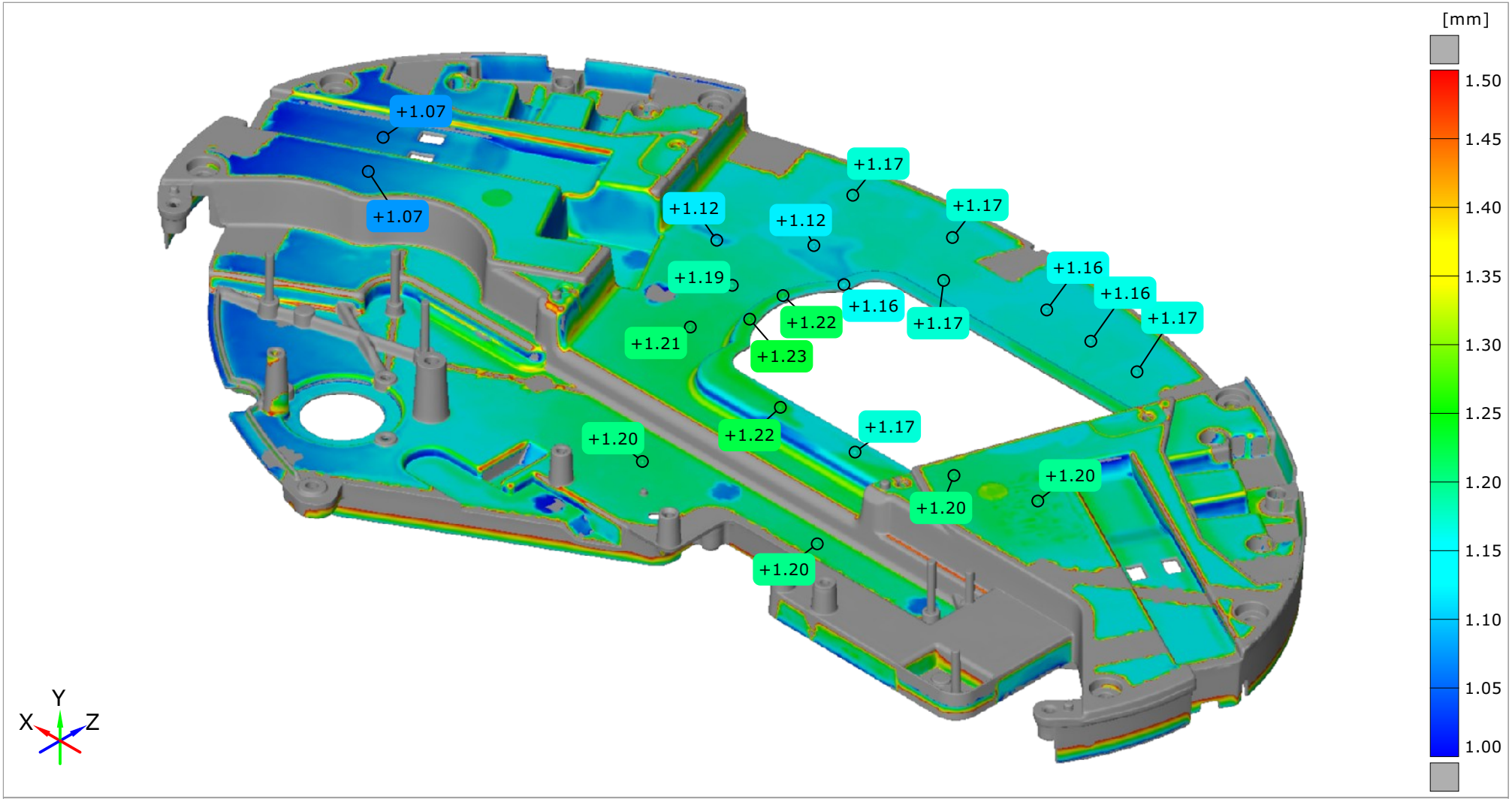
GD&T - Cylindricity



Element	Property	Nominal	Actual	Tol -	Tol +	Dev	Check	Out
Cylinder 1		+0.00	+0.19	+0.00	+0.50	+0.19		
Cylinder 2		+0.00	+0.20	+0.00	+0.50	+0.20		
Cylinder 3		+0.00	+0.40	+0.00	+0.30	+0.40		+0.10
Cylinder 4		+0.00	+0.38	+0.00	+0.50	+0.38		
Cylinder 5		+0.00	+0.17	+0.00	+0.50	+0.17		
Cylinder 6		+0.00	+0.20	+0.00	+0.50	+0.20		

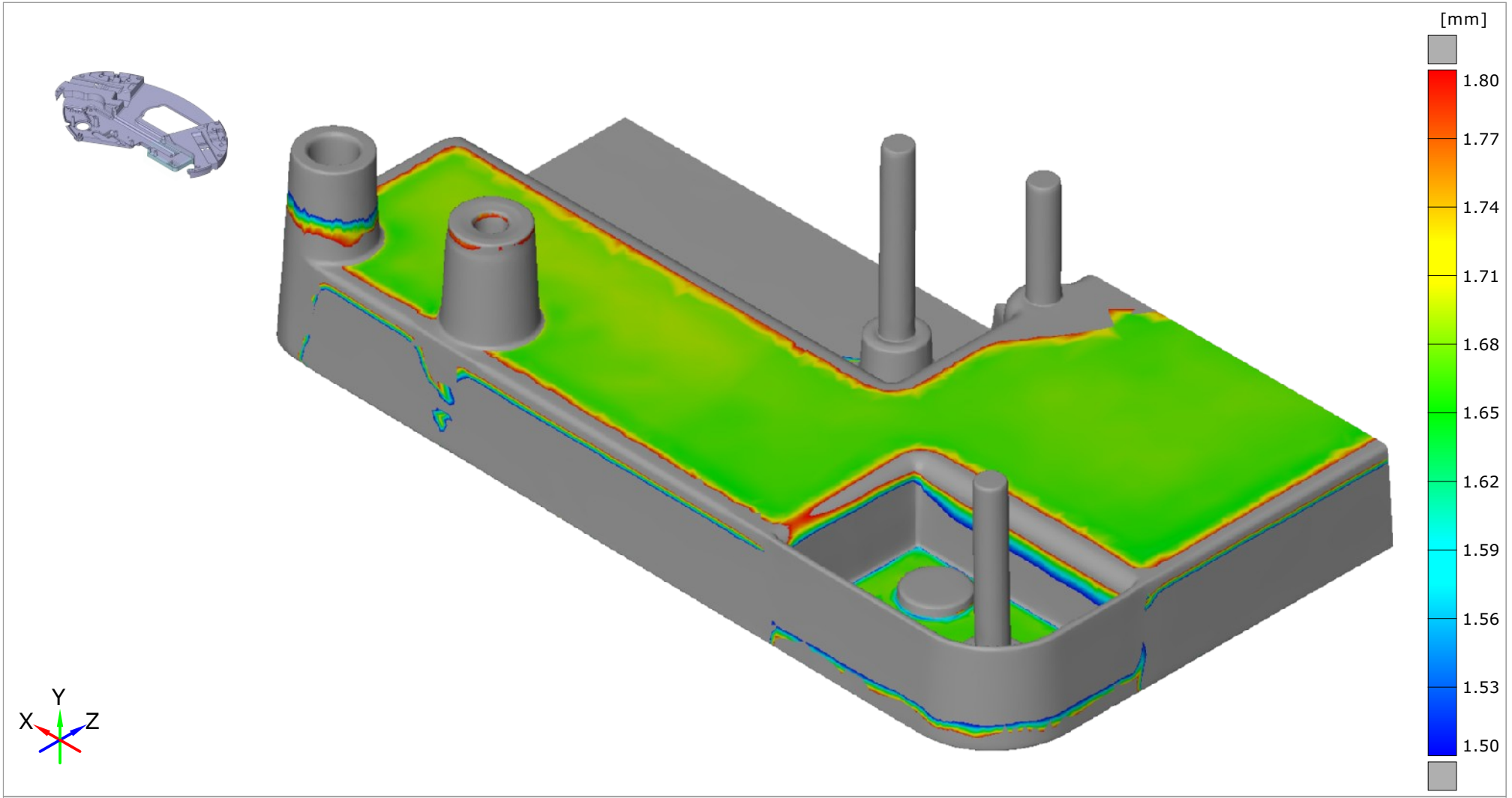
Local Best Fit (selected planes) Längeneinheit: mm

Material Thickness



Local Best Fit (selected planes) Längeneinheit: mm

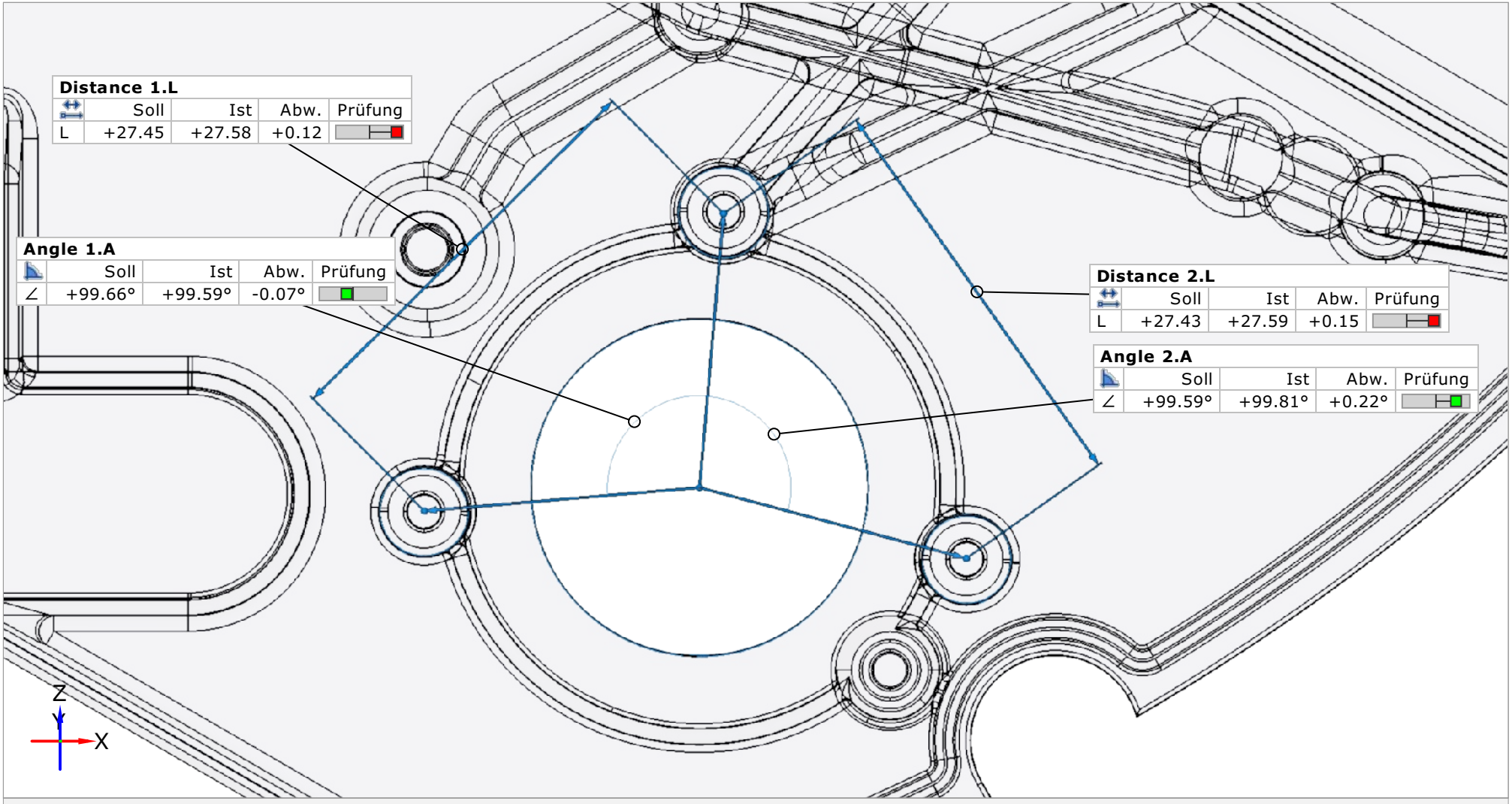
Material Thickness - Detail



Local Best Fit (selected planes)

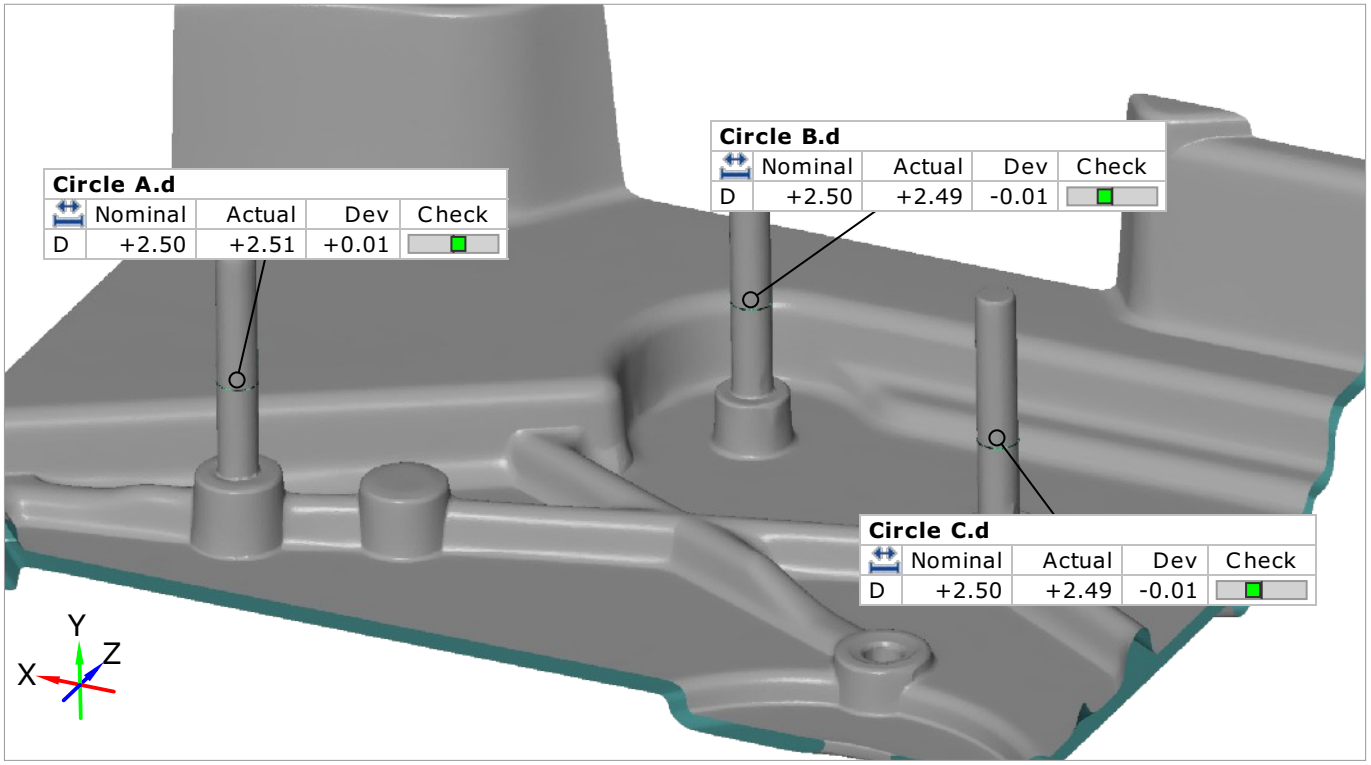
Längeneinheit: mm

Dimensions



Global Best Fit (complete part) Längeneinheit: mm

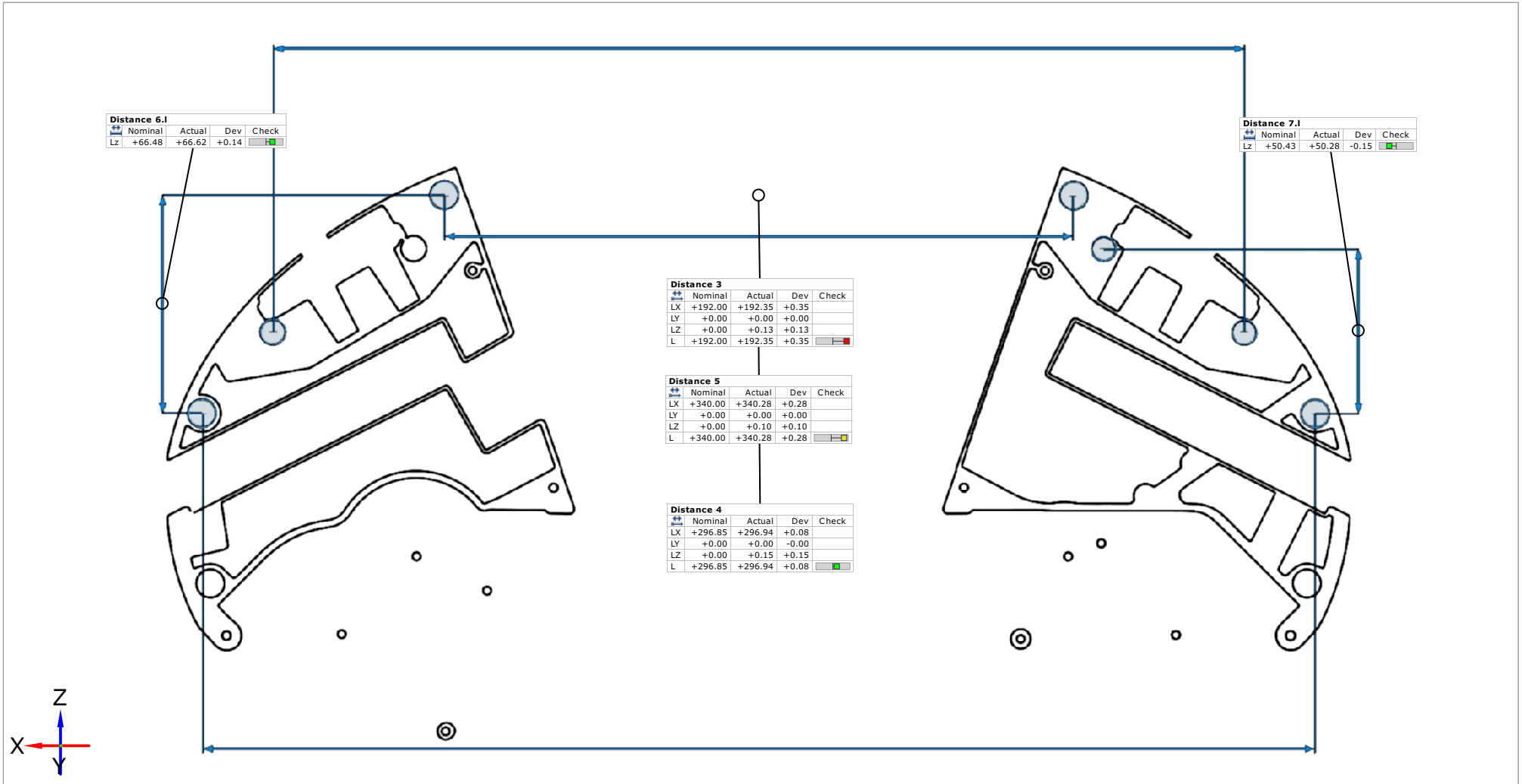
Diameters



Element	Property	Nominal	Actual	Tol -	Tol +	Dev	Check	Out
Circle A	D	+2.50	+2.51	-0.05	+0.05	+0.01		
Circle B	D	+2.50	+2.49	-0.05	+0.05	-0.01		
Circle C	D	+2.50	+2.49	-0.05	+0.05	-0.01		

Global Best Fit (complete part) Längeneinheit: mm

Distances



Global Best Fit (complete part) Längeneinheit: mm

Circle Inspection

Circle 1

	Nominal	Actual	Dev	Check
d			+0.19	
X	+148.43	+148.55	+0.12	
Y	+37.50	+37.50	+0.00	
Z	+52.44	+52.29	-0.15	
D	+7.65	+7.63	-0.02	

Circle 2

	Nominal	Actual	Dev	Check
d			+0.26	
X	+96.00	+96.14	+0.14	
Y	+37.50	+37.50	+0.00	
Z	+93.89	+94.11	+0.22	
D	+8.65	+8.67	+0.02	

Circle 6

	Nominal	Actual	Dev	Check
d			+0.30	
X	-148.43	-148.39	+0.03	
Y	+37.50	+37.50	+0.00	
Z	+52.44	+52.14	-0.30	
D	+7.65	+7.41	-0.24	

Circle 4

	Nominal	Actual	Dev	Check
d			+0.23	
X	-96.00	-96.21	-0.21	
Y	+37.50	+37.50	+0.00	
Z	+93.89	+93.98	+0.09	
D	+8.65	+8.64	-0.02	

Circle 3

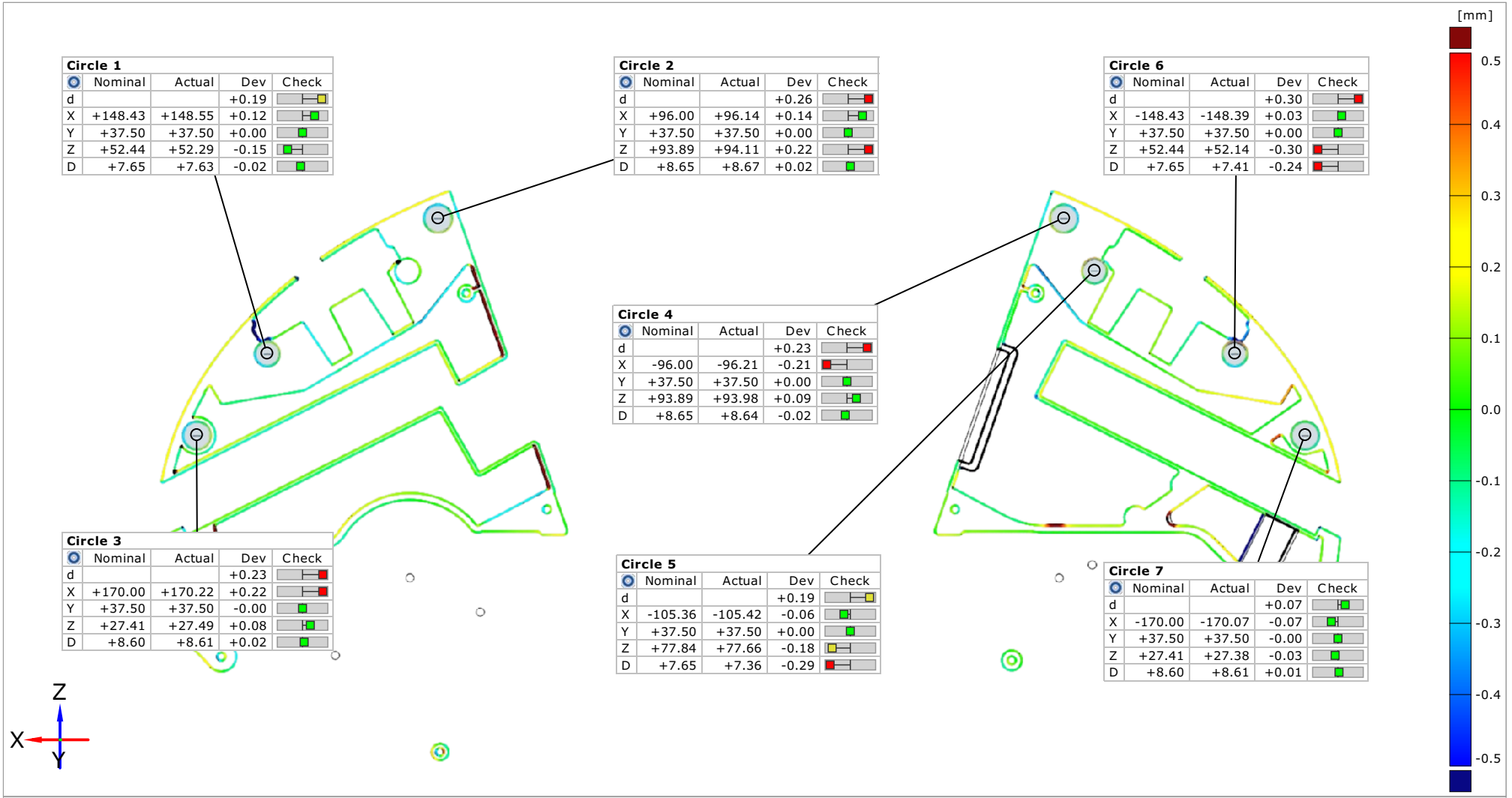
	Nominal	Actual	Dev	Check
d			+0.23	
X	+170.00	+170.22	+0.22	
Y	+37.50	+37.50	-0.00	
Z	+27.41	+27.49	+0.08	
D	+8.60	+8.61	+0.02	

Circle 5

	Nominal	Actual	Dev	Check
d			+0.19	
X	-105.36	-105.42	-0.06	
Y	+37.50	+37.50	+0.00	
Z	+77.84	+77.66	-0.18	
D	+7.65	+7.36	-0.29	

Circle 7

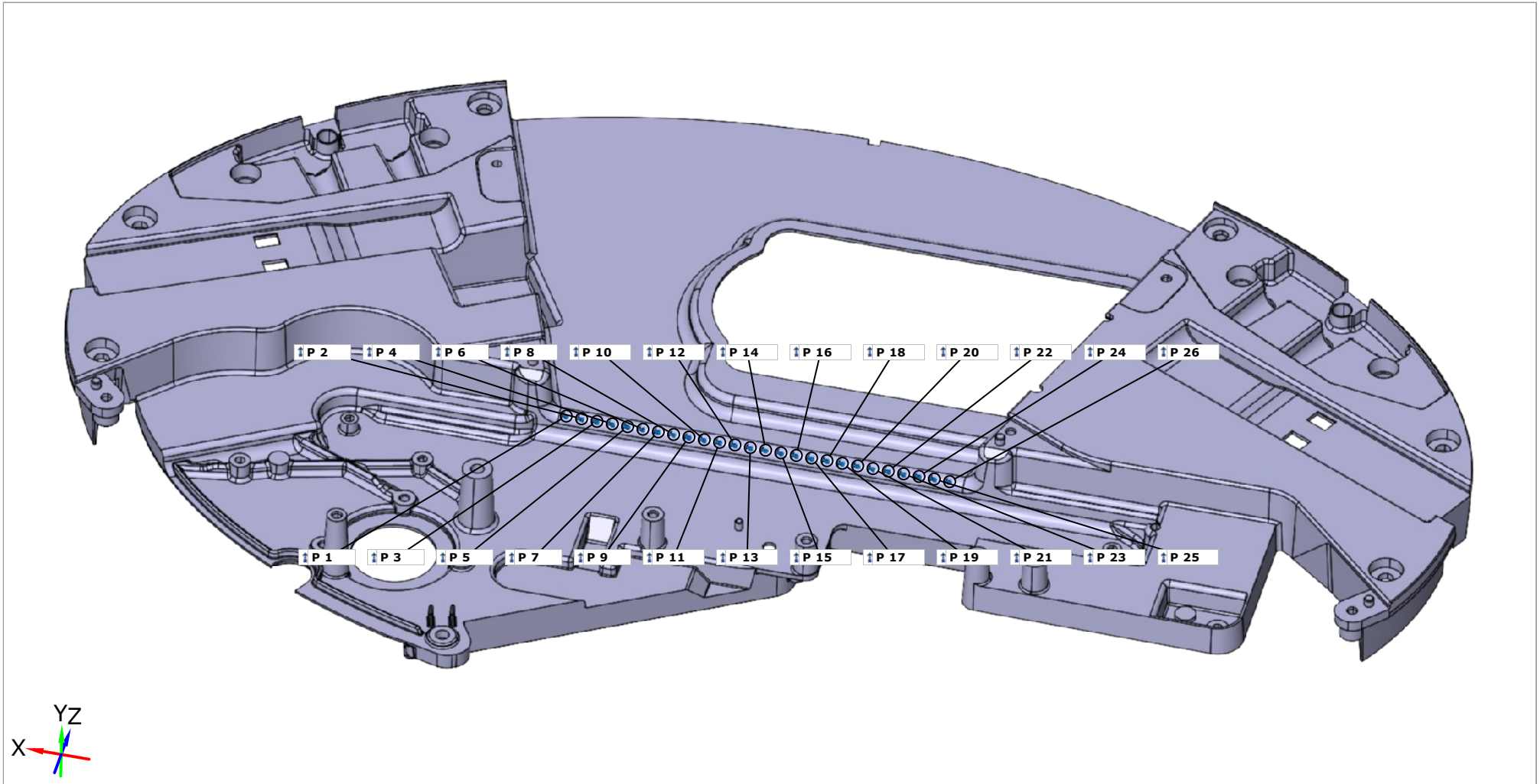
	Nominal	Actual	Dev	Check
d			+0.07	
X	-170.00	-170.07	-0.07	
Y	+37.50	+37.50	-0.00	
Z	+27.41	+27.38	-0.03	
D	+8.60	+8.61	+0.01	



Global Best Fit (complete part)

Längeneinheit: mm

Point Inspection



Global Best Fit (complete part) Längeneinheit: mm

Point Inspection

Element	Property	Nominal	Actual	Tol -	Tol +	Dev	Check	Out
P 1	n			-0.20	+0.20	+0.11		
P 2	n			-0.20	+0.20	+0.12		
P 3	n			-0.20	+0.20	+0.13		
P 4	n			-0.20	+0.20	+0.14		
P 5	n			-0.20	+0.20	+0.14		
P 6	n			-0.20	+0.20	+0.15		
P 7	n			-0.20	+0.20	+0.15		
P 8	n			-0.20	+0.20	+0.14		
P 9	n			-0.20	+0.20	+0.15		
P 10	n			-0.20	+0.20	+0.15		
P 11	n			-0.20	+0.20	+0.15		
P 12	n			-0.20	+0.20	+0.15		
P 13	n			-0.20	+0.20	+0.15		
P 14	n			-0.20	+0.20	+0.14		
P 15	n			-0.20	+0.20	+0.14		
P 16	n			-0.20	+0.20	+0.15		
P 17	n			-0.20	+0.20	+0.15		
P 18	n			-0.20	+0.20	+0.14		
P 19	n			-0.20	+0.20	+0.15		
P 20	n			-0.20	+0.20	+0.15		
P 21	n			-0.20	+0.20	+0.15		
P 22	n			-0.20	+0.20	+0.14		
P 23	n			-0.20	+0.20	+0.14		
P 24	n			-0.20	+0.20	+0.14		
P 25	n			-0.20	+0.20	+0.13		
P 26	n			-0.20	+0.20	+0.12		

Global Best Fit (complete part) Längeneinheit: mm

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