

# Quindos Measuring Report



3D-Application Center

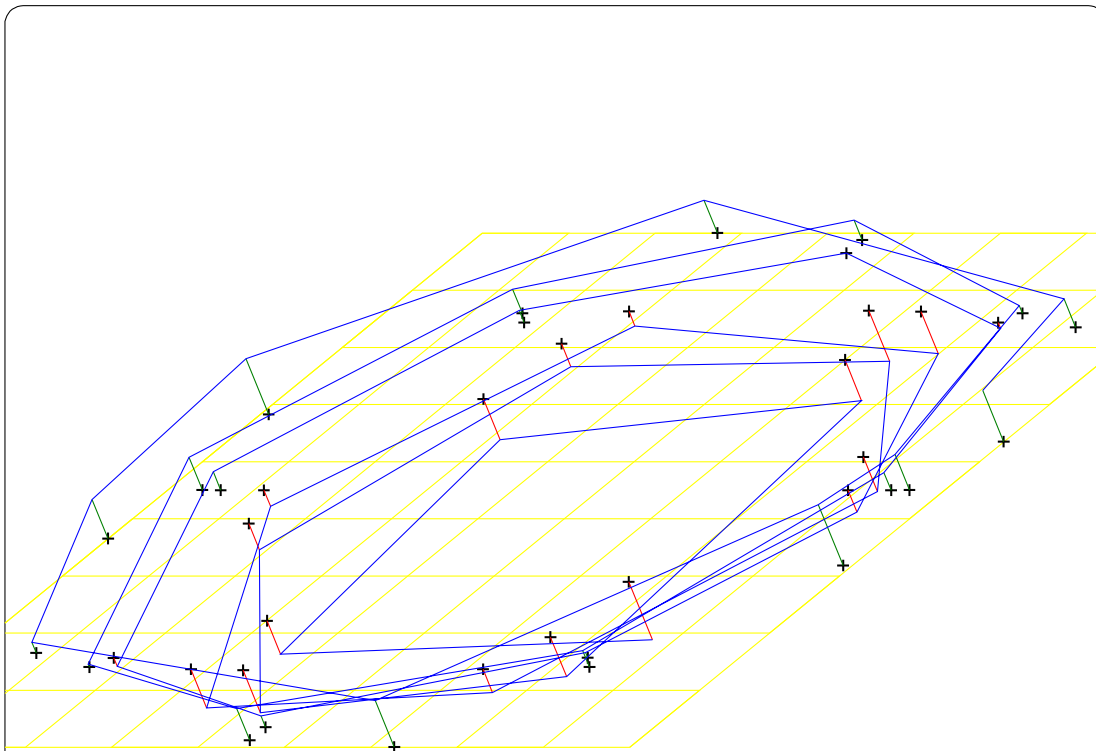
Description	COLD PLATE BASE	Customer	J. TICE
Drawing Number	PF-391-521-46	Serial Number	001 (BOTTOM PROGRA
Remarks		Article Number	
Supplier	MFD	Delivery Date	
Delivery Note		Delivery Volume	
Lot Number		Lot Size	
Test Schedule		Sample Size	
Production Machine		Production Tool	
Production Date		Production Time	
Order	25236-5	Department	MET. QUALITY INSPEC
Inspector	kcaban	Inspection Date	06-NOV-2009, 13:18:16
Measuring Device	PMM 12 10 6 #496	Measuring Program	Quindos7 - V 7.1.9294
User Name	kcaban	WKP Name	NO\$NAME

Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic
<b>DATUM_A</b>		<b>PLA</b>					
	FORM	0.00456	0.00000	0.00200	0.00000	0.00456	0.00256 ◀
<b>DATUM_B</b>		<b>CIR</b>					
	FORM	0.00098					
	DM	8.57851	8.58000	0.00500	0.00000	-0.00149	-0.00149 ◀
<b>DAT\$CIR_C</b>		<b>CIR</b>					
	FORM	0.00019					
	RA	0.12445	0.12500	0.00500	-0.00500	-0.00055	
<b>DIA_AG</b>		<b>CIR</b>					
	FORM	0.00119					
	DM	8.12346	8.12400	0.00500	-0.00500	-0.00054	
	X	0.00026	0.00000			0.00026	
	Y	0.00072	0.00000			0.00072	
<b>DIA_AG_CAV</b>		<b>CIR</b>					
	RA	0.06191	0.06200	0.00500	-0.00500	-0.00009	
	X	-1.39952	1.40000			-0.00048	
	XY	4.06179	4.06200			-0.00021	
<b>DIA_P281(1)</b>		<b>CIR</b>					
	DM	0.28358	0.28100	0.00500	-0.00200	0.00258	
	PP_PXPY	54.99927	55.00000			-0.00073	
	XY	2.84976	2.85000			-0.00024	
<b>DIA_P281(2)</b>		<b>CIR</b>					
	DM	0.28334	0.28100	0.00500	-0.00200	0.00234	
	PP_PXPY	144.98393	145.00000			-0.01607	
	XY	2.84953	2.85000			-0.00047	
<b>DIA_P281(3)</b>		<b>CIR</b>					
	DM	0.28291	0.28100	0.00500	-0.00200	0.00191	
	PP_PXPY	234.99183	235.00000			-0.00817	
	XY	2.84906	2.85000			-0.00094	
<b>DIA_P281(4)</b>		<b>CIR</b>					
	DM	0.28371	0.28100	0.00500	-0.00200	0.00271	

Text	Eval.	Actual	Nominal	Up.To1.	Low.To1.	Act-Nom	Graphic
Date: 06-Nov-09, 16:02:04		NO\$NAME				Page 1 of 6	

Date: 06-Nov-09, 16:02:04			NO\$NAME			Page 2 of 6	
Text	Eval.	Actual	Nominal	Up.Tol.	Low.Tol.	Act-Nom	Graphic
<b>DIA_P281(4)</b>			<b>CIR</b>				◀
	PP_PXPY	325.01908	325.00000			0.01907	
	XY	2.84871	2.85000			-0.00130	
<b>PLA_P030</b>			<b>PLA</b>				
	FORM	0.00130					
	Z	0.03057	0.03000	0.01000	0.00000	0.00057	

Text	Eval.	Actual	Nominal	Up.Tol.	Low.Tol.	Act-Nom	Graphic
Date: 06-Nov-09, 16:02:04			NO\$NAME			Page 2 of 6	



0.00305  
Inch

Actual points : \* \* \*

Neg. Deviation : ———

Pos. Deviation : ———

Notation : COLD PLATE BASE

Producer : J. TICE

Draw. No. : PF-391-521-46

Ser. No. : 001 (BOTTOM PRO

Part No. :

Department: MET. QUALITY IN

Calcul. .: Bestfit (Gauss)

Filtering: No

Probe dia.: 1 mm

Element : DATUM\_A

X

Y

Z

No.

Form .....: 0.0046

Neg. Deviat.: -0.0022

2.2015

-1.5415

0.0181

40

Error Magnif.: 10

Pos. Deviat.: 0.0023

4.5316

-1.2750

0.0223

8

No. of points: 40

MESSTECHNIK WETZLAR



*FLATNESS*  
*ISO 1101*

Inspector :kcaban

Date .....:06-NOV-2009

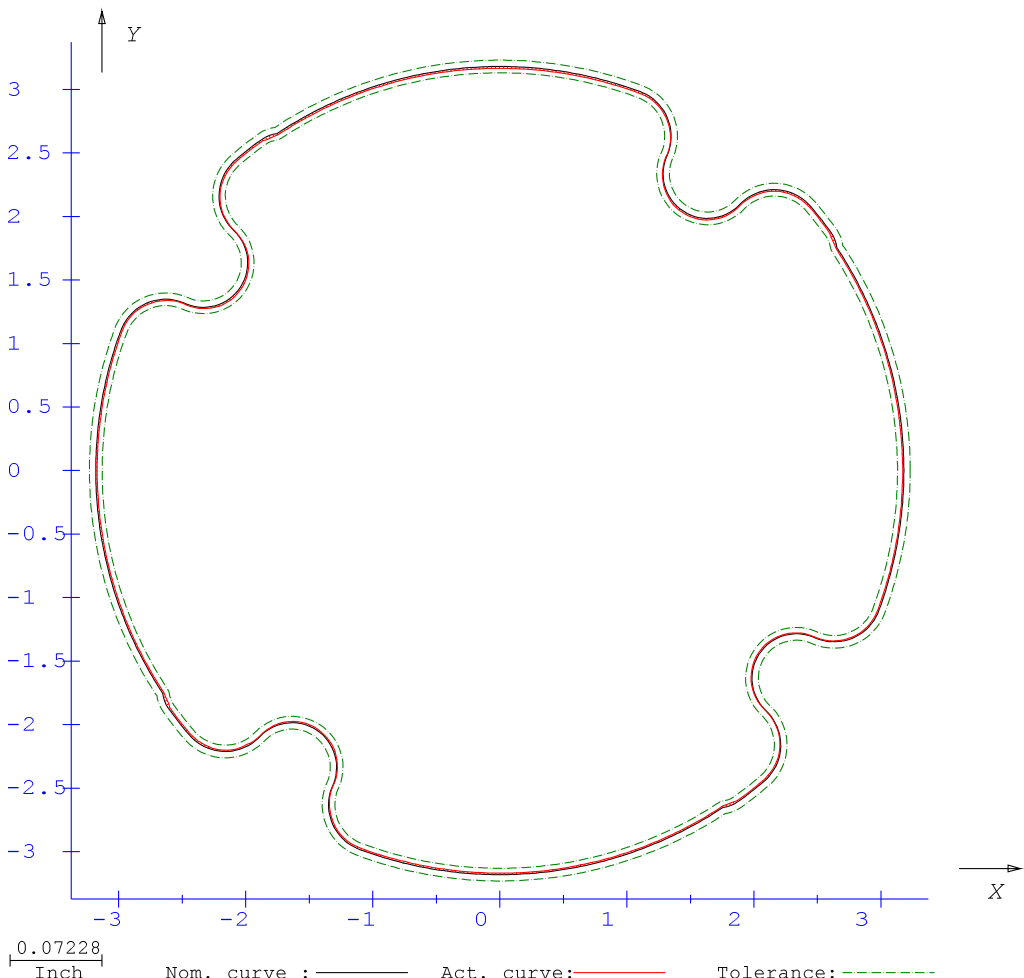
Time .....:13:18:16

PI\$Pages\_3700

Date: 06-Nov-09, 16:02:04

NO\$NAME

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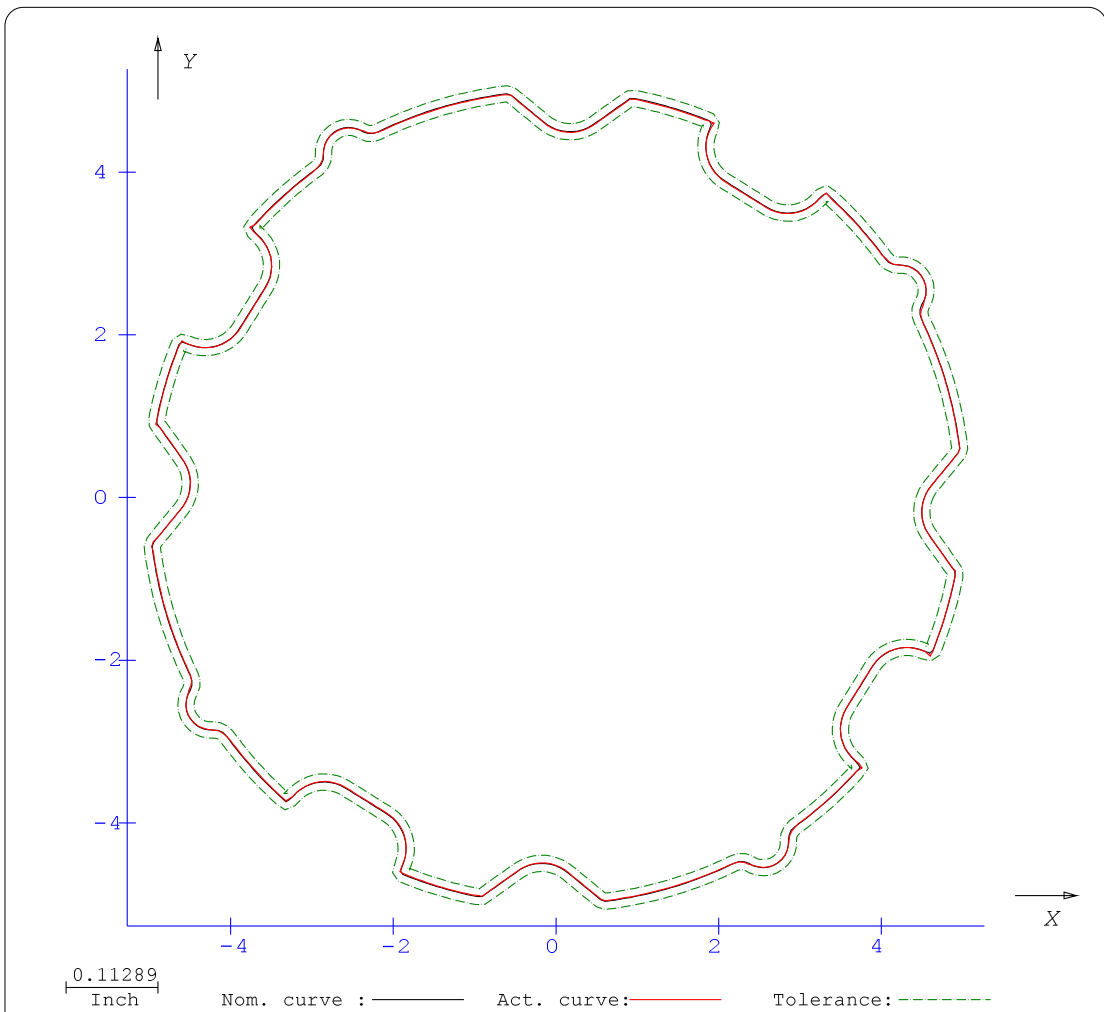
Notation : COLD PLATE BASE    Producer : J. TICE    Draw. No. : PF-391-521-46  
 Ser. No. : 001 (BOTTOM PRO    Part No. :    Department: MET. QUALITY IN  
 Element : ACNO\_IN

		X	Y	Z	Nr.		
Form .....	0.00215	Min. Deviat.:	0.00016	1.32134	2.49201	-0.09400	122
Lower Toler. :	-0.00500	Max. Deviat.:	0.00231	-1.81607	2.63722	-0.09400	236
Upper Toler. :	0.00500						
Error Magnif.:	10						
No. of points:	700						



2D - CONTOUR

Inspector.:kcaban  
 Date .....:06-NOV-2009  
 Time .....:13:18:16



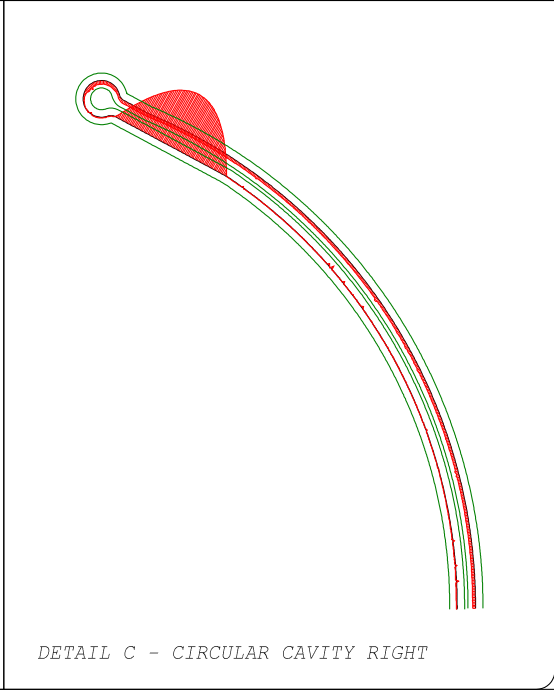
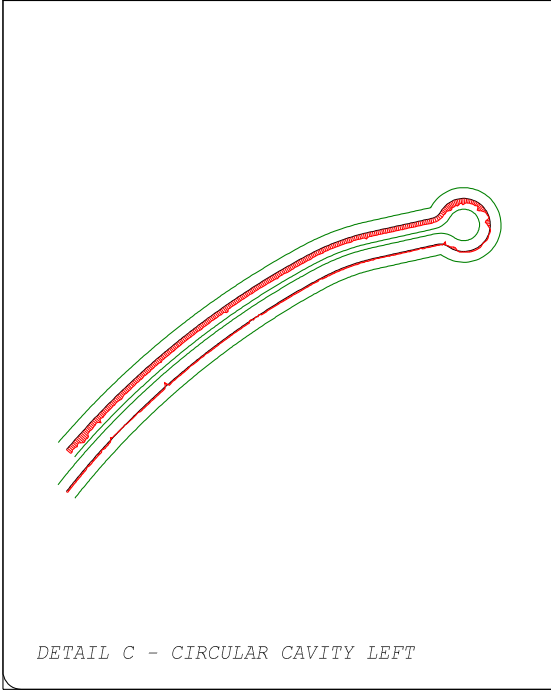
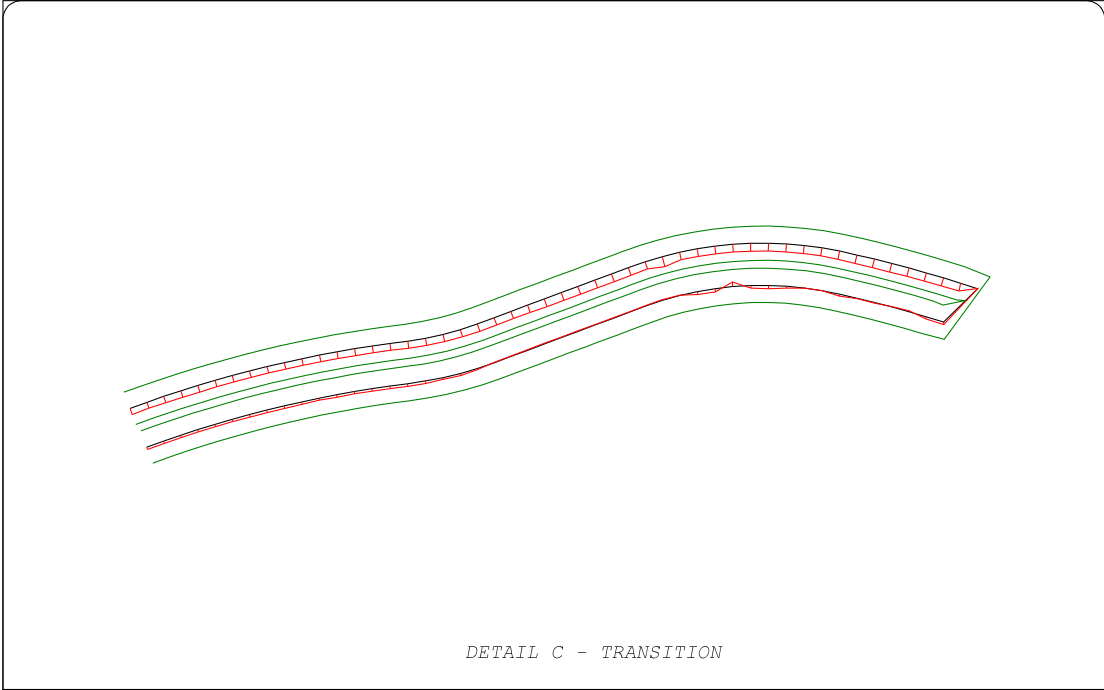
Notation : COLD PLATE BASE    Producer : J. TICE    Draw. No. : PF-391-521-46  
 Ser. No. : 001 (BOTTOM PRO    Part No. :    Department: MET. QUALITY IN  
 Element : ACNO\_OUT


		X	Y	Z	Nr.	
Form .....	0.00532	Min. Deviat.:-0.00155	-0.96680	-4.90564	-0.14150	404
Lower Toler. :	0.01000	Max. Deviat.: 0.00377	4.59432	-1.91028	-0.14150	528
Upper Toler. :	-0.01000					
Error Magnif.:	10					
No. of points:	560					



2D - CONTOUR

Inspector.:kcaban  
 Date .....:06-NOV-2009  
 Time .....:13:18:16



	<p><b>COLD PLATE BASE</b></p> <p>DRAWING #: PF-391-521-46 REV 0          SERIAL NUMBER: 001 (BOTTOM PROGRAM)          SHEET 2 DETAIL C PLOTS</p>	<p>BLK = NOMINAL          RED = DEVIATIONS          GRN = +/- .005 TOL          DATE: 06-NOV-2009</p>
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