



# CMM-Manager Report

NIKON METROLOGY | VISION BEYOND PRECISION

Report Name	Default Report
Part Name	MyPartName
Part No.	MyPartNo
Inspector	Microsoft
Company	Nikon Metrology - PH20 Altera
Date	Sunday, September 08, 2013
Time	01:58 PM
Unit	MM

## #1 Output

Report Start

## #2 Tolerance Report

Feature	CIRCLE3					
Type	CIRCLE					
SubType	INNER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	0.000	0.000	0.000	-0.100	0.100	
Y	30.780	30.780	-0.000	-0.100	0.100	
Z	0.000	-0.000	-0.000	-0.100	0.100	
DIA	76.000	75.977	-0.023	-0.100	0.100	
CIR			0.030		0.100	

## #3 Tolerance Report

Feature	CIRCLE4					
Type	CIRCLE					
SubType	INNER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	0.000	-0.000	-0.000	-0.100	0.100	
Y	1.000	1.000	0.000	-0.100	0.100	
Z	111.160	111.146	-0.014	-0.100	0.100	
DIA	23.000	22.984	-0.016	-0.100	0.100	
CIR			0.018		0.100	

## #4 Tolerance Report

Feature	CIRCLE5					
Type	CIRCLE					
SubType	INNER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	-96.269	-96.242	0.027	-0.100	0.100	
Y	1.000	1.000	0.000	-0.100	0.100	
Z	55.565	55.600	0.035	-0.100	0.100	
DIA	23.000	22.980	-0.020	-0.100	0.100	
CIR			0.030		0.100	


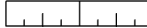



#5 Tolerance Report						
Feature	CIRCLE6					
Type	CIRCLE					
SubType	INNER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	-96.252	-96.225	0.027	-0.100	0.100	
Y	1.000	1.000	0.000	-0.100	0.100	
Z	-55.508	-55.531	-0.023	-0.100	0.100	
DIA	23.000	22.991	-0.009	-0.100	0.100	
CIR			0.005		0.100	


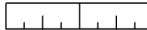



#6 Tolerance Report						
Feature	CIRCLE7					
Type	CIRCLE					
SubType	INNER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	0.011	0.025	0.014	-0.100	0.100	
Y	1.000	1.000	0.000	-0.100	0.100	
Z	-111.090	-111.114	-0.024	-0.100	0.100	
DIA	23.000	22.987	-0.013	-0.100	0.100	
CIR			0.014		0.100	


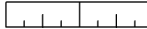



#7 Tolerance Report						
Feature	CIRCLE8					
Type	CIRCLE					
SubType	INNER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	96.284	96.273	-0.011	-0.100	0.100	
Y	1.000	1.000	0.000	-0.100	0.100	
Z	-55.453	-55.543	-0.090	-0.100	0.100	
DIA	23.000	22.988	-0.012	-0.100	0.100	
CIR			0.007		0.100	

#8 Tolerance Report						
Feature	CIRCLE9					
Type	CIRCLE					
SubType	OUTER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	0.000	-0.000	-0.000	-0.100	0.100	
Y	-5.533	-5.533	0.000	-0.100	0.100	
Z	0.000	0.034	0.034	-0.100	0.100	
DIA	163.200	163.205	0.005	-0.100	0.100	
CIR			0.050		0.100	

#9 Tolerance Report						
Feature	CIRCLE10					
Type	CIRCLE					
SubType	INNER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	0.000	0.000	0.000	-0.100	0.100	
Y	37.236	37.236	-0.000	-0.100	0.100	
Z	0.000	0.007	0.007	-0.100	0.100	
DIA	72.000	71.927	-0.073	-0.100	0.100	
CIR			0.053		0.100	

#10 Tolerance Report						
Feature	CIRCLE11					
Type	CIRCLE					
SubType	OUTER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	0.000	0.011	0.011	-0.100	0.100	
Y	12.305	12.305	0.000	-0.100	0.100	
Z	0.000	0.070	0.070	-0.100	0.100	
DIA	271.000	270.930	-0.070	-0.100	0.100	
CIR			0.074		0.100	

#11 Tolerance Report						
Feature	CIRCLE12					
Type	CIRCLE					
SubType	OUTER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	0.000	-0.019	-0.019	-0.100	0.100	
Y	124.500	124.500	0.000	-0.100	0.100	
Z	0.000	0.081	0.081	-0.100	0.100	
DIA	110.000	109.708	-0.292	-0.100	0.100	 -0.192
CIR			0.032		0.100	

#12 Tolerance Report						
Feature	CIRCLE13					
Type	CIRCLE					
SubType	INNER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	0.000	-0.032	-0.032	-0.100	0.100	
Y	157.271	157.271	0.000	-0.100	0.100	
Z	0.000	-0.007	-0.007	-0.100	0.100	
DIA	90.000	89.891	-0.109	-0.100	0.100	 -0.009
CIR			0.132		0.100	 0.032

#13 Form Deviation Report (Text)							
Feature	CIRCLE9						
Type	CIRCLE						
SubType	OUTER						
Dev#	12						
Max. Dev	0.029						
Min. Dev	-0.021						
RMS Dev	0.012						
	X	Y	Z	dX	dY	dZ	Dev
Data1	-24.045	-6.533	-77.946	-0.000	0.000	-0.001	0.001
Data2	-58.478	-6.533	-56.879	0.000	-0.000	0.000	-0.001
Data3	-78.604	-6.533	-21.866	0.005	-0.000	0.001	-0.005
Data4	-79.459	-6.533	18.575	0.008	-0.000	-0.002	-0.009
Data5	-60.827	-6.533	54.440	-0.004	-0.000	0.004	0.006
Data6	-27.264	-6.533	76.941	0.002	0.000	-0.006	-0.006
Data7	12.984	-6.533	80.626	0.005	-0.000	0.028	0.029
Data8	50.010	-6.533	64.504	-0.006	0.000	-0.007	-0.009
Data9	74.801	-6.533	32.596	-0.019	0.000	-0.008	-0.021
Data10	76.084	-6.533	-29.483	0.006	0.000	-0.002	0.007
Data11	52.618	-6.533	-62.343	0.003	0.000	-0.003	0.004
Data12	16.294	-6.533	-79.929	0.001	0.000	-0.004	0.004

<b>#14 Tolerance Report</b>						
Feature	CIRCLE14					
Type	CIRCLE					
SubType	INNER					
	Nom	Act	Dev	LoTol	UpTol	OutTol
X	96.220	96.220	0.000	-0.100	0.100	
Y	1.033	1.033	0.000	-0.100	0.100	
Z	55.494	55.494	0.000	-0.100	0.100	
DIA	23.000	23.000	0.000	-0.100	0.100	
CIR			0.000		0.100	

<b>#15 Form Deviation Report (Text)</b>							
Feature	CIRCLE14						
Type	CIRCLE						
SubType	INNER						
Dev#	6						
Max. Dev	0.000						
Min. Dev	-0.000						
RMS Dev	0.000						
	X	Y	Z	dX	dY	dZ	Dev
Data1	96.220	1.035	43.994	-0.000	0.000	-0.000	-0.000
Data2	86.261	1.033	49.744	0.000	0.000	0.000	0.000
Data3	86.261	1.031	61.244	0.000	0.000	-0.000	0.000
Data4	96.220	1.031	66.994	0.000	-0.000	0.000	-0.000
Data5	106.180	1.034	61.244	-0.000	-0.000	-0.000	0.000
Data6	106.180	1.036	49.744	0.000	0.000	-0.000	-0.000