

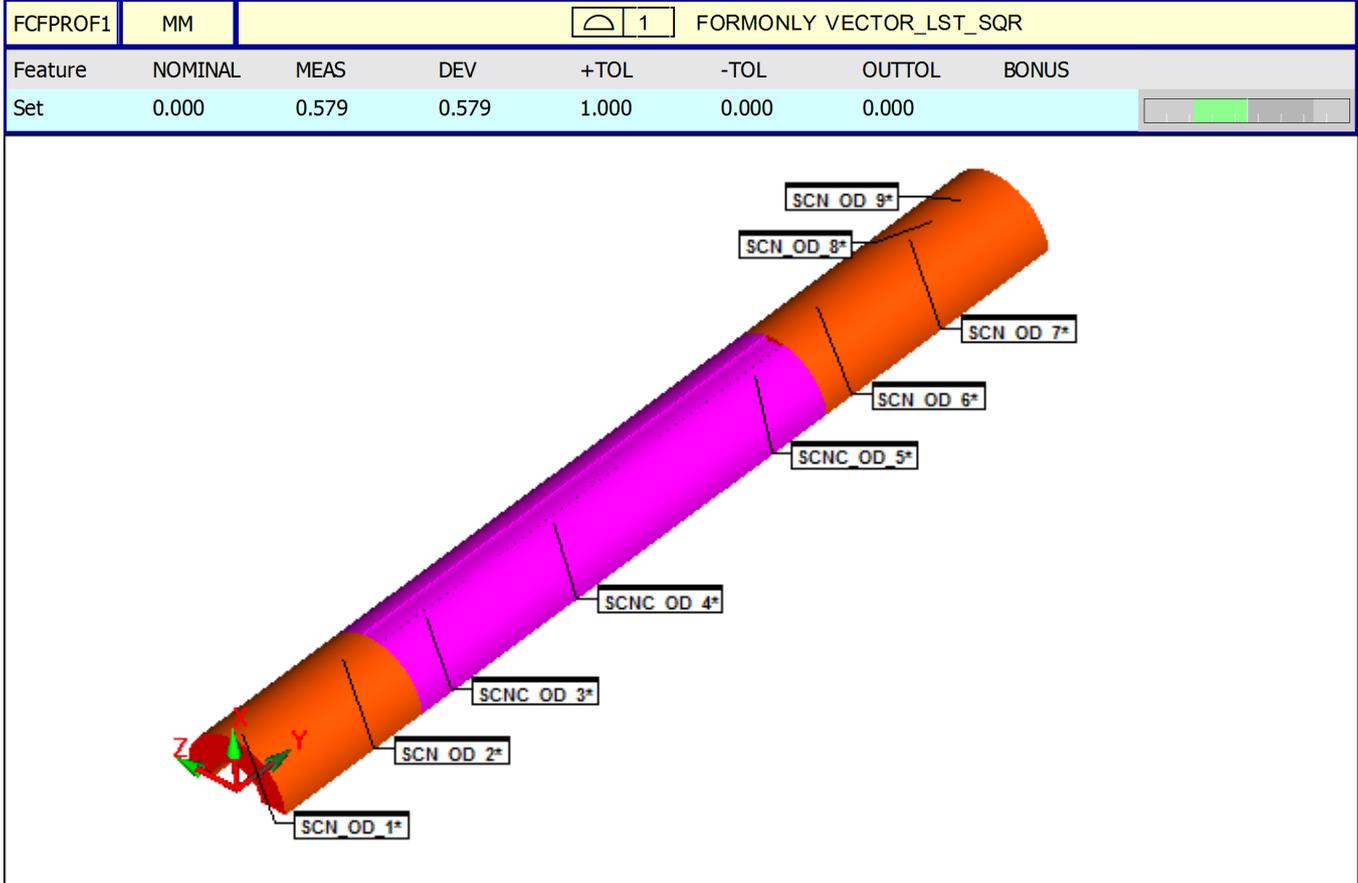
LHC 11-Tesla Dipole Magnet Coil Cross-Sections

'Inspected by ' : Robert Riley
 'Sample Number' : MBH11
 .pdf file name : 11-T_DIPOLE_COIL_X1M_V4d_vK-IR_MBH11

Distance of cross-section is measured from Return End of Outer Coil (-Y- coordinate) in mm

I.R.=29.873mm O.R.=60.727mm P.P.=0.127mm

Profile of O.D. & Parting Plane scans Form only



Cross-Sections measured at -Y- equal to:

- 11.633
- 150.285
- 264.125
- 442.775
- 720.08
- 807.611
- 935.475
- 966.981
- 1007.994

Constructed Circles

⌀	MM	LOC1 - CIRC_X_1		
AX		NOMINAL	MEAS	DEV
X	0.000	-0.224	-0.224	
Y	12.092	11.677	-0.416	
Z	0.000	-0.013	-0.013	
R	60.727	60.731	0.004	
RN	0.000	0.138	0.138	

⊕	MM	LOC2 - CIRC_X_2		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.034	0.034	
Y	148.996	150.305	1.309	
Z	0.000	0.020	0.020	
R	60.727	60.681	-0.046	
RN	0.000	0.190	0.190	
⊕	MM	LOC3 - CIRC_X_3		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.149	0.149	
Y	265.384	264.138	-1.246	
Z	0.000	-0.002	-0.002	
R	60.727	60.714	-0.013	
RN	0.000	0.119	0.119	
⊕	MM	LOC4 - CIRC_X_4		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.344	0.344	
Y	447.022	442.786	-4.236	
Z	0.000	-0.006	-0.006	
R	60.727	60.698	-0.029	
RN	0.000	0.108	0.108	
⊕	MM	LOC5 - CIRC_X_5		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.224	0.224	
Y	720.686	720.088	-0.598	
Z	0.000	0.013	0.013	
R	60.727	60.686	-0.041	
RN	0.000	0.280	0.280	
⊕	MM	LOC6 - CIRC_X_6		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.046	0.046	
Y	807.417	807.630	0.213	
Z	0.000	-0.001	-0.001	
R	60.727	60.702	-0.025	
RN	0.000	0.256	0.256	
⊕	MM	LOC7 - CIRC_X_7		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.010	0.010	
Y	941.338	935.497	-5.841	
Z	0.000	-0.042	-0.042	
R	60.727	60.697	-0.030	
RN	0.000	0.110	0.110	

#	MM	LOC8 - CIRC_X_8		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.010	0.010	
Y	967.688	966.995	-0.693	
Z	0.000	-0.019	-0.019	
R	60.727	60.664	-0.063	
RN	0.000	0.092	0.092	

#	MM	LOC9 - CIRC_X_9		
AX	NOMINAL	MEAS	DEV	
X	0.000	-0.053	-0.053	
Y	1009.361	1008.010	-1.350	
Z	0.000	0.048	0.048	
R	60.727	60.668	-0.059	
RN	0.000	0.160	0.160	

Profiles of Scans

∩	MM	PROF1 - SCN_OD_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.253	0.005	-0.247	

∩	MM	PROF2 - SCN_OD_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.194	0.015	-0.179	

∩	MM	PROF3 - SCNC_OD_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.228	0.138	-0.090	

∩	MM	PROF4 - SCNC_OD_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.387	0.309	-0.078	

∩	MM	PROF5 - SCNC_OD_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.291	0.187	-0.104	

∩	MM	PROF6 - SCN_OD_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.279	0.073	-0.206	

∩	MM	PROF7 - SCN_OD_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.132	0.039	-0.093	

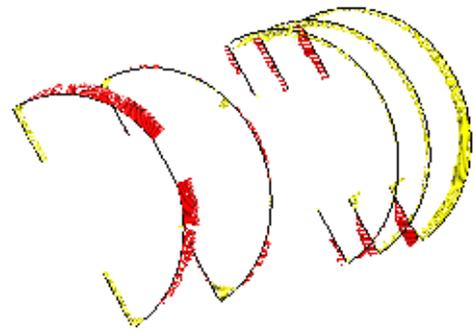
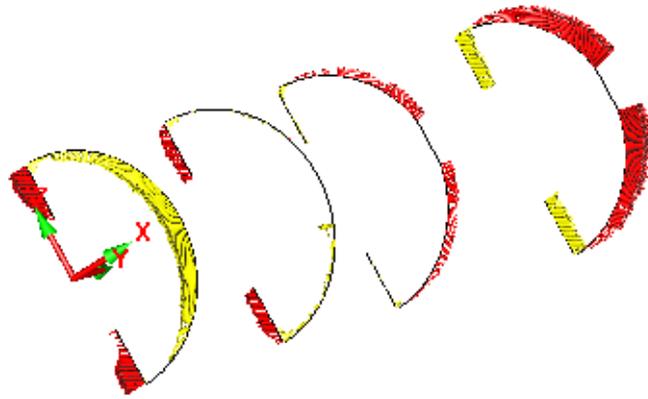
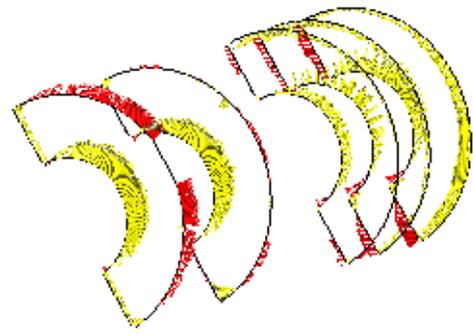
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AX	MEAS	MAX	MIN	
M	0.109	-0.001	-0.109	

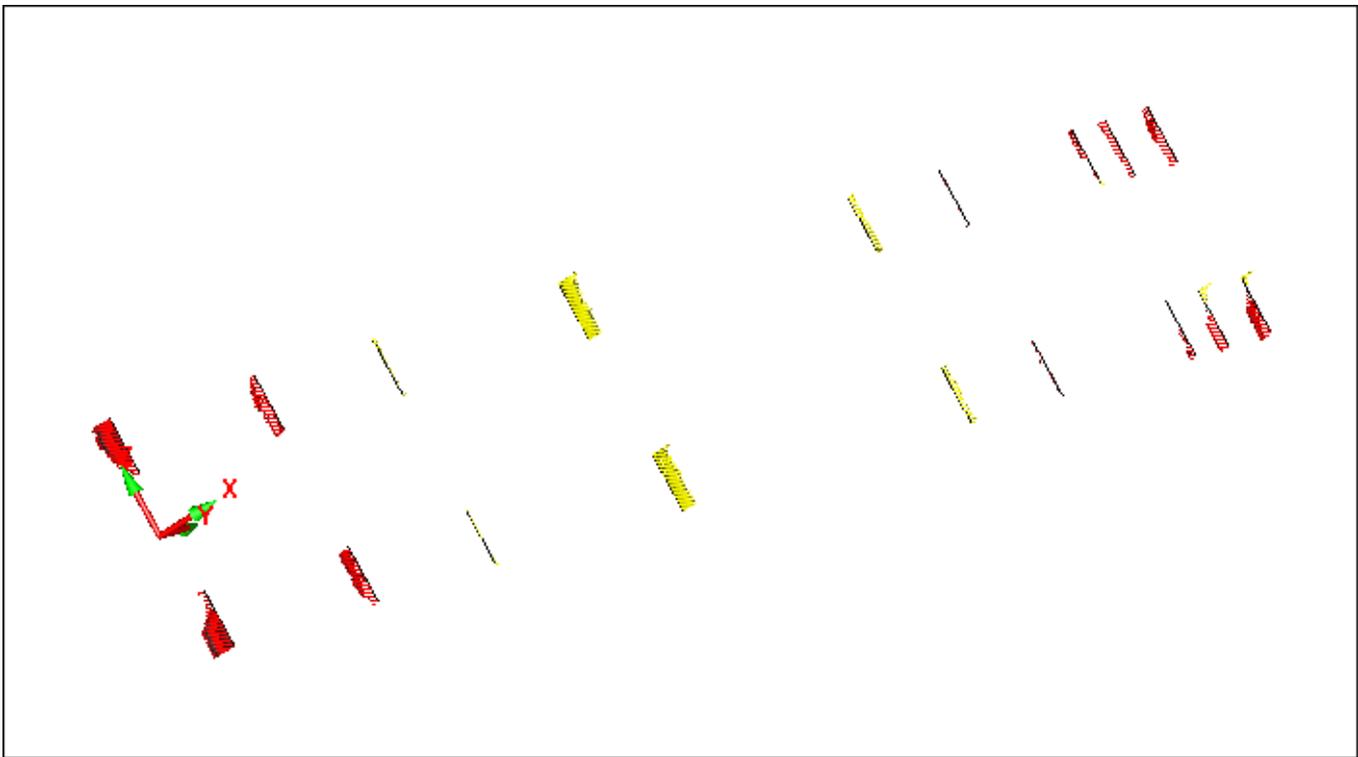
∩	MM	PROF9 - SCN_OD_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.161	-0.016	-0.161	

∩	MM	PROF10 - SCN_ID_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.077	0.077	0.008	

☐	MM	PROF11 - SCN_ID_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.286	0.109	-0.177	
☐	MM	PROF12 - SCN_ID_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.679	0.112	-0.567	
☐	MM	PROF13 - SCN_ID_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.562	0.065	-0.497	
☐	MM	PROF14 - SCN_ID_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.355	0.062	-0.292	
☐	MM	PROF15 - SCN_ID_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.348	0.057	-0.291	
☐	MM	PROF16 - SCN_ID_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.233	0.082	-0.151	
☐	MM	PROF17 - SCN_ID_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.339	0.118	-0.221	
☐	MM	PROF18 - SCN_ID_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.417	0.119	-0.298	
☐	MM	PROF19 - SCN_PP_P_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.257	0.257	0.041	
☐	MM	PROF20 - SCN_PP_N_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.279	0.266	-0.013	
☐	MM	PROF21 - SCN_PP_P_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.163	0.163	0.036	
☐	MM	PROF22 - SCN_PP_N_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.168	0.168	0.040	
☐	MM	PROF23 - SCN_PP_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.084	0.030	-0.055	
☐	MM	PROF24 - SCN_PP_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.032	-0.002	-0.032	
☐	MM	PROF25 - SCN_PP_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.242	-0.151	-0.242	

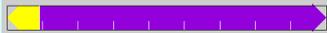
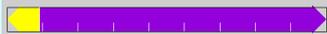
☐	MM	PROF26 - SCN_PP_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.209	-0.145	-0.209	
☐	MM	PROF27 - SCN_PP_P_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.100	-0.050	-0.100	
☐	MM	PROF28 - SCN_PP_N_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.086	-0.044	-0.086	
☐	MM	PROF29 - SCN_PP_P_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.040	0.031	-0.009	
☐	MM	PROF30 - SCN_PP_N_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.053	0.046	-0.008	
☐	MM	PROF31 - SCN_PP_P_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.124	0.081	-0.043	
☐	MM	PROF32 - SCN_PP_N_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.128	0.095	-0.033	
☐	MM	PROF33 - SCN_PP_P_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.106	0.106	0.047	
☐	MM	PROF34 - SCN_PP_N_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.292	0.125	-0.167	
☐	MM	PROF35 - SCN_PP_P_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.124	0.124	0.058	
☐	MM	PROF36 - SCN_PP_N_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.334	0.144	-0.189	

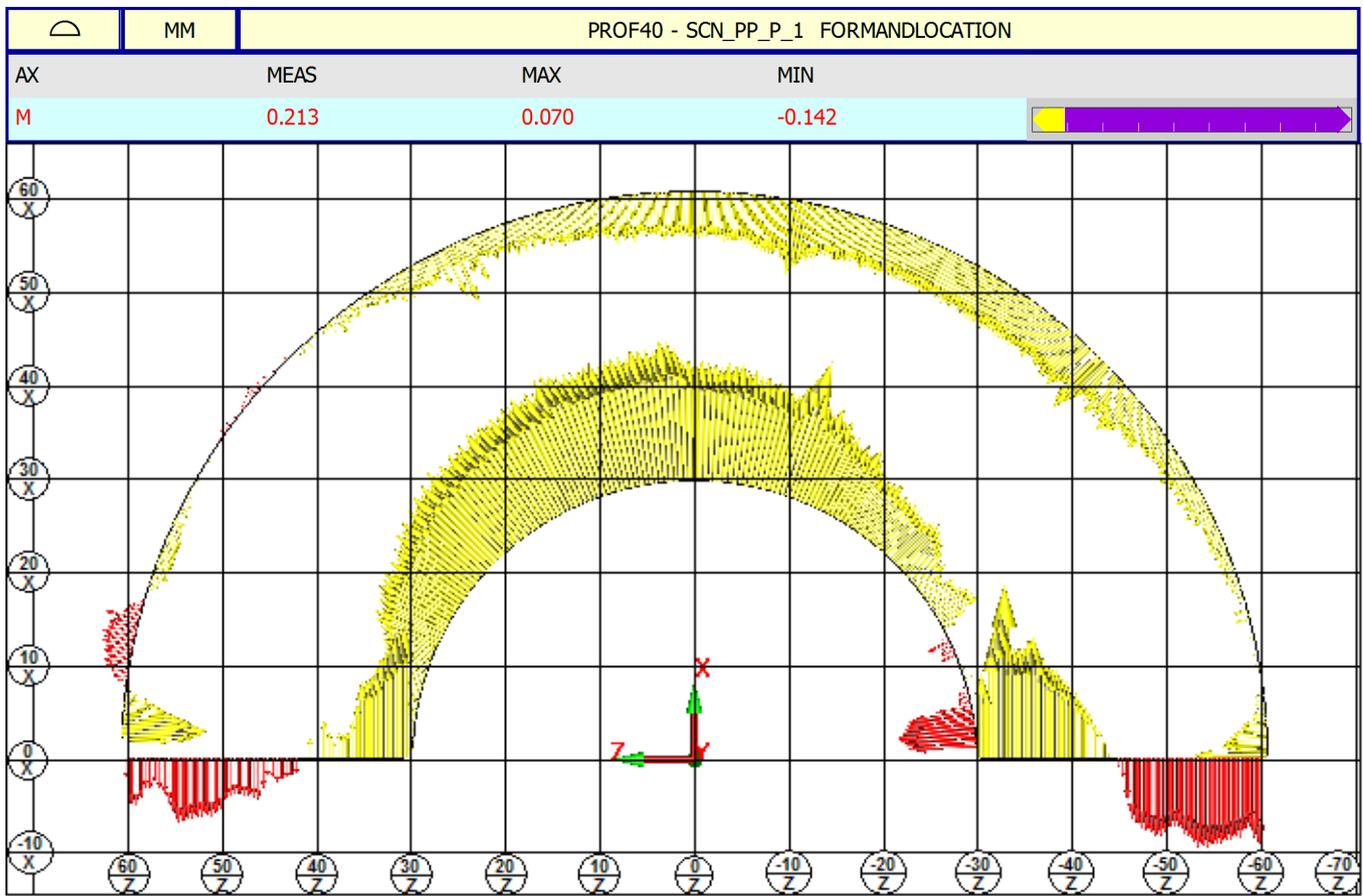




Alignment is: -Z- is Best Fit to: O.D. scans
 for ENTIRE COIL -X- is Best Fit to: O.D. scans
 x50 -Y- axis Rotation is Best Fit to: Parting Plane scans

----- CROSS SECTION #1 at 11.633 FULL O.D. -----

		MM	PROF37 - SCN_OD_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.129	0.038	-0.091		
		MM	PROF38 - SCN_PP_N_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.282	0.096	-0.186		
		MM	PROF39 - SCN_ID_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.237	0.085	-0.152		



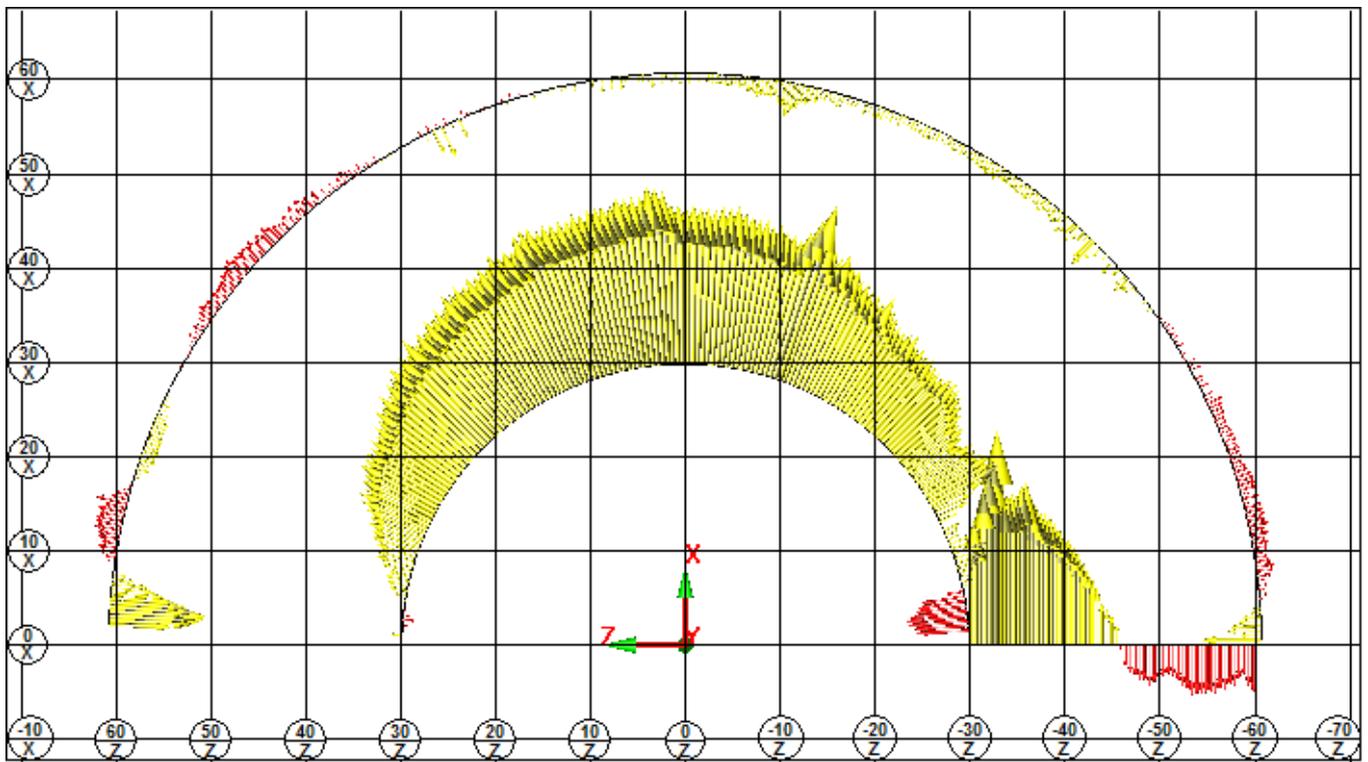
Sample Number: MBH11 Cross Section #1 at 11.633mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF41 - SCN_OD_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.137	0.034	-0.103	

MM		PROF42 - SCN_PP_N_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.282	0.056	-0.226	

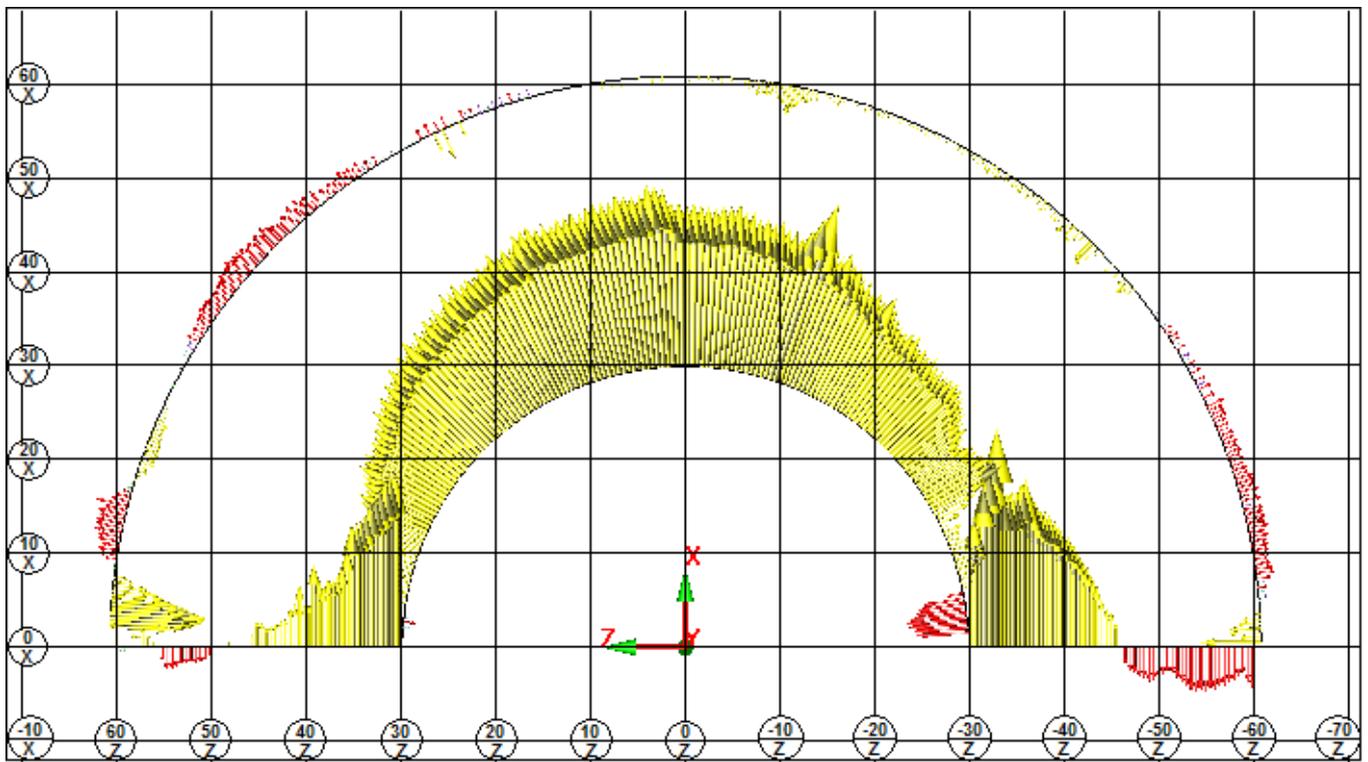
MM		PROF43 - SCN_ID_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.260	0.066	-0.194	

MM		PROF44 - SCN_PP_P_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.213	0.031	-0.182	

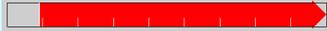


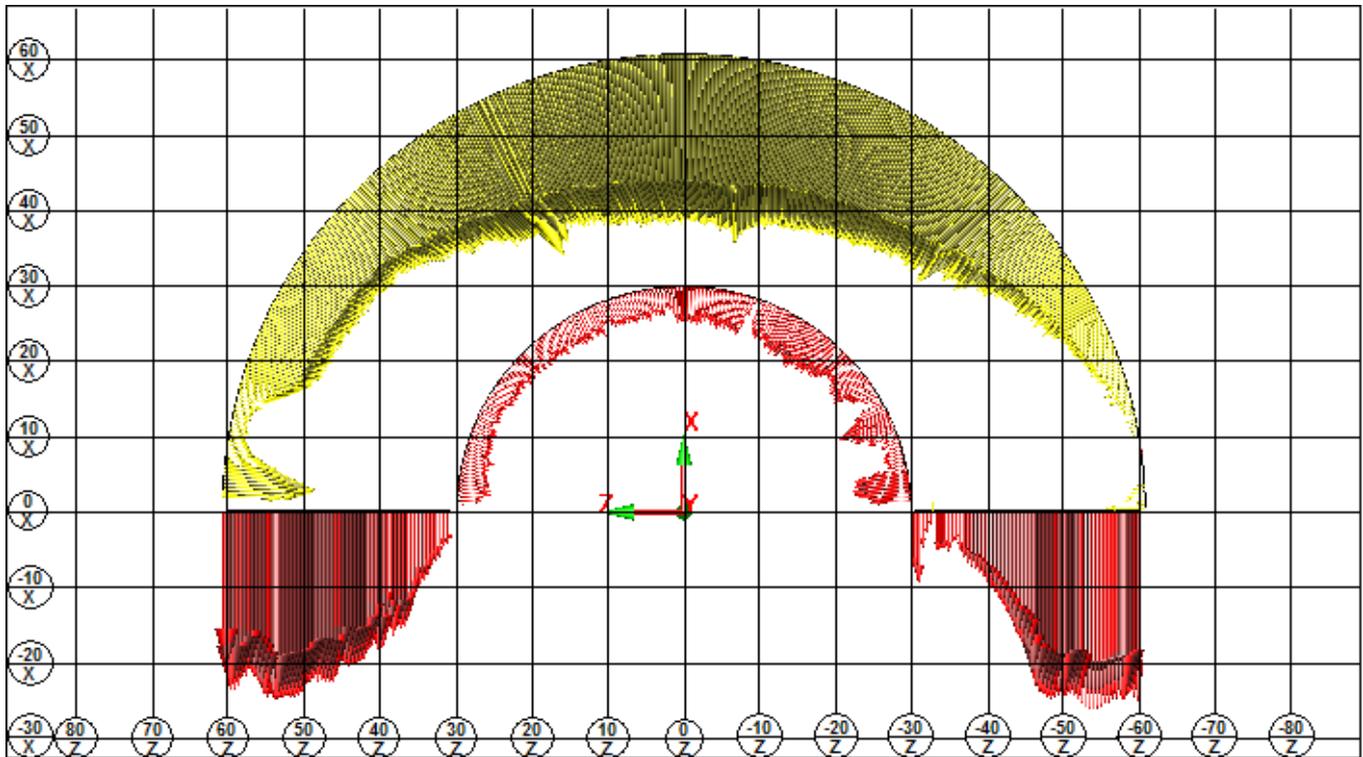
Sample Number: MBH11 Cross Section #1 at 11.633mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF184 - SCN_OD_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.138	0.035	-0.103	
MM		PROF185 - SCN_PP_N_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.282	0.051	-0.232	
MM		PROF186 - SCN_ID_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.265	0.066	-0.199	
MM		PROF187 - SCN_PP_P_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.213	0.025	-0.188	



Sample Number: MBH11 Cross Section #1 at 11.633mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : Constructed Circle
 for 1 x-SECTION -X- is Best Fit to : Constructed Circle
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan
 Radius & Roundness of Constructed Circle at Cross Section #1 = 60.731 & 0.138

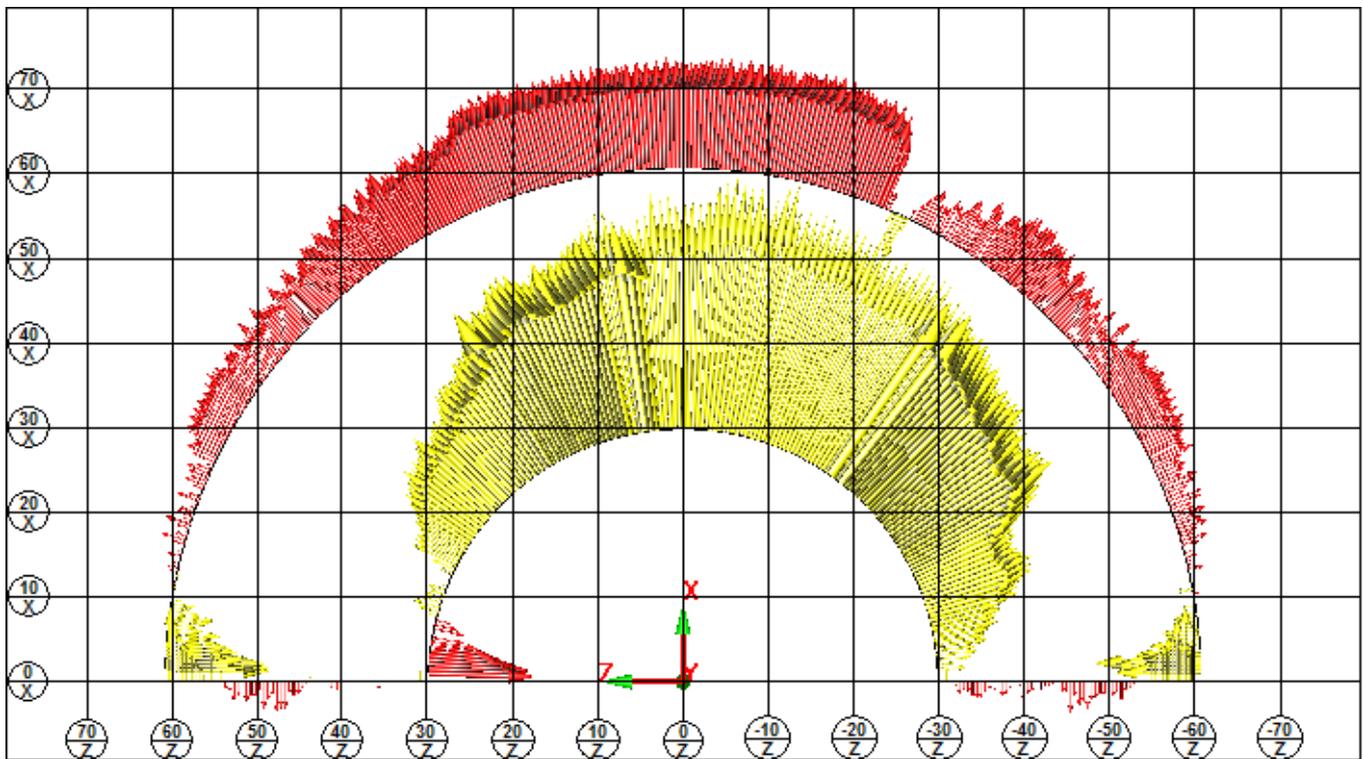
		MM	PROF45 - SCN_OD_1 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.253		0.005	-0.247	
		MM	PROF46 - SCN_PP_N_1 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.279		0.266	-0.013	
		MM	PROF47 - SCN_ID_1 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.077		0.077	0.008	
		MM	PROF48 - SCN_PP_P_1 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.257		0.257	0.041	



Sample Number: MBH11 Cross Section #1 at 11.633mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scans
 for ENTIRE COIL -X- is Best Fit to : O.D. scans
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scans

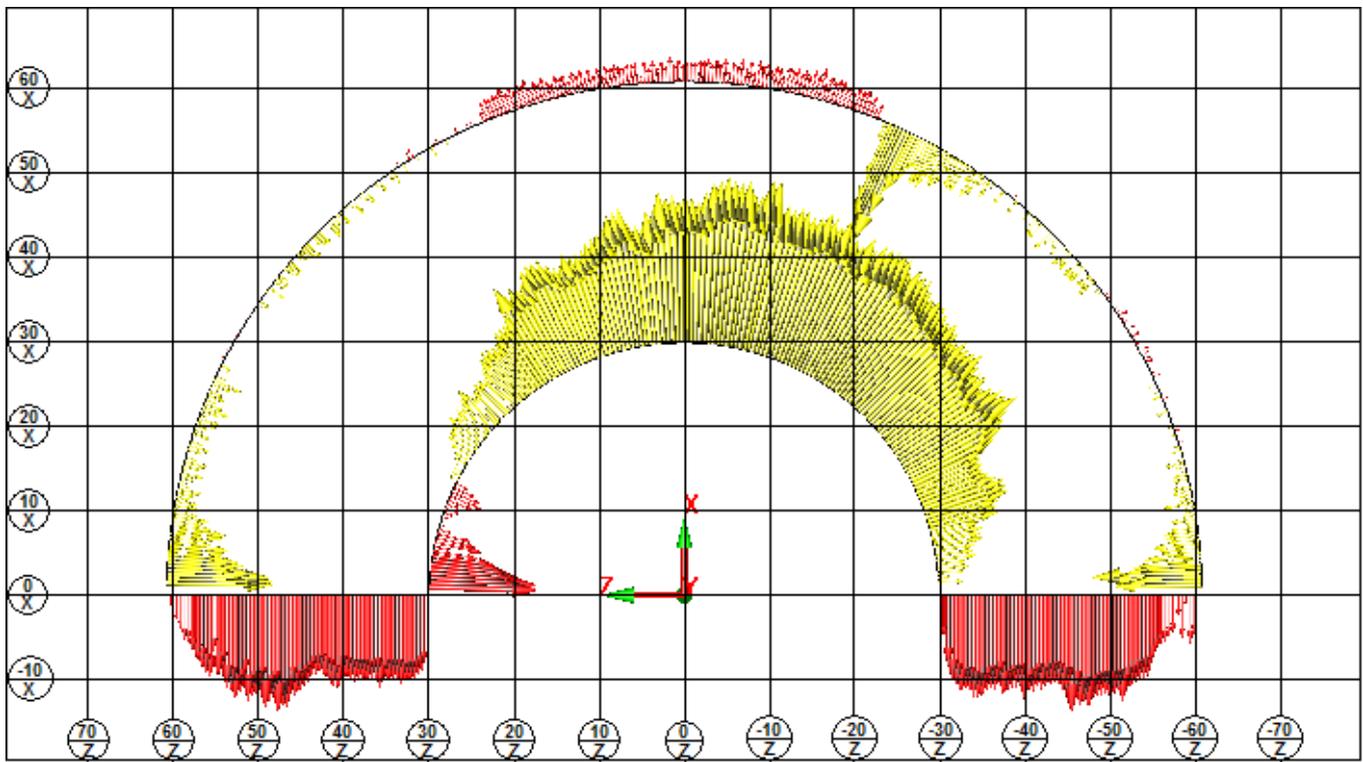
----- CROSS SECTION #2 at 150.285 FULL O.D. -----

⤴		MM	PROF49 - SCN_OD_2 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.260		0.135	-0.124	
⤴		MM	PROF50 - SCN_PP_N_2 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.129		0.039	-0.090	
⤴		MM	PROF51 - SCN_ID_2 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.429		0.125	-0.304	
⤴		MM	PROF52 - SCN_PP_P_2 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.126		0.039	-0.087	

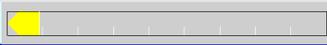
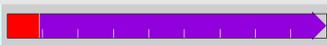
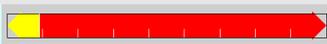
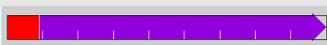


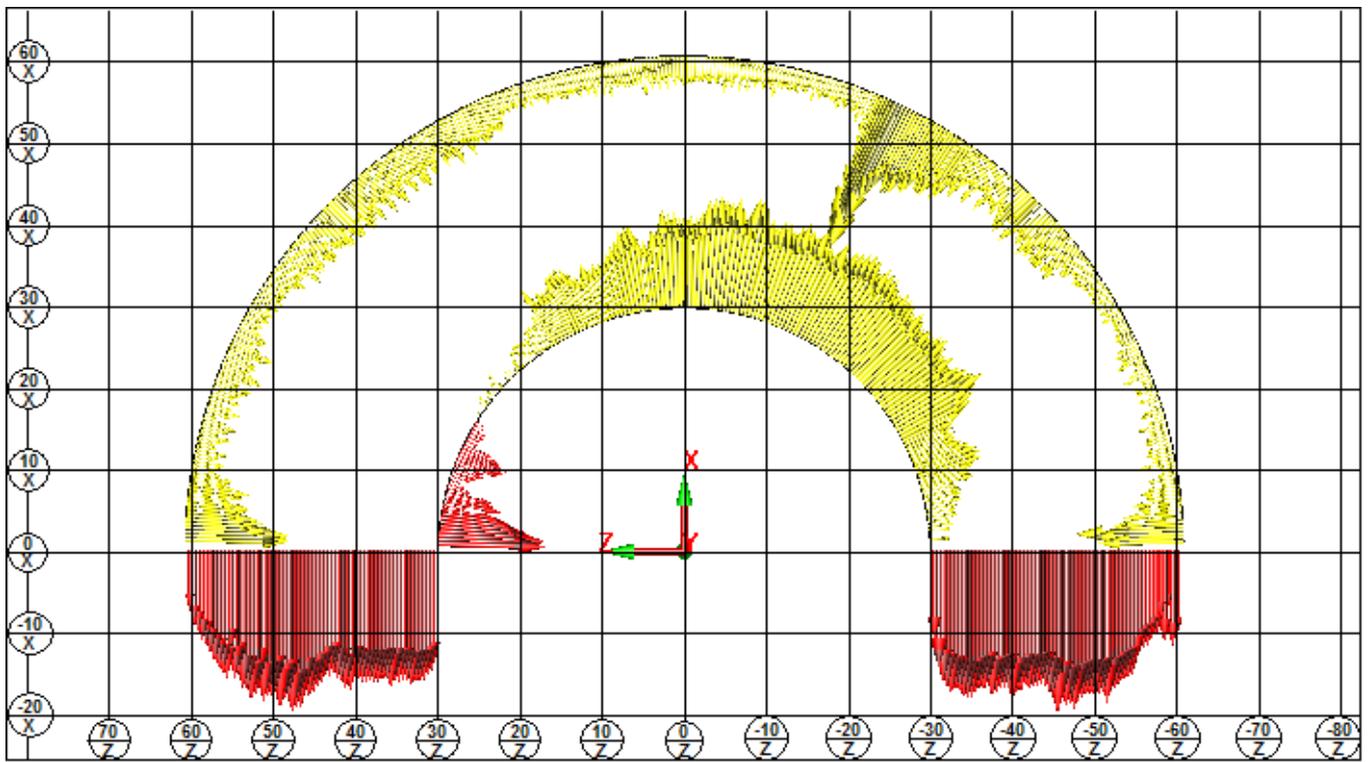
Sample Number: MBH11 Cross Section #2 at 150.285mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF53 - SCN_OD_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.185	0.037	-0.148	
MM		PROF54 - SCN_PP_N_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.141	0.141	0.012	
MM		PROF55 - SCN_ID_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.334	0.128	-0.205	
MM		PROF56 - SCN_PP_P_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.140	0.140	0.014	



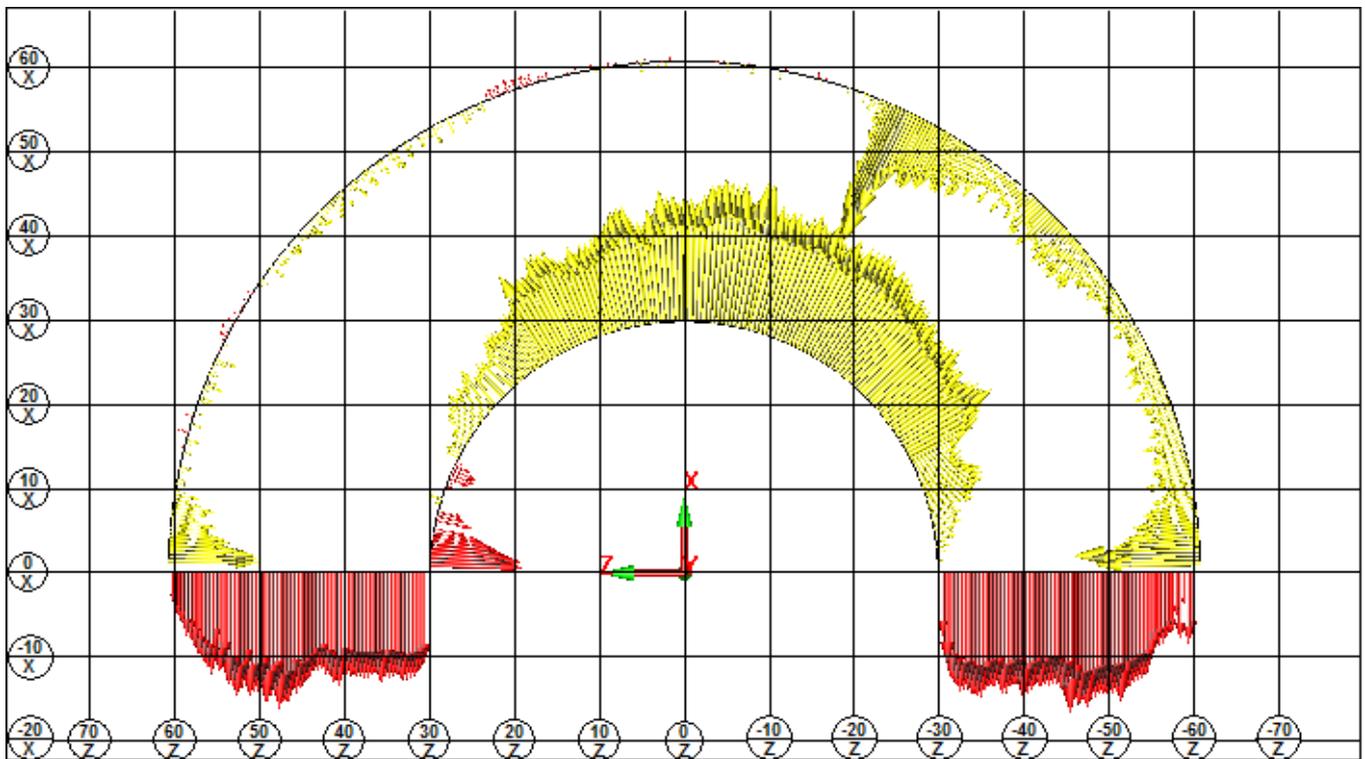
Sample Number: MBH11 Cross Section #2 at 150.285mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

		MM	PROF188 - SCN_OD_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.201	-0.010	-0.201		
		MM	PROF189 - SCN_PP_N_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.200	0.200	0.071		
		MM	PROF190 - SCN_ID_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.279	0.130	-0.148		
		MM	PROF191 - SCN_PP_P_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.199	0.199	0.073		



Sample Number: MBH11 Cross Section #2 at 150.285mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : Constructed Circle
 for 1 x-SECTION -X- is Best Fit to : Constructed Circle
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan
 Radius & Roundness of Constructed Circle at Cross Section #2 = 60.681 & 0.19

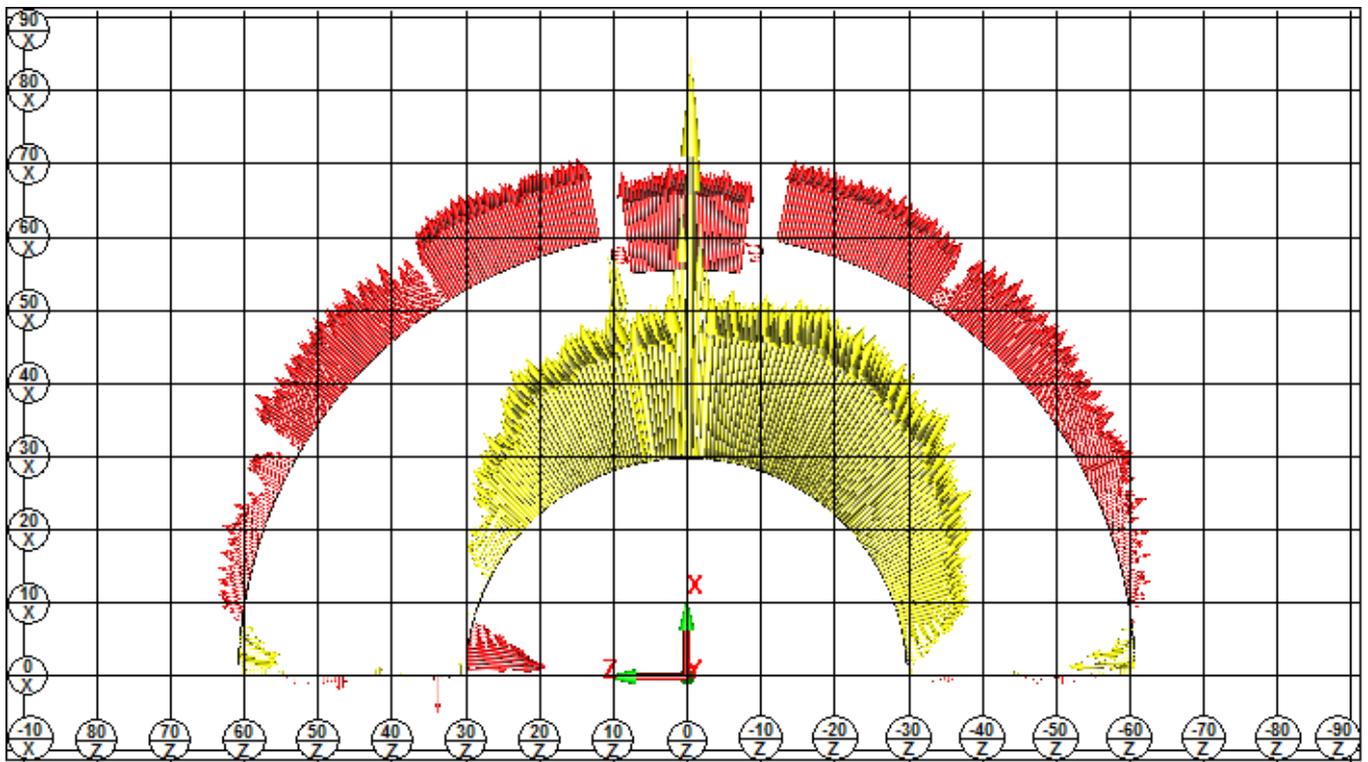
MM		PROF57 - SCN_OD_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.194	0.015	-0.179	
MM		PROF58 - SCN_PP_N_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.168	0.168	0.040	
MM		PROF59 - SCN_ID_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.286	0.109	-0.177	
MM		PROF60 - SCN_PP_P_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.163	0.163	0.036	



Sample Number: MBH11 Cross Section #2 at 150.285mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scans
 for ENTIRE COIL -X- is Best Fit to : O.D. scans
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scans

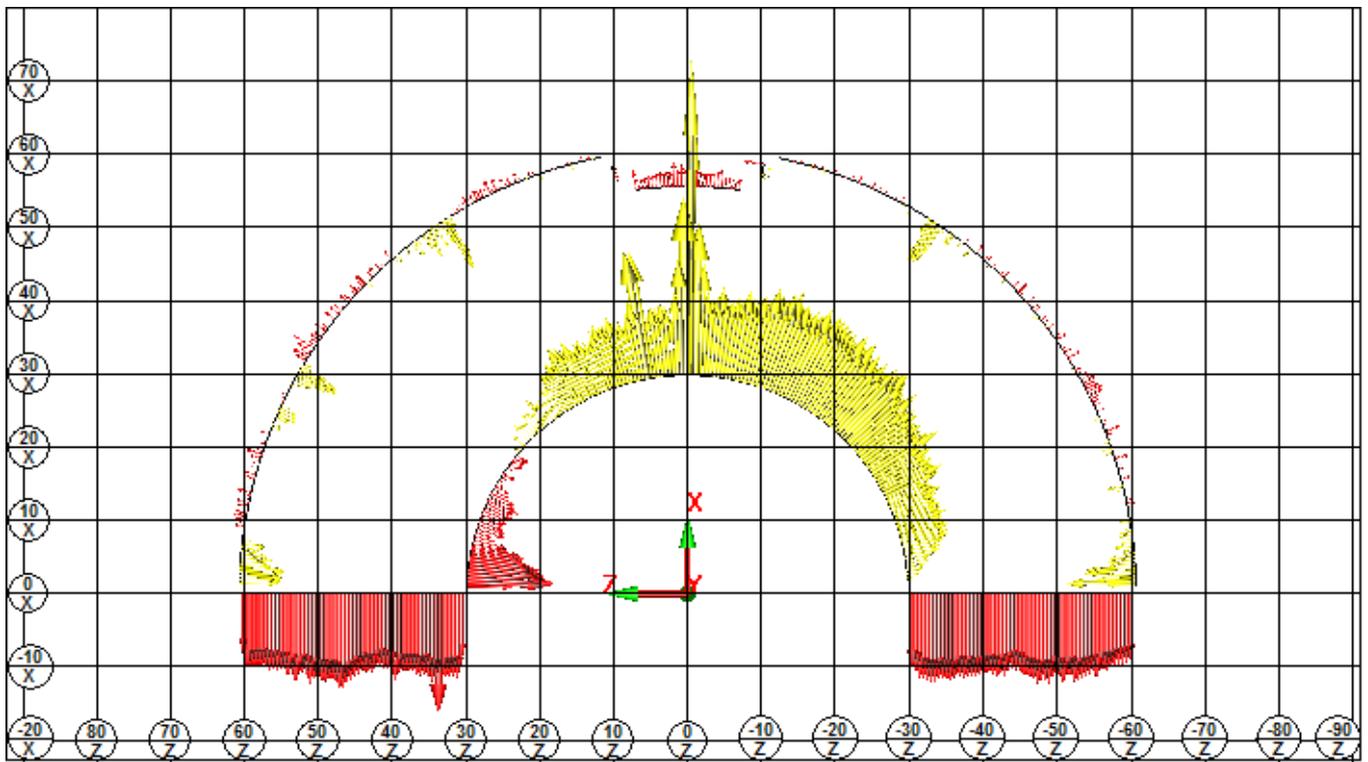
----- CROSS SECTION #3 at 264.125 SLOTTED O.D. -----

Symbol	Unit	Profile Name
⌒	MM	PROF61 - SCN_OD_P_3 FORMANDLOCATION
AX	MEAS	MAX MIN
M	0.179	0.123 -0.056
⌒	MM	PROF62 - SCN_SLT_P_3 FORMANDLOCATION
AX	MEAS	MAX MIN
M	0.024	0.024 0.020
⌒	MM	PROF63 - SCN_SLT_BOT_3 FORMANDLOCATION
AX	MEAS	MAX MIN
M	0.148	0.148 0.125
⌒	MM	PROF64 - SCN_SLT_N_3 FORMANDLOCATION
AX	MEAS	MAX MIN
M	0.049	0.049 0.008
⌒	MM	PROF65 - SCN_OD_N_3 FORMANDLOCATION
AX	MEAS	MAX MIN
M	0.210	0.117 -0.093
⌒	MM	PROF66 - SCN_PP_N_3 FORMANDLOCATION
AX	MEAS	MAX MIN
M	0.032	0.011 -0.020
⌒	MM	PROF67 - SCN_ID_3 FORMANDLOCATION
AX	MEAS	MAX MIN
M	0.660	0.111 -0.549
⌒	MM	PROF68 - SCN_PP_P_3 FORMANDLOCATION
AX	MEAS	MAX MIN
M	0.082	0.051 -0.030



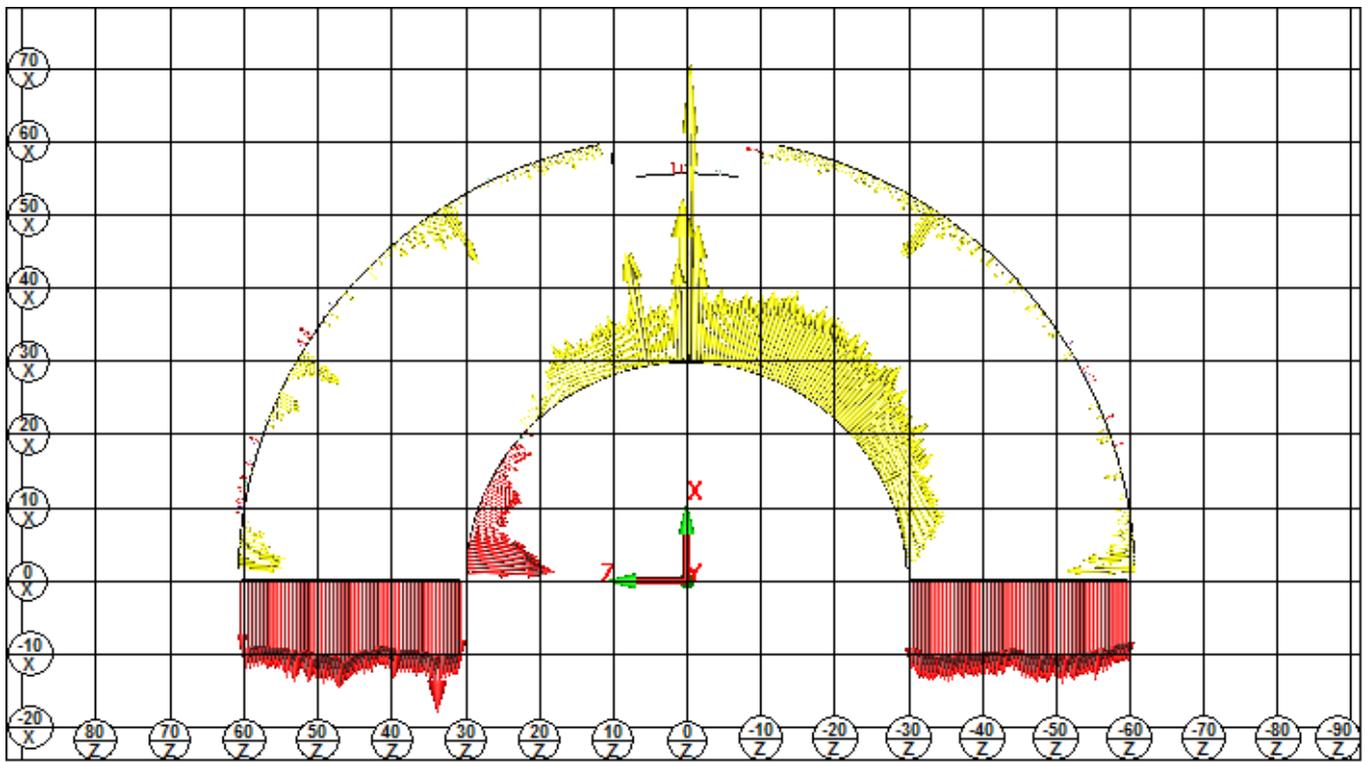
Sample Number: MBH11 Cross Section #3 at 264.125mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM	PROF69 - SCN_OD_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN
M	0.111	0.033	-0.078
MM	PROF70 - SCN_SLT_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN
M	0.006	0.006	0.005
MM	PROF71 - SCN_SLT_BOT_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN
M	0.034	0.034	0.013
MM	PROF72 - SCN_SLT_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN
M	0.041	0.028	-0.013
MM	PROF73 - SCN_OD_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN
M	0.117	0.022	-0.096
MM	PROF74 - SCN_PP_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN
M	0.125	0.125	0.094
MM	PROF75 - SCN_ID_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN
M	0.554	0.119	-0.435
MM	PROF76 - SCN_PP_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN
M	0.165	0.165	0.083



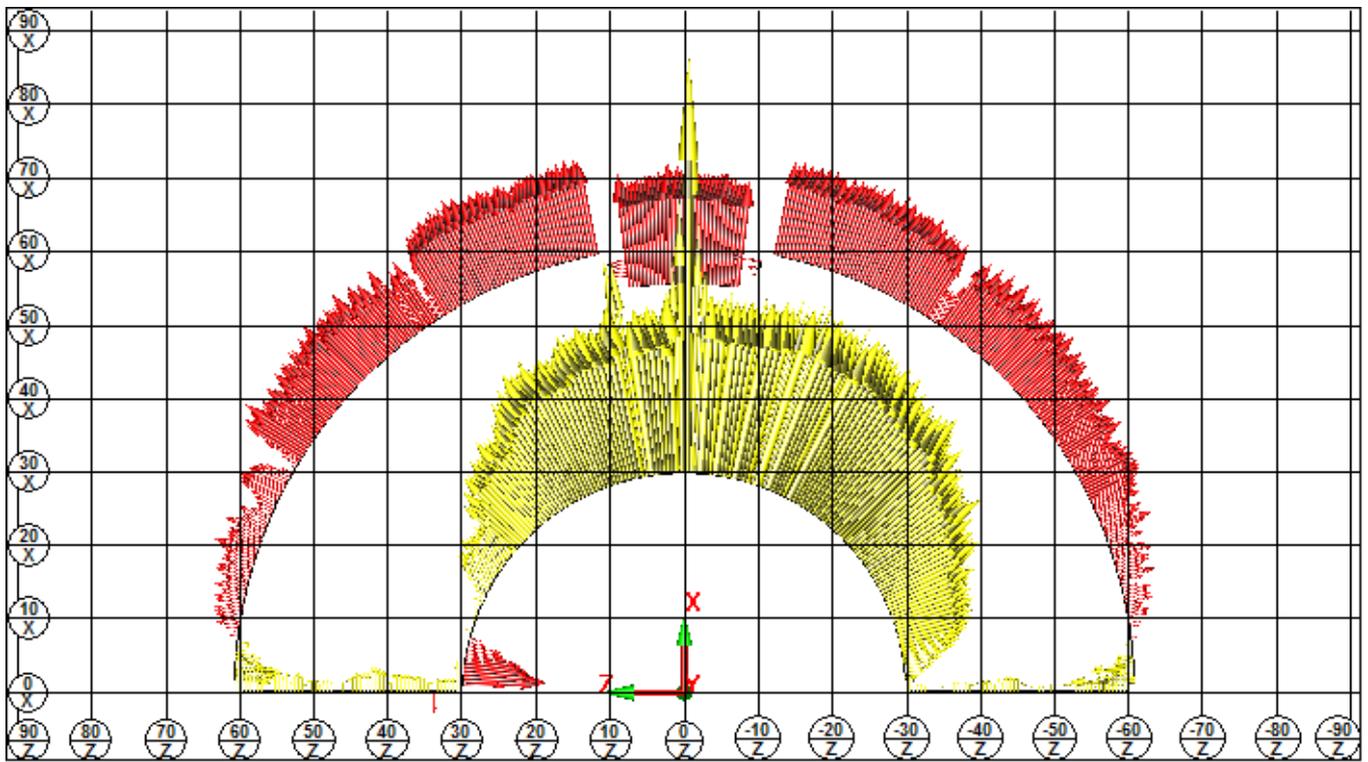
Sample Number: MBH11 Cross Section #3 at 264.125mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

Symbol	Unit	Profile Name			Visual
⤸	MM	PROF192 - SCN_OD_P_3 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.116	0.023	-0.093		
⤸	MM	PROF193 - SCN_SLT_P_3 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.003	0.003	0.002		
⤸	MM	PROF194 - SCN_SLT_BOT_3 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.022	0.017	-0.005		
⤸	MM	PROF195 - SCN_SLT_N_3 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.041	0.025	-0.016		
⤸	MM	PROF196 - SCN_OD_N_3 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.111	0.015	-0.096		
⤸	MM	PROF197 - SCN_PP_N_3 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.143	0.143	0.111		
⤸	MM	PROF198 - SCN_ID_3 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.538	0.121	-0.418		
⤸	MM	PROF199 - SCN_PP_P_3 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.182	0.182	0.100		



Sample Number: MBH11 Cross Section #3 at 264.125mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : Constructed Circle
 for 1 x-SECTION -X- is Best Fit to : Constructed Circle
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan
 Radius & Roundness of Constructed Circle at Cross Section #3 = 60.714 & 0.119

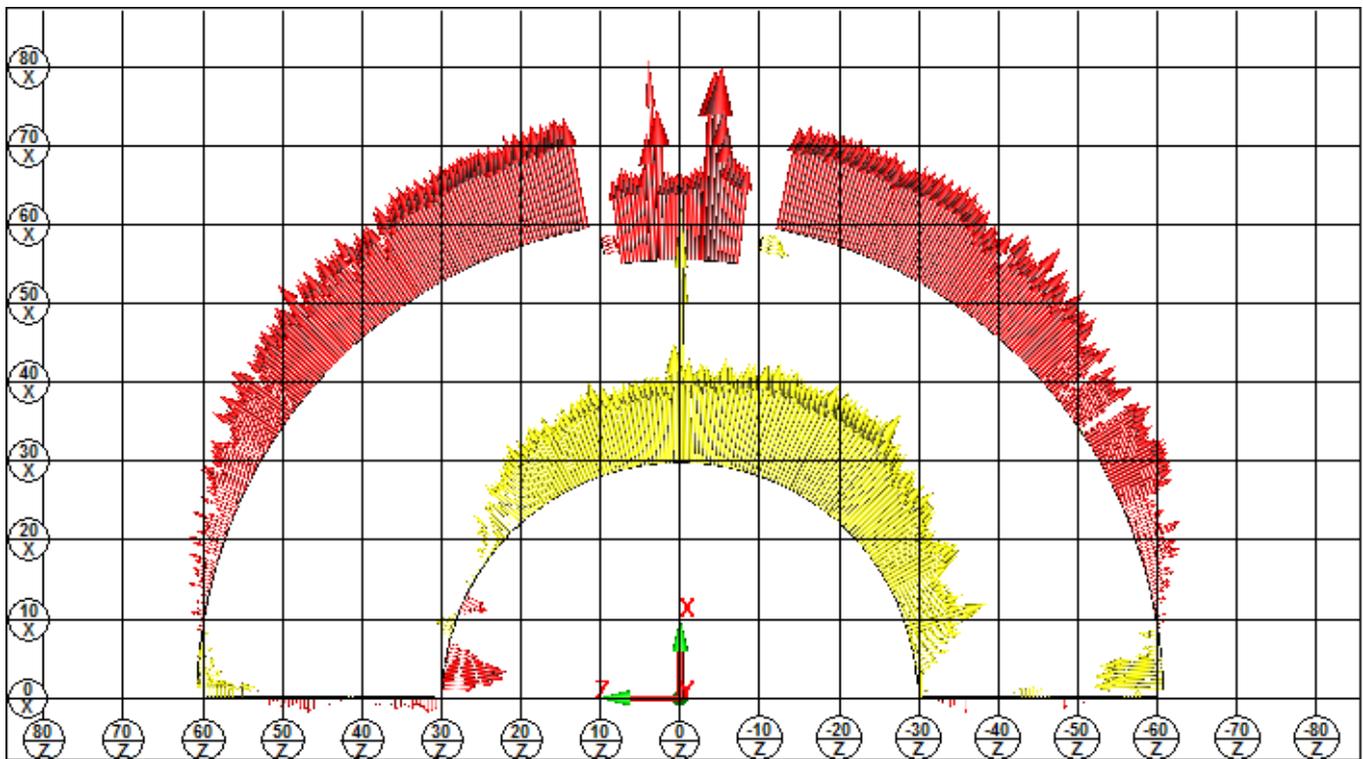
	MM	PROF77 - SCN_OD_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.195	0.138	-0.057	
	MM	PROF78 - SCN_SLT_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.035	0.035	0.031	
	MM	PROF79 - SCN_SLT_BOT_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.166	0.166	0.144	
	MM	PROF80 - SCN_SLT_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.044	0.044	0.003	
	MM	PROF81 - SCN_OD_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.224	0.134	-0.090	
	MM	PROF82 - SCN_PP_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.032	-0.002	-0.032	
	MM	PROF83 - SCN_ID_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.679	0.112	-0.567	
	MM	PROF84 - SCN_PP_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.084	0.030	-0.055	



Sample Number: MBH11 Cross Section #3 at 264.125mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scans
 for ENTIRE COIL -X- is Best Fit to : O.D. scans
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scans

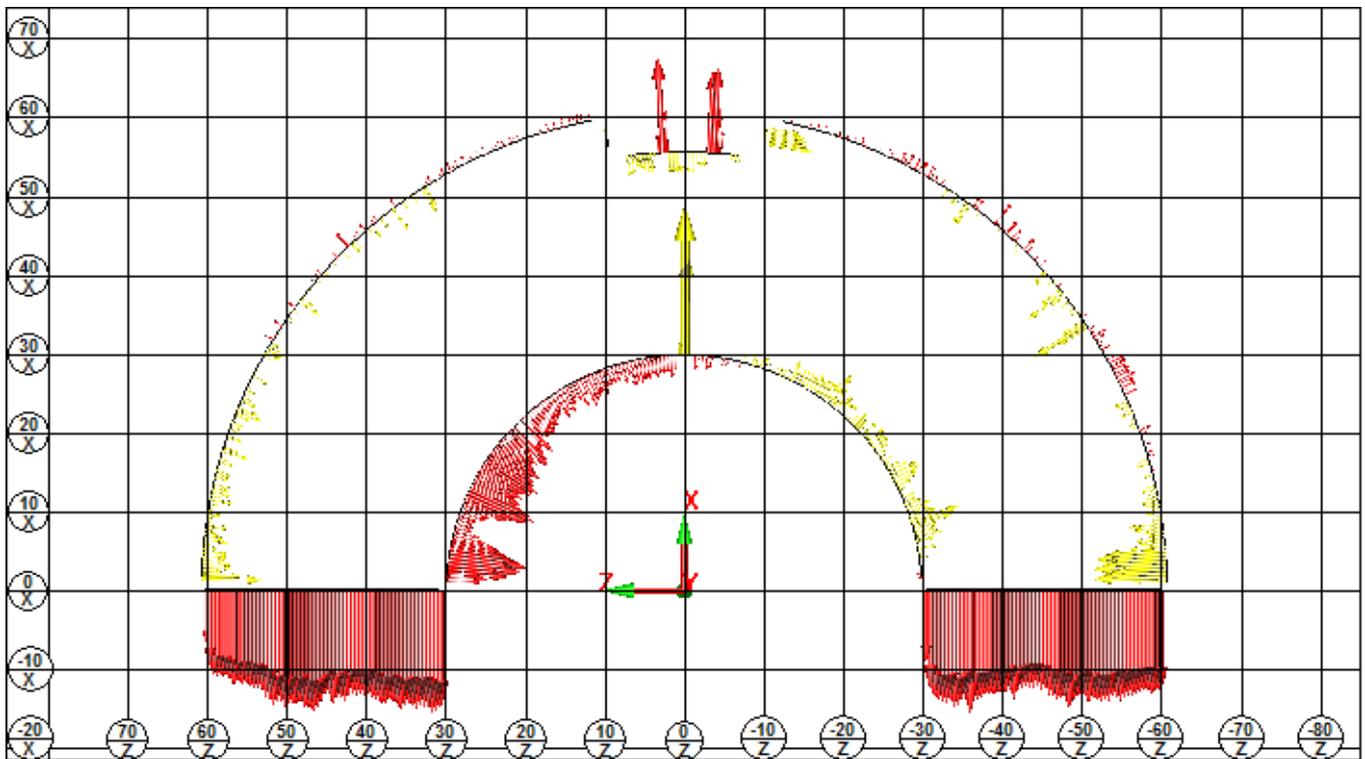
----- CROSS SECTION #4 at 442.775 SLOTTED O.D. -----

	MM	PROF85 - SCN_OD_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.218	0.145	-0.073	
	MM	PROF86 - SCN_SLT_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.025	0.025	0.019	
	MM	PROF87 - SCN_SLT_BOT_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.259	0.259	0.108	
	MM	PROF88 - SCN_SLT_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.038	-0.020	-0.038	
	MM	PROF89 - SCN_OD_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.229	0.140	-0.089	
	MM	PROF90 - SCN_PP_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.063	0.020	-0.043	
	MM	PROF91 - SCN_ID_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.408	0.080	-0.328	
	MM	PROF92 - SCN_PP_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.089	0.021	-0.068	



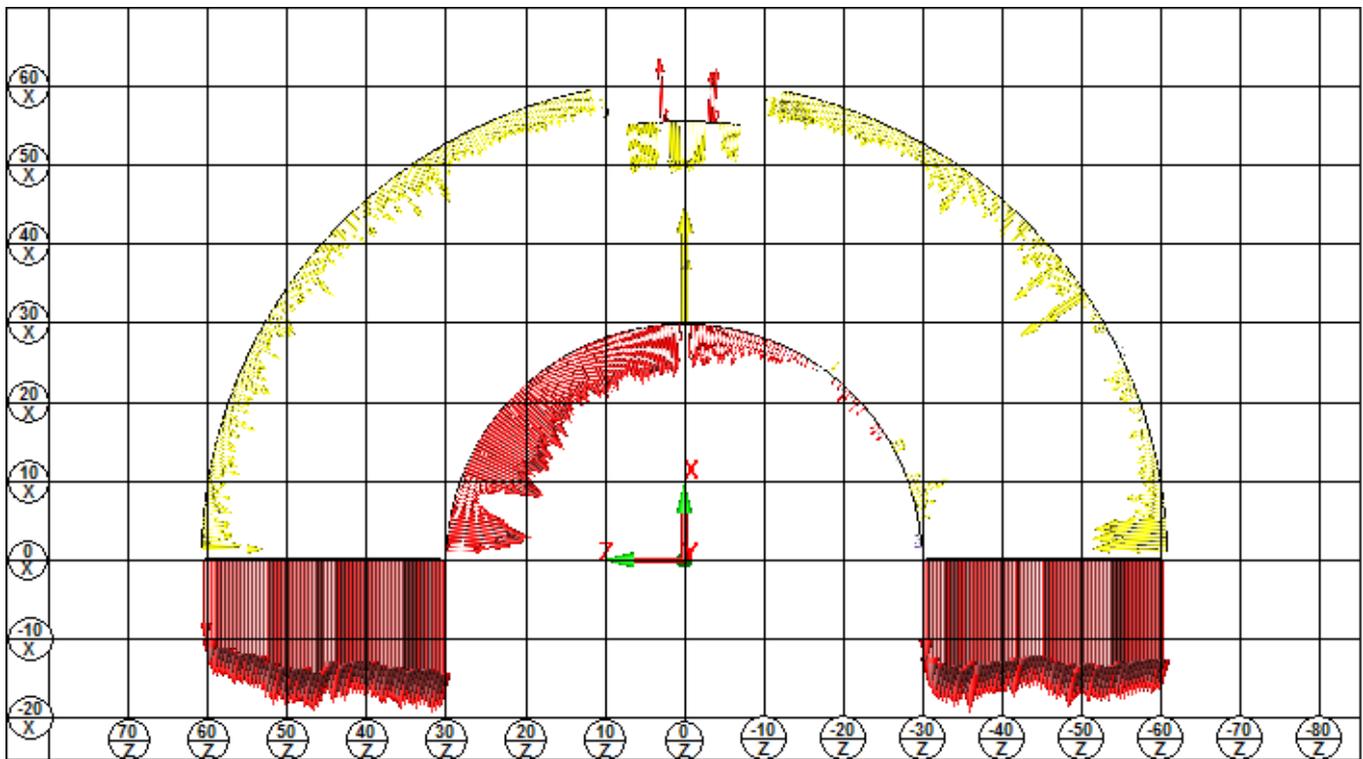
Sample Number: MBH11 Cross Section #4 at 442.775mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

Profile	Unit	MEAS	MAX	MIN	Visual
PROF93 - SCN_OD_P_4 FORMANDLOCATION					
AX	MM				
M		0.101	0.024	-0.077	
PROF94 - SCN_SLT_P_4 FORMANDLOCATION					
AX	MM				
M		0.002	0.000	-0.002	
PROF95 - SCN_SLT_BOT_4 FORMANDLOCATION					
AX	MM				
M		0.149	0.122	-0.027	
PROF96 - SCN_SLT_N_4 FORMANDLOCATION					
AX	MM				
M		0.063	-0.044	-0.063	
PROF97 - SCN_OD_N_4 FORMANDLOCATION					
AX	MM				
M		0.128	0.034	-0.094	
PROF98 - SCN_PP_N_4 FORMANDLOCATION					
AX	MM				
M		0.157	0.157	0.094	
PROF99 - SCN_ID_4 FORMANDLOCATION					
AX	MM				
M		0.291	0.100	-0.192	
PROF100 - SCN_PP_P_4 FORMANDLOCATION					
AX	MM				
M		0.157	0.157	0.068	



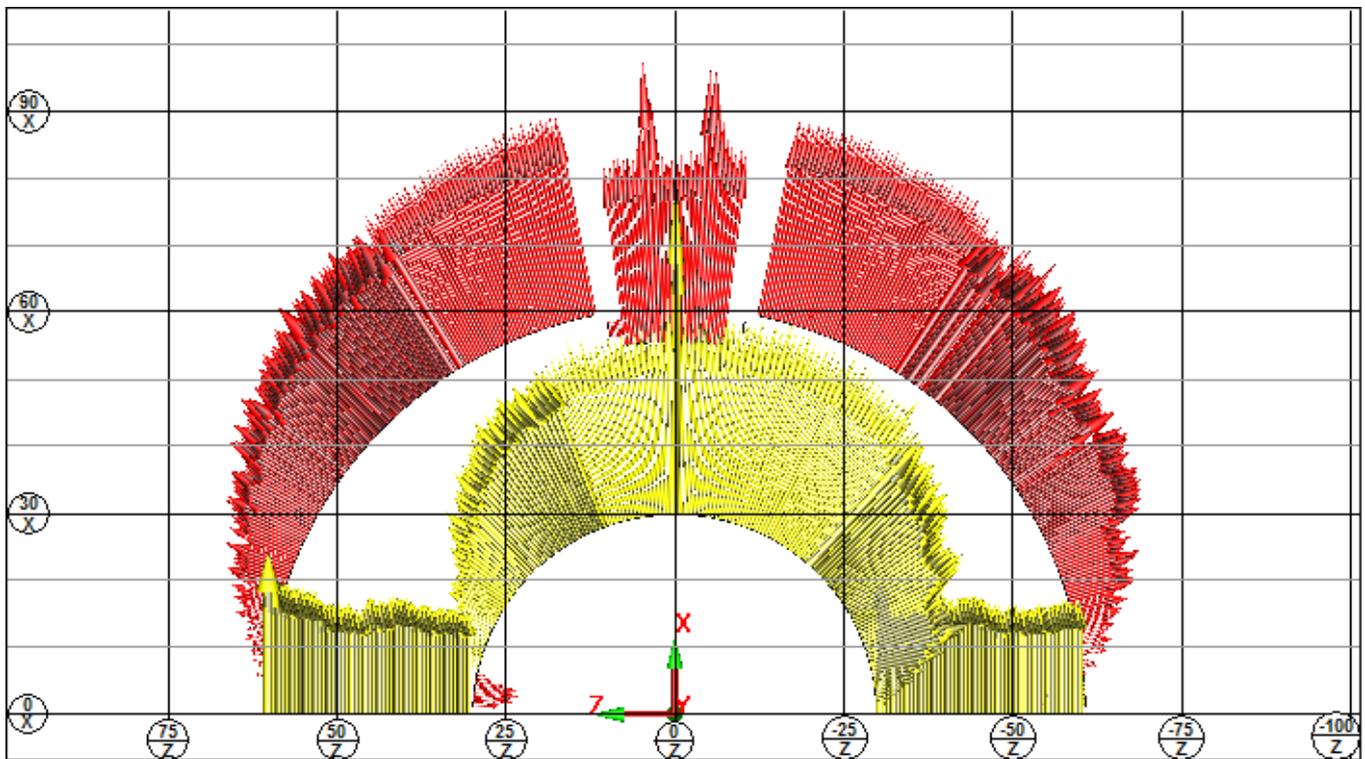
Sample Number: MBH11 Cross Section #4 at 442.775mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

Symbol	Unit	Profile Name	MEAS	MAX	MIN	Visual
⤴	MM	PROF200 - SCN_OD_P_4 FORMANDLOCATION				
AX		MEAS				
M			0.077	-0.004	-0.077	
⤴	MM	PROF201 - SCN_SLT_P_4 FORMANDLOCATION				
AX		MEAS				
M			0.008	-0.007	-0.008	
⤴	MM	PROF202 - SCN_SLT_BOT_4 FORMANDLOCATION				
AX		MEAS				
M			0.149	0.084	-0.066	
⤴	MM	PROF203 - SCN_SLT_N_4 FORMANDLOCATION				
AX		MEAS				
M			0.070	-0.051	-0.070	
⤴	MM	PROF204 - SCN_OD_N_4 FORMANDLOCATION				
AX		MEAS				
M			0.108	0.008	-0.100	
⤴	MM	PROF205 - SCN_PP_N_4 FORMANDLOCATION				
AX		MEAS				
M			0.196	0.196	0.133	
⤴	MM	PROF206 - SCN_ID_4 FORMANDLOCATION				
AX		MEAS				
M			0.259	0.106	-0.153	
⤴	MM	PROF207 - SCN_PP_P_4 FORMANDLOCATION				
AX		MEAS				
M			0.196	0.196	0.107	



Sample Number: MBH11 Cross Section #4 at 442.775mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : Constructed Circle
 for 1 x-SECTION -X- is Best Fit to : Constructed Circle
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan
 Radius & Roundness of Constructed Circle at Cross Section #4 = 60.698 & 0.108

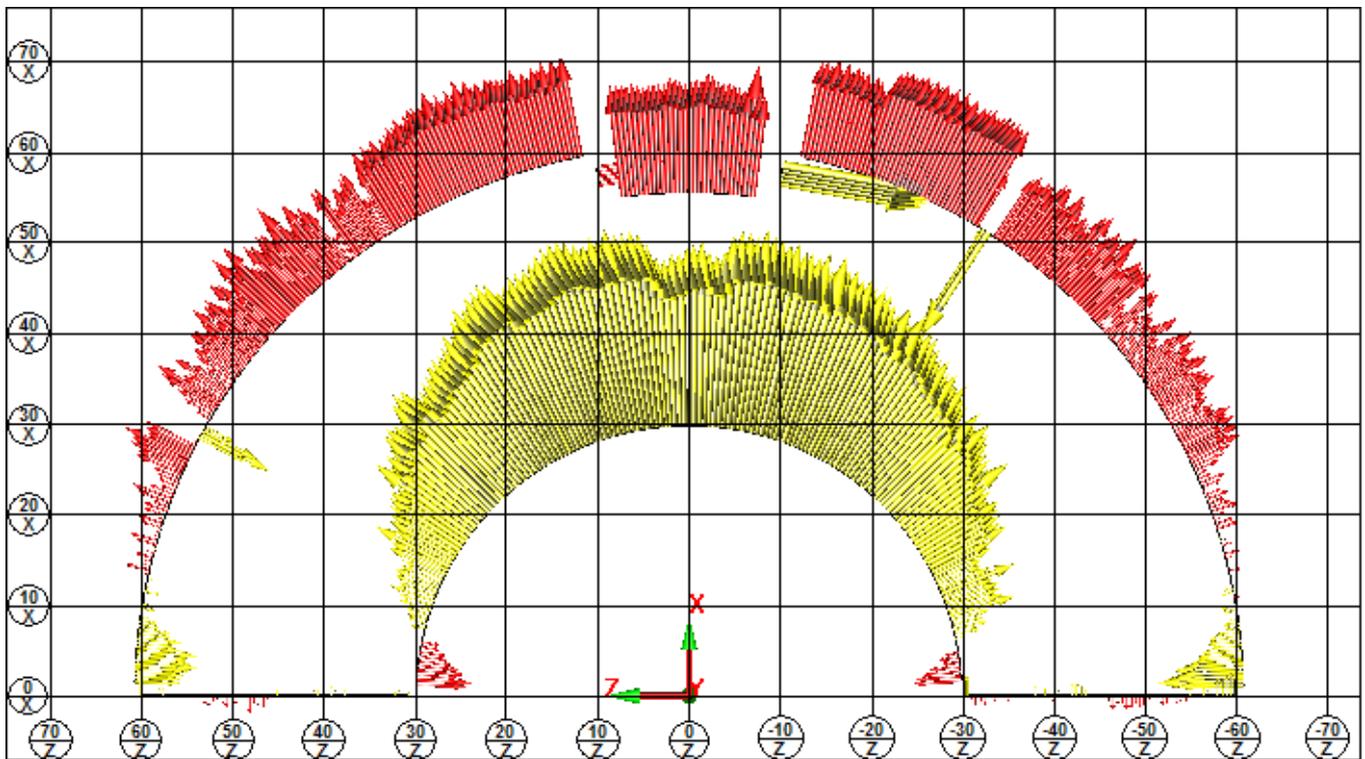
Symbol	Unit	PROF101 - SCN_OD_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.382	0.309	-0.074	
Symbol	Unit	PROF102 - SCN_SLT_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.067	0.067	0.056	
Symbol	Unit	PROF103 - SCN_SLT_BOT_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.427	0.427	0.275	
Symbol	Unit	PROF104 - SCN_SLT_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.020	-0.002	-0.020	
Symbol	Unit	PROF105 - SCN_OD_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.382	0.304	-0.078	
Symbol	Unit	PROF106 - SCN_PP_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.209	-0.145	-0.209	
Symbol	Unit	PROF107 - SCN_ID_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.562	0.065	-0.497	
Symbol	Unit	PROF108 - SCN_PP_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.242	-0.151	-0.242	



Sample Number: MBH11 Cross Section #4 at 442.775mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scans
 for ENTIRE COIL -X- is Best Fit to : O.D. scans
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scans

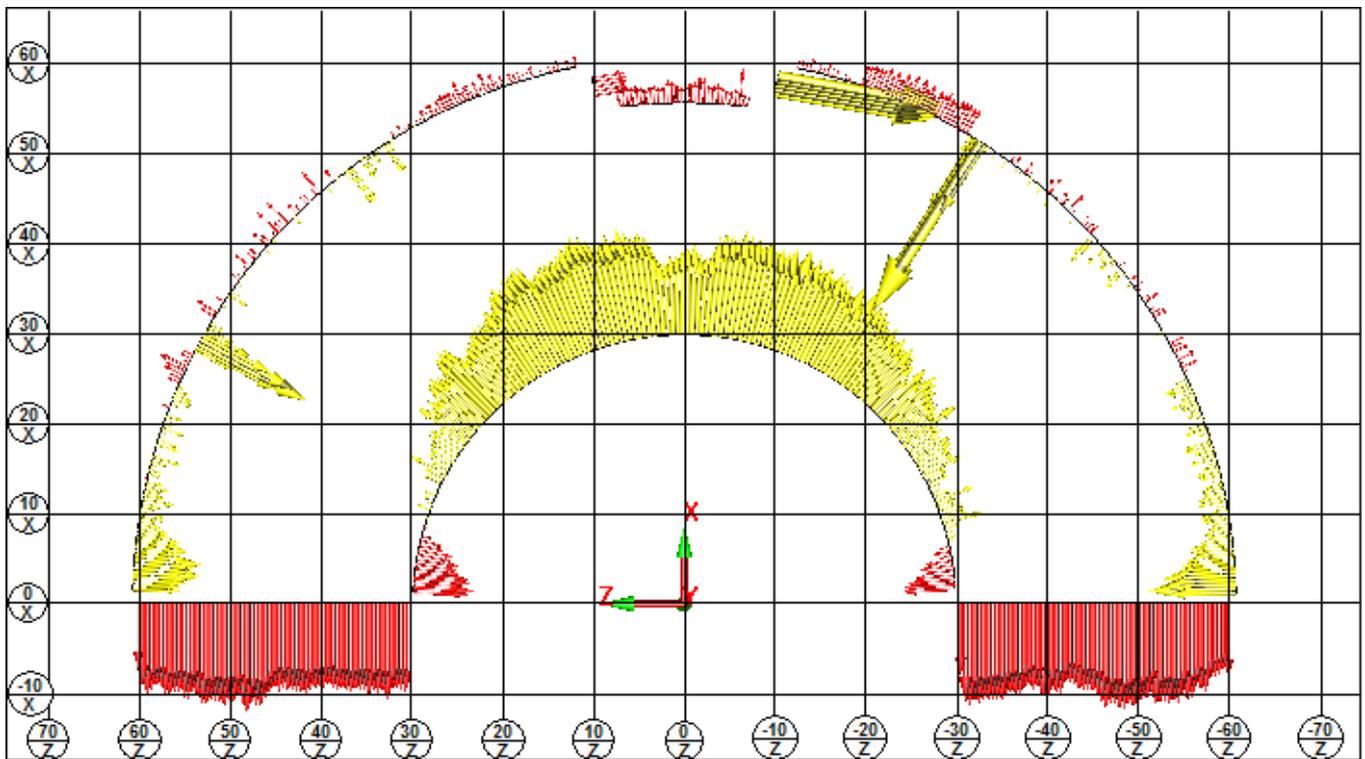
----- CROSS SECTION #5 at 720.08 SLOTTED O.D. -----

Symbol	MM	PROF109 - SCN_OD_P_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.207	0.122	-0.085	
Symbol	MM	PROF110 - SCN_SLT_P_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.057	0.057	0.054	
Symbol	MM	PROF111 - SCN_SLT_BOT_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.144	0.144	0.113	
Symbol	MM	PROF112 - SCN_SLT_N_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.168	-0.158	-0.168	
Symbol	MM	PROF113 - SCN_OD_N_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.265	0.128	-0.137	
Symbol	MM	PROF114 - SCN_PP_N_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.043	0.016	-0.027	
Symbol	MM	PROF115 - SCN_ID_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.286	0.060	-0.226	
Symbol	MM	PROF116 - SCN_PP_P_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.050	0.021	-0.029	



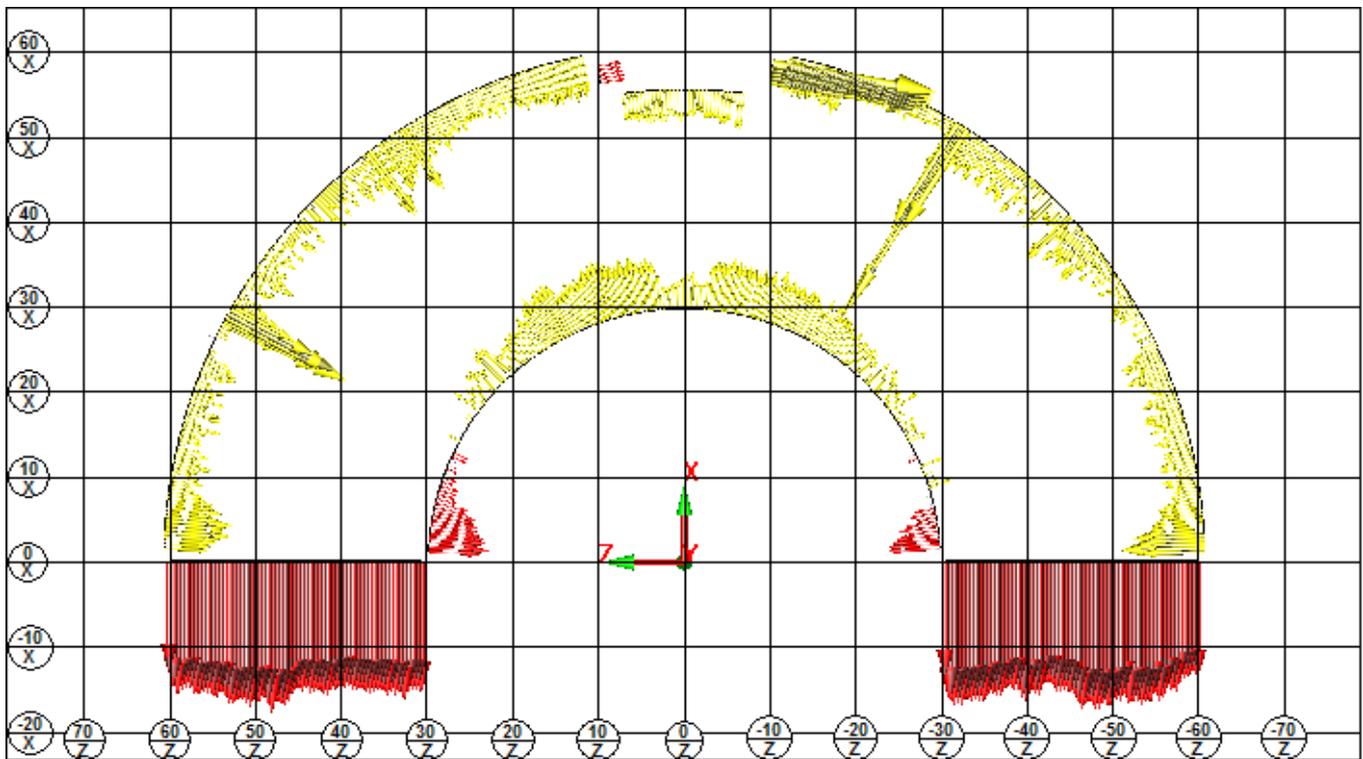
Sample Number: MBH11 Cross Section #5 at 720.08mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

Symbol	Unit	Profile Name			Visual
⤸	MM	PROF117 - SCN_OD_P_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.168	0.033	-0.134		
⤸	MM	PROF118 - SCN_SLT_P_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.039	0.039	0.037		
⤸	MM	PROF119 - SCN_SLT_BOT_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.042	0.042	0.011		
⤸	MM	PROF120 - SCN_SLT_N_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.187	-0.176	-0.187		
⤸	MM	PROF121 - SCN_OD_N_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.257	0.033	-0.224		
⤸	MM	PROF122 - SCN_PP_N_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.119	0.119	0.077		
⤸	MM	PROF123 - SCN_ID_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.195	0.067	-0.128		
⤸	MM	PROF124 - SCN_PP_P_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.123	0.123	0.073		



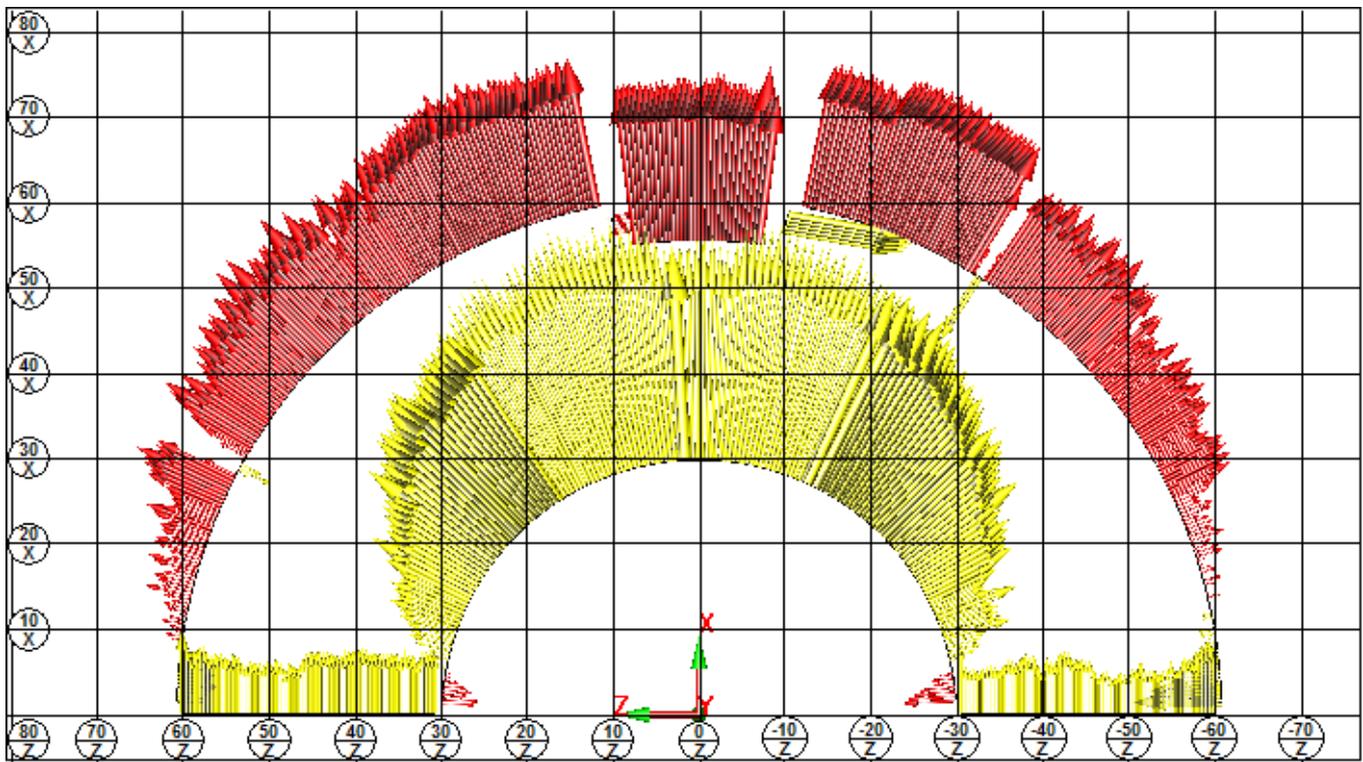
Sample Number: MBH11 Cross Section #5 at 720.08mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

Symbol	Unit	Profile Name	MEAS	MAX	MIN	Bar Chart
⤴	MM	PROF208 - SCN_OD_P_5 FORMANDLOCATION				
AX		MEAS				
M			0.170	0.009	-0.161	
⤴	MM	PROF209 - SCN_SLT_P_5 FORMANDLOCATION				
AX		MEAS				
M			0.029	0.029	0.028	
⤴	MM	PROF210 - SCN_SLT_BOT_5 FORMANDLOCATION				
AX		MEAS				
M			0.045	-0.014	-0.045	
⤴	MM	PROF211 - SCN_SLT_N_5 FORMANDLOCATION				
AX		MEAS				
M			0.197	-0.186	-0.197	
⤴	MM	PROF212 - SCN_OD_N_5 FORMANDLOCATION				
AX		MEAS				
M			0.271	-0.005	-0.271	
⤴	MM	PROF213 - SCN_PP_N_5 FORMANDLOCATION				
AX		MEAS				
M			0.176	0.176	0.133	
⤴	MM	PROF214 - SCN_ID_5 FORMANDLOCATION				
AX		MEAS				
M			0.144	0.070	-0.074	
⤴	MM	PROF215 - SCN_PP_P_5 FORMANDLOCATION				
AX		MEAS				
M			0.179	0.179	0.129	



Sample Number: MBH11 Cross Section #5 at 720.08mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : Constructed Circle
 for 1 x-SECTION -X- is Best Fit to : Constructed Circle
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan
 Radius & Roundness of Constructed Circle at Cross Section #5 = 60.686 & 0.28

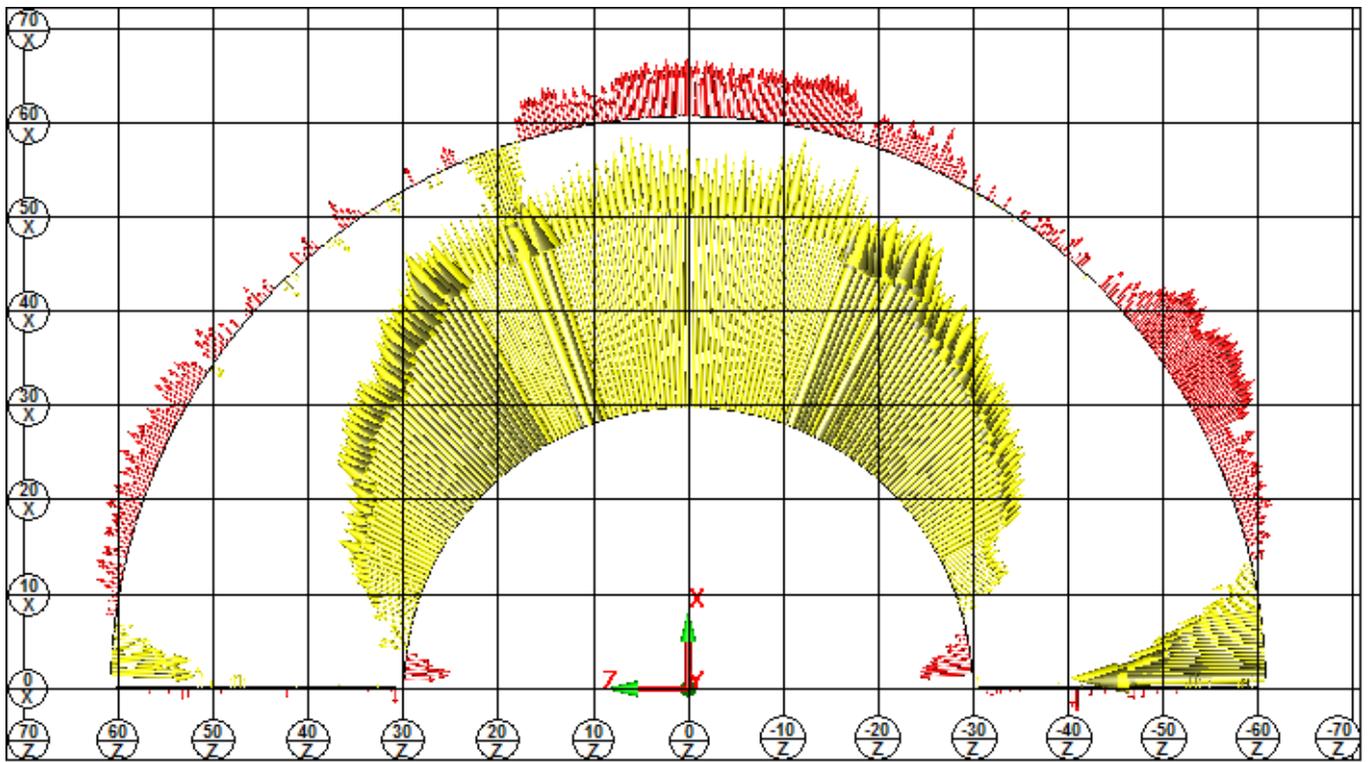
Symbol	Unit	Profile Name			Visual
⤴	MM	PROF125 - SCN_OD_P_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.239	0.187	-0.052		
⤴	MM	PROF126 - SCN_SLT_P_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.062	0.062	0.059		
⤴	MM	PROF127 - SCN_SLT_BOT_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.208	0.208	0.176		
⤴	MM	PROF128 - SCN_SLT_N_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.151	-0.140	-0.151		
⤴	MM	PROF129 - SCN_OD_N_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.287	0.183	-0.104		
⤴	MM	PROF130 - SCN_PP_N_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.086	-0.044	-0.086		
⤴	MM	PROF131 - SCN_ID_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.355	0.062	-0.292		
⤴	MM	PROF132 - SCN_PP_P_5 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.100	-0.050	-0.100		



Sample Number: MBH11 Cross Section #5 at 720.08mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scans
 for ENTIRE COIL -X- is Best Fit to : O.D. scans
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scans

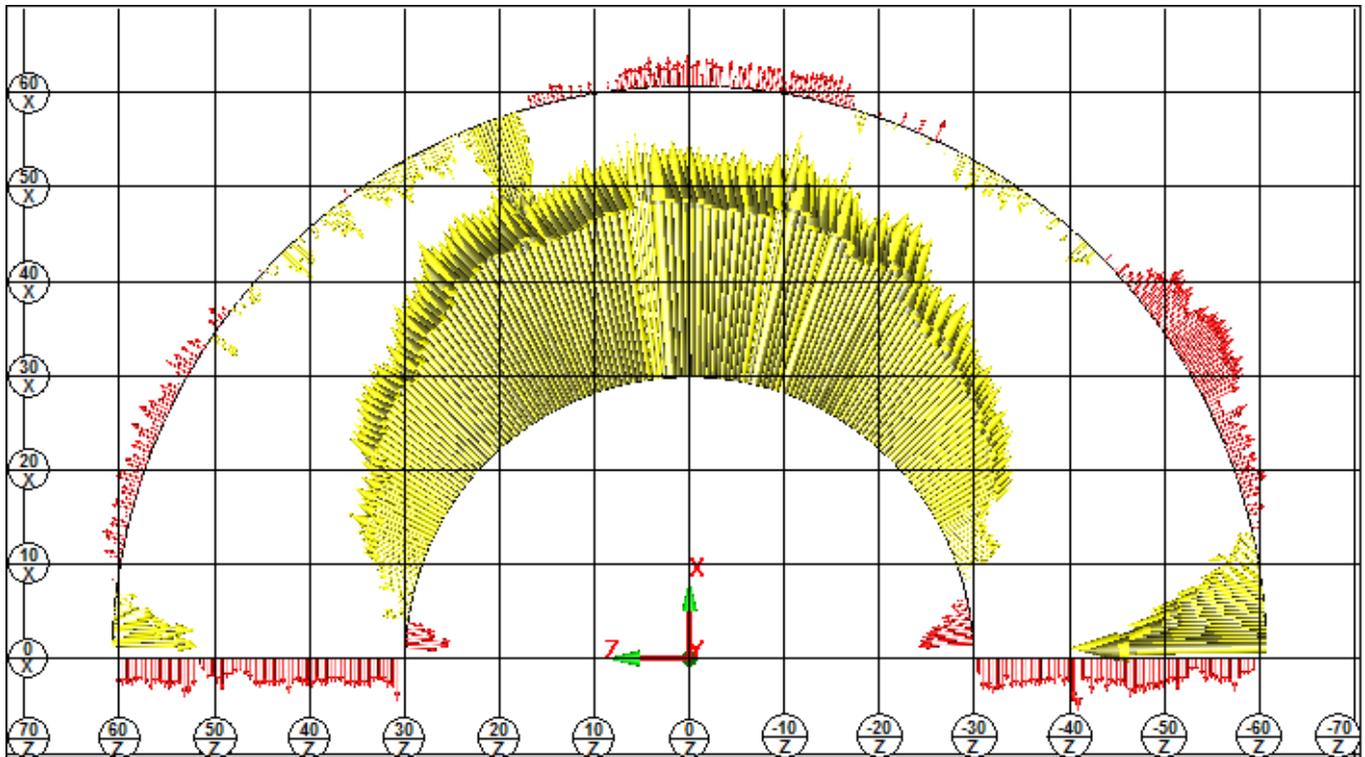
 ----- CROSS SECTION #6 at 807.611 FULL O.D. -----

	MM	PROF133 - SCN_OD_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.287	0.080	-0.207	
	MM	PROF134 - SCN_PP_N_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.055	0.028	-0.027	
	MM	PROF135 - SCN_ID_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.364	0.058	-0.306	
	MM	PROF136 - SCN_PP_P_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.039	0.018	-0.021	



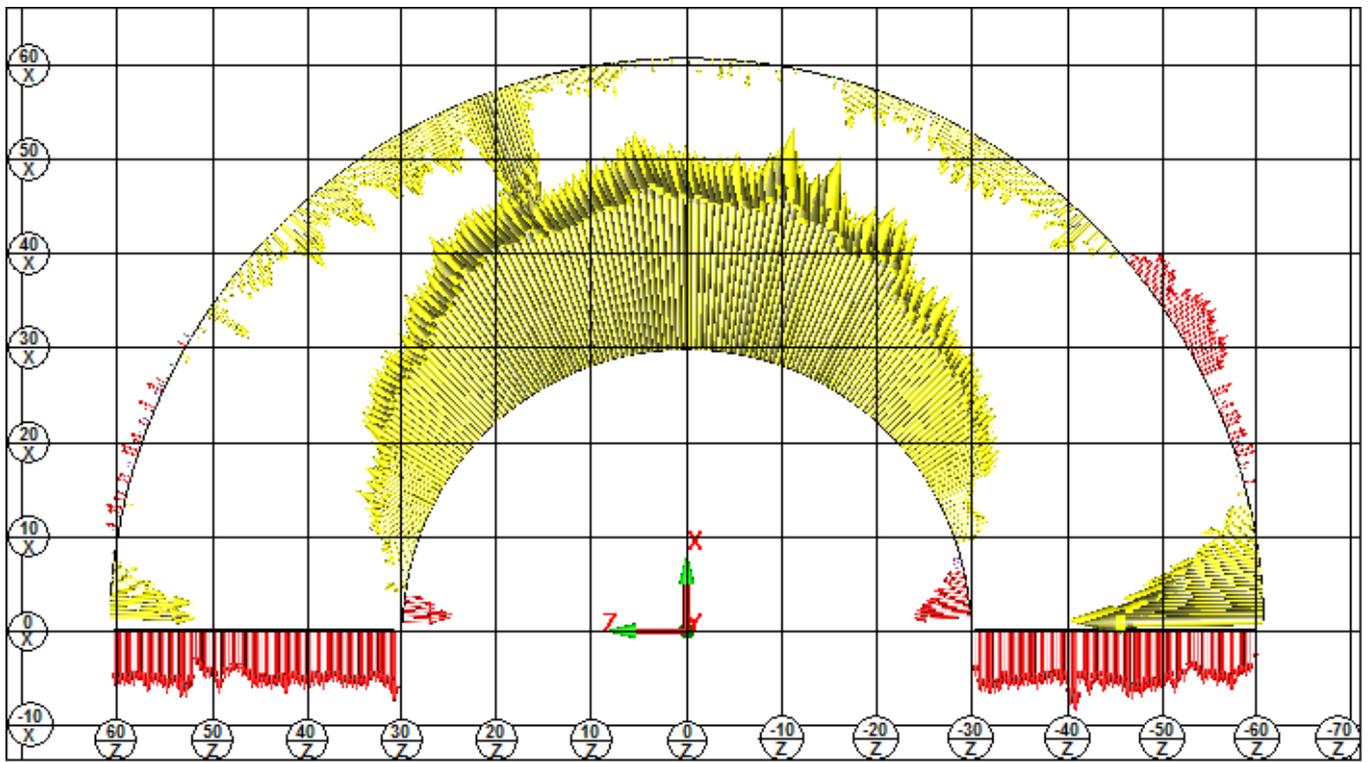
Sample Number: MBH11 Cross Section #6 at 807.611mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

	MM	PROF137 - SCN_OD_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.271	0.064	-0.207	
	MM	PROF138 - SCN_PP_N_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.058	0.058	0.003	
	MM	PROF139 - SCN_ID_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.336	0.059	-0.276	
	MM	PROF140 - SCN_PP_P_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.047	0.047	0.009	



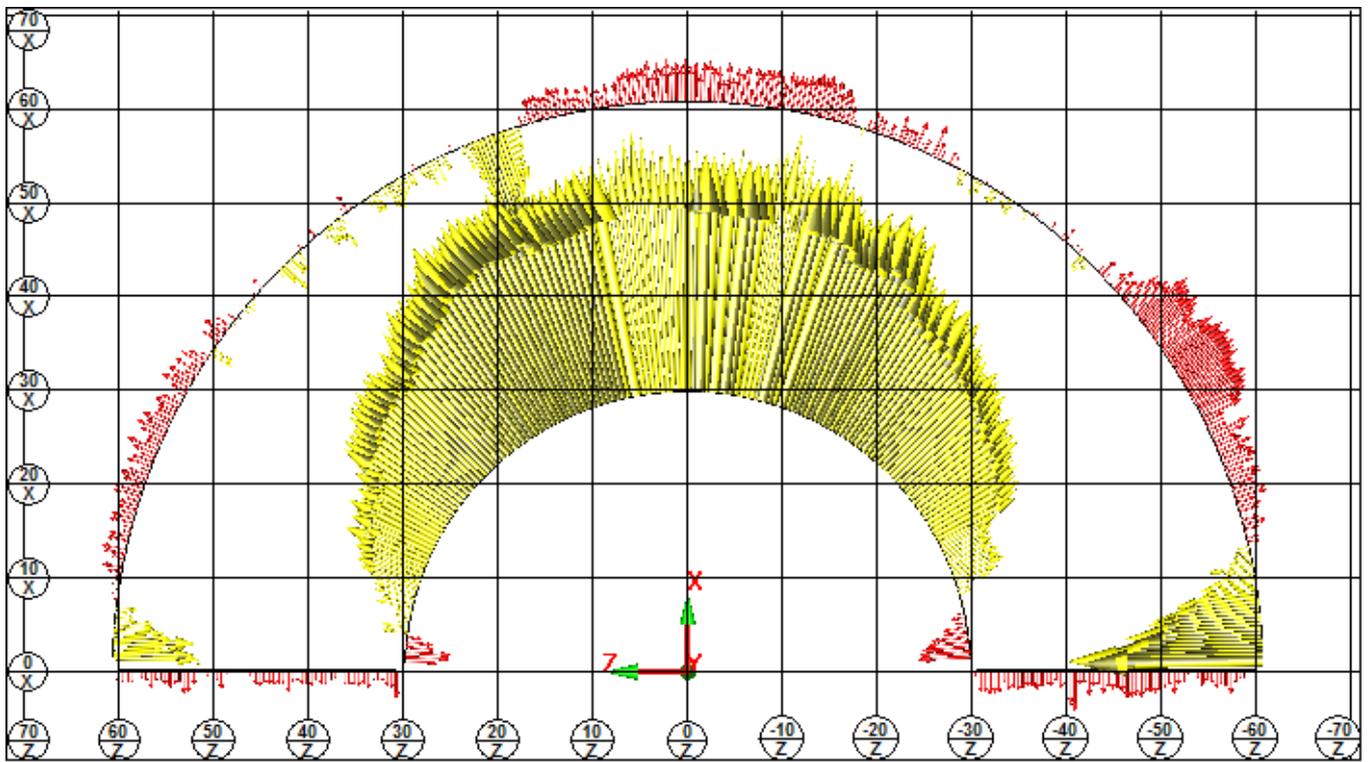
Sample Number: MBH11 Cross Section #6 at 807.611mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF216 - SCN_OD_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.256	0.047	-0.208	
MM		PROF217 - SCN_PP_N_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.089	0.089	0.034	
MM		PROF218 - SCN_ID_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.307	0.061	-0.246	
MM		PROF219 - SCN_PP_P_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.079	0.079	0.040	



Sample Number: MBH11 Cross Section #6 at 807.611mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : Constructed Circle
 for 1 x-SECTION -X- is Best Fit to : Constructed Circle
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan
 Radius & Roundness of Constructed Circle at Cross Section #6 = 60.702 & 0.256

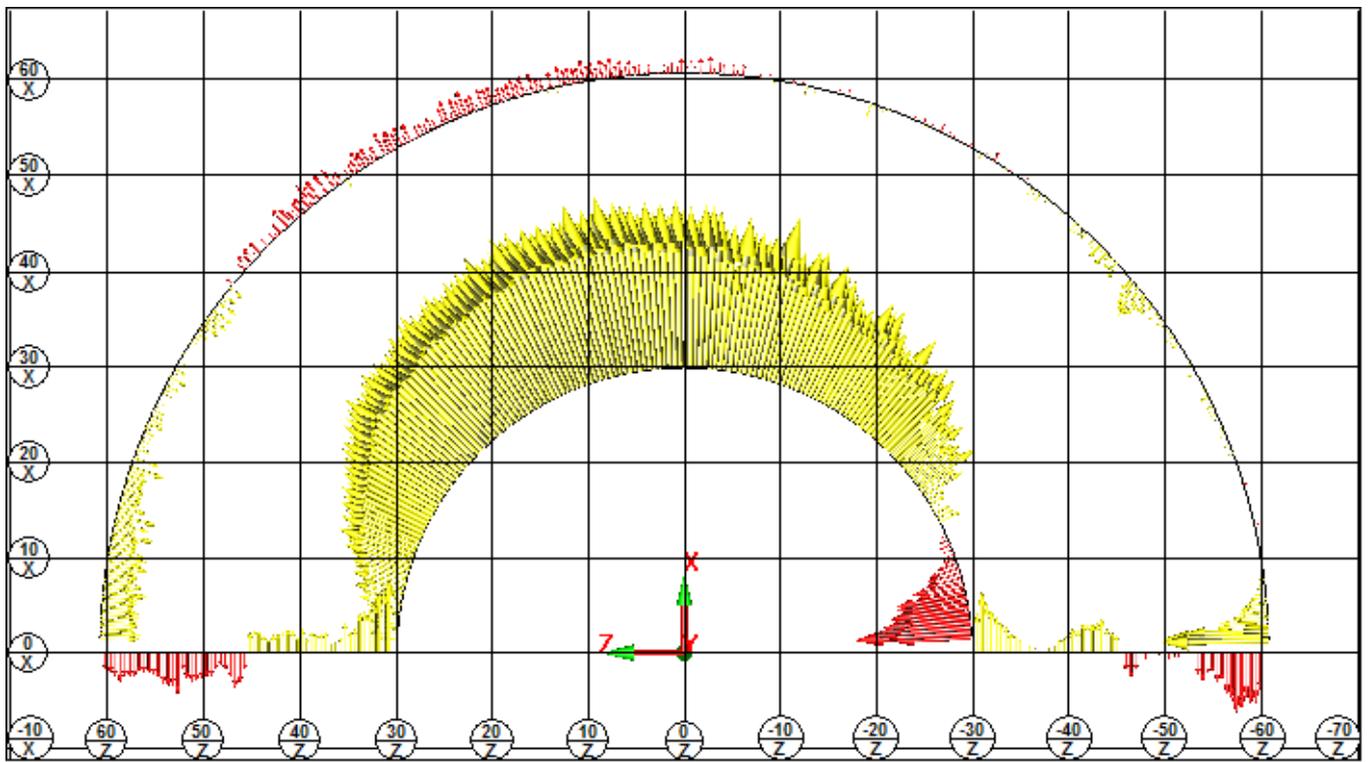
MM		PROF141 - SCN_OD_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.279	0.073	-0.206	
MM		PROF142 - SCN_PP_N_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.053	0.046	-0.008	
MM		PROF143 - SCN_ID_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.348	0.057	-0.291	
MM		PROF144 - SCN_PP_P_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.040	0.031	-0.009	



Sample Number: MBH11 Cross Section #6 at 807.611mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scans
 for ENTIRE COIL -X- is Best Fit to : O.D. scans
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scans

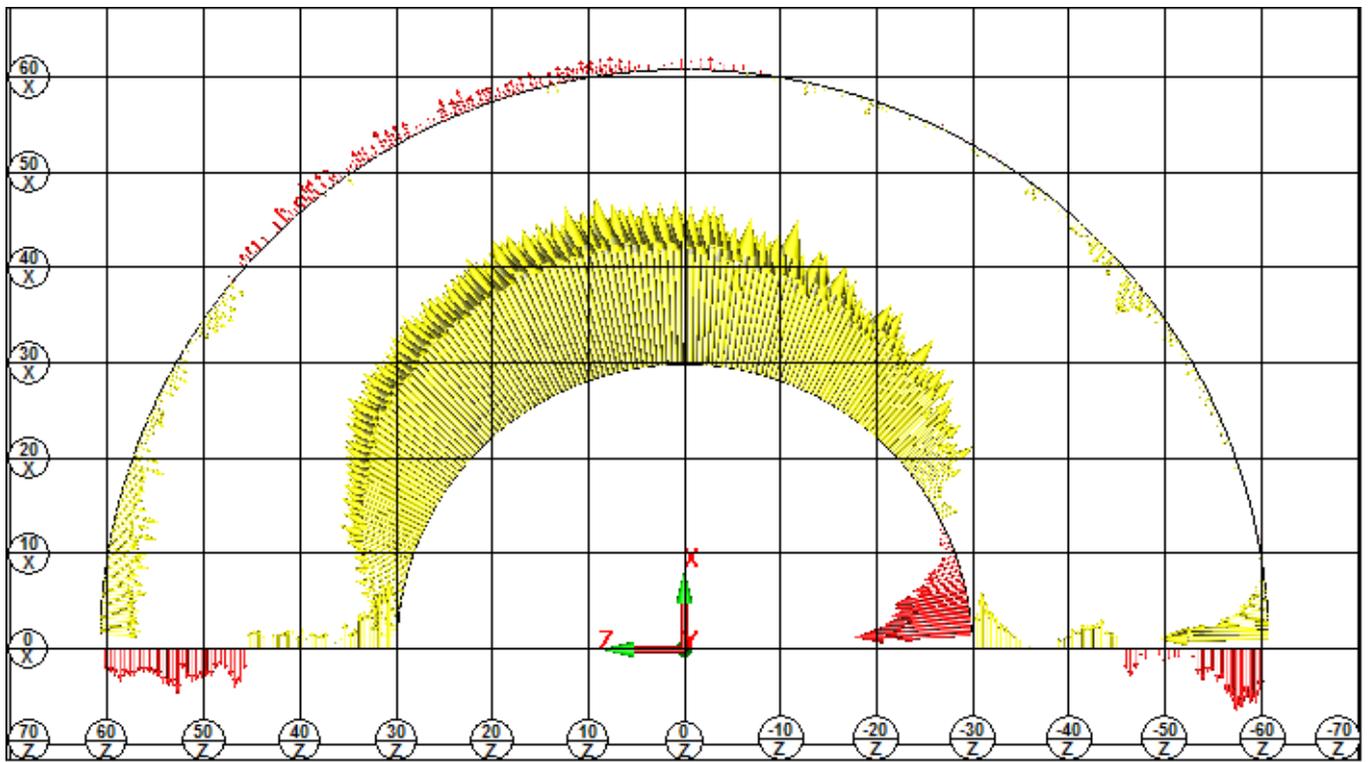
 CROSS SECTION #7 at 935.475 FULL O.D. -----

	MM	PROF145 - SCN_OD_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.142	0.030	-0.113	
	MM	PROF146 - SCN_PP_N_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.129	0.065	-0.064	
	MM	PROF147 - SCN_ID_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.310	0.121	-0.188	
	MM	PROF148 - SCN_PP_P_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.124	0.047	-0.077	



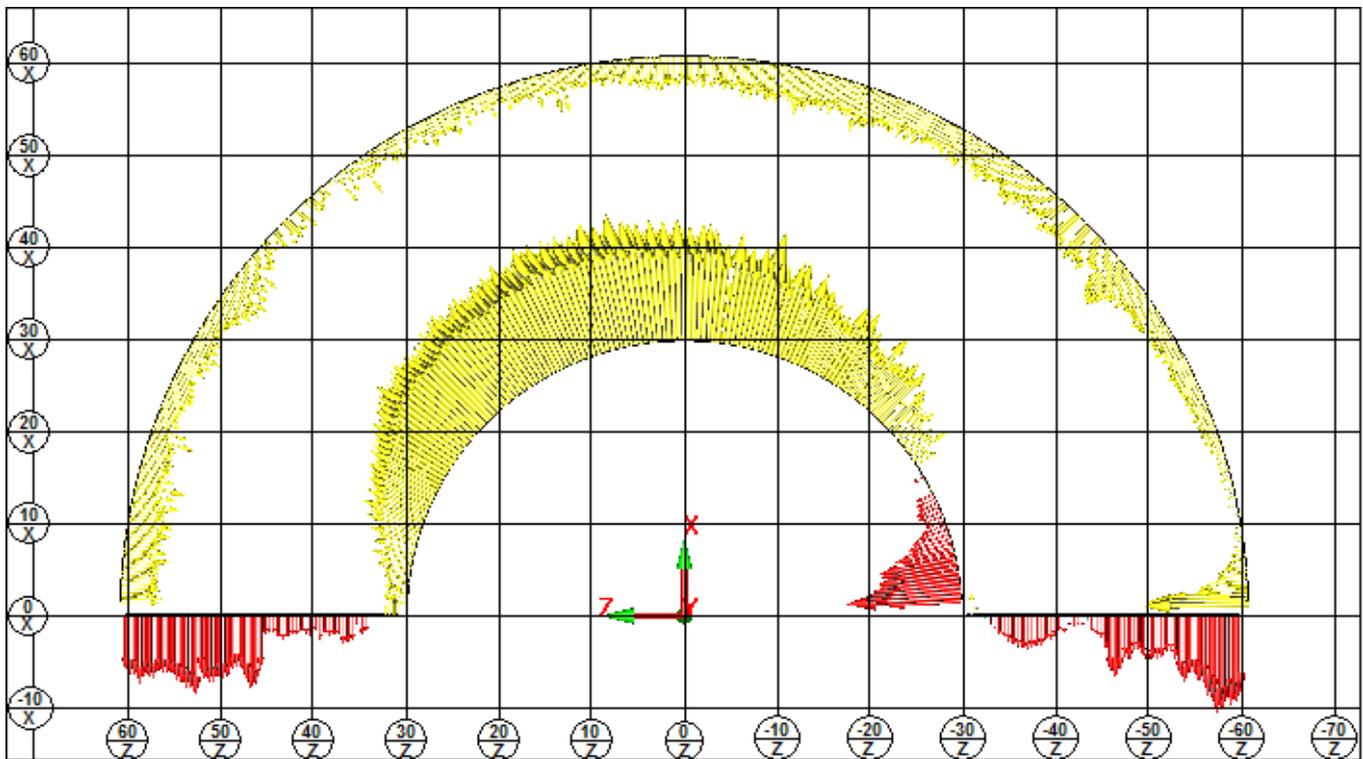
Sample Number: MBH11 Cross Section #7 at 935.475mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF149 - SCN_OD_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.139	0.026	-0.113	
MM		PROF150 - SCN_PP_N_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.129	0.068	-0.060	
MM		PROF151 - SCN_ID_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.306	0.121	-0.185	
MM		PROF152 - SCN_PP_P_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.124	0.050	-0.073	



Sample Number: MBH11 Cross Section #7 at 935.475mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

	MM	PROF220 - SCN_OD_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.114	-0.004	-0.114	
	MM	PROF221 - SCN_PP_N_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.129	0.107	-0.022	
	MM	PROF222 - SCN_ID_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.271	0.124	-0.147	
	MM	PROF223 - SCN_PP_P_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.123	0.089	-0.035	

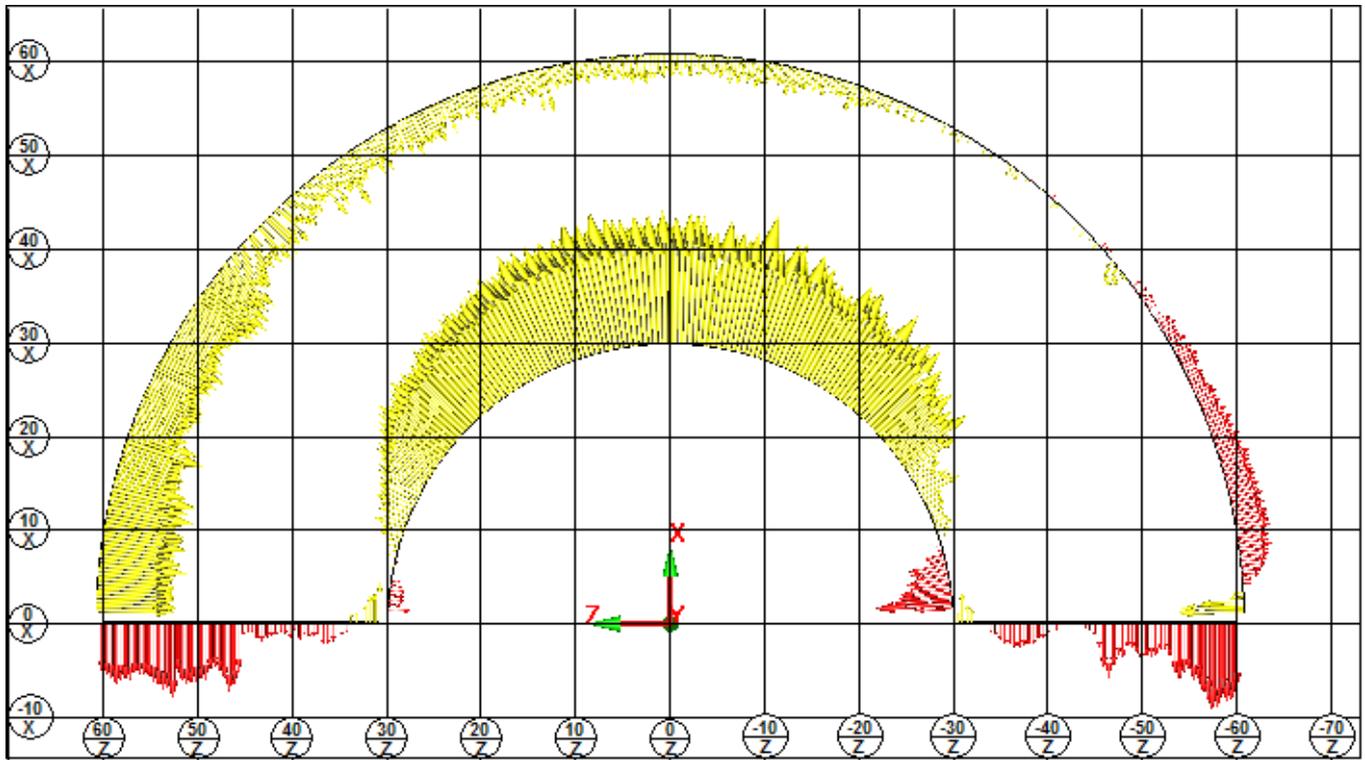


Sample Number: MBH11 Cross Section #7 at 935.475mm from RETURN END. x100

Alignment is: -Z- is Best Fit to : Constructed Circle
 for 1 x-SECTION -X- is Best Fit to : Constructed Circle
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

Radius & Roundness of Constructed Circle at Cross Section #7 = 60.697 & 0.11

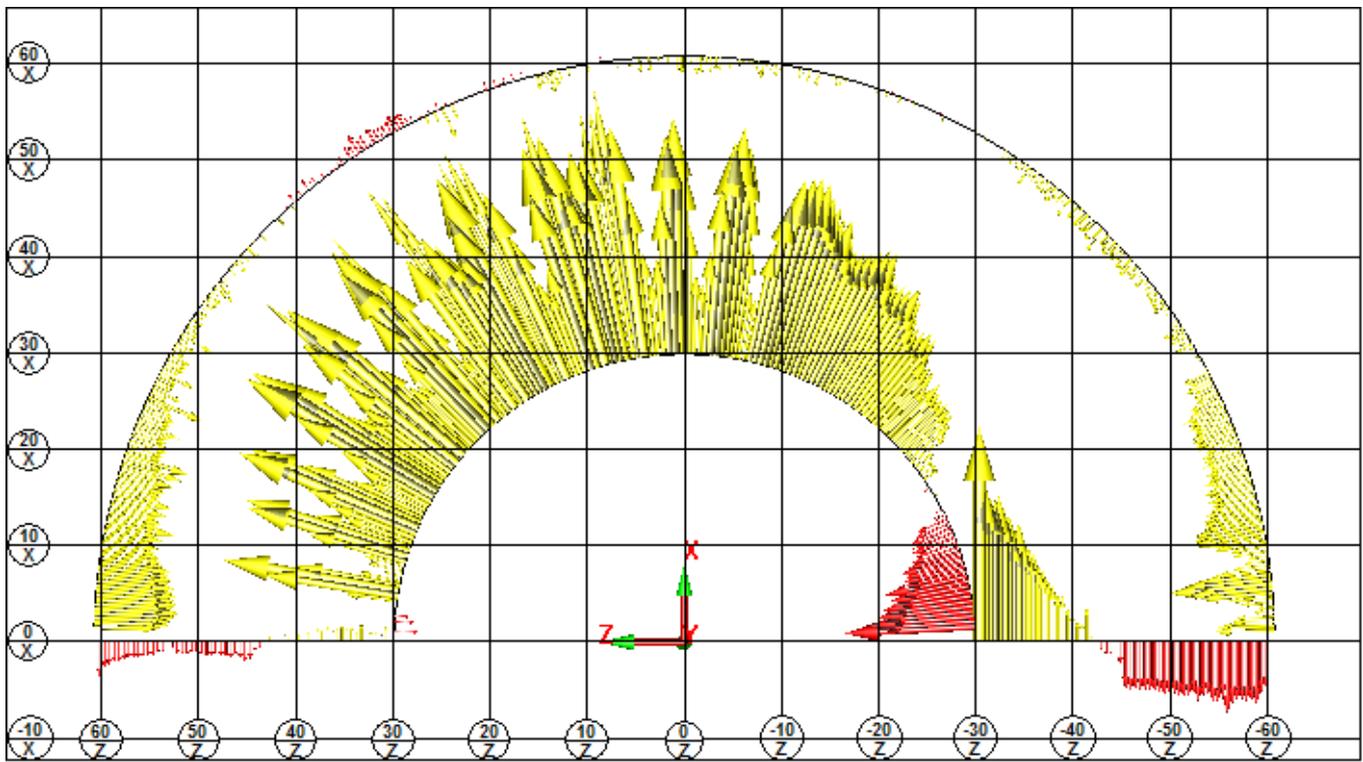
MM		PROF153 - SCN_OD_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.132	0.039	-0.093	
MM		PROF154 - SCN_PP_N_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.128	0.095	-0.033	
MM		PROF155 - SCN_ID_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.233	0.082	-0.151	
MM		PROF156 - SCN_PP_P_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.124	0.081	-0.043	



Sample Number: MBH11 Cross Section #7 at 935.475mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scans
 for ENTIRE COIL -X- is Best Fit to : O.D. scans
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scans

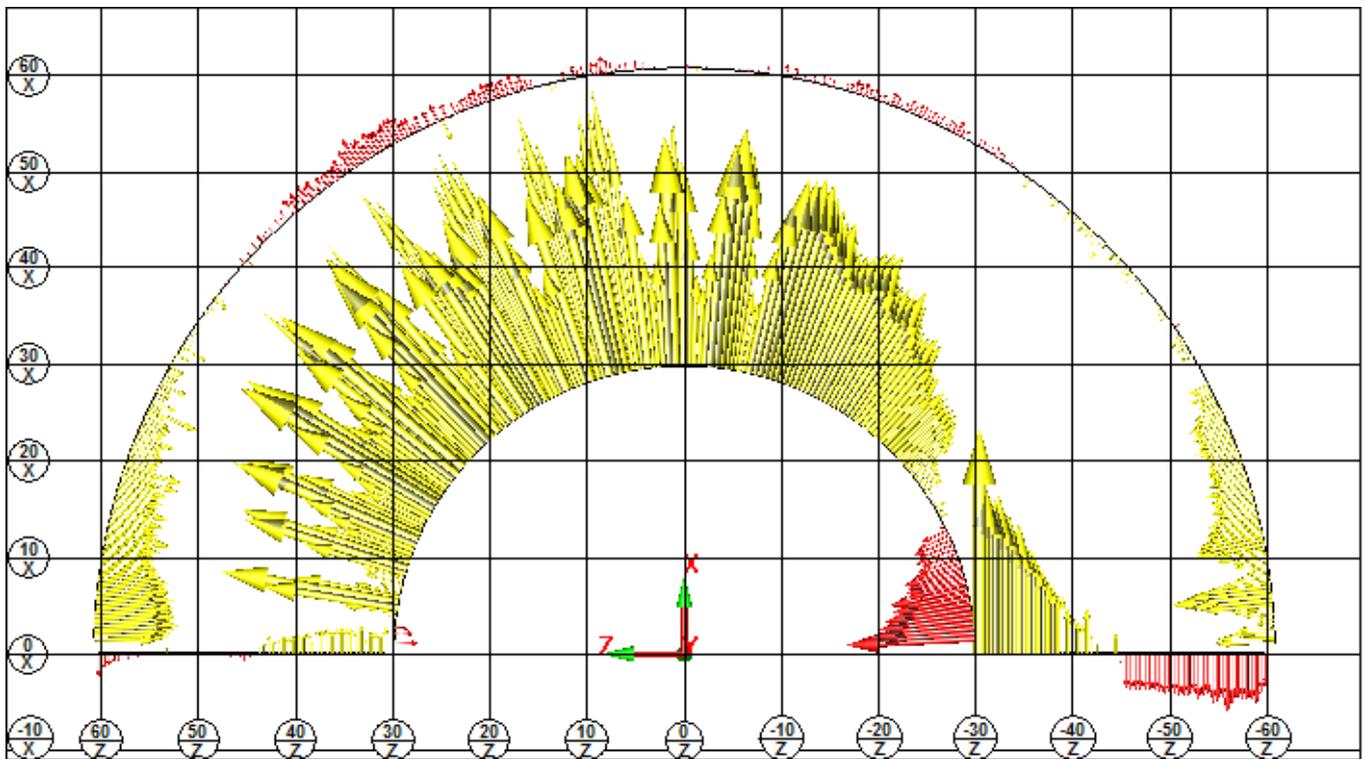
----- CROSS SECTION #8 at 966.981 FULL O.D. -----

AX	MEAS	MAX	MIN	
<div style="display: flex; align-items: center;"> ⤴ MM PROF157 - SCN_OD_8 FORMANDLOCATION </div>				
M	0.127	0.022	-0.105	<div style="width: 100px; height: 10px; background: linear-gradient(to right, yellow, purple);"></div>
<div style="display: flex; align-items: center;"> ⤴ MM PROF158 - SCN_PP_N_8 FORMANDLOCATION </div>				
M	0.296	0.075	-0.221	<div style="width: 100px; height: 10px; background: linear-gradient(to right, yellow, purple);"></div>
<div style="display: flex; align-items: center;"> ⤴ MM PROF159 - SCN_ID_8 FORMANDLOCATION </div>				
M	0.414	0.133	-0.281	<div style="width: 100px; height: 10px; background: linear-gradient(to right, yellow, purple);"></div>
<div style="display: flex; align-items: center;"> ⤴ MM PROF160 - SCN_PP_P_8 FORMANDLOCATION </div>				
M	0.055	0.038	-0.017	<div style="width: 100px; height: 10px; background: linear-gradient(to right, red, purple);"></div>



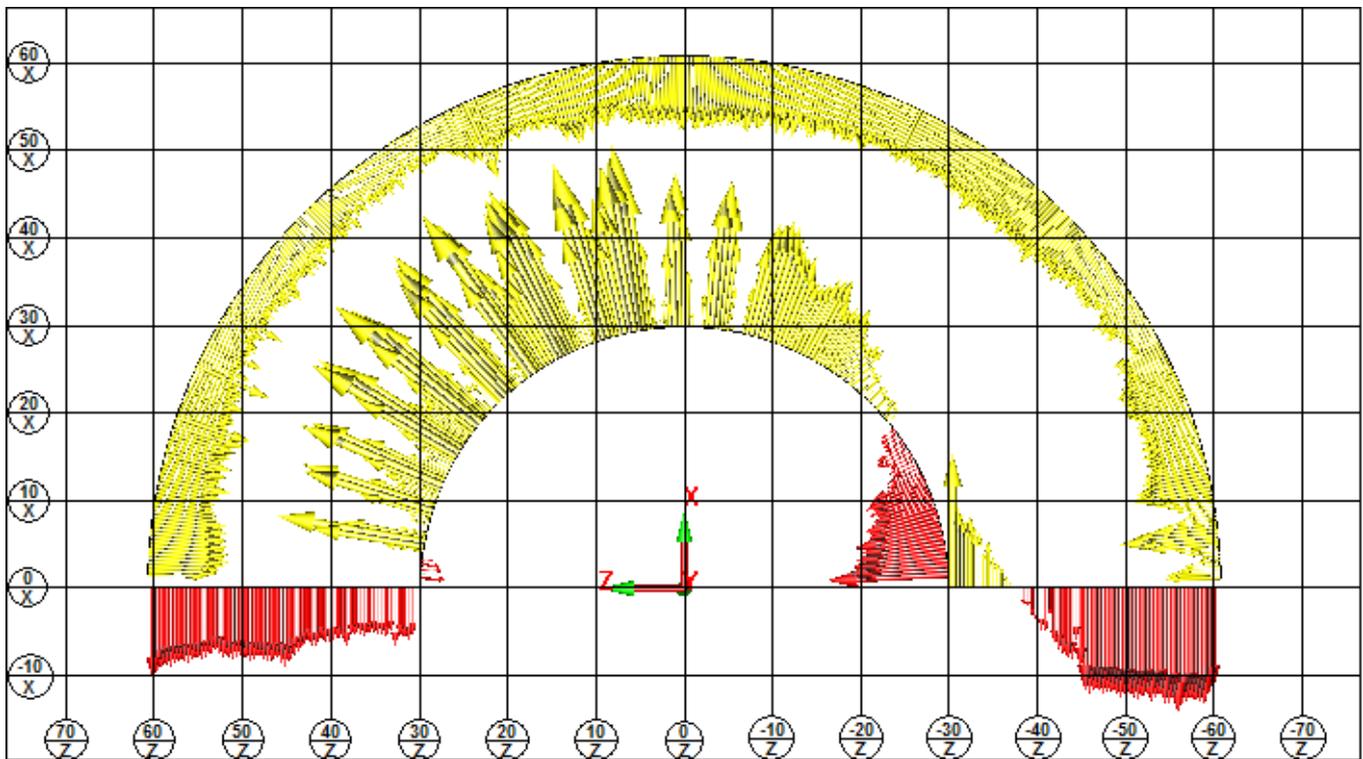
Sample Number: MBH11 Cross Section #8 at 966.981mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF161 - SCN_OD_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.137	0.033	-0.104	
MM		PROF162 - SCN_PP_N_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.296	0.063	-0.233	
MM		PROF163 - SCN_ID_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.426	0.132	-0.294	
MM		PROF164 - SCN_PP_P_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.055	0.026	-0.030	



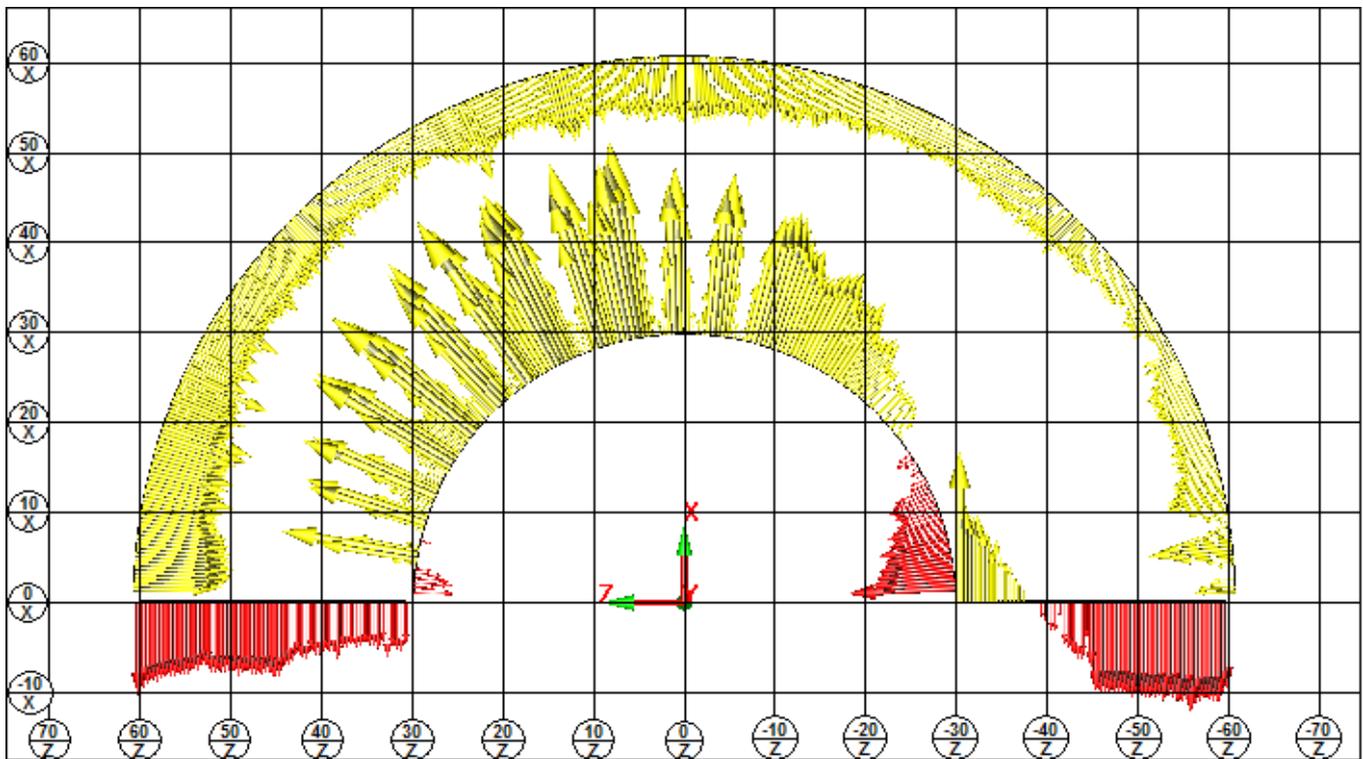
Sample Number: MBH11 Cross Section #8 at 966.981mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF224 - SCN_OD_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.112	-0.021	-0.112	
MM		PROF225 - SCN_PP_N_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.296	0.144	-0.152	
MM		PROF226 - SCN_ID_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.357	0.137	-0.220	
MM		PROF227 - SCN_PP_P_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.106	0.106	0.051	



Sample Number: MBH11 Cross Section #8 at 966.981mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : Constructed Circle
 for 1 x-SECTION -X- is Best Fit to : Constructed Circle
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan
 Radius & Roundness of Constructed Circle at Cross Section #8 = 60.664 & 0.092

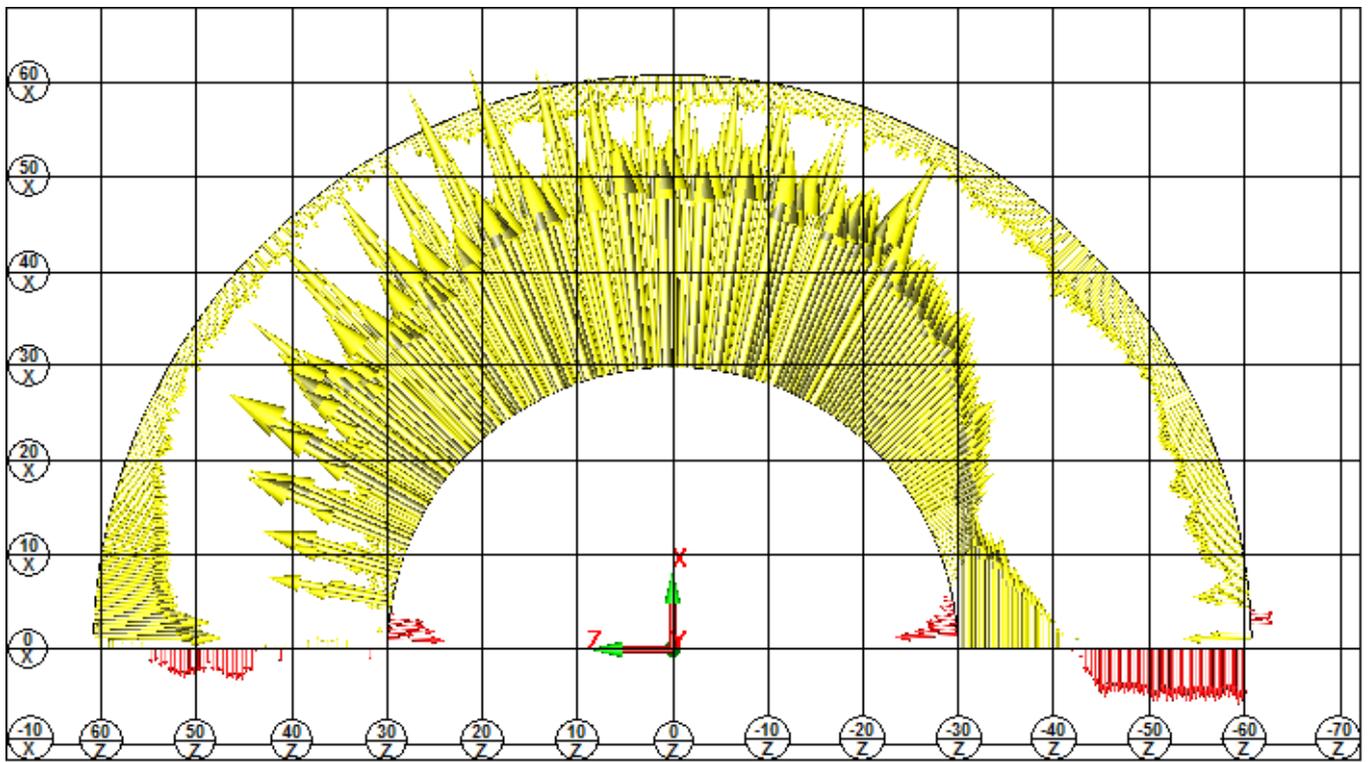
MM		PROF165 - SCN_OD_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.109	-0.001	-0.109	
MM		PROF166 - SCN_PP_N_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.292	0.125	-0.167	
MM		PROF167 - SCN_ID_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.339	0.118	-0.221	
MM		PROF168 - SCN_PP_P_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.106	0.106	0.047	



Sample Number: MBH11 Cross Section #8 at 966.981mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scans
 for ENTIRE COIL -X- is Best Fit to : O.D. scans
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scans

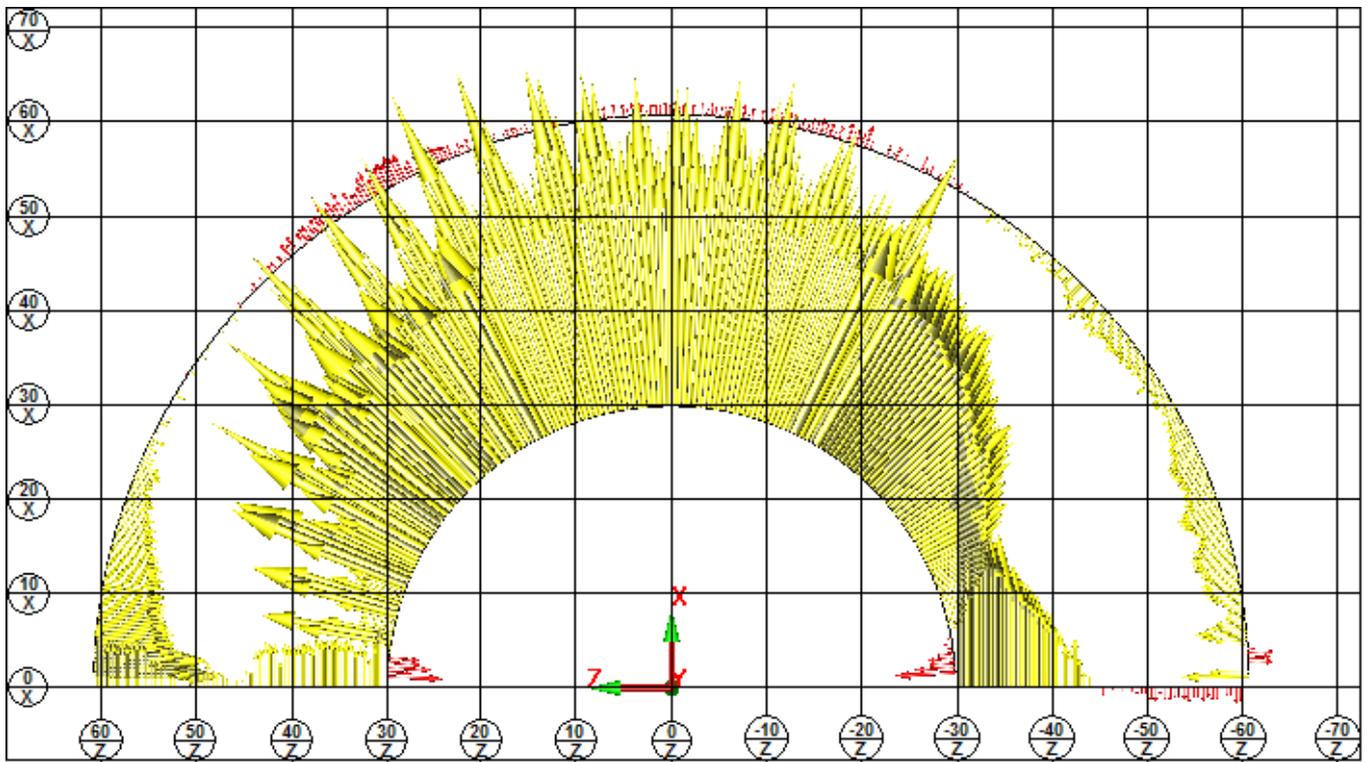
 ----- CROSS SECTION #9 at 1007.994 FULL O.D. -----

AX	MEAS	MAX	MIN	
<div style="display: flex; align-items: center;"> ⤸ MM PROF169 - SCN_OD_9 FORMANDLOCATION </div>				
M	0.161	0.026	-0.136	<div style="width: 100px; height: 10px; background: linear-gradient(to right, yellow, purple);"></div>
<div style="display: flex; align-items: center;"> ⤸ MM PROF170 - SCN_PP_N_9 FORMANDLOCATION </div>				
M	0.335	0.060	-0.274	<div style="width: 100px; height: 10px; background: linear-gradient(to right, yellow, purple);"></div>
<div style="display: flex; align-items: center;"> ⤸ MM PROF171 - SCN_ID_9 FORMANDLOCATION </div>				
M	0.422	0.066	-0.356	<div style="width: 100px; height: 10px; background: linear-gradient(to right, yellow, purple);"></div>
<div style="display: flex; align-items: center;"> ⤸ MM PROF172 - SCN_PP_P_9 FORMANDLOCATION </div>				
M	0.066	0.036	-0.030	<div style="width: 100px; height: 10px; background: linear-gradient(to right, red, purple);"></div>



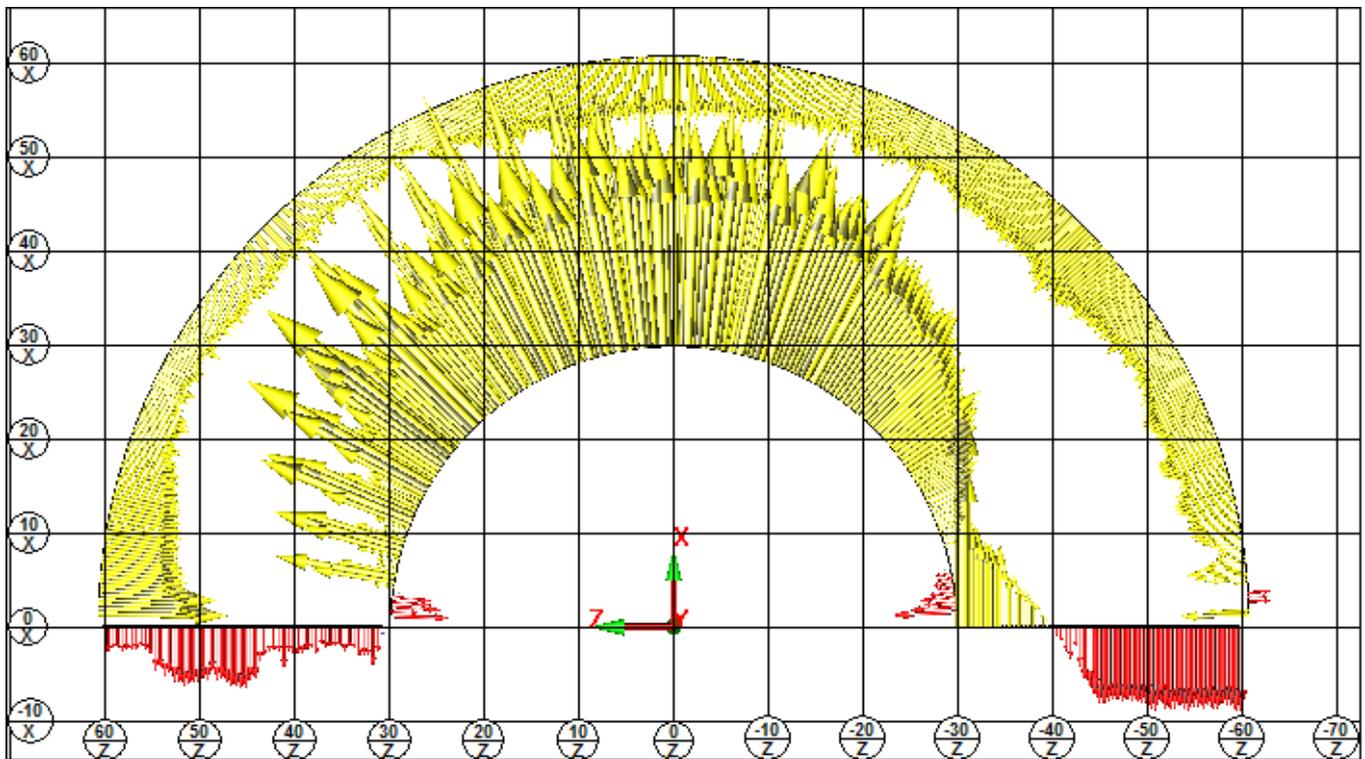
Sample Number: MBH11 Cross Section #9 at 1007.994mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF173 - SCN_OD_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.168	0.033	-0.135	
MM		PROF174 - SCN_PP_N_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.335	0.018	-0.317	
MM		PROF175 - SCN_ID_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.458	0.064	-0.394	
MM		PROF176 - SCN_PP_P_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.072	-0.006	-0.072	



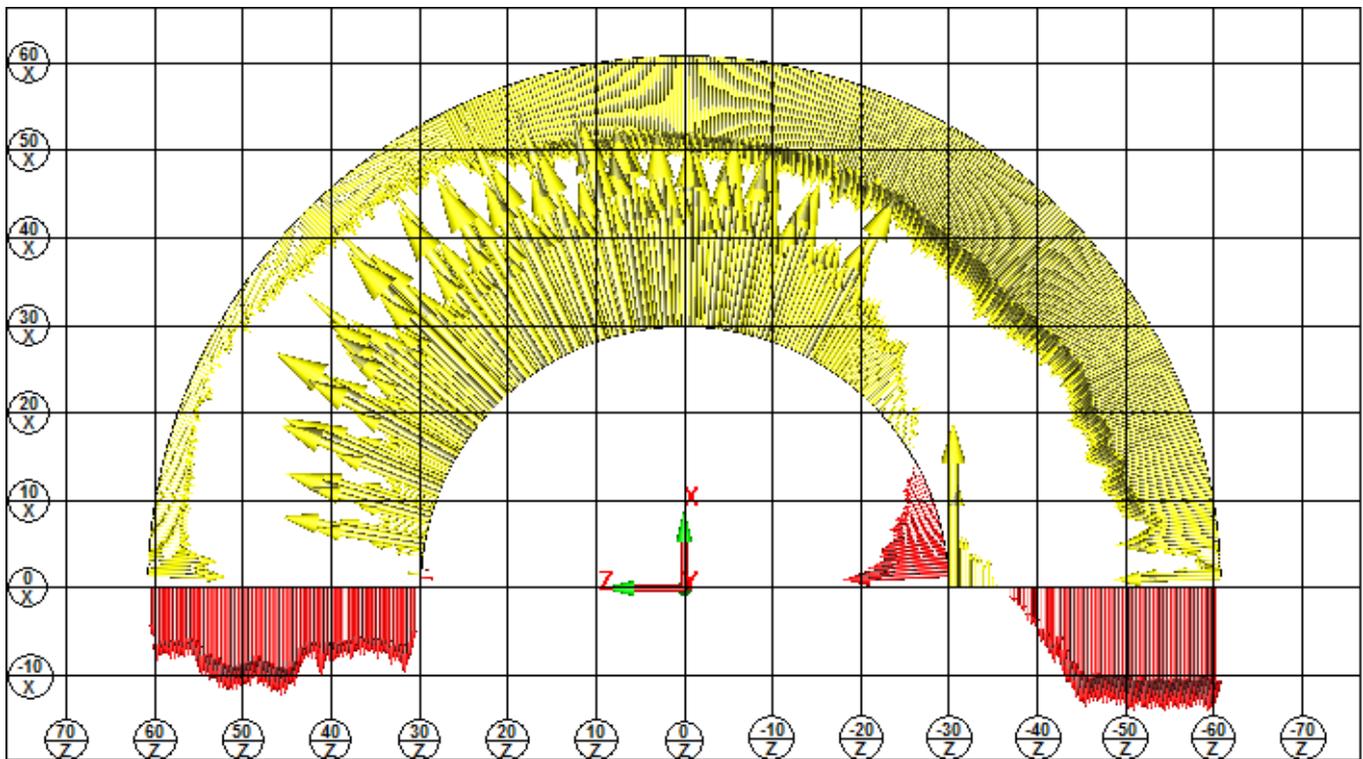
Sample Number: MBH11 Cross Section #9 at 1007.994mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF228 - SCN_OD_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.160	0.023	-0.136	
MM		PROF229 - SCN_PP_N_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.335	0.093	-0.241	
MM		PROF230 - SCN_ID_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.394	0.068	-0.326	
MM		PROF231 - SCN_PP_P_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.068	0.068	0.003	



Sample Number: MBH11 Cross Section #9 at 1007.994mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : Constructed Circle
 for 1 x-SECTION -X- is Best Fit to : Constructed Circle
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan
 Radius & Roundness of Constructed Circle at Cross Section #9 = 60.668 & 0.16

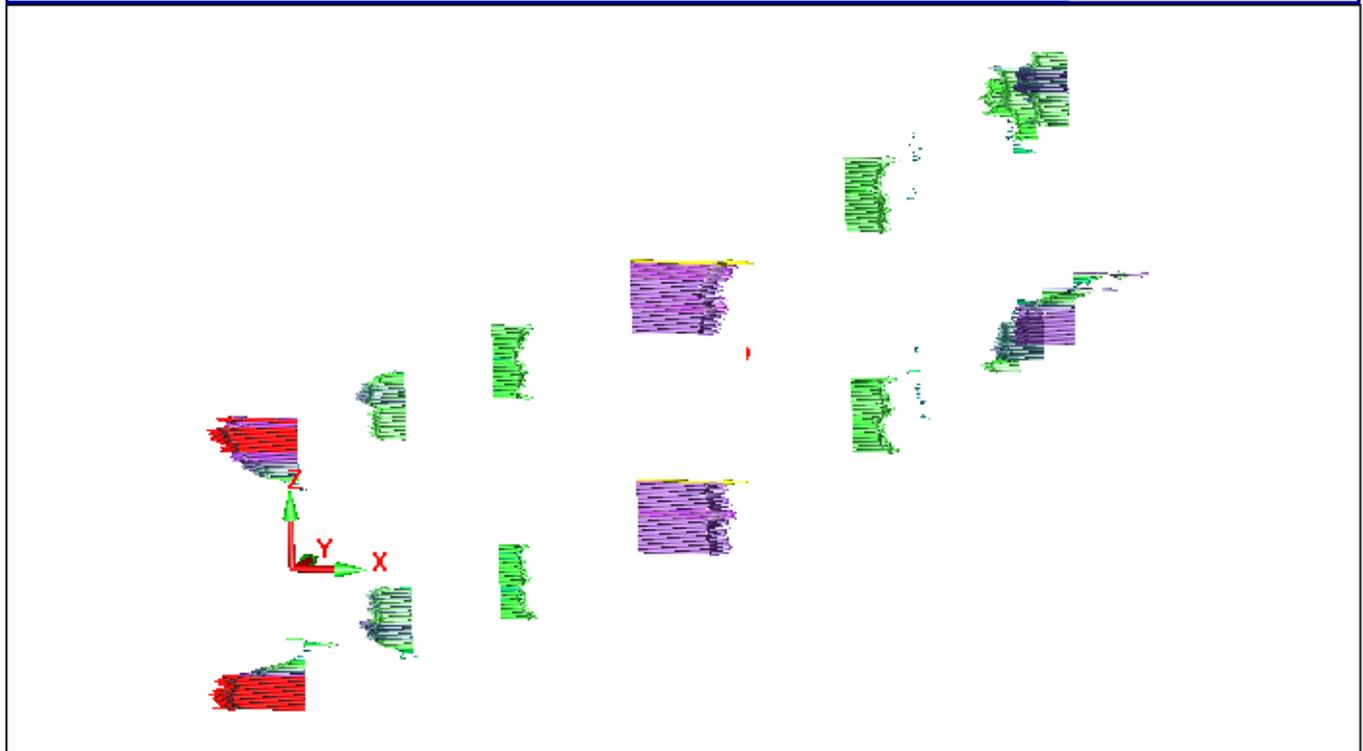
MM		PROF177 - SCN_OD_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.161	-0.016	-0.161	
MM		PROF178 - SCN_PP_N_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.334	0.144	-0.189	
MM		PROF179 - SCN_ID_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.417	0.119	-0.298	
MM		PROF180 - SCN_PP_P_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.124	0.124	0.058	



Sample Number: MBH11 Cross Section #9 at 1007.994mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scans
 for ENTIRE COIL -X- is Best Fit to : O.D. scans
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scans

----- PARTING PLANES -----

	MM	FLAT1 - PLNC_PP_X		
AX	MEAS	+TOL	-TOL	OUTTOL
M	0.484	0.400	0.000	0.084



Flatness of constructed plane from all Parting Plane cross sections. x200

	MM	FLAT2 - PLNC_PP_LENGTH		
AX	MEAS	+TOL	-TOL	OUTTOL
M	0.411	0.400	0.000	0.011



Flatness of constructed plane from all Parting Plane length sections. x200

Symbol	MM	FLAT3 - PLNC_PP_ALL		
AX	MEAS	+TOL	-TOL	OUTTOL
M	0.467	0.400	0.000	0.067



Flatness of constructed plane from all Parting Plane cross & length sections. x200

Symbol	MM	PROF181 - SCNSET_PP_X FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.508	0.266	-0.242	

Symbol	MM	PROF182 - SCNSET_PP_LENGTH FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.462	0.267	-0.195	

Symbol	MM	PROF183 - SCNSET_PP_ALL FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.509	0.267	-0.242	

WIDTH AT CROSS SECTION #1 at 11.633

↔	MM	DIST1 - HPTC_X_1P TO HPTC_X_1N (ZAXIS)		
AX	NOMINAL	MEAS	DEV	
M	121.454	121.329	-0.125	

WIDTH AT CROSS SECTION #2 at 150.285

↔	MM	DIST2 - HPTC_X_2P TO HPTC_X_2N (ZAXIS)		
AX	NOMINAL	MEAS	DEV	
M	121.454	121.198	-0.256	

WIDTH AT CROSS SECTION #3 at 264.125

↔	MM	DIST3 - HPTC_X_3P TO HPTC_X_3N (ZAXIS)		
AX	NOMINAL	MEAS	DEV	
M	121.454	121.332	-0.122	

WIDTH AT CROSS SECTION #4 at 442.775

↔	MM	DIST4 - HPTC_X_4P TO HPTC_X_4N (ZAXIS)		
AX	NOMINAL	MEAS	DEV	
M	121.454	121.322	-0.132	

WIDTH AT CROSS SECTION #5 at 720.08

↔	MM	DIST5 - HPTC_X_5P TO HPTC_X_5N (ZAXIS)		
AX	NOMINAL	MEAS	DEV	
M	121.454	121.296	-0.158	

WIDTH AT CROSS SECTION #6 at 807.611

↔	MM	DIST6 - HPTC_X_6P TO HPTC_X_6N (ZAXIS)		
AX	NOMINAL	MEAS	DEV	
M	121.454	121.140	-0.314	

WIDTH AT CROSS SECTION #7 at 935.475

↔	MM	DIST7 - HPTC_X_7P TO HPTC_X_7N (ZAXIS)		
AX	NOMINAL	MEAS	DEV	
M	121.454	121.275	-0.179	

WIDTH AT CROSS SECTION #8 at 966.981

↔	MM	DIST8 - HPTC_X_8P TO HPTC_X_8N (ZAXIS)		
AX	NOMINAL	MEAS	DEV	
M	121.454	121.296	-0.158	

WIDTH AT CROSS SECTION #9 at 1007.994

↔	MM	DIST9 - HPTC_X_9P TO HPTC_X_9N (ZAXIS)		
AX	NOMINAL	MEAS	DEV	
M	121.454	121.267	-0.187	