

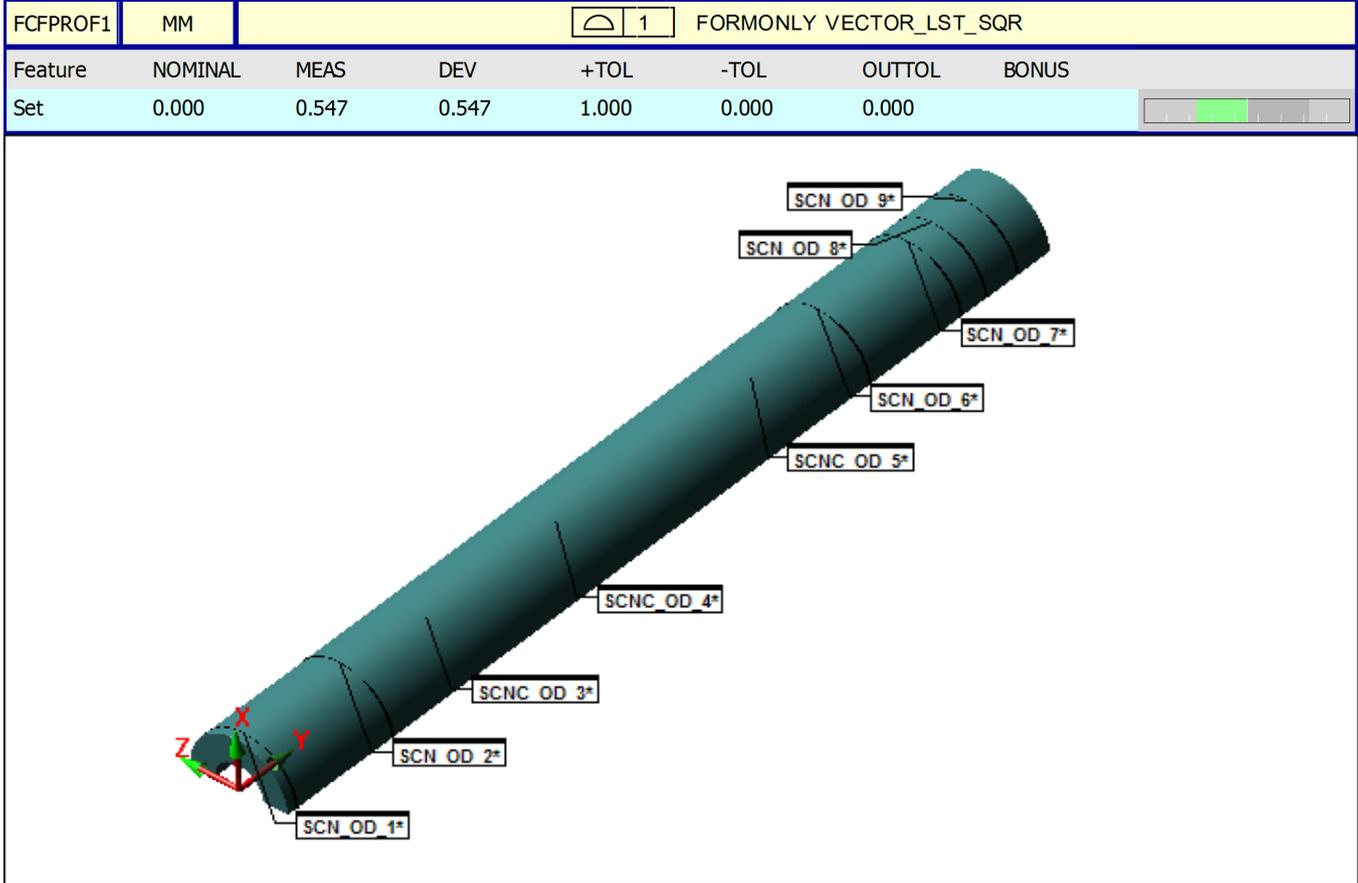
LHC 11-Tesla Dipole Magnet Coil Cross-Sections

'Inspected by ' : Oscar Lira
 'Sample Number' : MBH10k
 .pdf file name : 11-T_DIPOLE_COIL_X1M_V4d_vJ-IL_MBH10k

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:

10.952
143.396
262.358
440.504
711.054
805.278
931.461
966.143
1009.408

Constructed Circles

⌀	MM	LOC1 - CIRC_X_1		
AX	NOMINAL	MEAS	DEV	
X	0.000	-0.221	-0.221	
Y	12.092	10.953	-1.139	
Z	0.000	-0.017	-0.017	
R	60.727	60.717	-0.010	
RN	0.000	0.060	0.060	

⊕	MM	LOC2 - CIRC_X_2		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.068	0.068	
Y	148.996	143.382	-5.613	
Z	0.000	0.014	0.014	
R	60.727	60.618	-0.109	
RN	0.000	0.158	0.158	
⊕	MM	LOC3 - CIRC_X_3		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.155	0.155	
Y	265.384	262.352	-3.032	
Z	0.000	0.014	0.014	
R	60.727	60.697	-0.030	
RN	0.000	0.068	0.068	
⊕	MM	LOC4 - CIRC_X_4		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.335	0.335	
Y	447.022	440.518	-6.504	
Z	0.000	-0.027	-0.027	
R	60.727	60.684	-0.043	
RN	0.000	0.080	0.080	
⊕	MM	LOC5 - CIRC_X_5		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.270	0.270	
Y	720.686	711.045	-9.642	
Z	0.000	0.023	0.023	
R	60.727	60.655	-0.072	
RN	0.000	0.066	0.066	
⊕	MM	LOC6 - CIRC_X_6		
AX	NOMINAL	MEAS	DEV	
X	0.000	0.059	0.059	
Y	807.417	805.293	-2.124	
Z	0.000	0.028	0.028	
R	60.727	60.689	-0.038	
RN	0.000	0.062	0.062	
⊕	MM	LOC7 - CIRC_X_7		
AX	NOMINAL	MEAS	DEV	
X	0.000	-0.060	-0.060	
Y	941.338	931.454	-9.884	
Z	0.000	-0.015	-0.015	
R	60.727	60.729	0.002	
RN	0.000	0.094	0.094	

#	MM	LOC8 - CIRC_X_8		
AX		NOMINAL	MEAS	DEV
X		0.000	-0.102	-0.102
Y		967.688	966.140	-1.548
Z		0.000	-0.022	-0.022
R		60.727	60.729	0.002
RN		0.000	0.076	0.076

#	MM	LOC9 - CIRC_X_9		
AX		NOMINAL	MEAS	DEV
X		0.000	-0.088	-0.088
Y		1009.361	1009.419	0.059
Z		0.000	0.002	0.002
R		60.727	60.697	-0.030
RN		0.000	0.107	0.107

Profiles of Scans

∩	MM	PROF1 - SCN_OD_1 FORMANDLOCATION		
AX		MEAS	MAX	MIN
M		0.247	-0.013	-0.247

∩	MM	PROF2 - SCN_OD_2 FORMANDLOCATION		
AX		MEAS	MAX	MIN
M		0.200	0.023	-0.178

∩	MM	PROF3 - SCNC_OD_3 FORMANDLOCATION		
AX		MEAS	MAX	MIN
M		0.202	0.140	-0.062

∩	MM	PROF4 - SCNC_OD_4 FORMANDLOCATION		
AX		MEAS	MAX	MIN
M		0.367	0.305	-0.062

∩	MM	PROF5 - SCNC_OD_5 FORMANDLOCATION		
AX		MEAS	MAX	MIN
M		0.328	0.212	-0.115

∩	MM	PROF6 - SCN_OD_6 FORMANDLOCATION		
AX		MEAS	MAX	MIN
M		0.147	0.041	-0.106

∩	MM	PROF7 - SCN_OD_7 FORMANDLOCATION		
AX		MEAS	MAX	MIN
M		0.102	0.018	-0.084

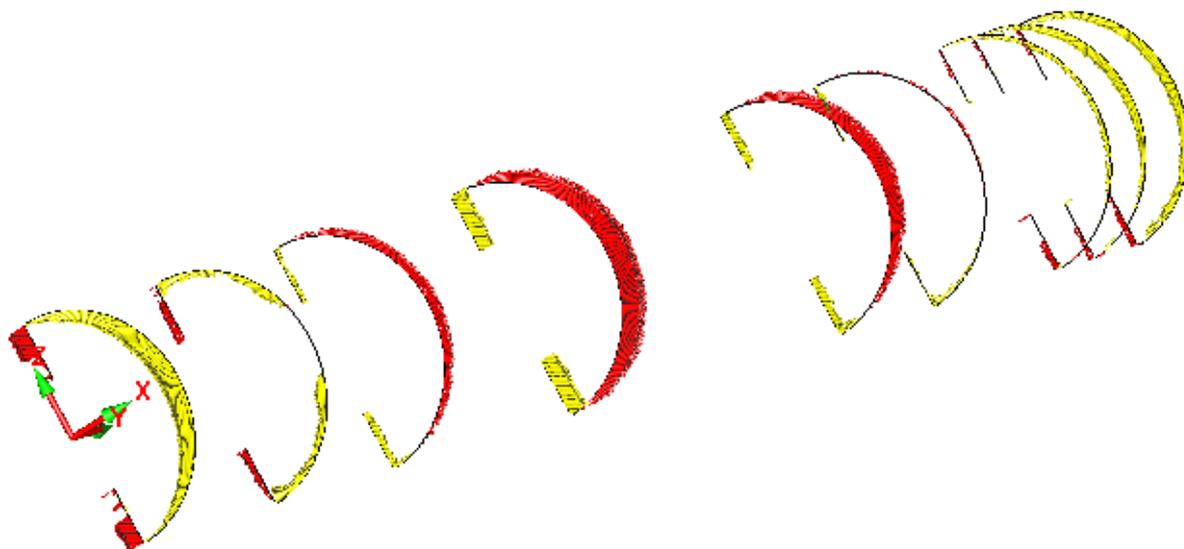
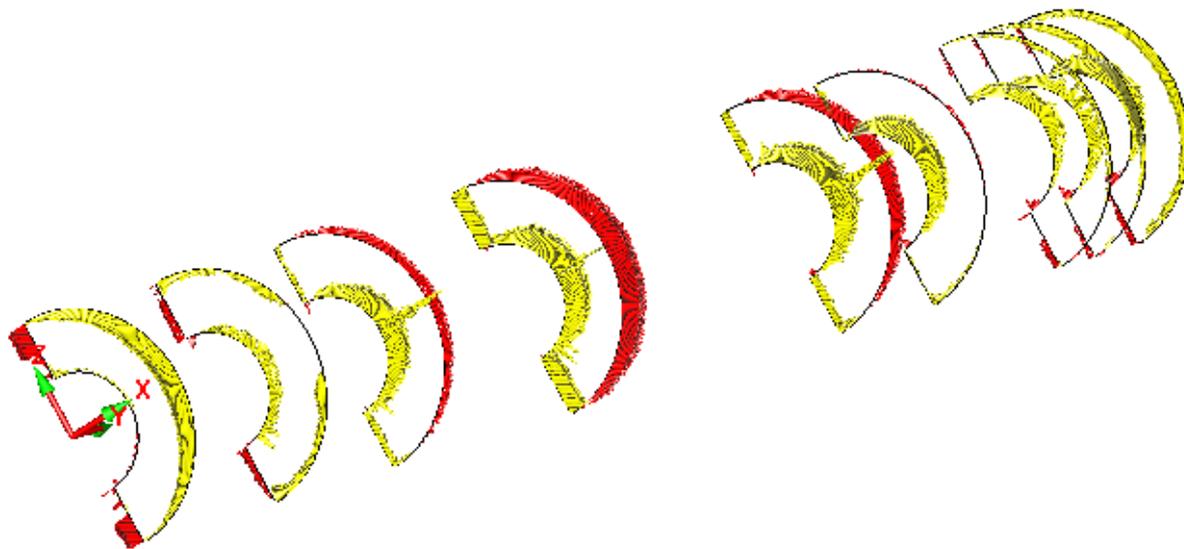
∩	MM	PROF8 - SCN_OD_8 FORMANDLOCATION		
AX		MEAS	MAX	MIN
M		0.164	0.038	-0.126

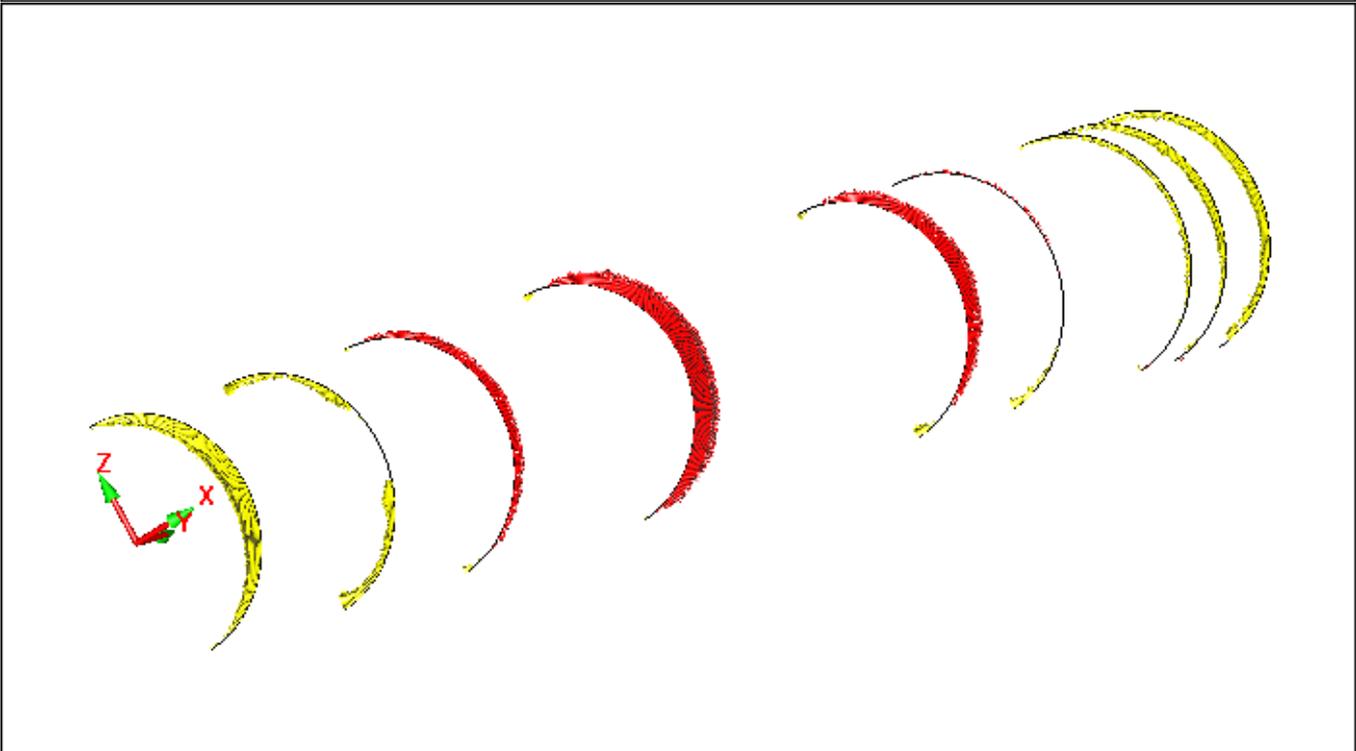
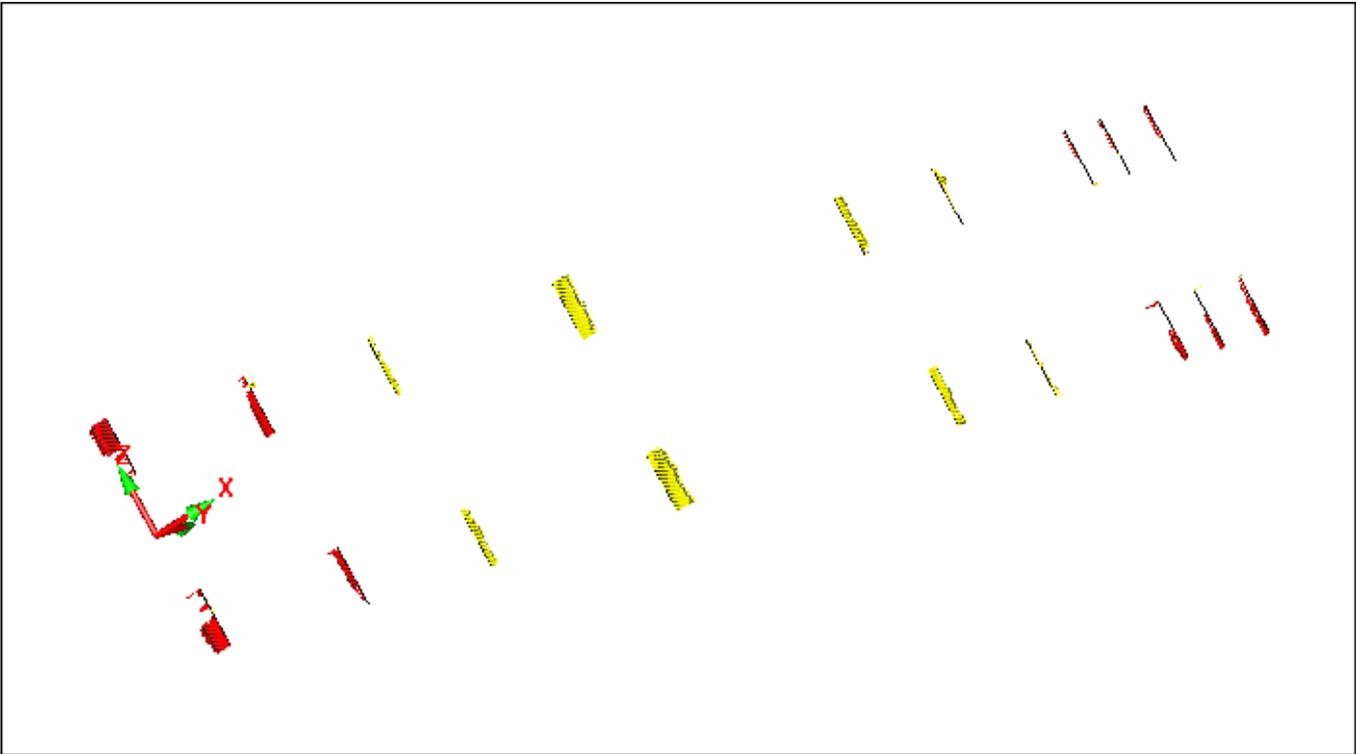
∩	MM	PROF9 - SCN_OD_9 FORMANDLOCATION		
AX		MEAS	MAX	MIN
M		0.158	0.015	-0.143

∩	MM	PROF10 - SCN_ID_1 FORMANDLOCATION		
AX		MEAS	MAX	MIN
M		0.224	0.069	-0.155

☐	MM	PROF11 - SCN_ID_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.374	0.116	-0.257	
☐	MM	PROF12 - SCN_ID_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.987	0.133	-0.854	
☐	MM	PROF13 - SCN_ID_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.692	0.029	-0.663	
☐	MM	PROF14 - SCN_ID_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	1.034	0.086	-0.948	
☐	MM	PROF15 - SCN_ID_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.441	0.122	-0.319	
☐	MM	PROF16 - SCN_ID_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.368	0.122	-0.245	
☐	MM	PROF17 - SCN_ID_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.405	0.166	-0.239	
☐	MM	PROF18 - SCN_ID_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.417	0.127	-0.290	
☐	MM	PROF19 - SCN_PP_P_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.259	0.230	-0.029	
☐	MM	PROF20 - SCN_PP_N_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.258	0.218	-0.041	
☐	MM	PROF21 - SCN_PP_P_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.195	0.109	-0.086	
☐	MM	PROF22 - SCN_PP_N_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.145	0.137	-0.008	
☐	MM	PROF23 - SCN_PP_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.069	-0.036	-0.069	
☐	MM	PROF24 - SCN_PP_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.097	-0.056	-0.097	
☐	MM	PROF25 - SCN_PP_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.210	-0.179	-0.210	

☐	MM	PROF26 - SCN_PP_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.239	-0.166	-0.239	
☐	MM	PROF27 - SCN_PP_P_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.114	-0.034	-0.114	
☐	MM	PROF28 - SCN_PP_N_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.116	-0.084	-0.116	
☐	MM	PROF29 - SCN_PP_P_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.088	-0.012	-0.088	
☐	MM	PROF30 - SCN_PP_N_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.059	-0.004	-0.059	
☐	MM	PROF31 - SCN_PP_P_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.091	0.046	-0.045	
☐	MM	PROF32 - SCN_PP_N_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.179	0.161	-0.018	
☐	MM	PROF33 - SCN_PP_P_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.055	0.044	-0.011	
☐	MM	PROF34 - SCN_PP_N_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.164	0.074	-0.090	
☐	MM	PROF35 - SCN_PP_P_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.066	0.054	-0.012	
☐	MM	PROF36 - SCN_PP_N_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.118	0.074	-0.044	

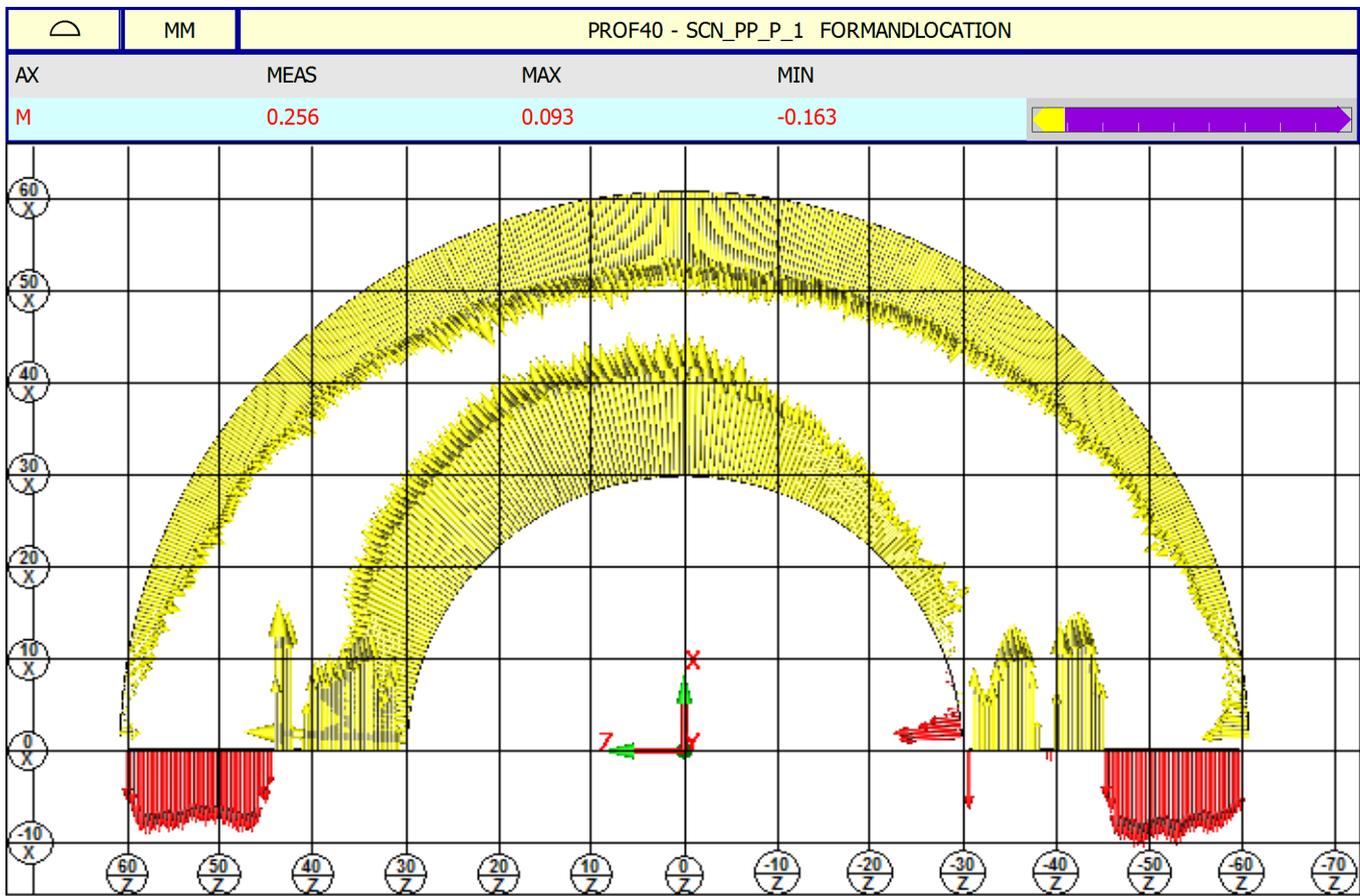




Alignment is: -Z- is Best Fit to: O.D. scans
 for ENTIRE COIL -X- is Best Fit to: O.D. scans
 x50 -Y- axis Rotation is Best Fit to: Parting Plane scans

----- CROSS SECTION #1 at 10.952 FULL O.D. -----

⌒		MM	PROF37 - SCN_OD_1 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.127		-0.007	-0.127	
⌒		MM	PROF38 - SCN_PP_N_1 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.260		0.107	-0.153	
⌒		MM	PROF39 - SCN_ID_1 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.253		0.075	-0.178	



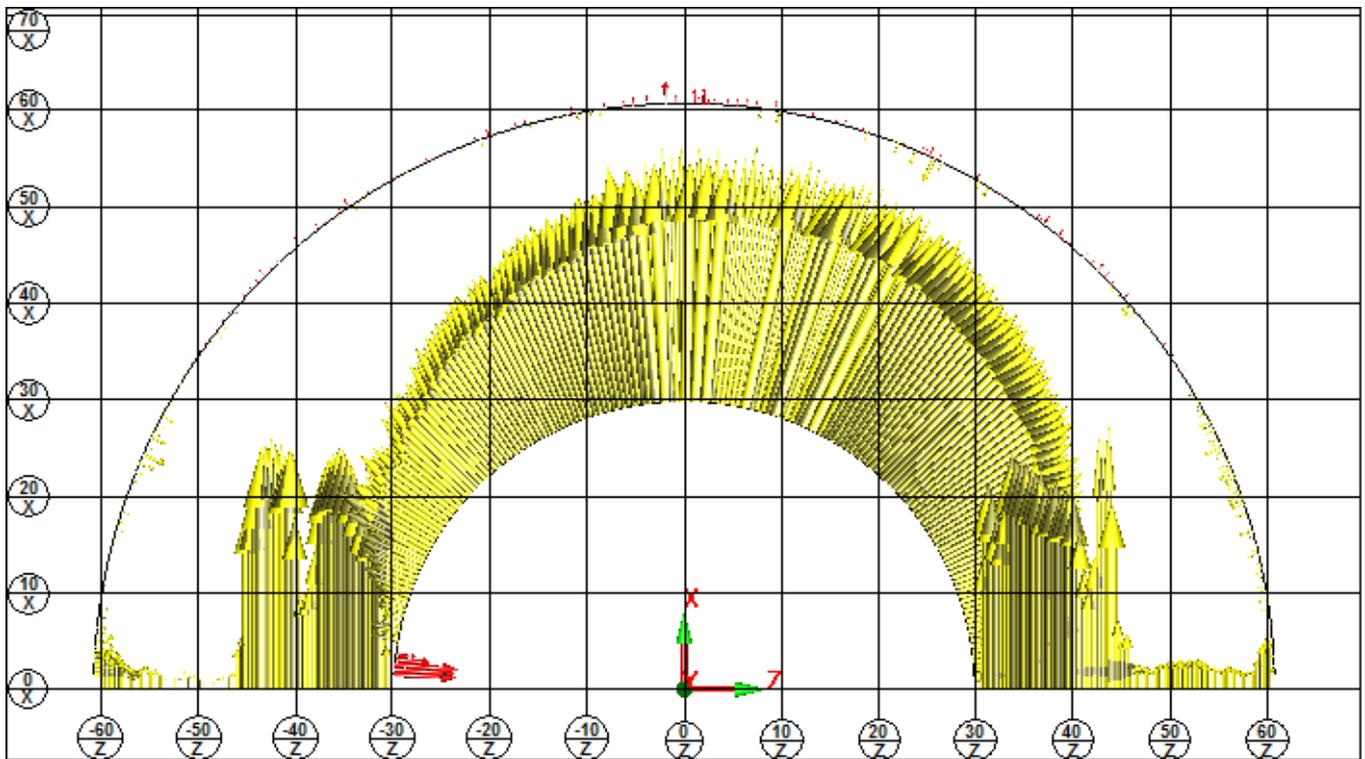
Sample Number: MBH10k Cross Section #1 at 10.952mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

AX	MEAS	MAX	MIN
M	0.073	0.023	-0.050

AX	MEAS	MAX	MIN
M	0.264	-0.004	-0.264

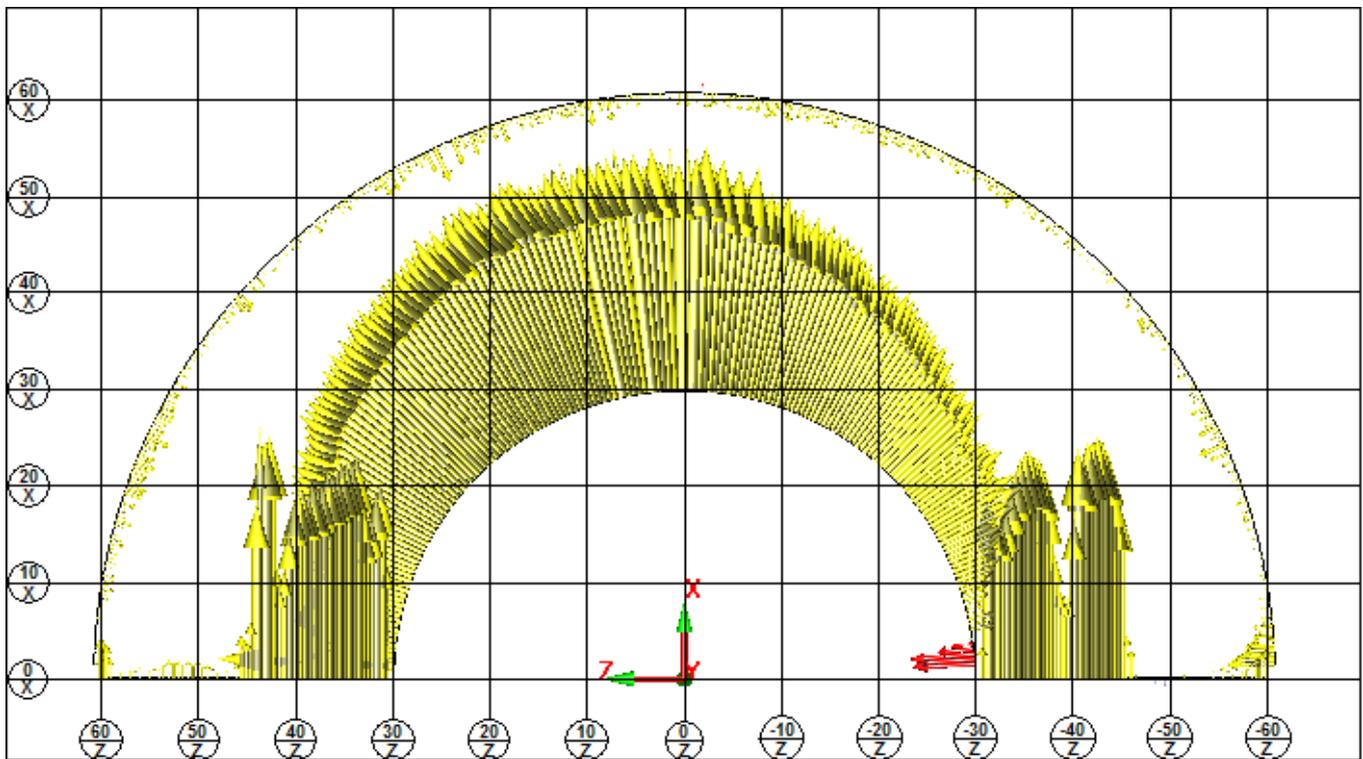
AX	MEAS	MAX	MIN
M	0.338	0.066	-0.272

AX	MEAS	MAX	MIN
M	0.274	-0.017	-0.274



Sample Number: MBH10k Cross Section #1 at 10.952mm 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	0.060	0.010	-0.050	
MM		PROF185 - SCN_PP_N_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.260	0.009	-0.251	
MM		PROF186 - SCN_ID_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.326	0.067	-0.259	
MM		PROF187 - SCN_PP_P_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.261	-0.004	-0.261	

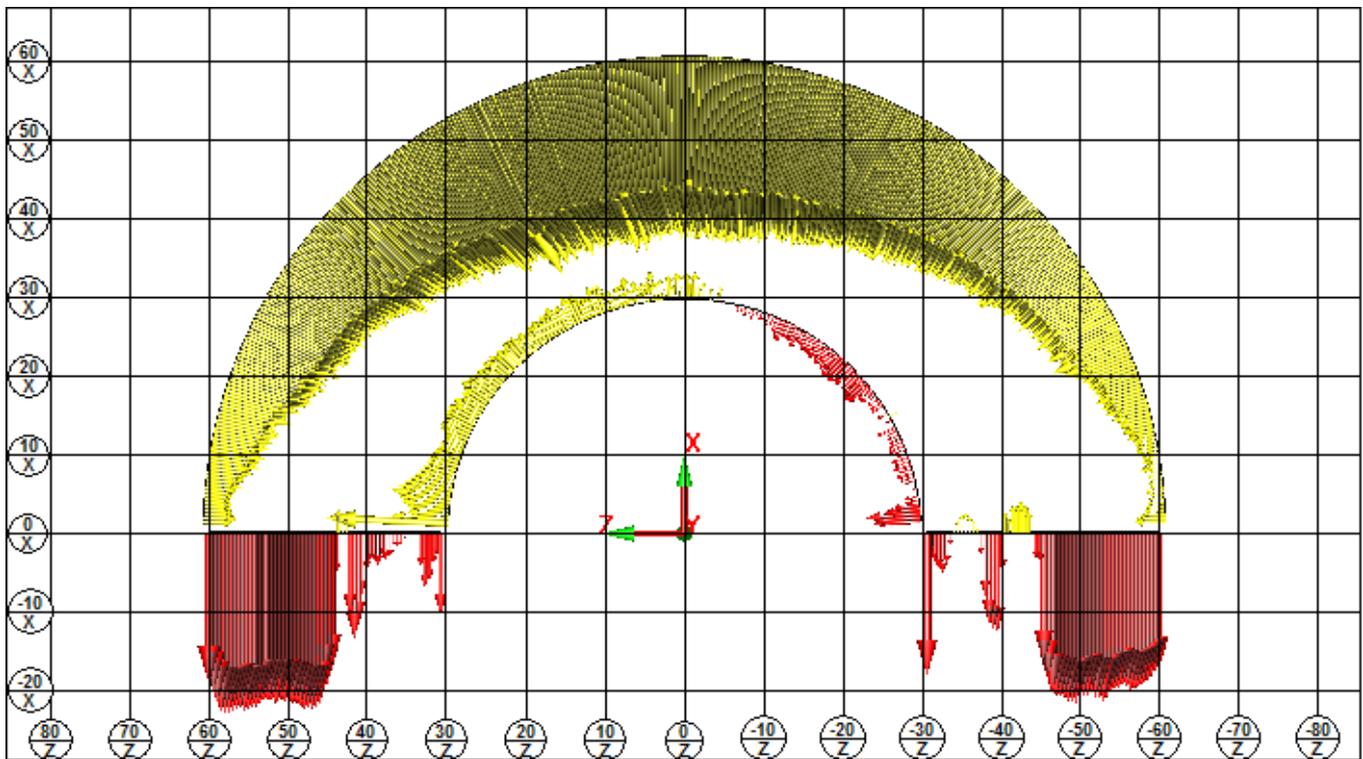


Sample Number: MBH10k Cross Section #1 at 10.952mm from RETURN END. x100

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 = 60.717 & 0.06

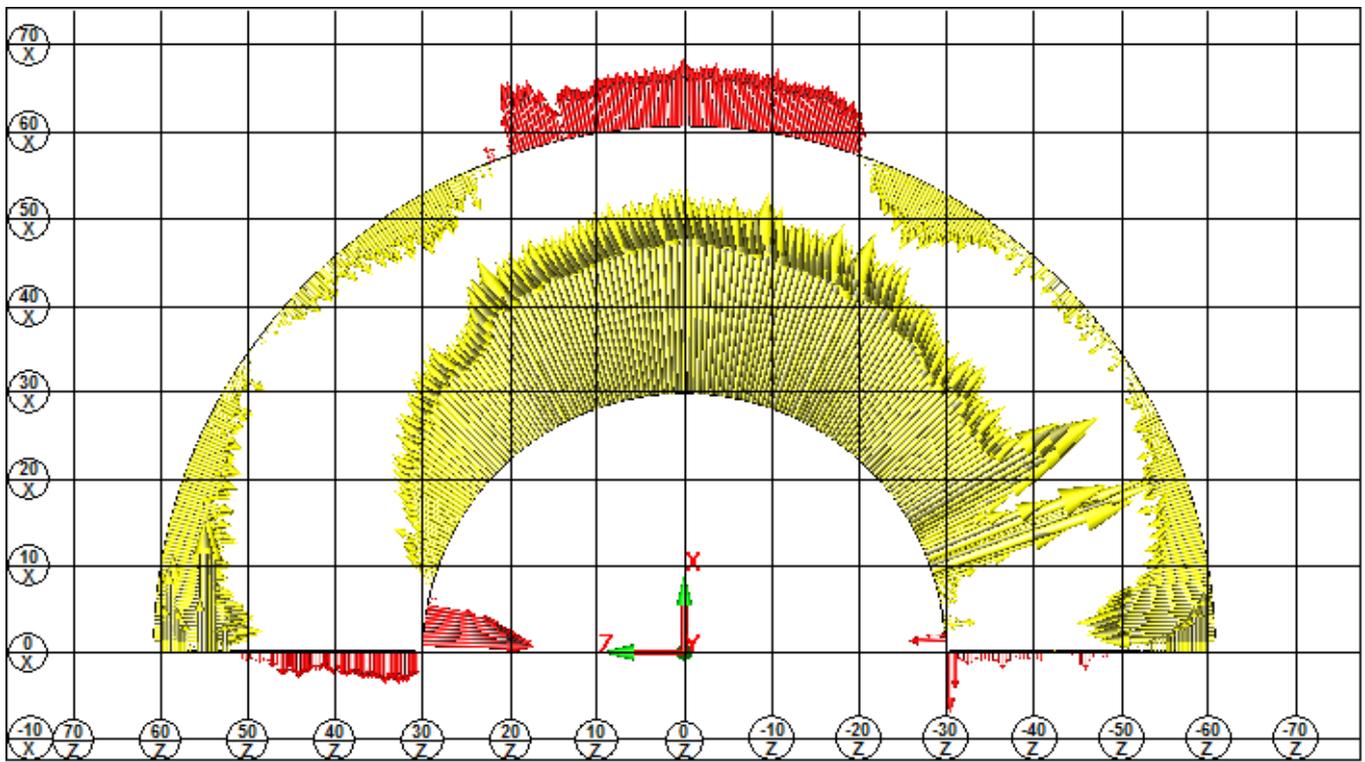
MM		PROF45 - SCN_OD_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.247	-0.013	-0.247	
MM		PROF46 - SCN_PP_N_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.258	0.218	-0.041	
MM		PROF47 - SCN_ID_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.224	0.069	-0.155	
MM		PROF48 - SCN_PP_P_1 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.259	0.230	-0.029	



Sample Number: MBH10k Cross Section #1 at 10.952mm 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

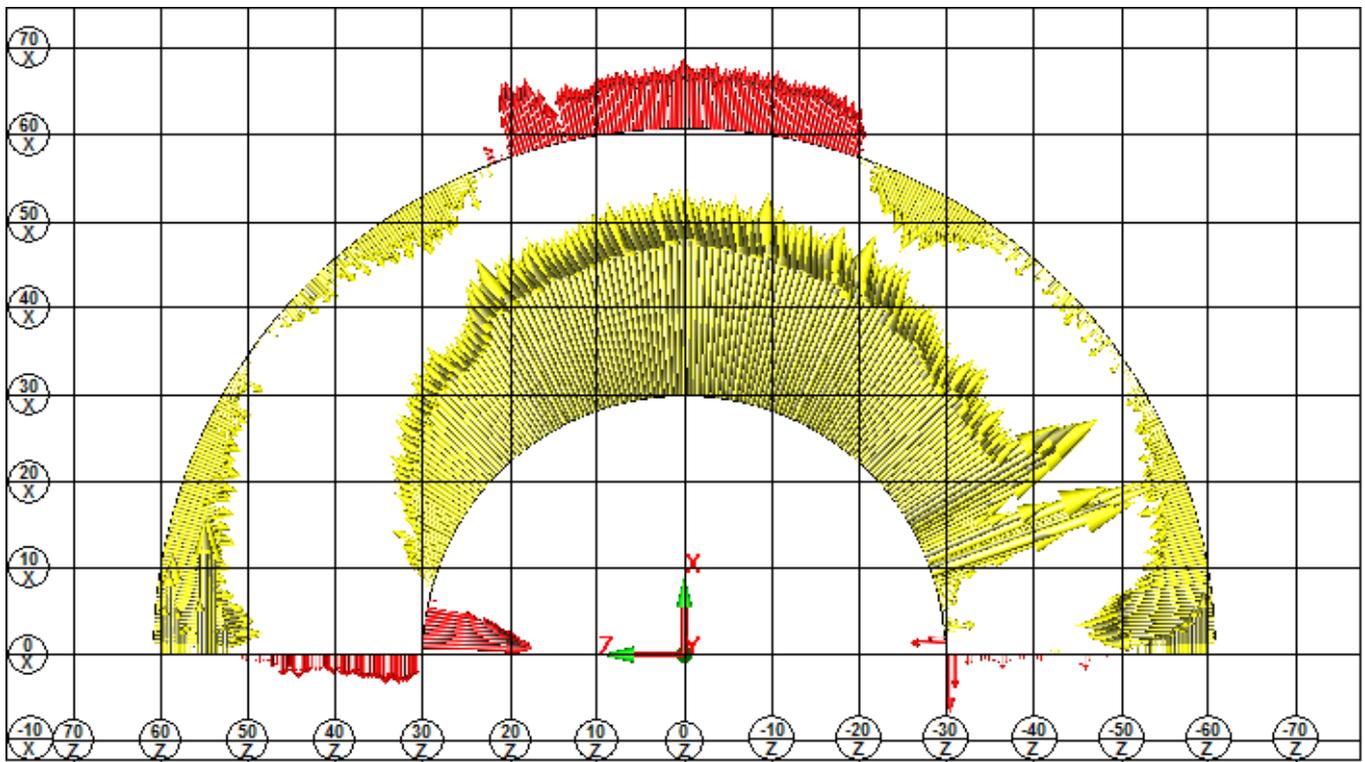
----- CROSS SECTION #2 at 143.396 FULL O.D. -----

MM		PROF49 - SCN_OD_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.242	0.083	-0.159	
MM		PROF50 - SCN_PP_N_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.143	0.072	-0.071	
MM		PROF51 - SCN_ID_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.419	0.126	-0.293	
MM		PROF52 - SCN_PP_P_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.197	0.039	-0.158	



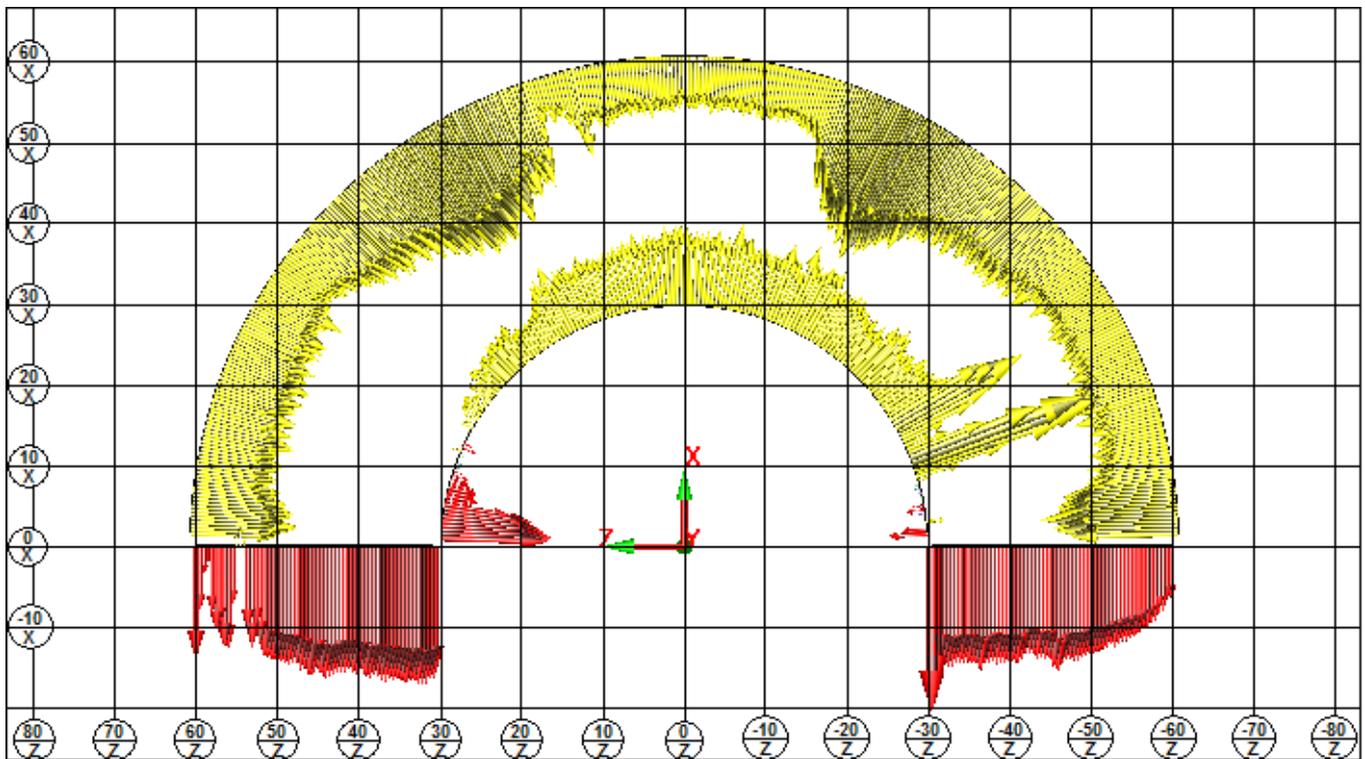
Sample Number: MBH10k Cross Section #2 at 143.396mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF53 - SCN_OD_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.245	0.086	-0.159	
MM		PROF54 - SCN_PP_N_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.143	0.069	-0.074	
MM		PROF55 - SCN_ID_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.420	0.126	-0.294	
MM		PROF56 - SCN_PP_P_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.197	0.036	-0.161	

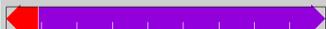


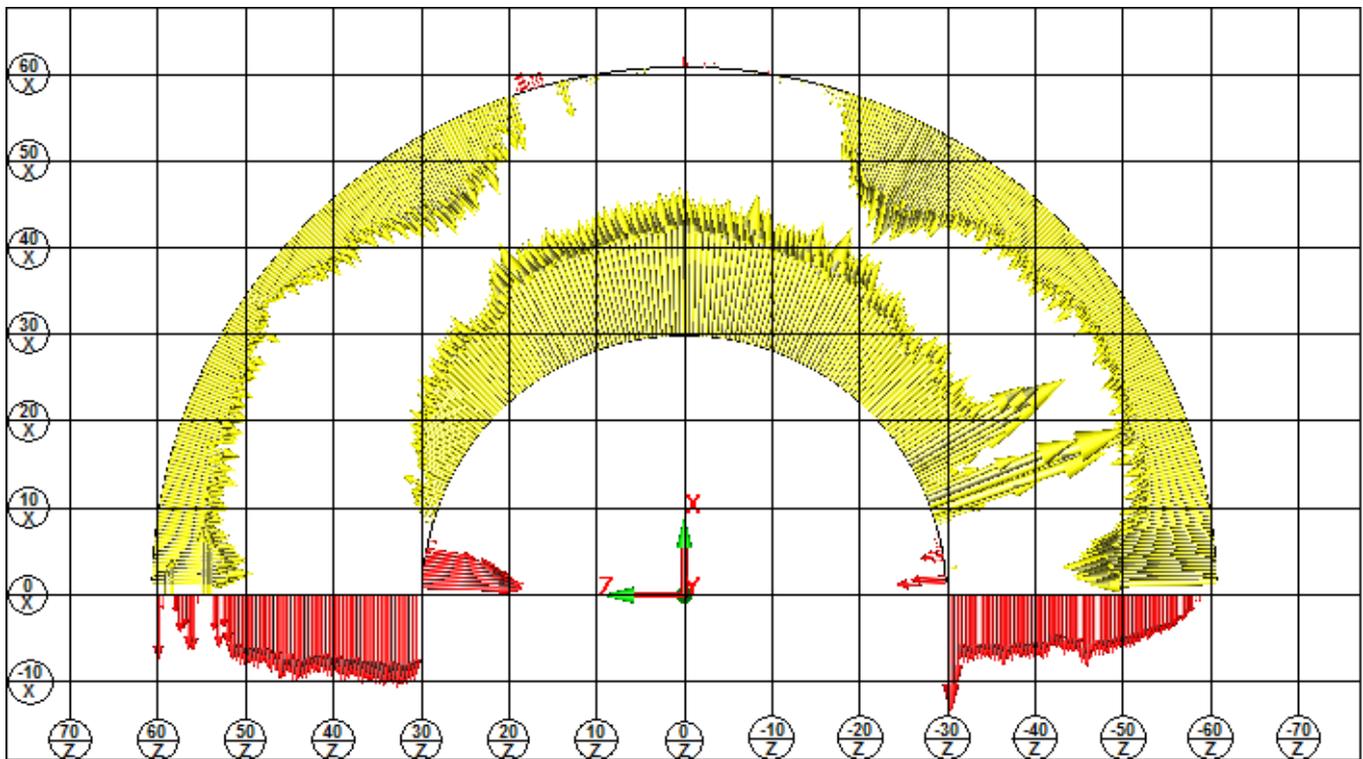
Sample Number: MBH10k Cross Section #2 at 143.396mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

Symbol	Unit	Profile Name			Visual
⤴	MM	PROF188 - SCN_OD_2 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.204	-0.046	-0.204		
⤴	MM	PROF189 - SCN_PP_N_2 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.208	0.208	0.066		
⤴	MM	PROF190 - SCN_ID_2 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.382	0.135	-0.247		
⤴	MM	PROF191 - SCN_PP_P_2 FORMANDLOCATION			
AX	MEAS	MAX	MIN		
M	0.197	0.174	-0.023		



Sample Number: MBH10k Cross Section #2 at 143.396mm 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 = 60.618 & 0.158

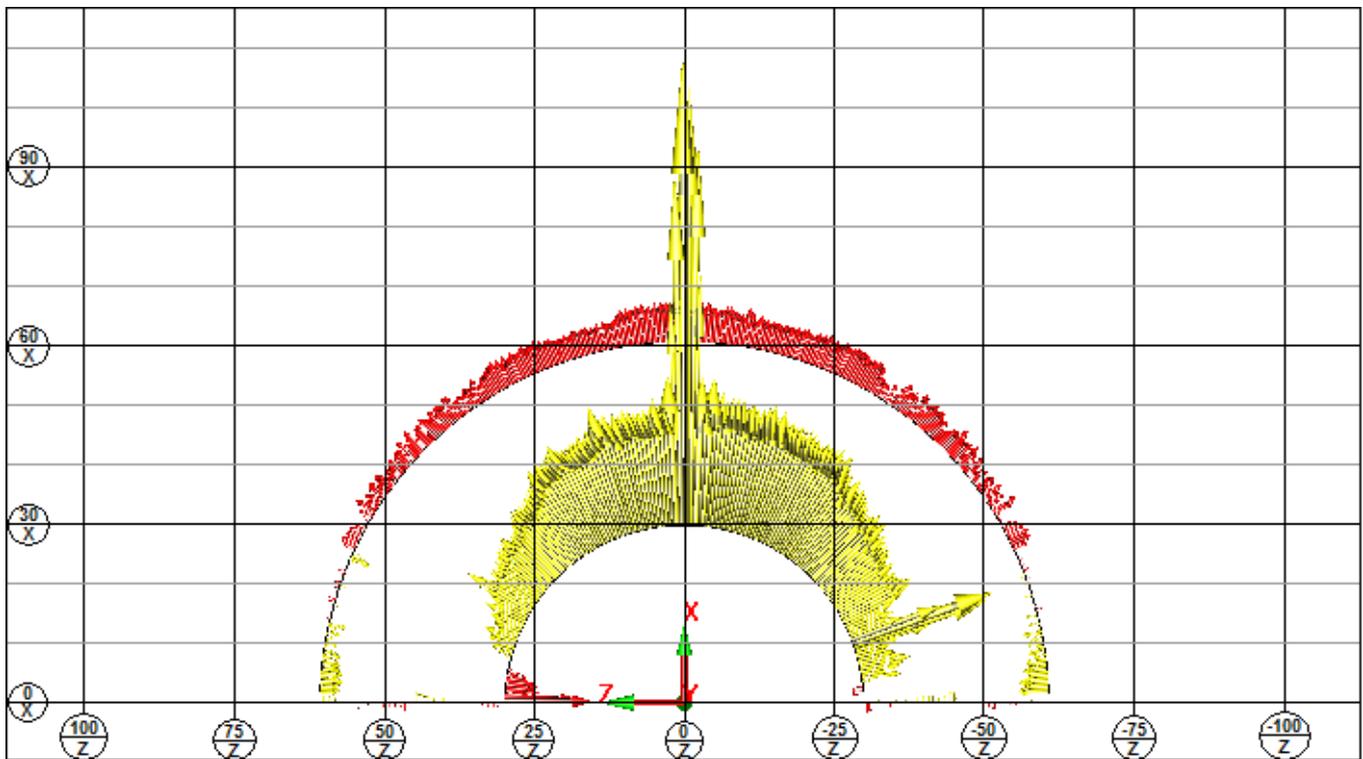
		MM	PROF57 - SCN_OD_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.200	0.023	-0.178		
		MM	PROF58 - SCN_PP_N_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.145	0.137	-0.008		
		MM	PROF59 - SCN_ID_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.374	0.116	-0.257		
		MM	PROF60 - SCN_PP_P_2 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.195	0.109	-0.086		



Sample Number: MBH10k Cross Section #2 at 143.396mm 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

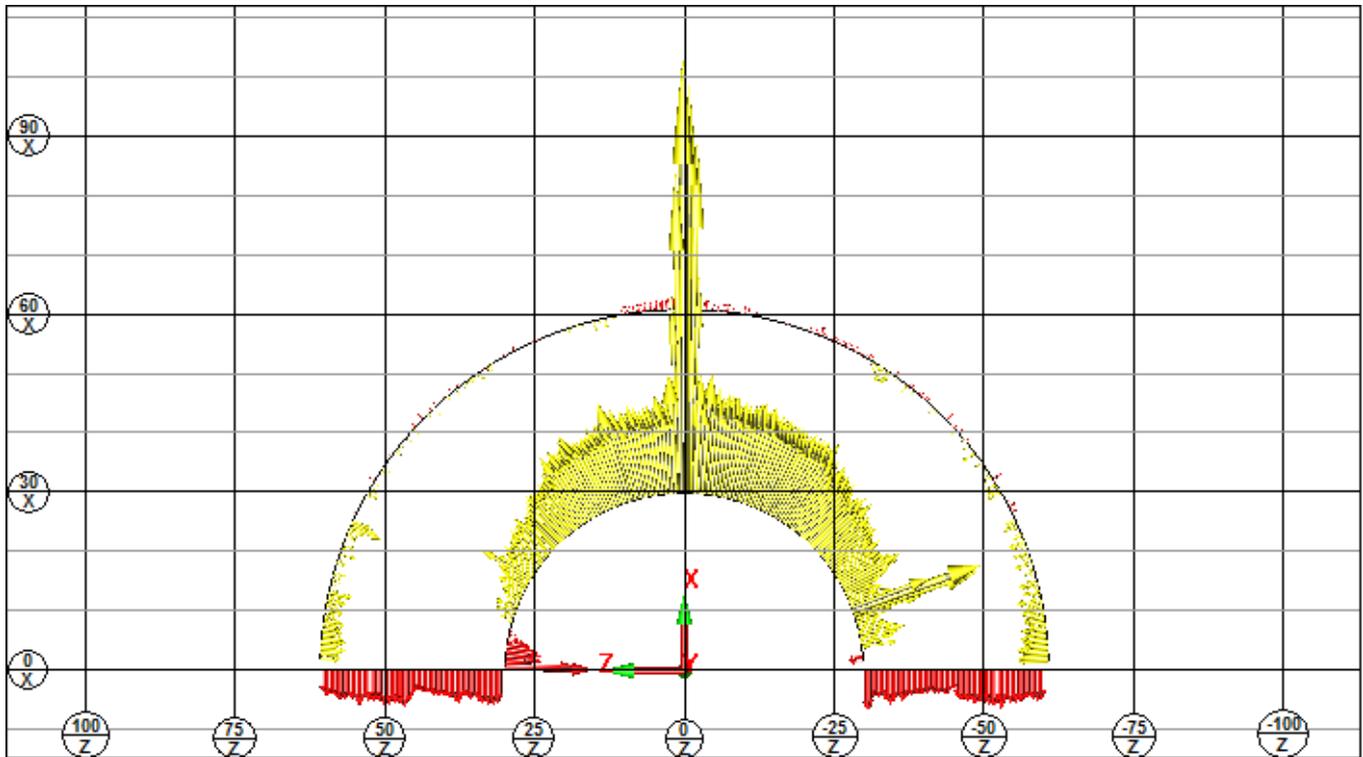
----- CROSS SECTION #3 at 262.358 SLOTTED O.D. -----

MM		PROF61 - SCN_OD_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.124	0.074	-0.050	
MM		PROF66 - SCN_PP_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.037	0.020	-0.018	
MM		PROF67 - SCN_ID_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.936	0.148	-0.788	
MM		PROF68 - SCN_PP_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.032	0.016	-0.016	



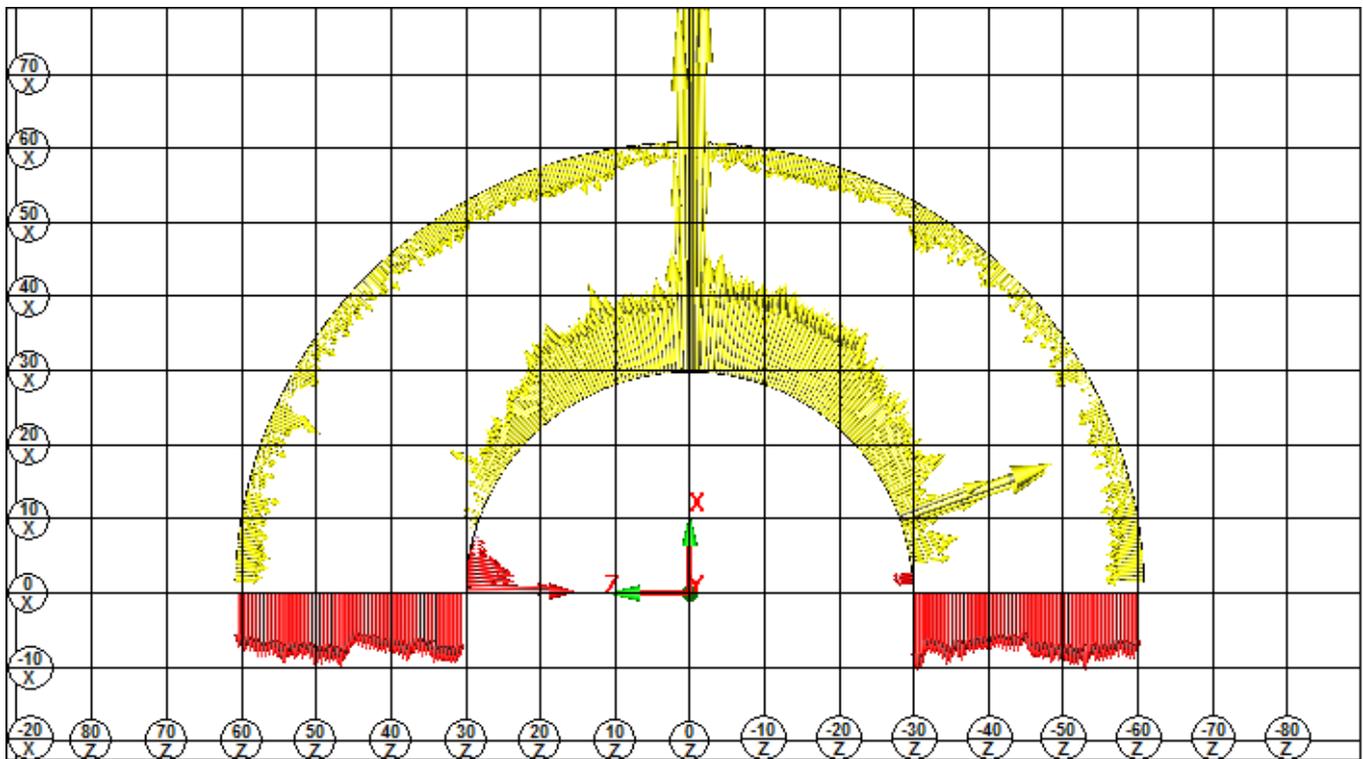
Sample Number: MBH10k Cross Section #3 at 262.358mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF69 - SCN_OD_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.078	0.024	-0.054	
MM		PROF74 - SCN_PP_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.070	0.070	0.033	
MM		PROF75 - SCN_ID_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.886	0.148	-0.738	
MM		PROF76 - SCN_PP_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.065	0.065	0.033	



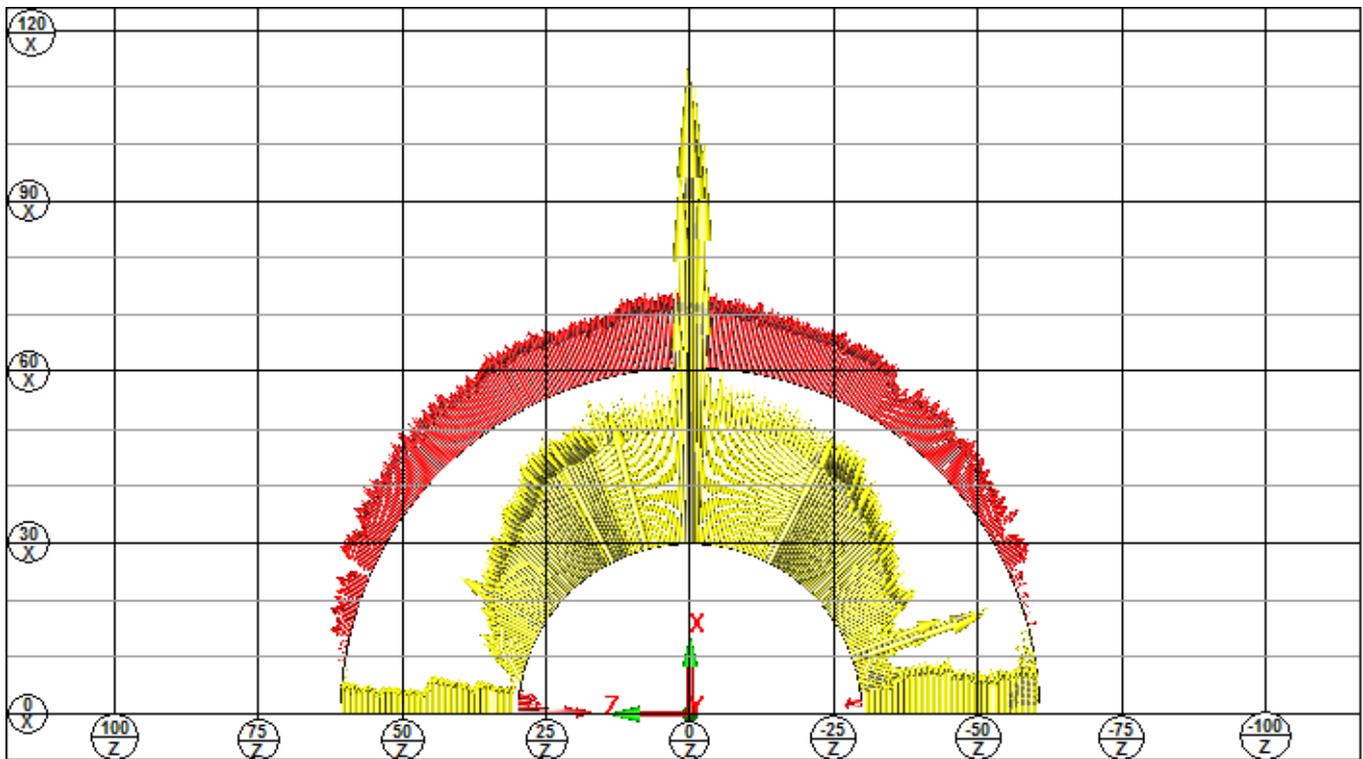
Sample Number: MBH10k Cross Section #3 at 262.358mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

	MM	PROF192 - SCN_OD_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.070	-0.002	-0.070	
	MM	PROF197 - SCN_PP_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.108	0.108	0.071	
	MM	PROF198 - SCN_ID_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.848	0.148	-0.699	
	MM	PROF199 - SCN_PP_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.104	0.104	0.072	



Sample Number: MBH10k Cross Section #3 at 262.358mm 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 = 60.697 & 0.068

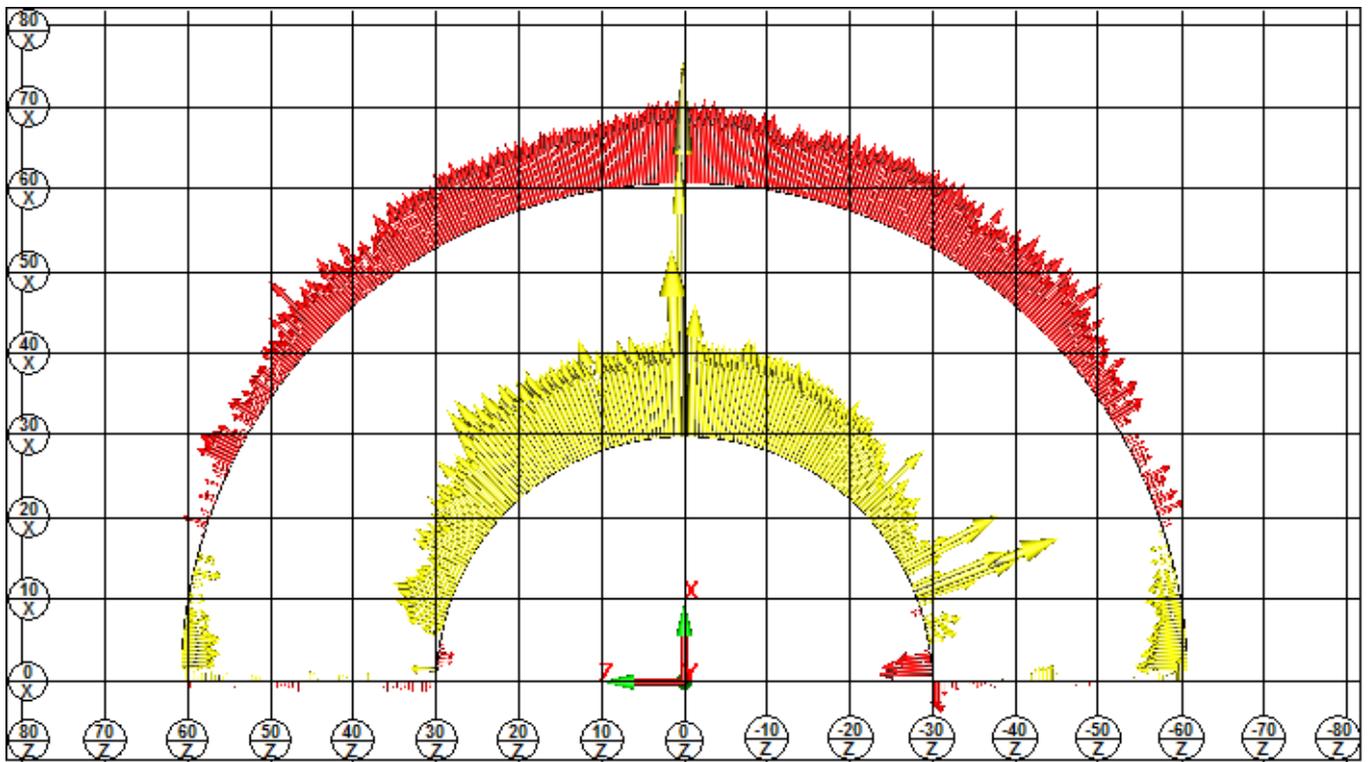
MM		PROF77 - SCN_OD_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.202	0.140	-0.062	
MM		PROF82 - SCN_PP_N_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.097	-0.056	-0.097	
MM		PROF83 - SCN_ID_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.987	0.133	-0.854	
MM		PROF84 - SCN_PP_P_3 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.069	-0.036	-0.069	



Sample Number: MBH10k Cross Section #3 at 262.358mm 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

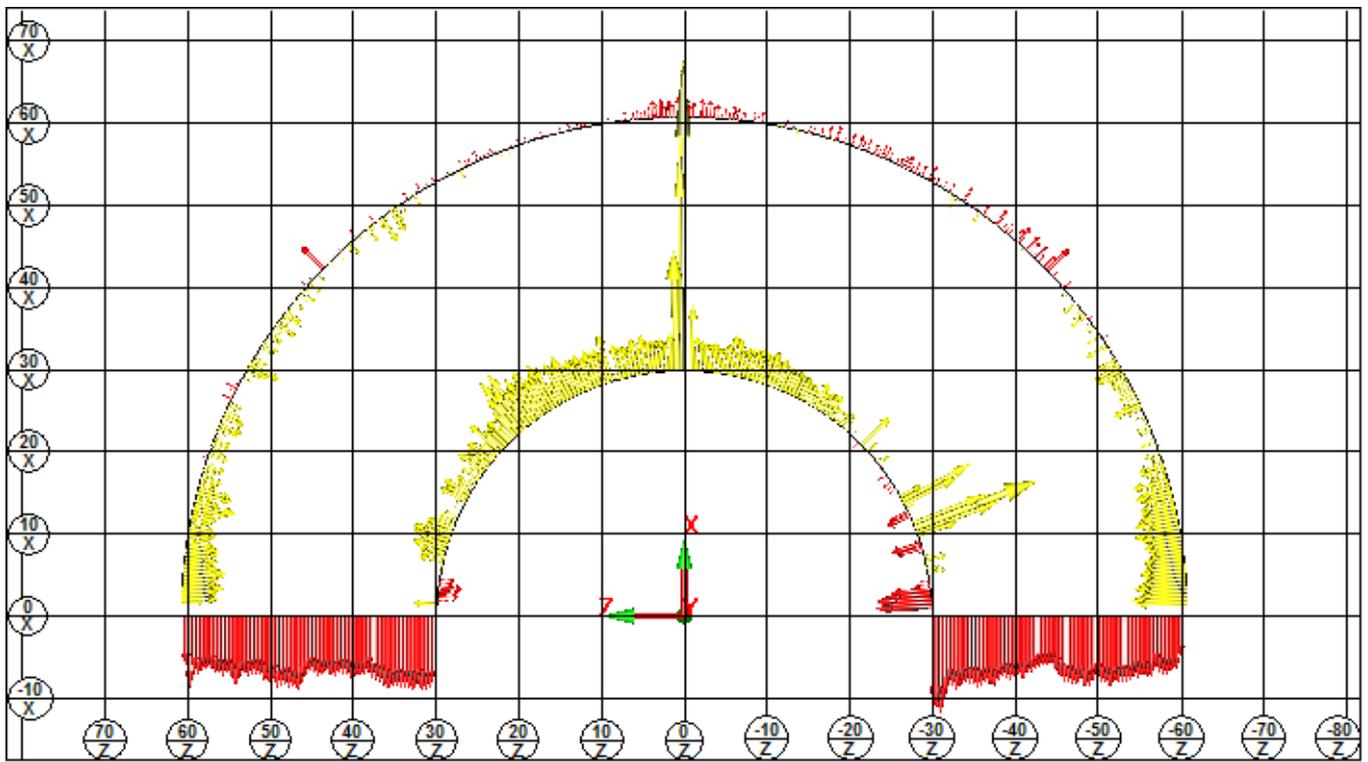
----- CROSS SECTION #4 at 440.504 SLOTTED O.D. -----

MM		PROF85 - SCN_OD_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.169	0.104	-0.065	
MM		PROF90 - SCN_PP_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.069	0.040	-0.029	
MM		PROF91 - SCN_ID_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.525	0.063	-0.463	
MM		PROF92 - SCN_PP_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.033	0.014	-0.019	



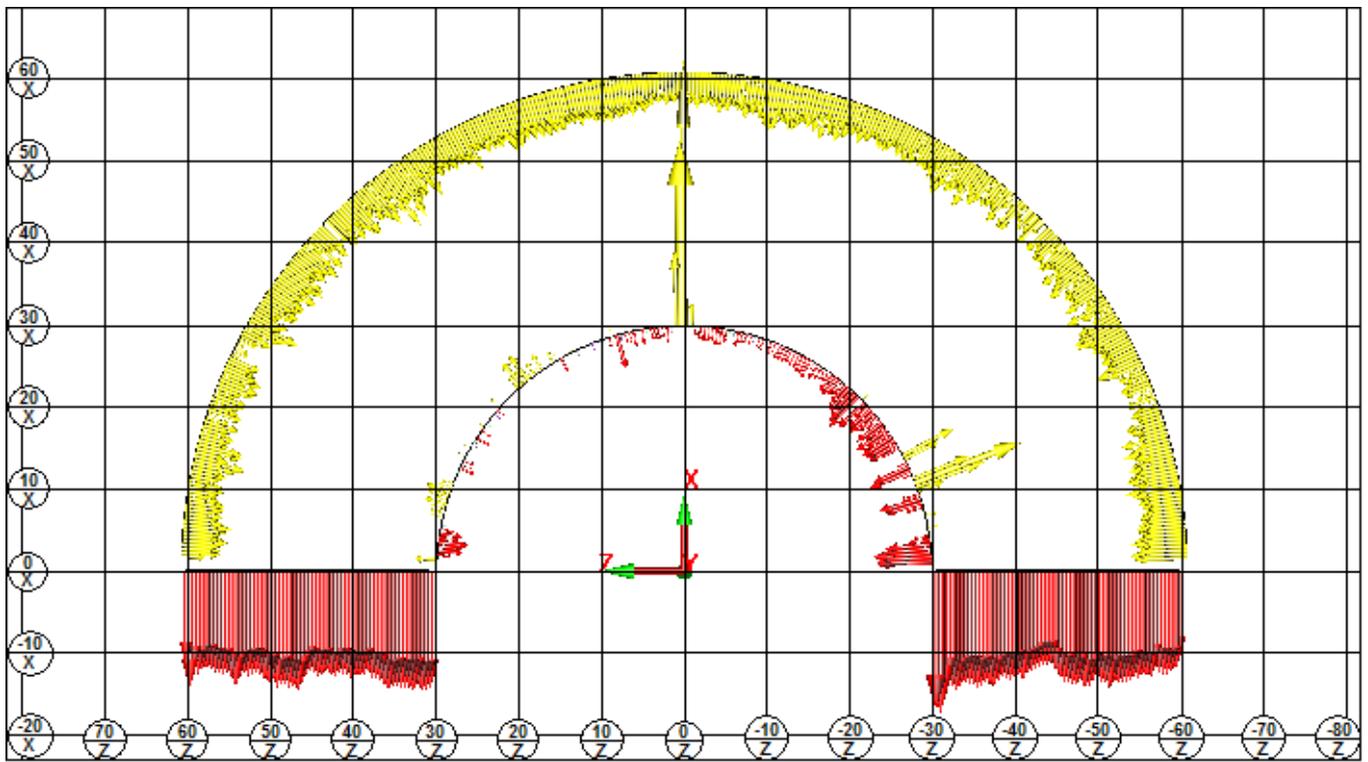
Sample Number: MBH10k Cross Section #4 at 440.504mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF93 - SCN_OD_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.106	0.039	-0.068	
MM		PROF98 - SCN_PP_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.120	0.120	0.051	
MM		PROF99 - SCN_ID_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.451	0.068	-0.383	
MM		PROF100 - SCN_PP_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.094	0.094	0.061	



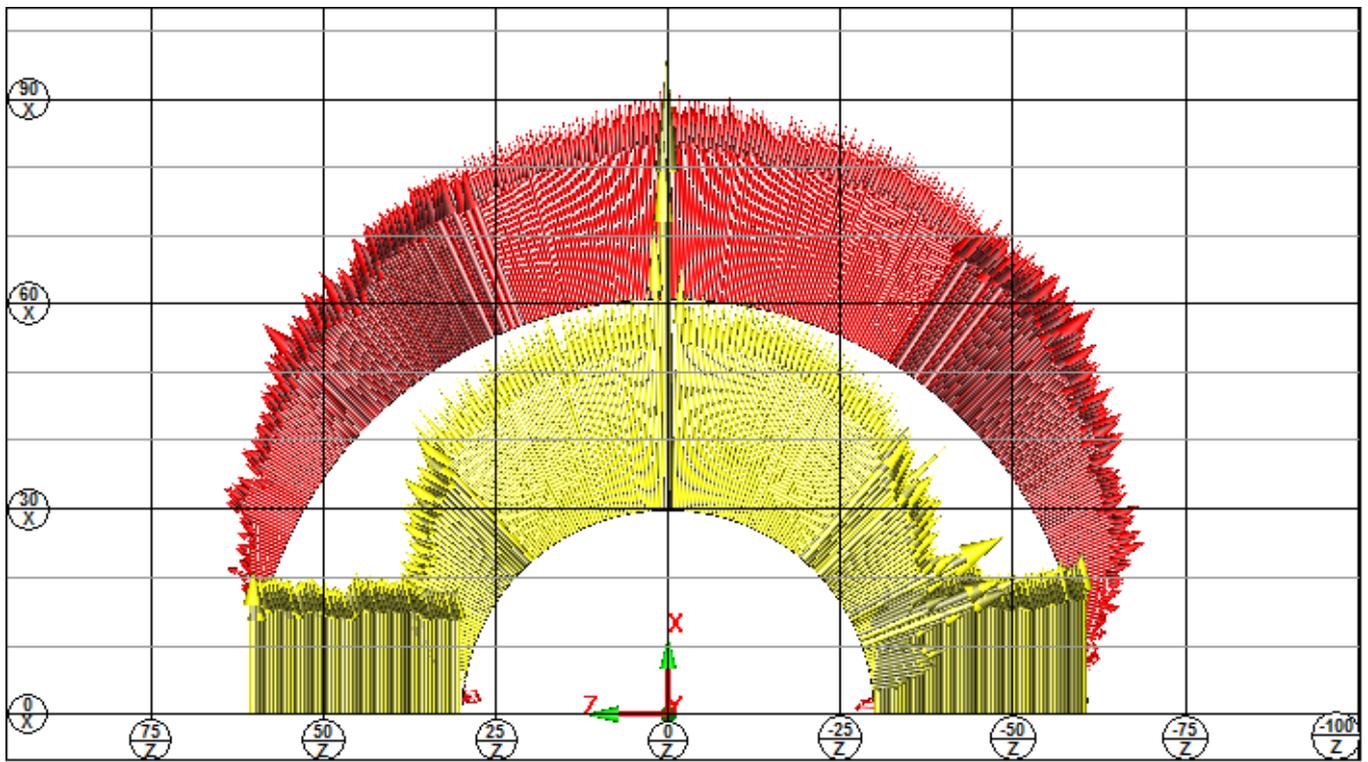
Sample Number: MBH10k Cross Section #4 at 440.504mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF200 - SCN_OD_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.080	0.001	-0.079	
MM		PROF205 - SCN_PP_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.174	0.174	0.106	
MM		PROF206 - SCN_ID_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.400	0.072	-0.328	
MM		PROF207 - SCN_PP_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.148	0.148	0.115	



Sample Number: MBH10k Cross Section #4 at 440.504mm 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 = 60.684 & 0.08

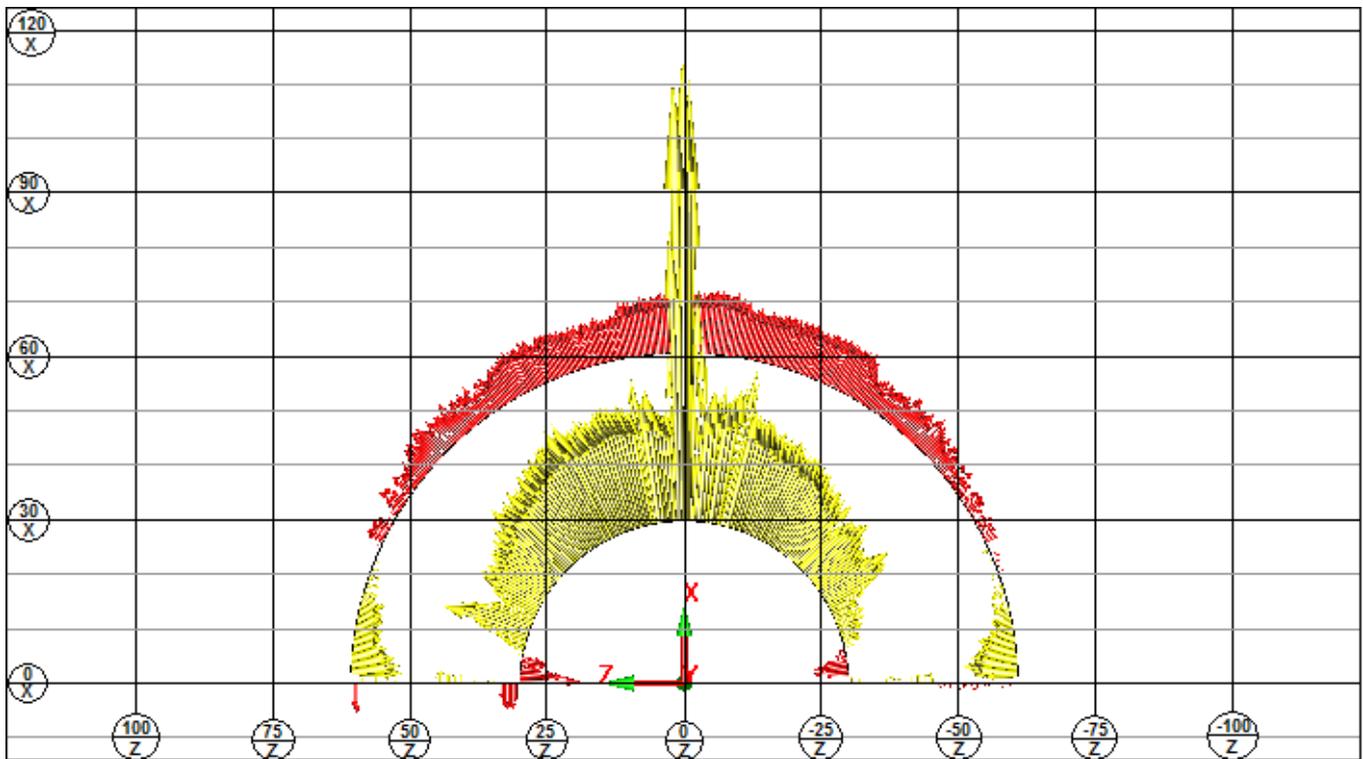
MM		PROF101 - SCN_OD_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.367	0.305	-0.062	
MM		PROF106 - SCN_PP_N_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.239	-0.166	-0.239	
MM		PROF107 - SCN_ID_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.692	0.029	-0.663	
MM		PROF108 - SCN_PP_P_4 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.210	-0.179	-0.210	



Sample Number: MBH10k Cross Section #4 at 440.504mm 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

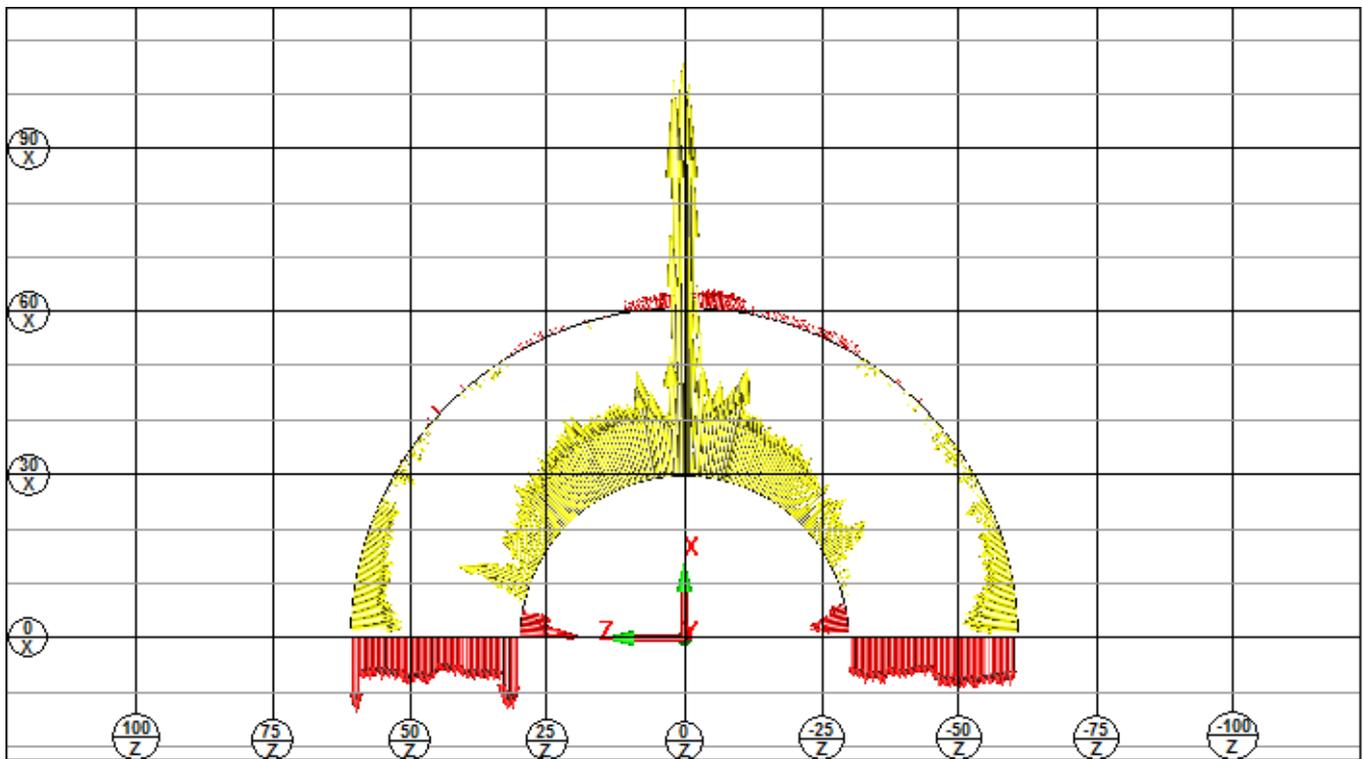
----- CROSS SECTION #5 at 711.054 SLOTTED O.D. -----

Symbol	Unit	PROF109 - SCN_OD_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.217	0.119	-0.097	
Symbol	Unit	PROF114 - SCN_PP_N_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.032	0.015	-0.017	
Symbol	Unit	PROF115 - SCN_ID_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.964	0.111	-0.853	
Symbol	Unit	PROF116 - SCN_PP_P_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.079	0.057	-0.022	



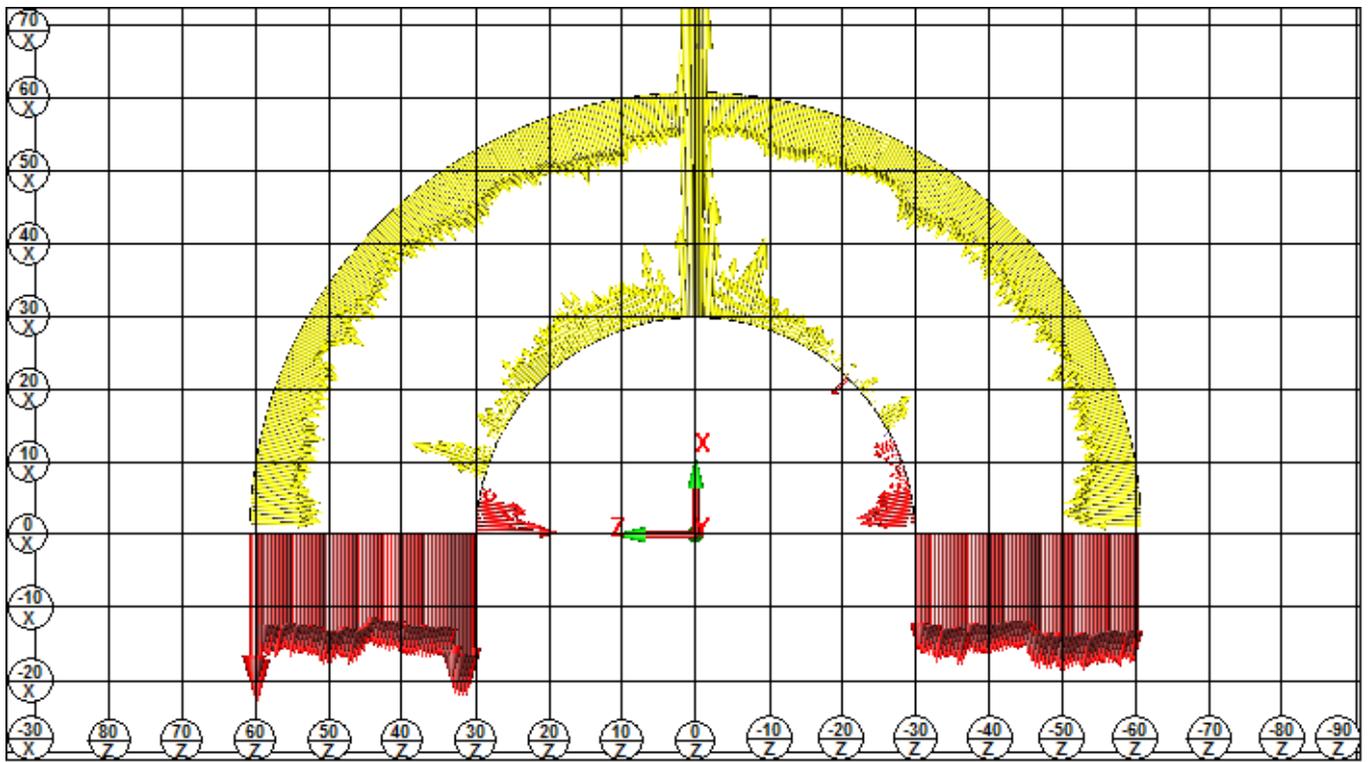
Sample Number: MBH10k Cross Section #5 at 711.054mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF117 - SCN_OD_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.139	0.036	-0.102	
MM		PROF122 - SCN_PP_N_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.098	0.098	0.066	
MM		PROF123 - SCN_ID_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.882	0.112	-0.770	
MM		PROF124 - SCN_PP_P_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.140	0.140	0.061	



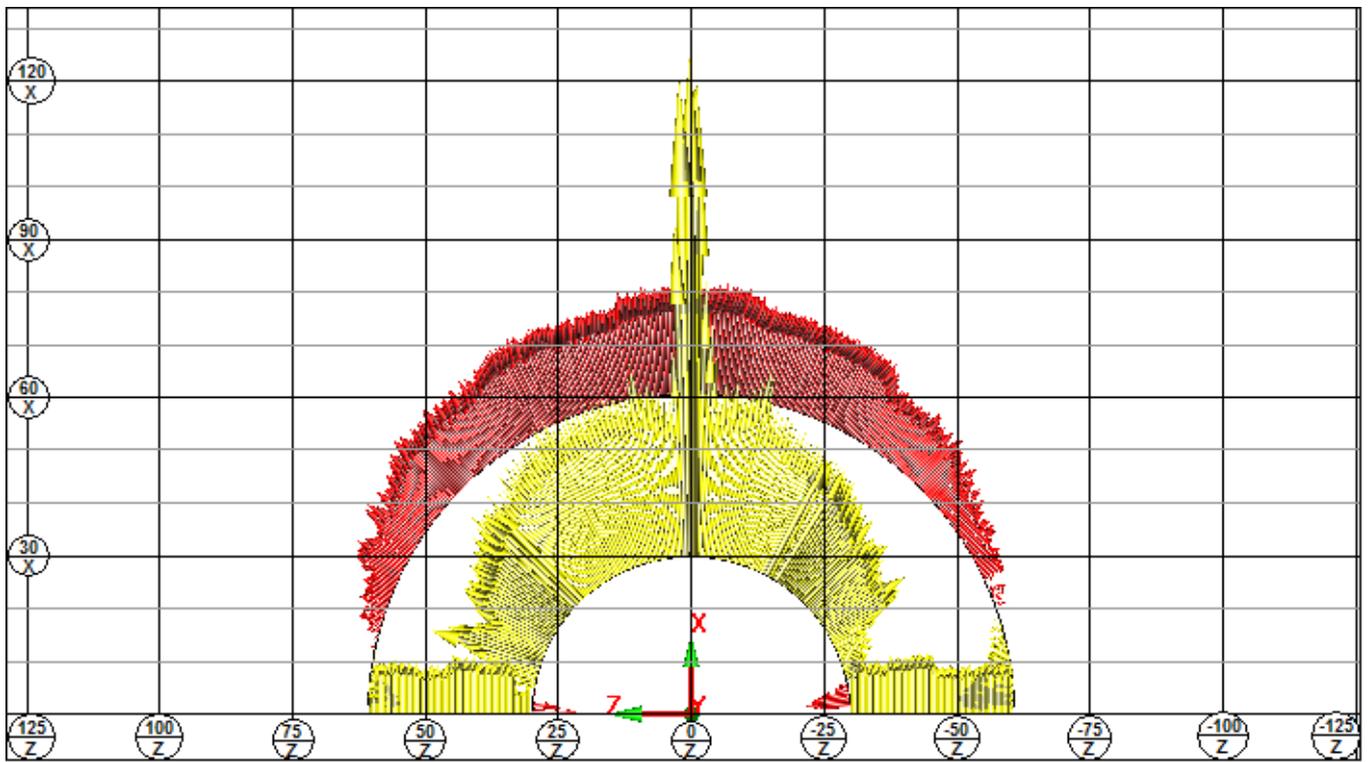
Sample Number: MBH10k Cross Section #5 at 711.054mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF208 - SCN_OD_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.108	-0.042	-0.108	
MM		PROF213 - SCN_PP_N_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.191	0.191	0.158	
MM		PROF214 - SCN_ID_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.791	0.113	-0.678	
MM		PROF215 - SCN_PP_P_5 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.231	0.231	0.152	



Sample Number: MBH10k Cross Section #5 at 711.054mm 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 = 60.655 & 0.066

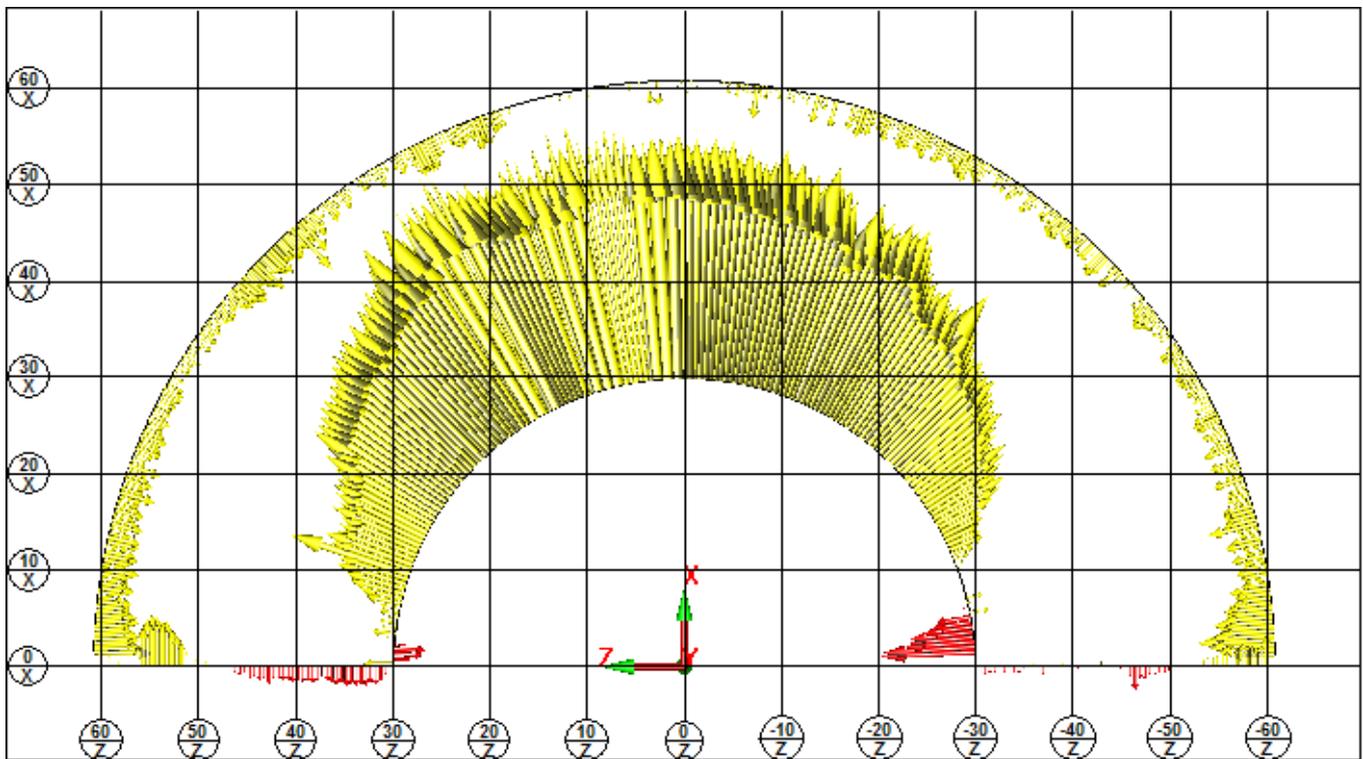
Symbol	Unit	PROF125 - SCN_OD_5 FORMANDLOCATION		
AX	MM	MEAS	MAX	MIN
M		0.328	0.212	-0.115
Symbol	Unit	PROF130 - SCN_PP_N_5 FORMANDLOCATION		
AX	MM	MEAS	MAX	MIN
M		0.116	-0.084	-0.116
Symbol	Unit	PROF131 - SCN_ID_5 FORMANDLOCATION		
AX	MM	MEAS	MAX	MIN
M		1.034	0.086	-0.948
Symbol	Unit	PROF132 - SCN_PP_P_5 FORMANDLOCATION		
AX	MM	MEAS	MAX	MIN
M		0.114	-0.034	-0.114



Sample Number: MBH10k Cross Section #5 at 711.054mm 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

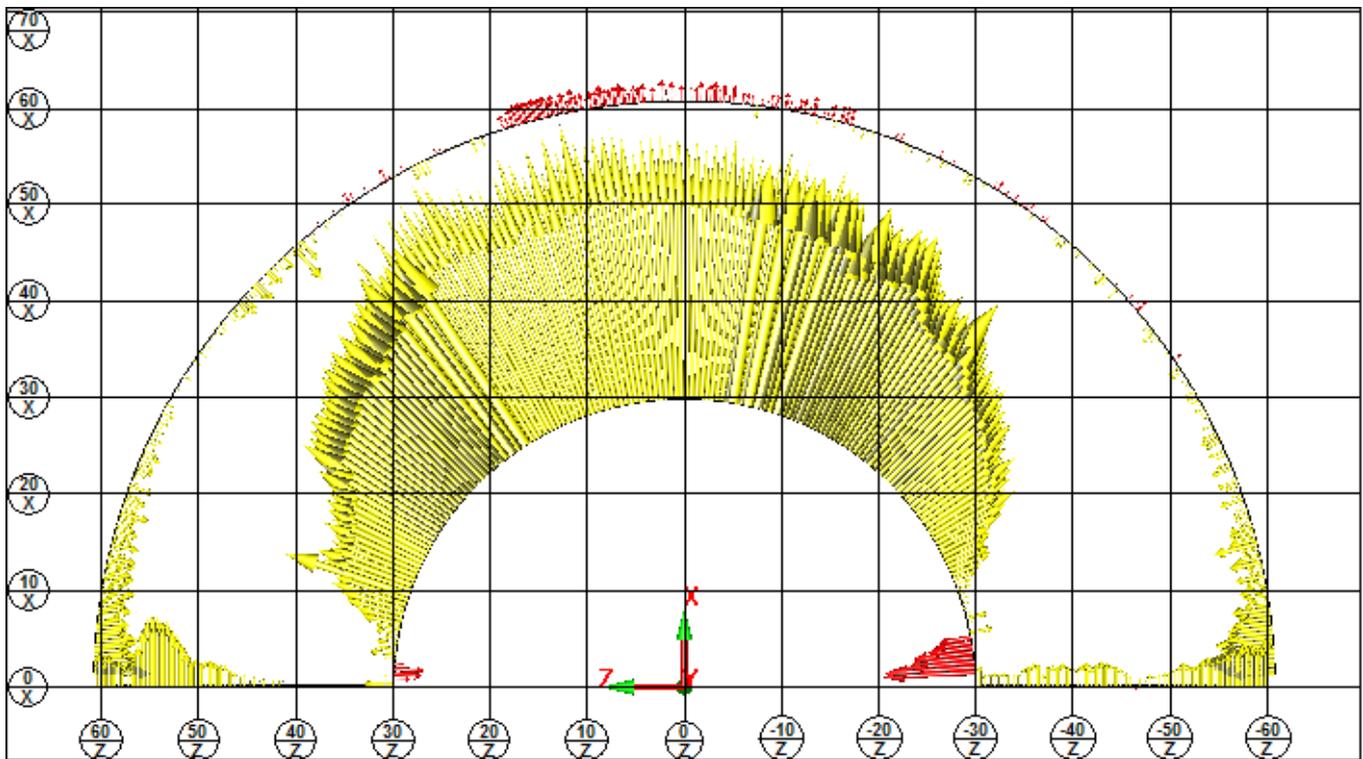
 CROSS SECTION #6 at 805.278 FULL O.D. -----

MM		PROF133 - SCN_OD_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.083	0.003	-0.080	
MM		PROF134 - SCN_PP_N_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.056	0.025	-0.031	
MM		PROF135 - SCN_ID_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.375	0.096	-0.279	
MM		PROF136 - SCN_PP_P_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.075	0.022	-0.053	



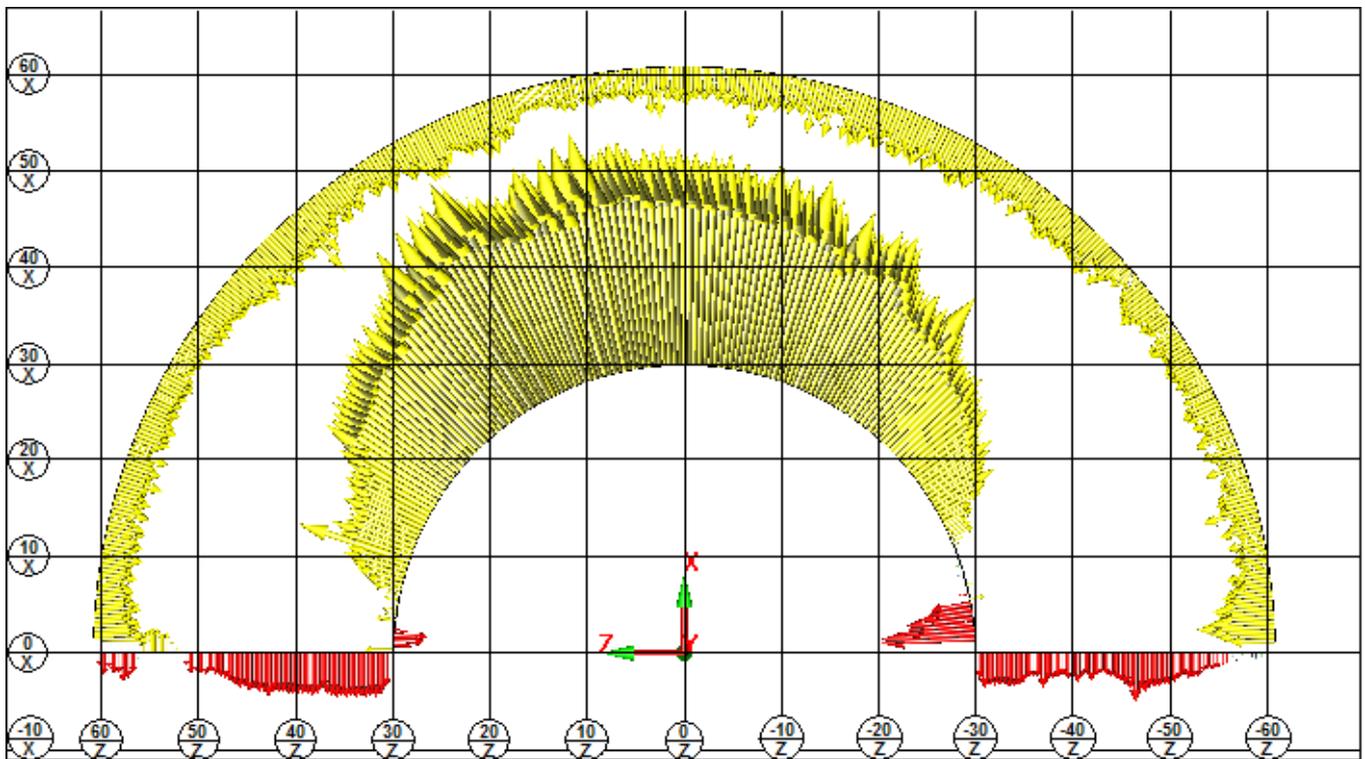
Sample Number: MBH10k Cross Section #6 at 805.278mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF137 - SCN_OD_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.102	0.024	-0.079	
MM		PROF138 - SCN_PP_N_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.056	0.004	-0.052	
MM		PROF139 - SCN_ID_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.394	0.095	-0.300	
MM		PROF140 - SCN_PP_P_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.075	0.001	-0.074	

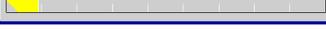


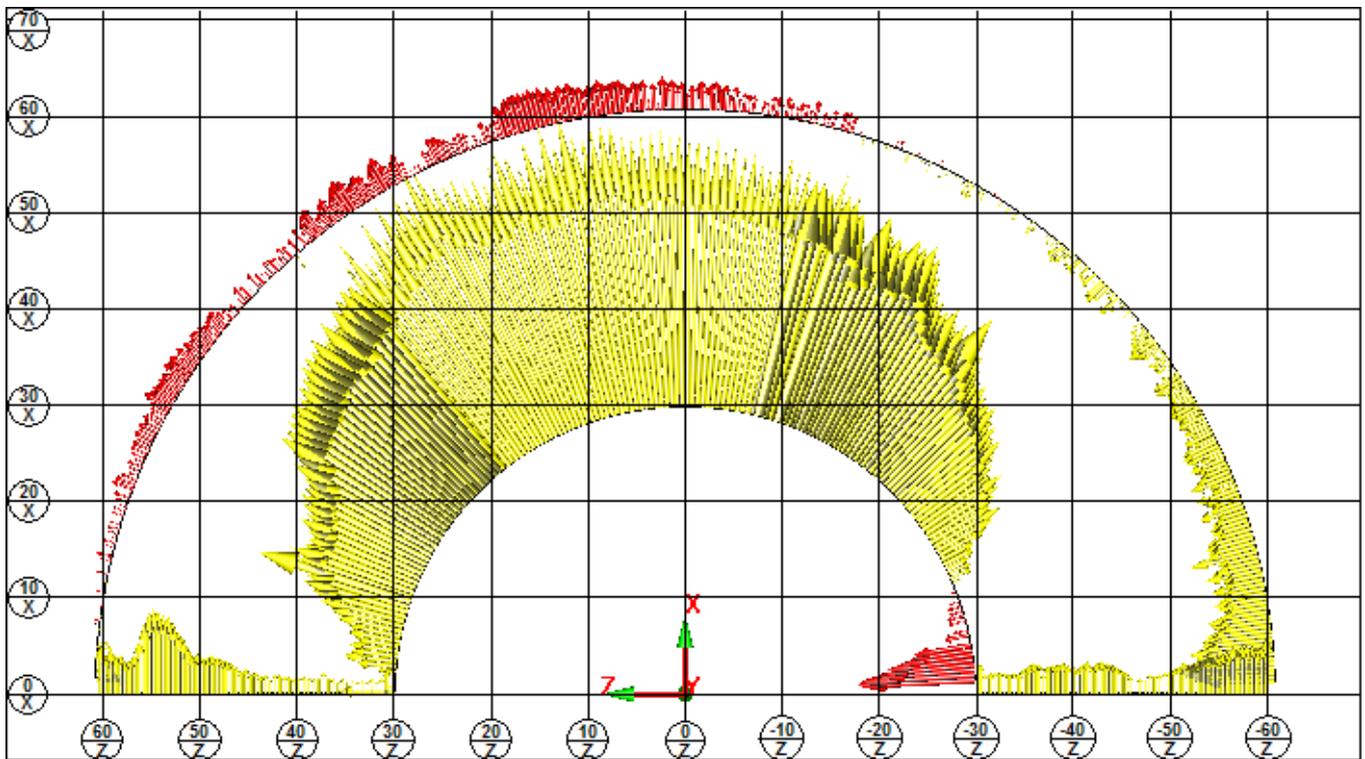
Sample Number: MBH10k Cross Section #6 at 805.278mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF216 - SCN_OD_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.081	-0.019	-0.081	
MM		PROF217 - SCN_PP_N_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.056	0.053	-0.003	
MM		PROF218 - SCN_ID_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.351	0.097	-0.254	
MM		PROF219 - SCN_PP_P_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.075	0.049	-0.026	



Sample Number: MBH10k Cross Section #6 at 805.278mm 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 = 60.689 & 0.062

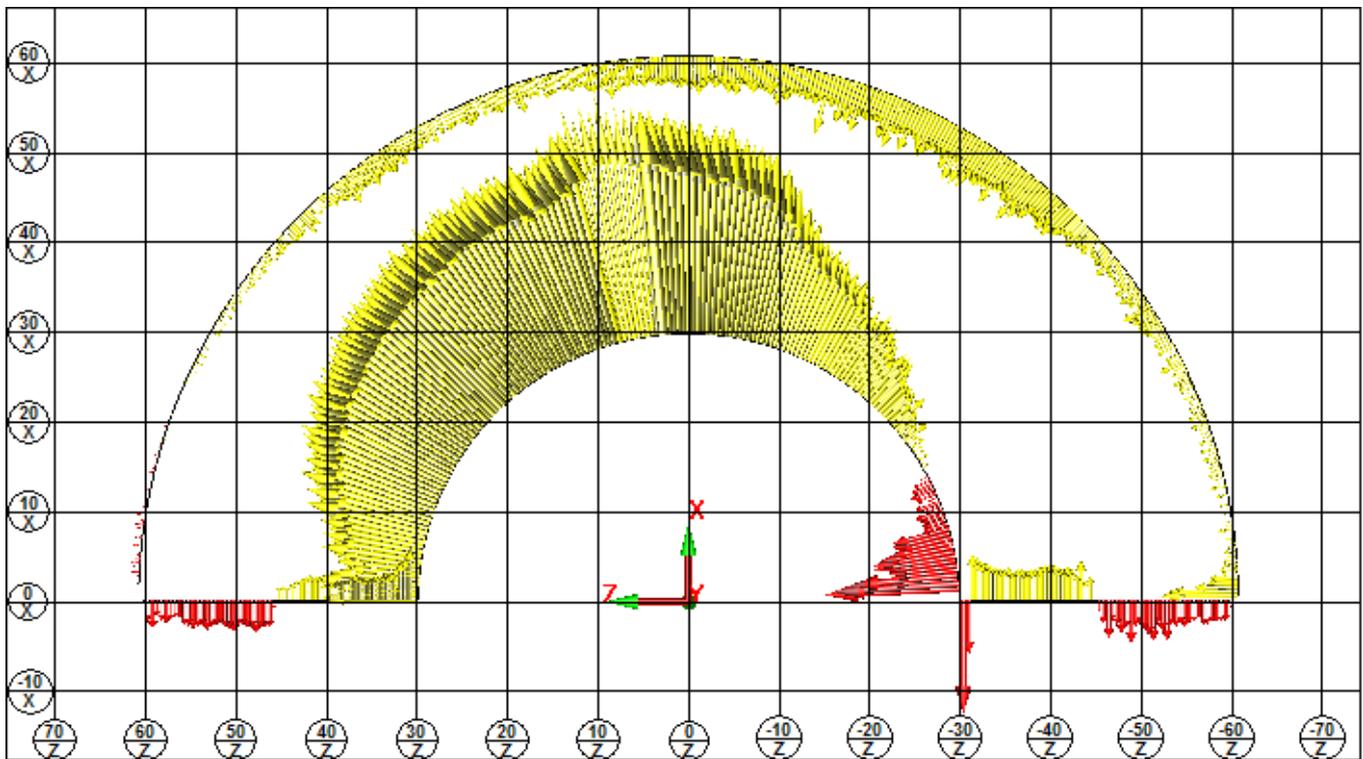
		MM	PROF141 - SCN_OD_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.147	0.041	-0.106		
		MM	PROF142 - SCN_PP_N_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.059	-0.004	-0.059		
		MM	PROF143 - SCN_ID_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.441	0.122	-0.319		
		MM	PROF144 - SCN_PP_P_6 FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.088	-0.012	-0.088		



Sample Number: MBH10k Cross Section #6 at 805.278mm 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

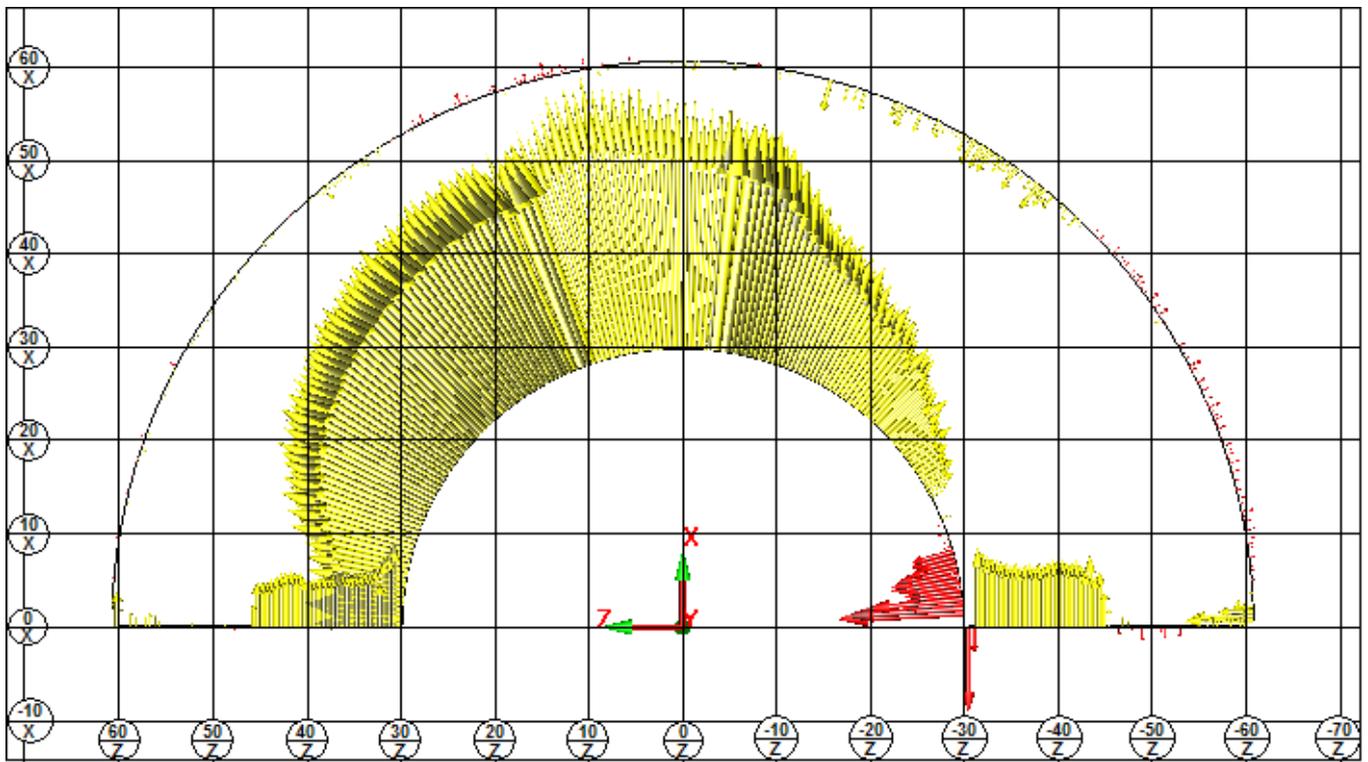
 CROSS SECTION #7 at 931.461 FULL O.D. -----

	MM	PROF145 - SCN_OD_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.097	0.010	-0.086	
	MM	PROF146 - SCN_PP_N_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.179	0.126	-0.053	
	MM	PROF147 - SCN_ID_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.422	0.147	-0.275	
	MM	PROF148 - SCN_PP_P_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.097	0.036	-0.061	



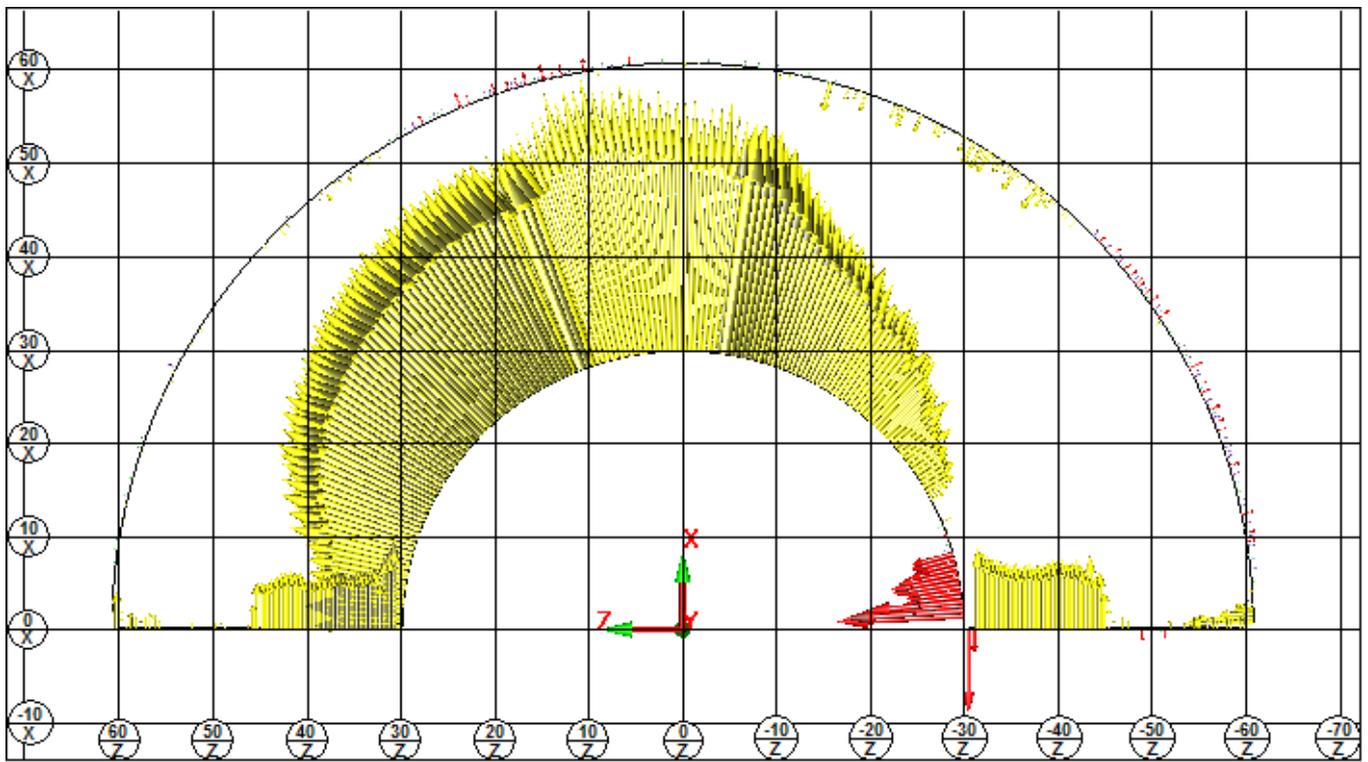
Sample Number: MBH10k Cross Section #7 at 931.461mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF149 - SCN_OD_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.091	0.016	-0.075	
MM		PROF150 - SCN_PP_N_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.179	0.094	-0.085	
MM		PROF151 - SCN_ID_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.438	0.134	-0.304	
MM		PROF152 - SCN_PP_P_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.097	0.005	-0.092	



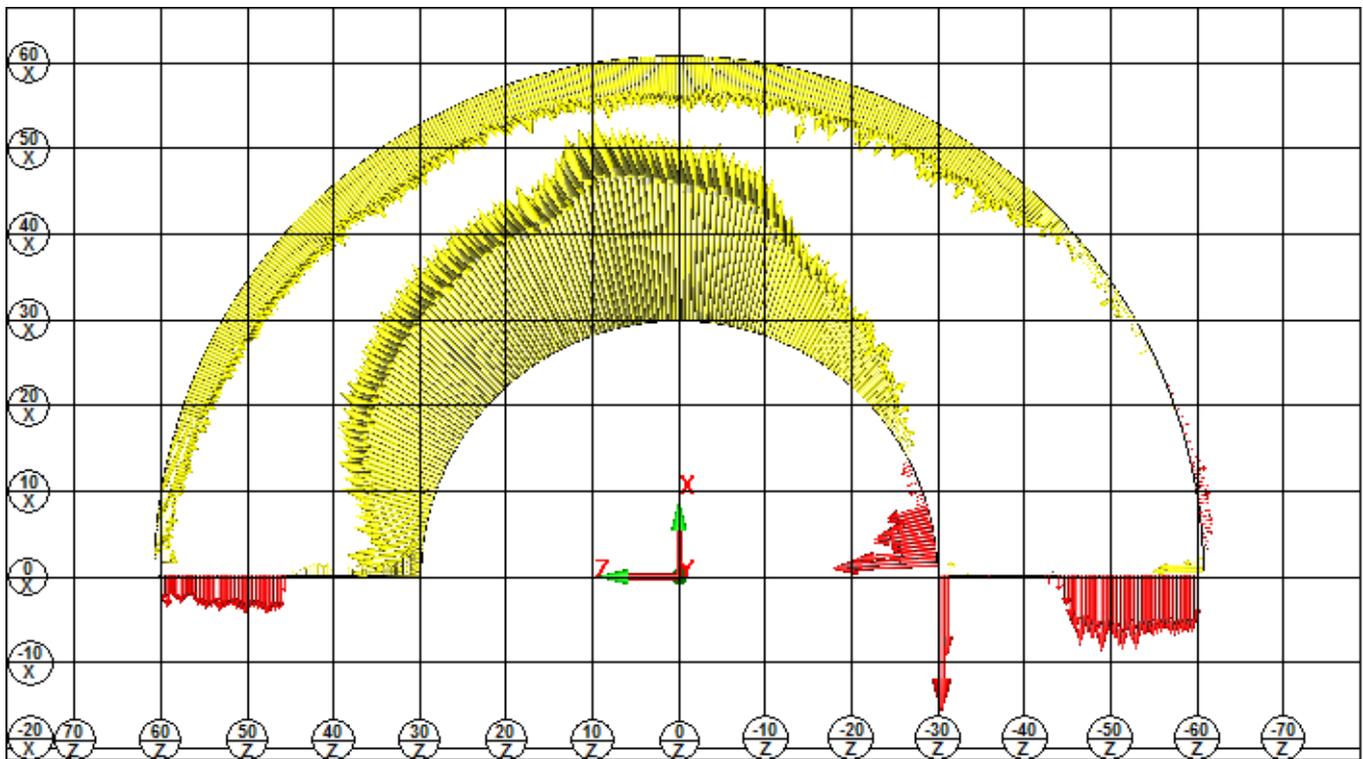
Sample Number: MBH10k Cross Section #7 at 931.461mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF220 - SCN_OD_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.094	0.019	-0.075	
MM		PROF221 - SCN_PP_N_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.179	0.091	-0.088	
MM		PROF222 - SCN_ID_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.441	0.134	-0.307	
MM		PROF223 - SCN_PP_P_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.097	0.002	-0.095	



Sample Number: MBH10k Cross Section #7 at 931.461mm 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 = 60.729 & 0.094

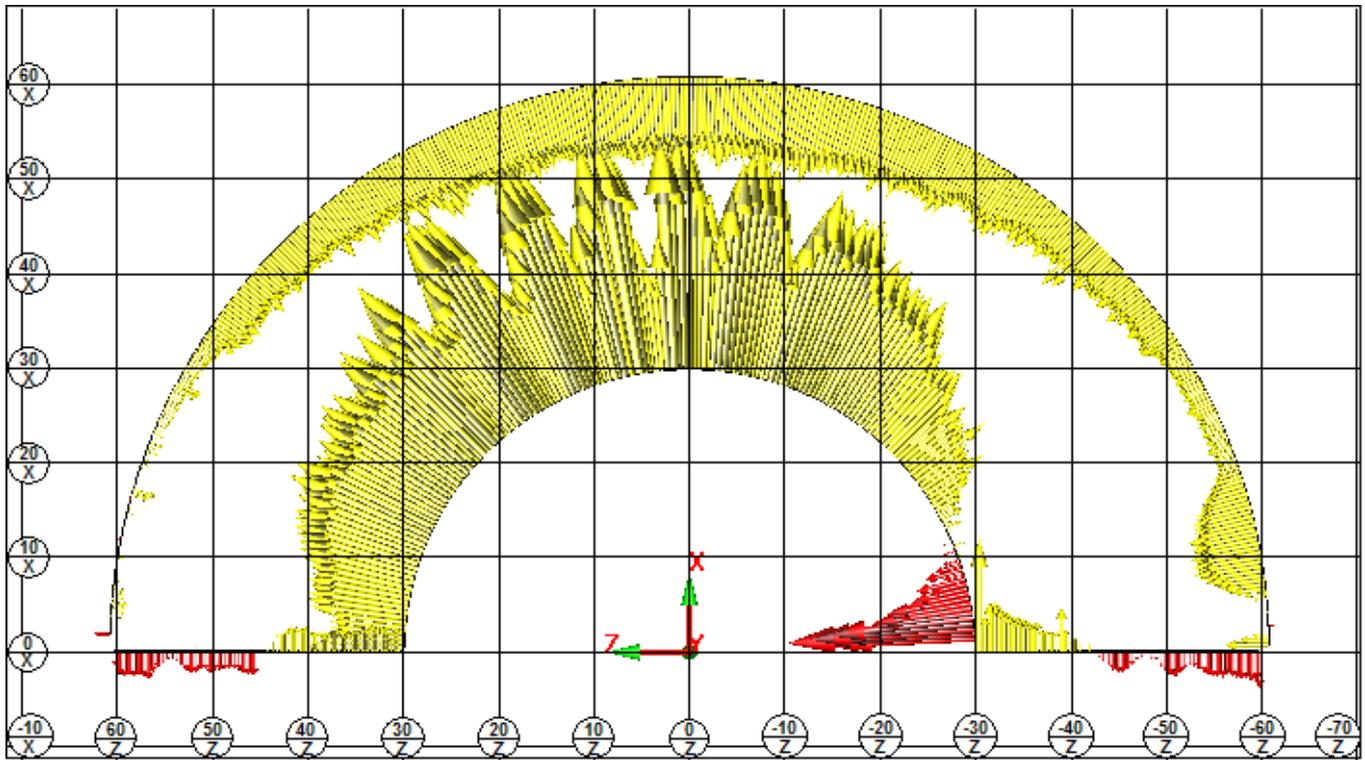
MM		PROF153 - SCN_OD_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.103	0.017	-0.086	
MM		PROF154 - SCN_PP_N_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.179	0.161	-0.018	
MM		PROF155 - SCN_ID_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.368	0.122	-0.245	
MM		PROF156 - SCN_PP_P_7 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.091	0.046	-0.045	



Sample Number: MBH10k Cross Section #7 at 931.461mm 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

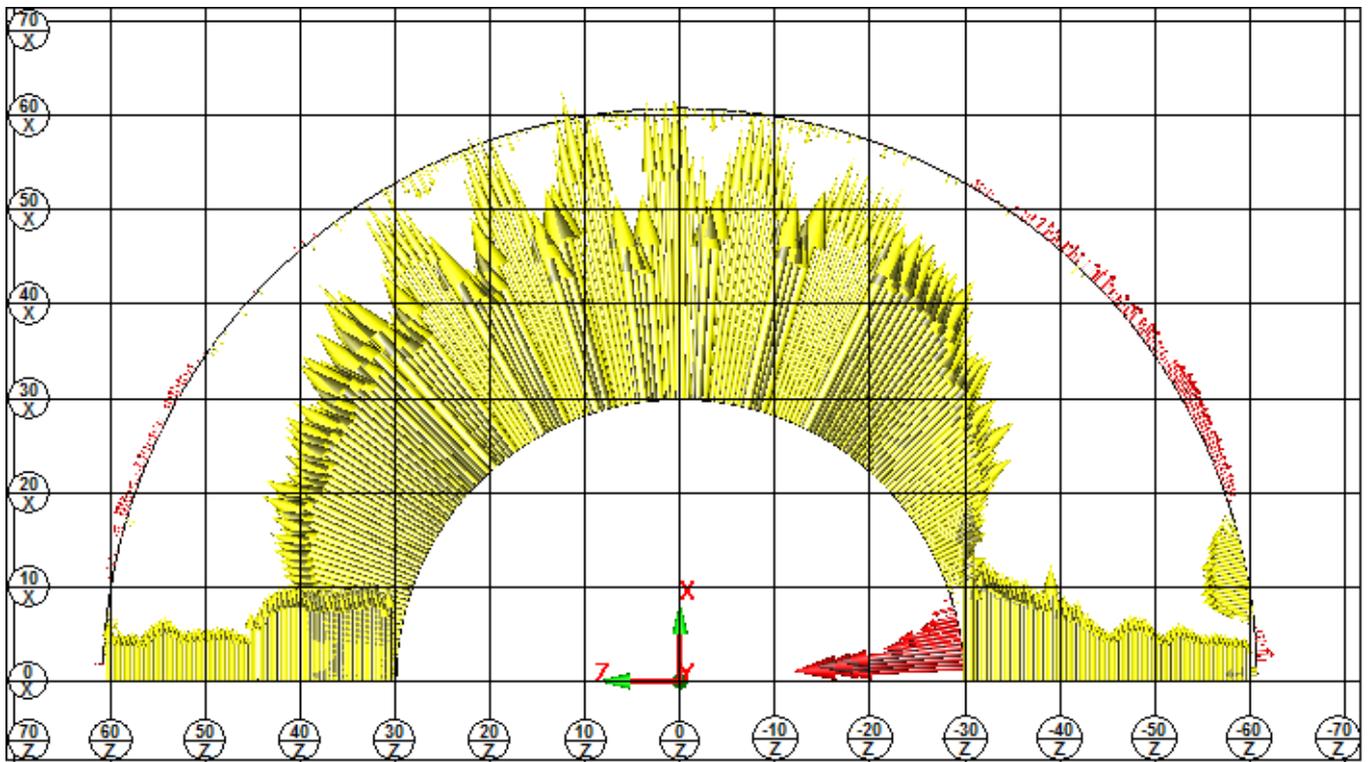
 CROSS SECTION #8 at 966.143 FULL O.D. -----

AX	MEAS	MAX	MIN	
<div style="display: flex; align-items: center;"> ⤴ MM PROF157 - SCN_OD_8 FORMANDLOCATION </div>				
M	0.117	0.017	-0.100	<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	0.159	0.040	-0.119	<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	0.463	0.195	-0.268	<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	0.059	0.031	-0.029	<div style="width: 100px; height: 10px; background: linear-gradient(to right, red, purple);"></div>



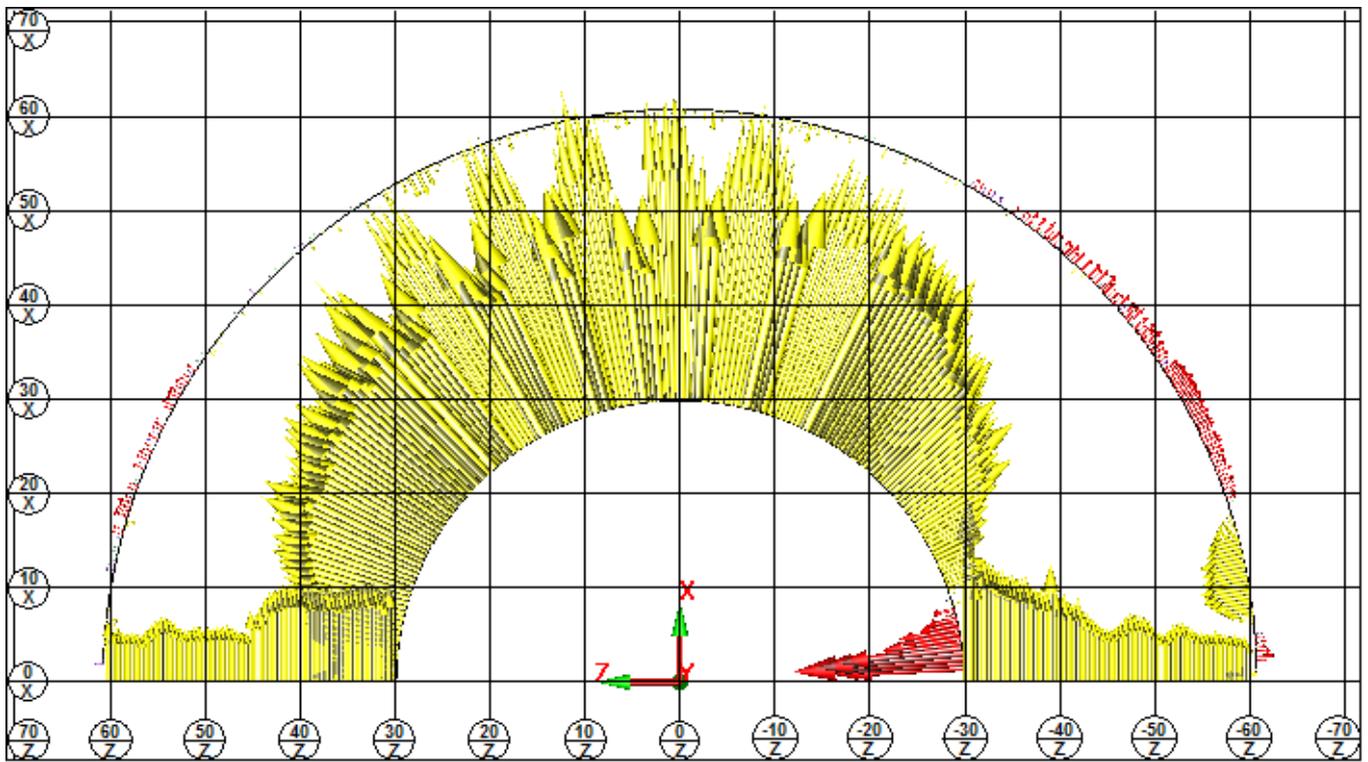
Sample Number: MBH10k Cross Section #8 at 966.143mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF161 - SCN_OD_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.076	0.023	-0.052	
MM		PROF162 - SCN_PP_N_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.195	-0.037	-0.195	
MM		PROF163 - SCN_ID_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.520	0.180	-0.341	
MM		PROF164 - SCN_PP_P_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.105	-0.046	-0.105	



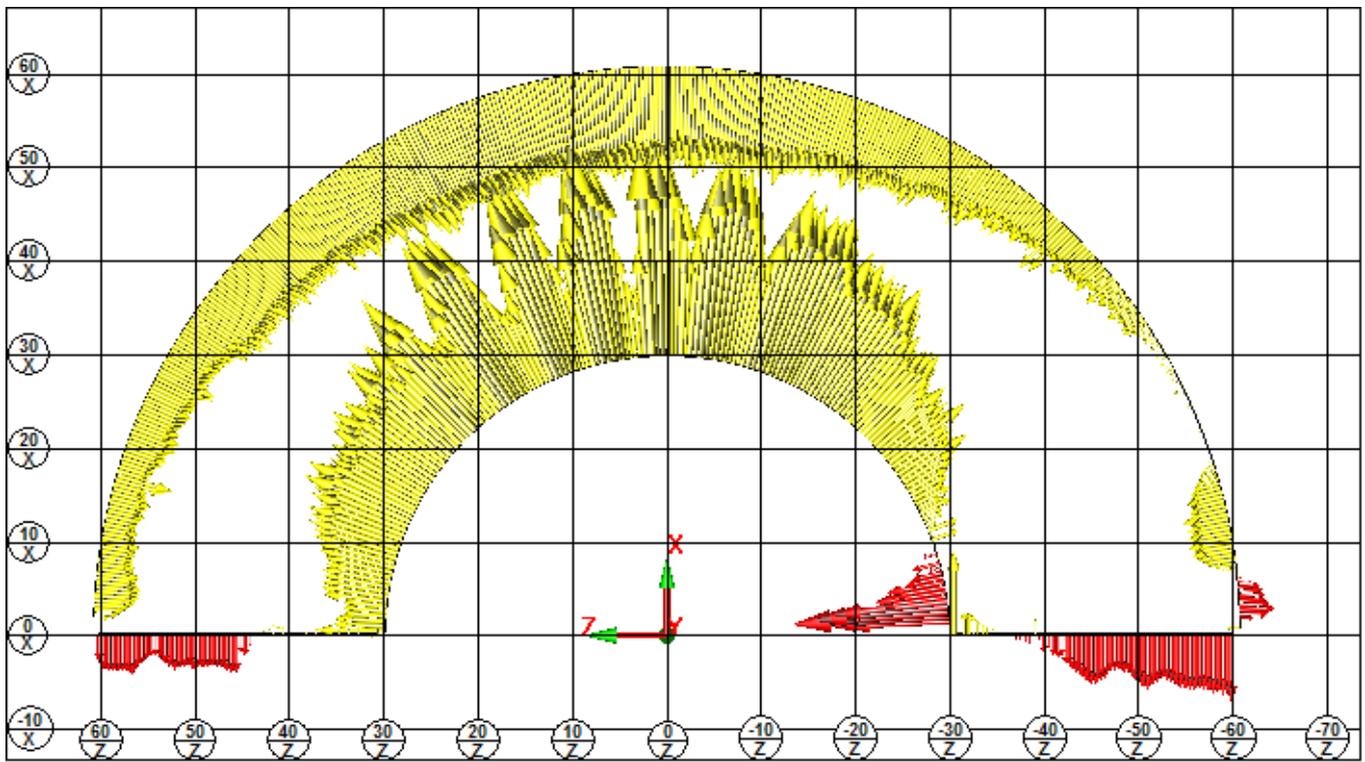
Sample Number: MBH10k Cross Section #8 at 966.143mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

	MM	PROF224 - SCN_OD_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.076	0.024	-0.052	
	MM	PROF225 - SCN_PP_N_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.197	-0.039	-0.197	
	MM	PROF226 - SCN_ID_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.522	0.179	-0.343	
	MM	PROF227 - SCN_PP_P_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.107	-0.048	-0.107	



Sample Number: MBH10k Cross Section #8 at 966.143mm 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 = 60.729 & 0.076

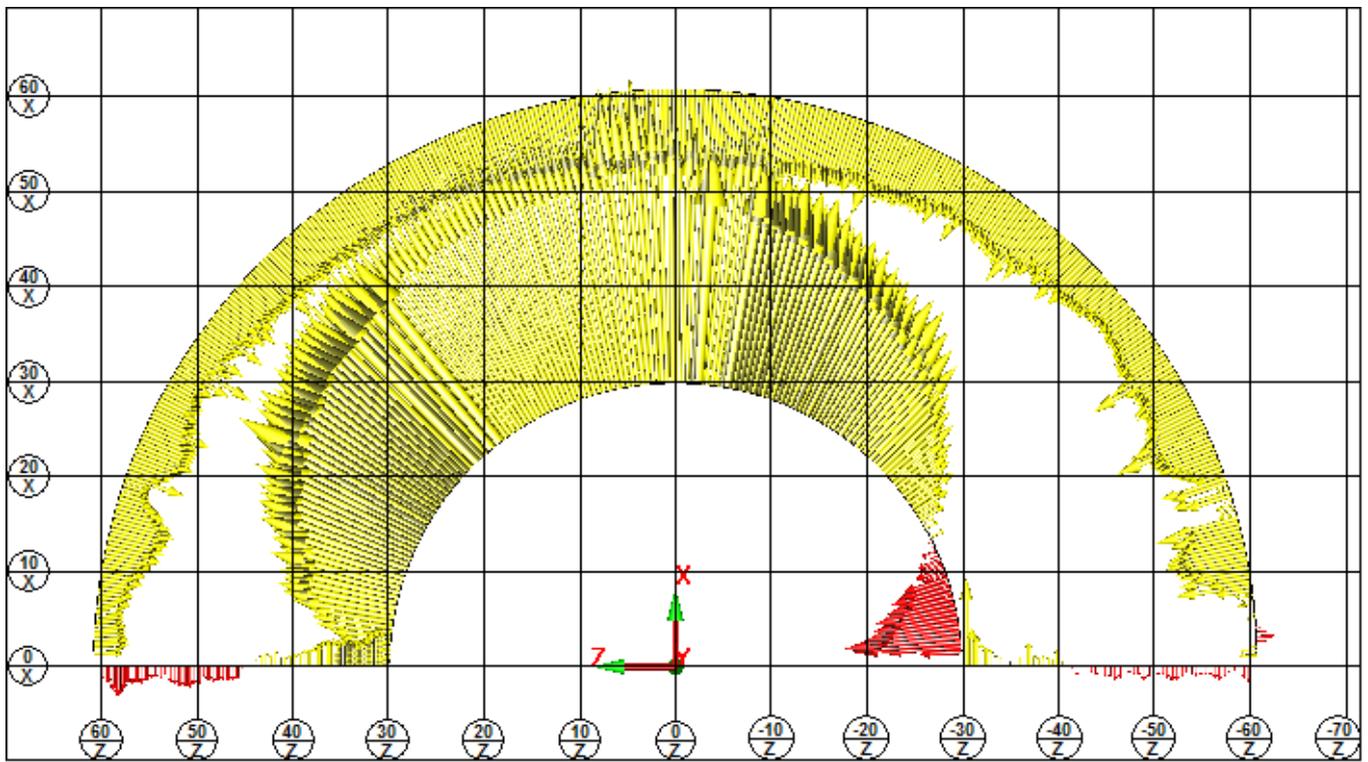
MM		PROF165 - SCN_OD_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.164	0.037	-0.127	
MM		PROF166 - SCN_PP_N_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.164	0.074	-0.090	
MM		PROF167 - SCN_ID_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.405	0.166	-0.239	
MM		PROF168 - SCN_PP_P_8 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.055	0.044	-0.011	



Sample Number: MBH10k Cross Section #8 at 966.143mm 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

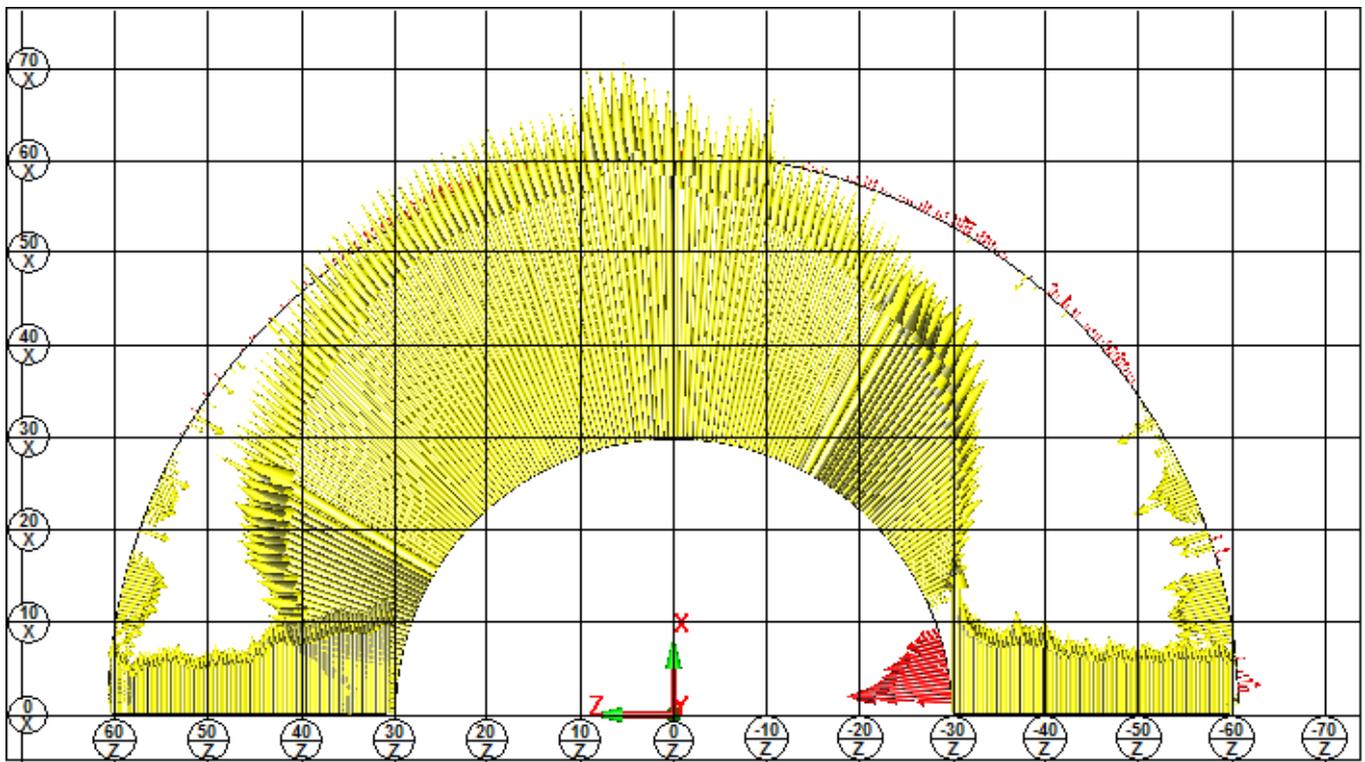
 ----- CROSS SECTION #9 at 1009.408 FULL O.D. -----

AX	MEAS	MAX	MIN	
<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> </div> <div style="margin-right: 10px;">MM</div> <div style="flex-grow: 1;">PROF169 - SCN_OD_9 FORMANDLOCATION</div> </div>				
M	0.124	0.019	-0.105	
<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> </div> <div style="margin-right: 10px;">MM</div> <div style="flex-grow: 1;">PROF170 - SCN_PP_N_9 FORMANDLOCATION</div> </div>				
M	0.110	0.017	-0.092	
<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> </div> <div style="margin-right: 10px;">MM</div> <div style="flex-grow: 1;">PROF171 - SCN_ID_9 FORMANDLOCATION</div> </div>				
M	0.449	0.121	-0.328	
<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> </div> <div style="margin-right: 10px;">MM</div> <div style="flex-grow: 1;">PROF172 - SCN_PP_P_9 FORMANDLOCATION</div> </div>				
M	0.074	0.033	-0.041	



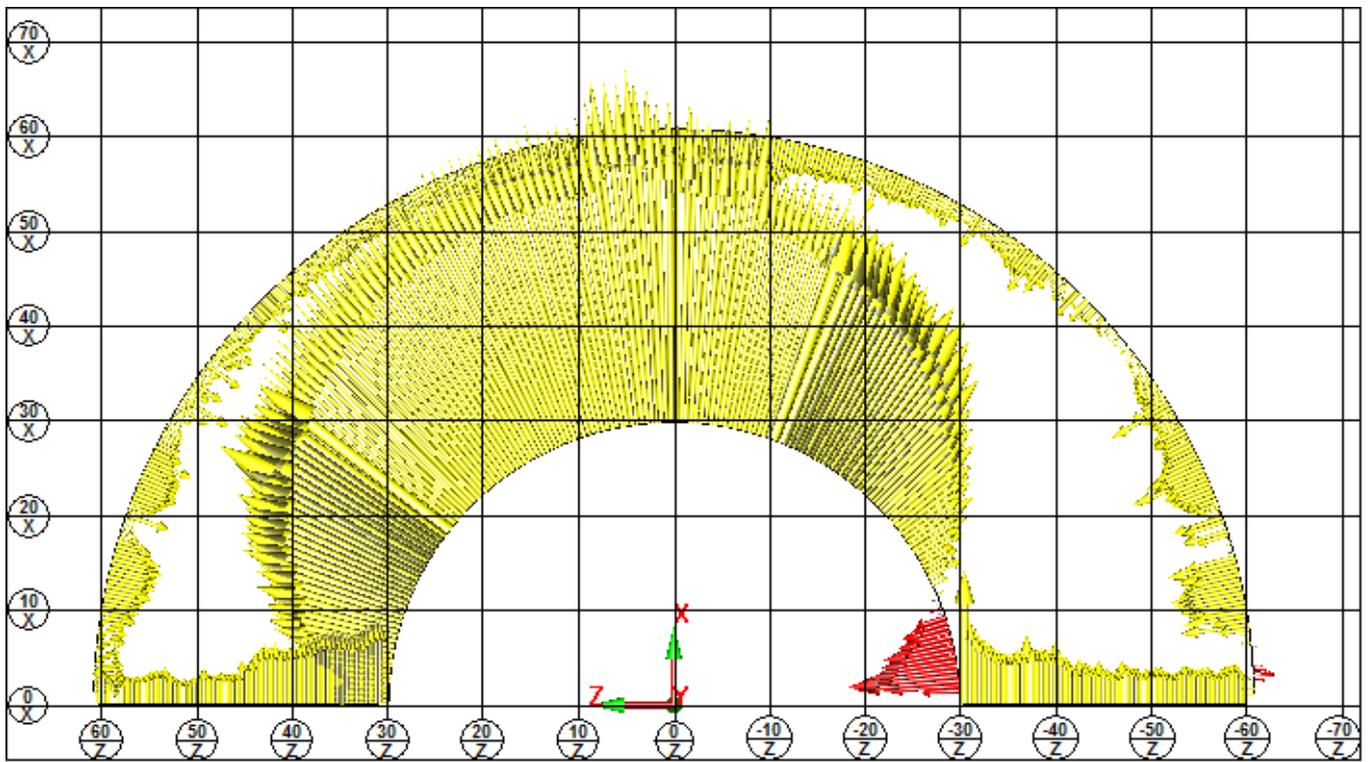
Sample Number: MBH10k Cross Section #9 at 1009.408mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : Parting Plane scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF173 - SCN_OD_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.093	0.024	-0.069	
MM		PROF174 - SCN_PP_N_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.181	-0.071	-0.181	
MM		PROF175 - SCN_ID_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.528	0.111	-0.416	
MM		PROF176 - SCN_PP_P_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.129	-0.055	-0.129	

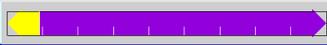
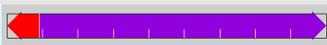
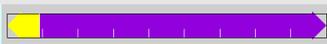
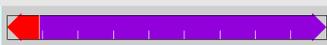


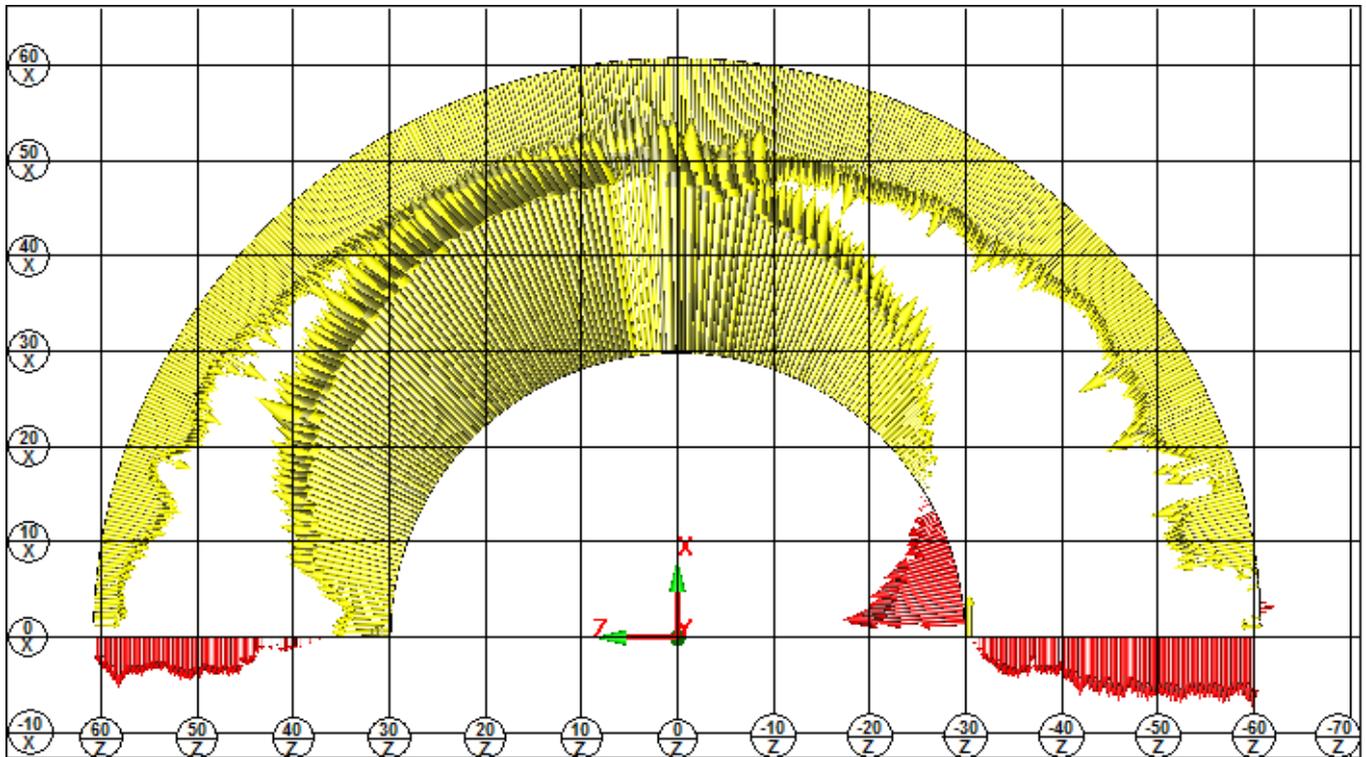
Sample Number: MBH10k Cross Section #9 at 1009.408mm from RETURN END. x100
 Alignment is: -Z- is Best Fit to : O.D. scan
 for 1 x-SECTION -X- is Best Fit to : O.D. scan
 x100 -Y- axis Rotation is Best Fit to : Parting Plane scan

MM		PROF228 - SCN_OD_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.107	0.022	-0.085	
MM		PROF229 - SCN_PP_N_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.142	-0.032	-0.142	
MM		PROF230 - SCN_ID_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.493	0.115	-0.378	
MM		PROF231 - SCN_PP_P_9 FORMANDLOCATION		
AX	MEAS	MAX	MIN	
M	0.090	-0.016	-0.090	



Sample Number: MBH10k Cross Section #9 at 1009.408mm 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 = 60.697 & 0.107

		MM	PROF177 - SCN_OD_9 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.158		0.015	-0.143	
		MM	PROF178 - SCN_PP_N_9 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.118		0.074	-0.044	
		MM	PROF179 - SCN_ID_9 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.417		0.127	-0.290	
		MM	PROF180 - SCN_PP_P_9 FORMANDLOCATION		
AX	MEAS		MAX	MIN	
M	0.066		0.054	-0.012	



Sample Number: MBH10k Cross Section #9 at 1009.408mm 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	0.456	0.400	0.000	0.056



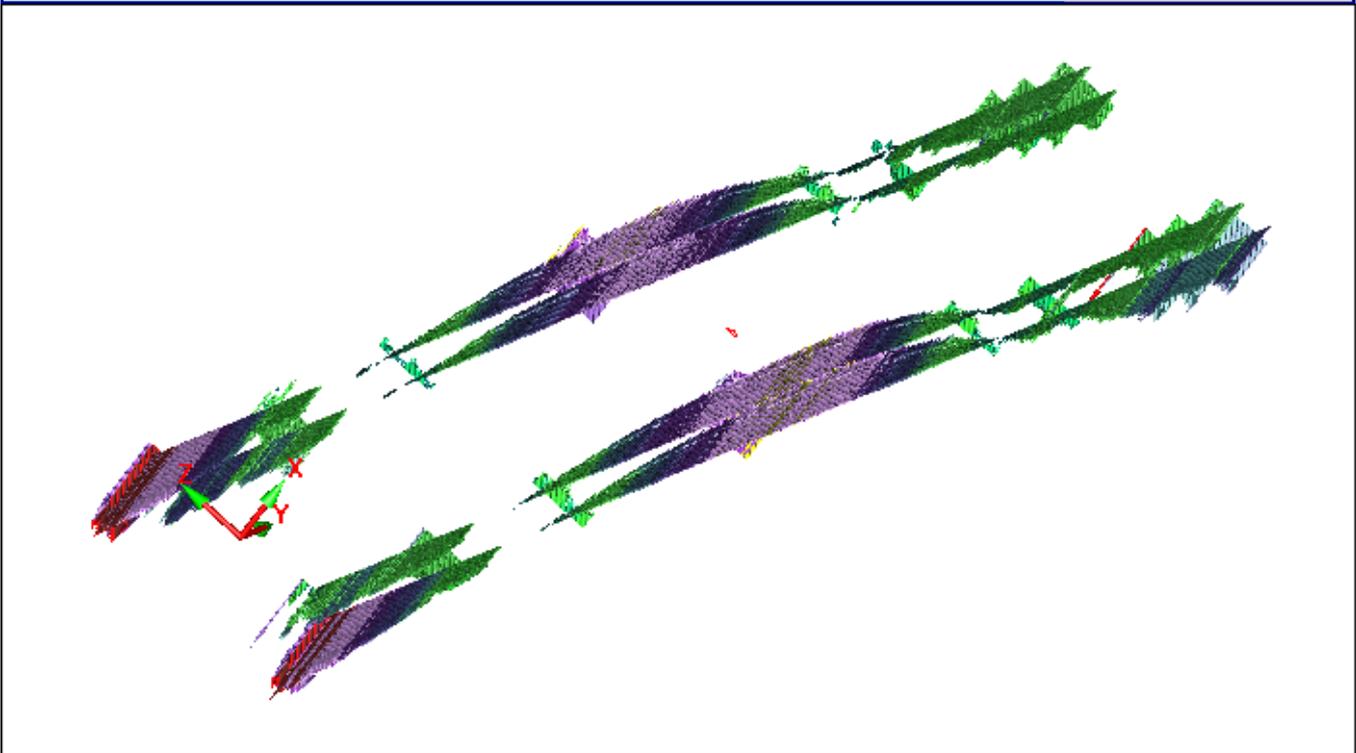
Flatness of constructed plane from all Parting Plane cross sections. x200

	MM	FLAT2 - PLNC_PP_LENGTH		
AX	MEAS	+TOL	-TOL	OUTTOL
M	0.430	0.400	0.000	0.030



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

□		MM	FLAT3 - PLNC_PP_ALL		
AX	MEAS	+TOL	-TOL	OUTTOL	
M	0.439	0.400	0.000	0.039	



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

∩		MM	PROF181 - SCNSET_PP_X FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.469	0.230	-0.239		

∩		MM	PROF182 - SCNSET_PP_LENGTH FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.467	0.232	-0.235		

∩		MM	PROF183 - SCNSET_PP_ALL FORMANDLOCATION		
AX	MEAS	MAX	MIN		
M	0.471	0.232	-0.239		

WIDTH AT CROSS SECTION #1 at 10.952

←→		MM	DIST1 - HPTC_X_1P TO HPTC_X_1N (ZAXIS)		
AX		NOMINAL	MEAS	DEV	
M		121.454	121.353	-0.101	

WIDTH AT CROSS SECTION #2 at 143.396

←→		MM	DIST2 - HPTC_X_2P TO HPTC_X_2N (ZAXIS)		
AX		NOMINAL	MEAS	DEV	
M		121.454	121.315	-0.139	

WIDTH AT CROSS SECTION #3 at 262.358

←→		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 440.504

←→		MM	DIST4 - HPTC_X_4P TO HPTC_X_4N (ZAXIS)		
AX		NOMINAL	MEAS	DEV	
M		121.454	121.331	-0.123	

WIDTH AT CROSS SECTION #5 at 711.054

←→		MM	DIST5 - HPTC_X_5P TO HPTC_X_5N (ZAXIS)		
AX		NOMINAL	MEAS	DEV	
M		121.454	121.278	-0.176	

WIDTH AT CROSS SECTION #6 at 805.278

←→		MM	DIST6 - HPTC_X_6P TO HPTC_X_6N (ZAXIS)		
AX		NOMINAL	MEAS	DEV	
M		121.454	121.314	-0.140	

WIDTH AT CROSS SECTION #7 at 931.461

←→		MM	DIST7 - HPTC_X_7P TO HPTC_X_7N (ZAXIS)		
AX		NOMINAL	MEAS	DEV	
M		121.454	121.354	-0.100	

WIDTH AT CROSS SECTION #8 at 966.143

←→		MM	DIST8 - HPTC_X_8P TO HPTC_X_8N (ZAXIS)		
AX		NOMINAL	MEAS	DEV	
M		121.454	121.407	-0.047	

WIDTH AT CROSS SECTION #9 at 1009.408

←→		MM	DIST9 - HPTC_X_9P TO HPTC_X_9N (ZAXIS)		
AX		NOMINAL	MEAS	DEV	
M		121.454	121.382	-0.072	