pc-dmis	PART NAME : SQXF Coil		November 13, 2014	15:33
	REV NUMBER :	SER NUMBER :	STATS COUNT :	1

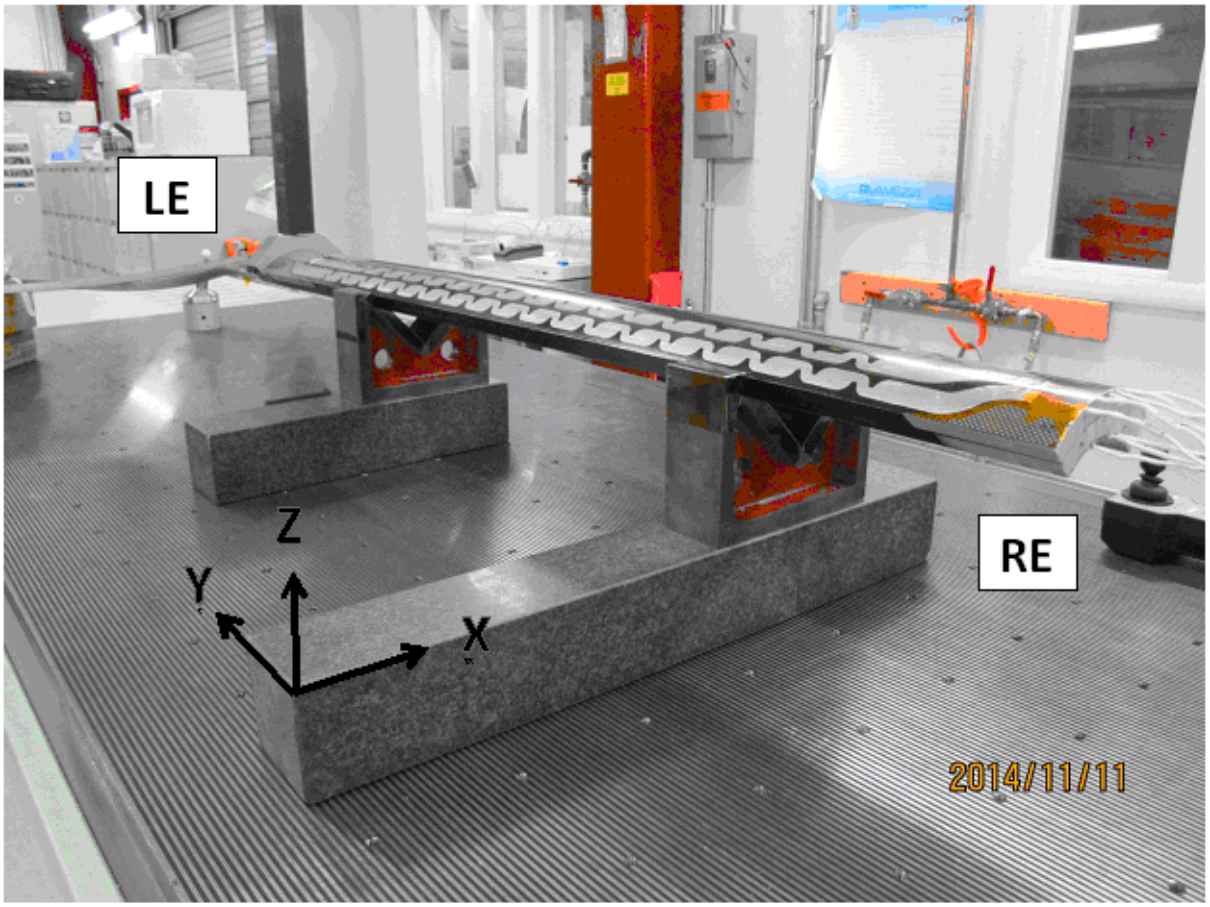
SQXF02 COIL CMM INSPECTION

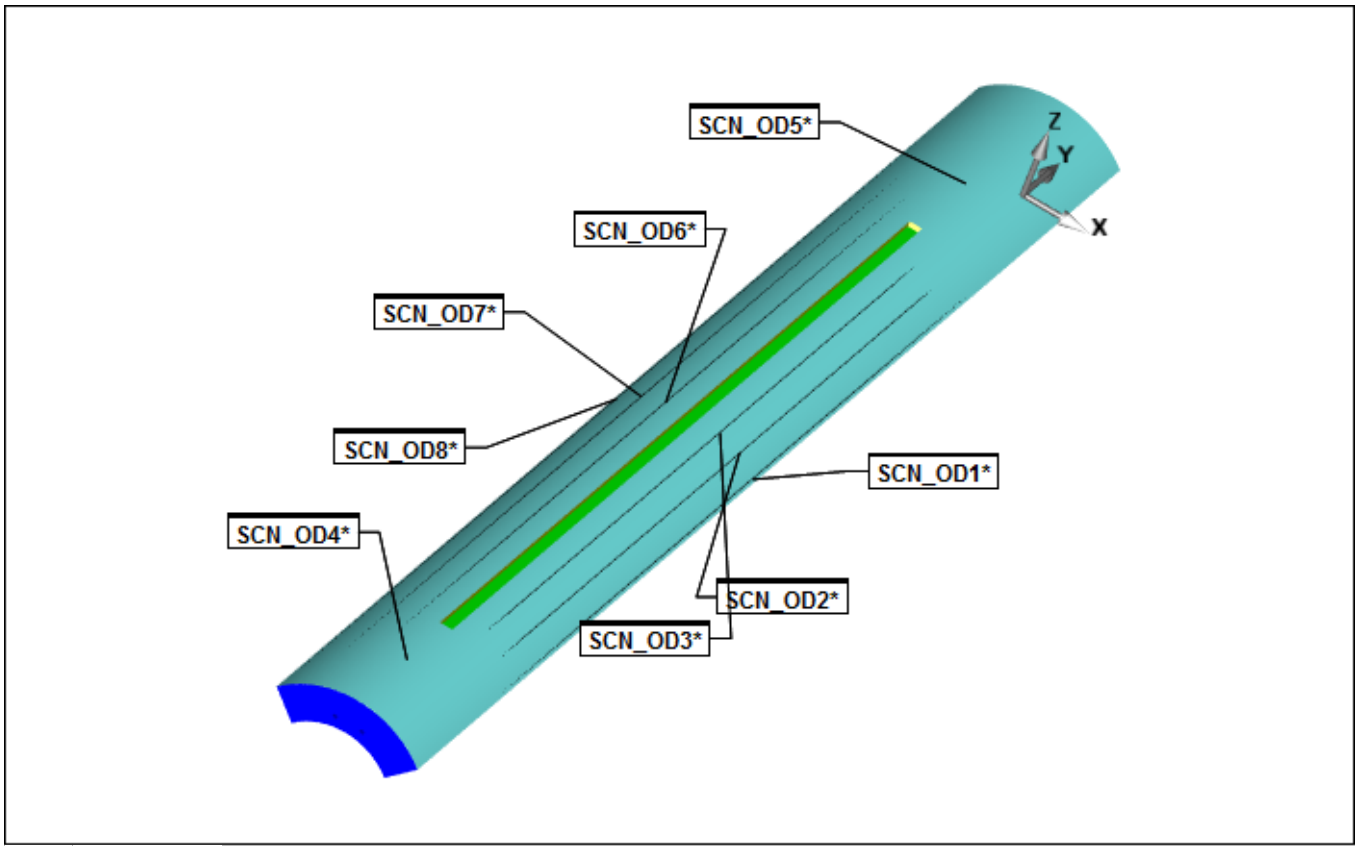
Inspected by: Robert Riley
Date: Nov/11/2014

CAD file dimensions:
O.R. = 113.38
I.R. = 74.75

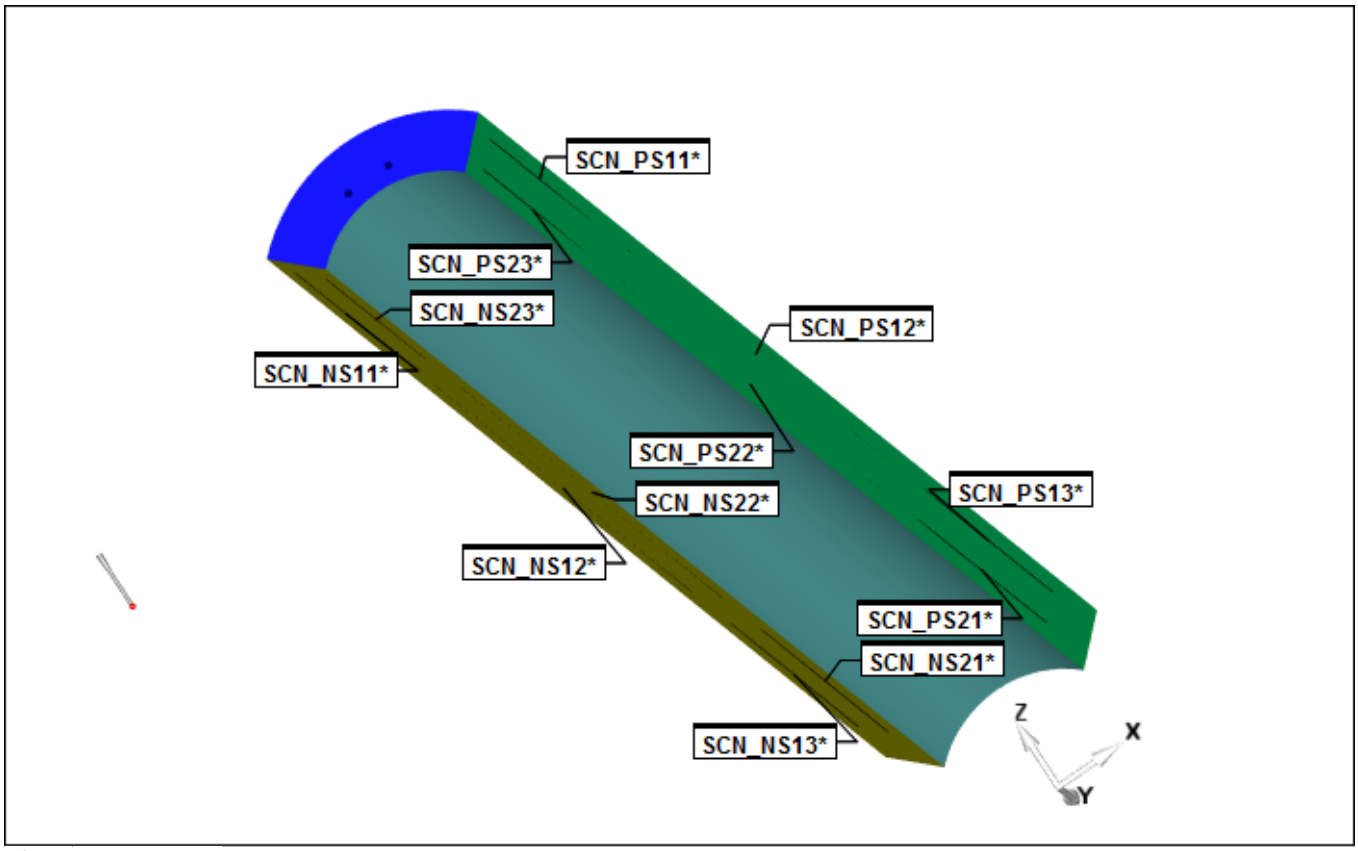
Coil is supported on two "V" blocks. (Which prevents scanning full side parting planes.)

Axis of coil is aligned along -Y- axis of coordinate system. -Y- axis is zeroed at Lead End.
All -Y- coordinates are distance from Lead End, and are signed negative.
-Z- positive is up through the O.D.





O.D. scan labels



Side scan labels

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Profiles of scans along length of coil

	MM	PROF1 - SCN_NS11 FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.229	0.196	-0.032	0.127	0.127	0.069	

	MM	PROF2 - SCN_NS12 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.246	-0.037	-0.246	0.127	0.127	0.119

	MM	PROF3 - SCN_NS13 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.563	0.563	0.098	0.127	0.127	0.436

	MM	PROF4 - SCN_NS21 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.511	0.511	0.074	0.127	0.127	0.384

	MM	PROF5 - SCN_NS22 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.257	-0.062	-0.257	0.127	0.127	0.130

	MM	PROF6 - SCN_NS23 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.201	0.164	-0.037	0.127	0.127	0.037

	MM	PROF7 - SCN_OD1 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.859	0.313	-0.547	0.127	0.127	0.605

	MM	PROF8 - SCN_OD2 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	1.048	0.368	-0.680	0.127	0.127	0.794

	MM	PROF9 - SCN_OD3 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	1.084	0.390	-0.694	0.127	0.127	0.830

	MM	PROF10 - SCN_OD4 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.584	-0.172	-0.584	0.127	0.127	0.457

	MM	PROF11 - SCN_OD5 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.670	-0.200	-0.670	0.127	0.127	0.543

	MM	PROF12 - SCN_OD6 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	1.005	0.389	-0.616	0.127	0.127	0.751

	MM	PROF13 - SCN_OD7 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.910	0.349	-0.562	0.127	0.127	0.656

	MM	PROF14 - SCN_OD8 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.712	0.254	-0.458	0.127	0.127	0.458

	MM	PROF15 - SCN_PS11 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.253	0.222	-0.031	0.127	0.127	0.095

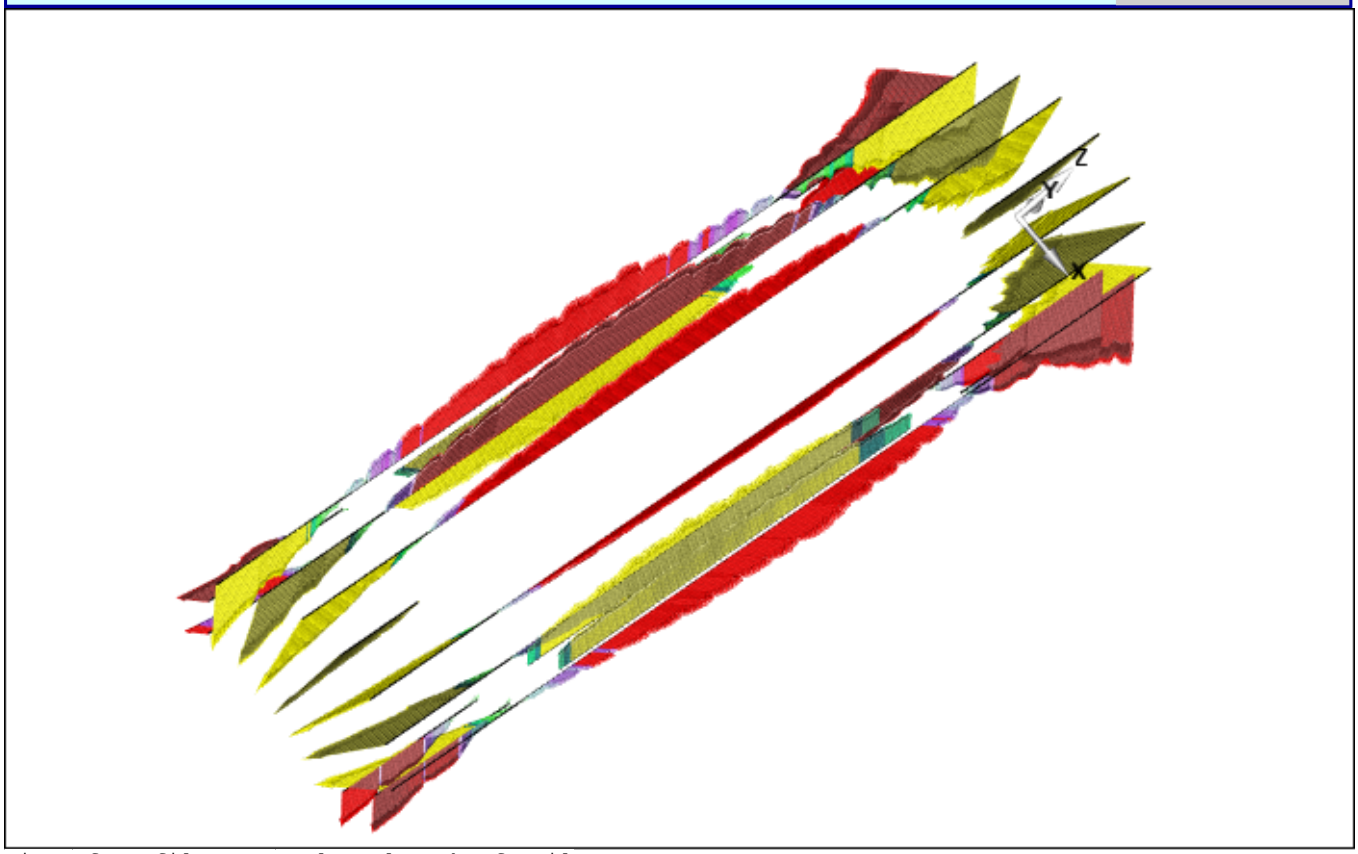
	MM	PROF16 - SCN_PS12 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.215	-0.091	-0.215	0.127	0.127	0.088

	MM	PROF17 - SCN_PS13 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.538	0.538	0.006	0.127	0.127	0.411

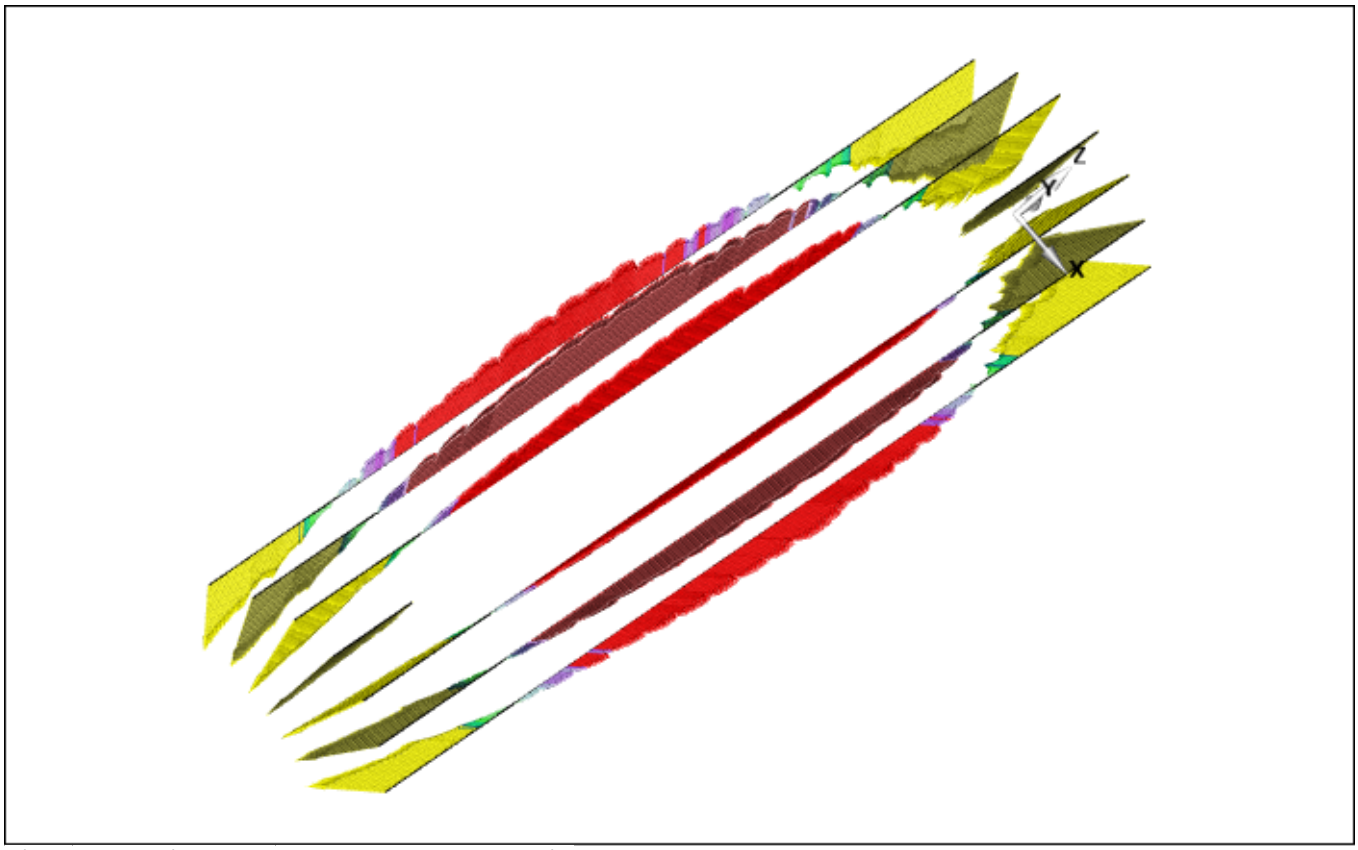
	MM	PROF18 - SCN_PS21 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.518	0.518	0.010	0.127	0.127	0.391

	MM	PROF19 - SCN_PS22 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.231	-0.101	-0.231	0.127	0.127	0.104

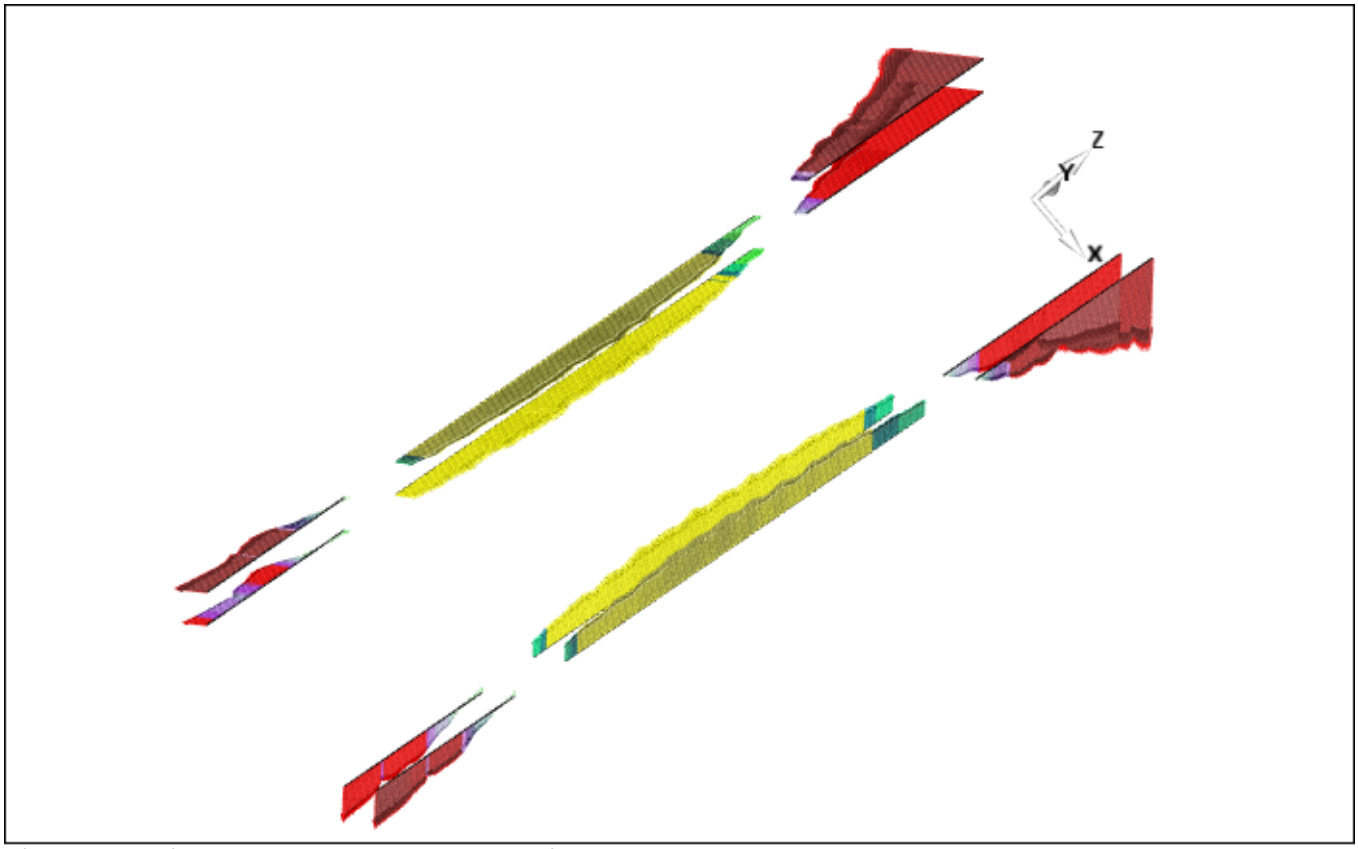
	MM	PROF20 - SCN_PS23 FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.238	0.208	-0.030	0.127	0.127	0.081



View of Profile scans along length of coil
O.D. and Side Planes



View of Profile scans along length of coil
O.D. only



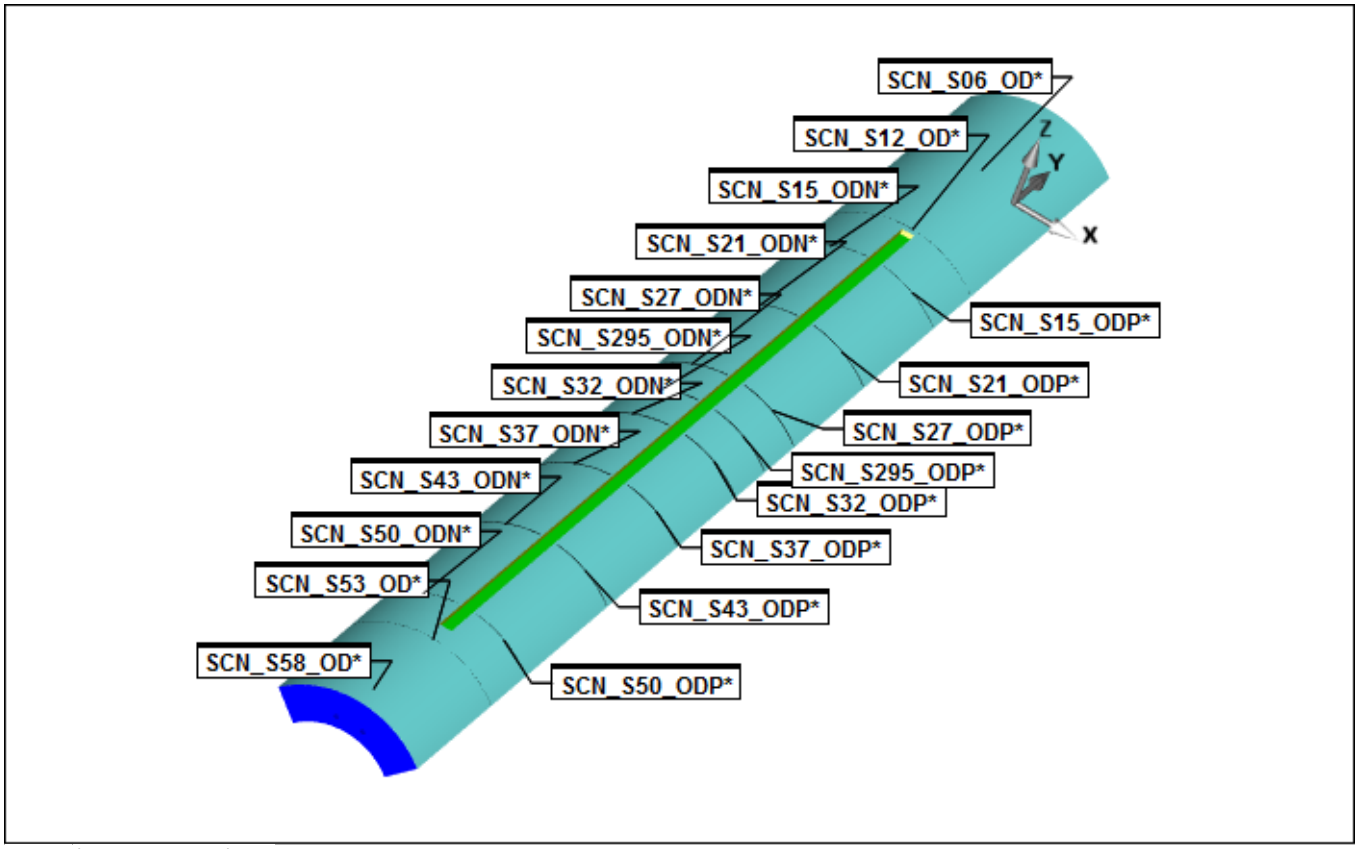
View of Profile scans along length of coil
Side Planes only

Profiles of scans at Cross-Sections of coil

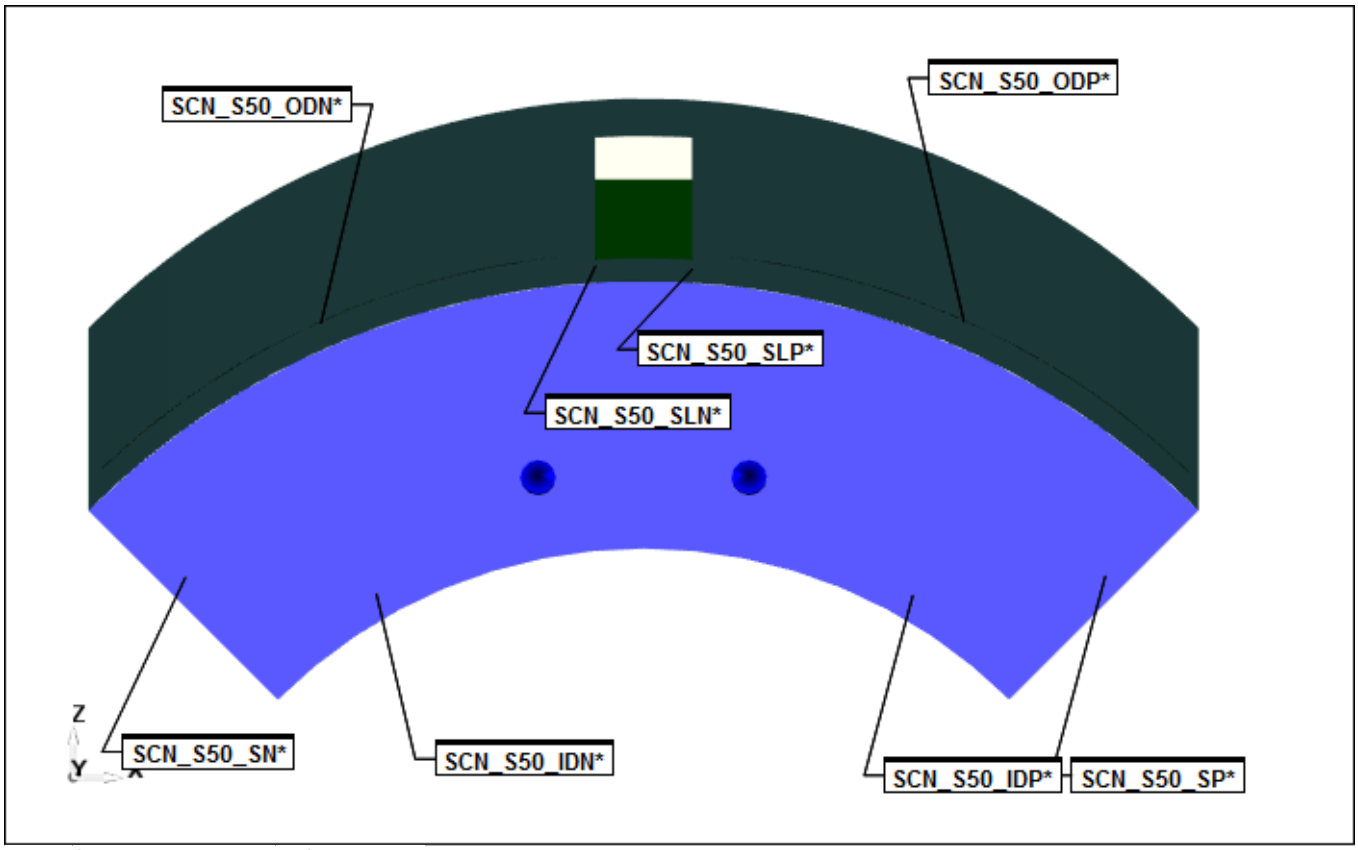
Station Information taked from LBL CMM report:

Glossary of feature name abbreviations:

inches	mm	from Lead End		
Station 06	151		IDP	I.D. Positive
Station 12	303		IDN	I.D. Negative
Station 15	384		SP	Side Positive
Station 21	536		SN	Side Negative
Station 27	688		ODP	O.D. Positive
Station 29.5	752		ODN	O.D. Negative
Station 32	816		SLP	Slot Positive
Station 37	943		SLN	Slot Negative
Station 43	1096		PTSD	Point Slot Depth
Station 50	1273			
Station 53	1349			
Station 58	1477			



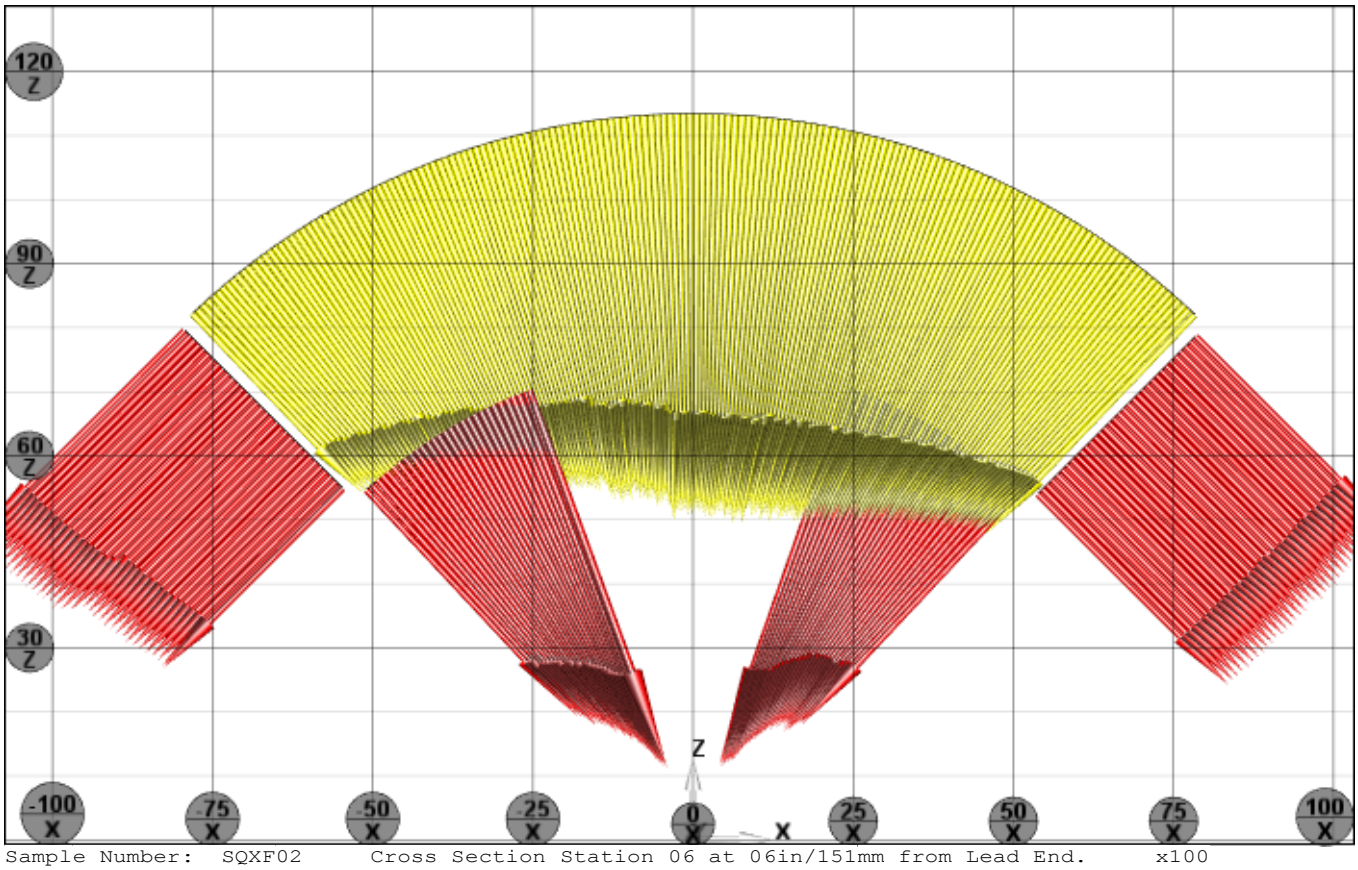
Labeling of Stations



Labeling of Cross-Section scans

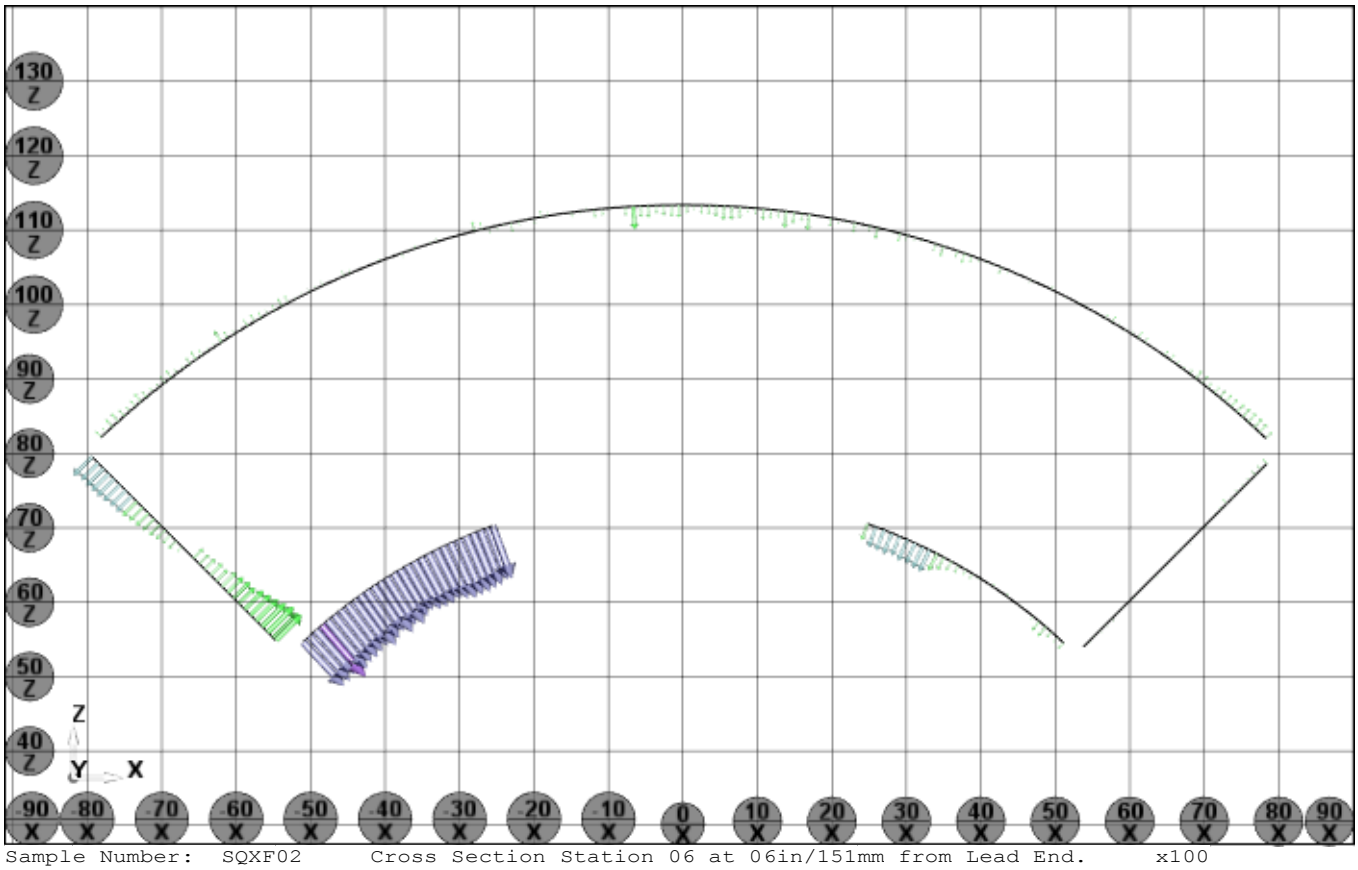
========== CROSS SECTION at STATION 06 at 06 inches/151mm from LEAD END FULL O.D. ==========

	MM	PROF21 - SCN_S06_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.624	0.624	0.501	0.127	0.127	0.497	
	MM	PROF22 - SCN_S06_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.430	0.430	0.420	0.127	0.127	0.303	
	MM	PROF23 - SCN_S06_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.637	-0.385	-0.637	0.127	0.127	0.510	
	MM	PROF24 - SCN_S06_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.464	0.464	0.394	0.127	0.127	0.337	
	MM	PROF25 - SCN_S06_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.626	0.626	0.482	0.127	0.127	0.499	



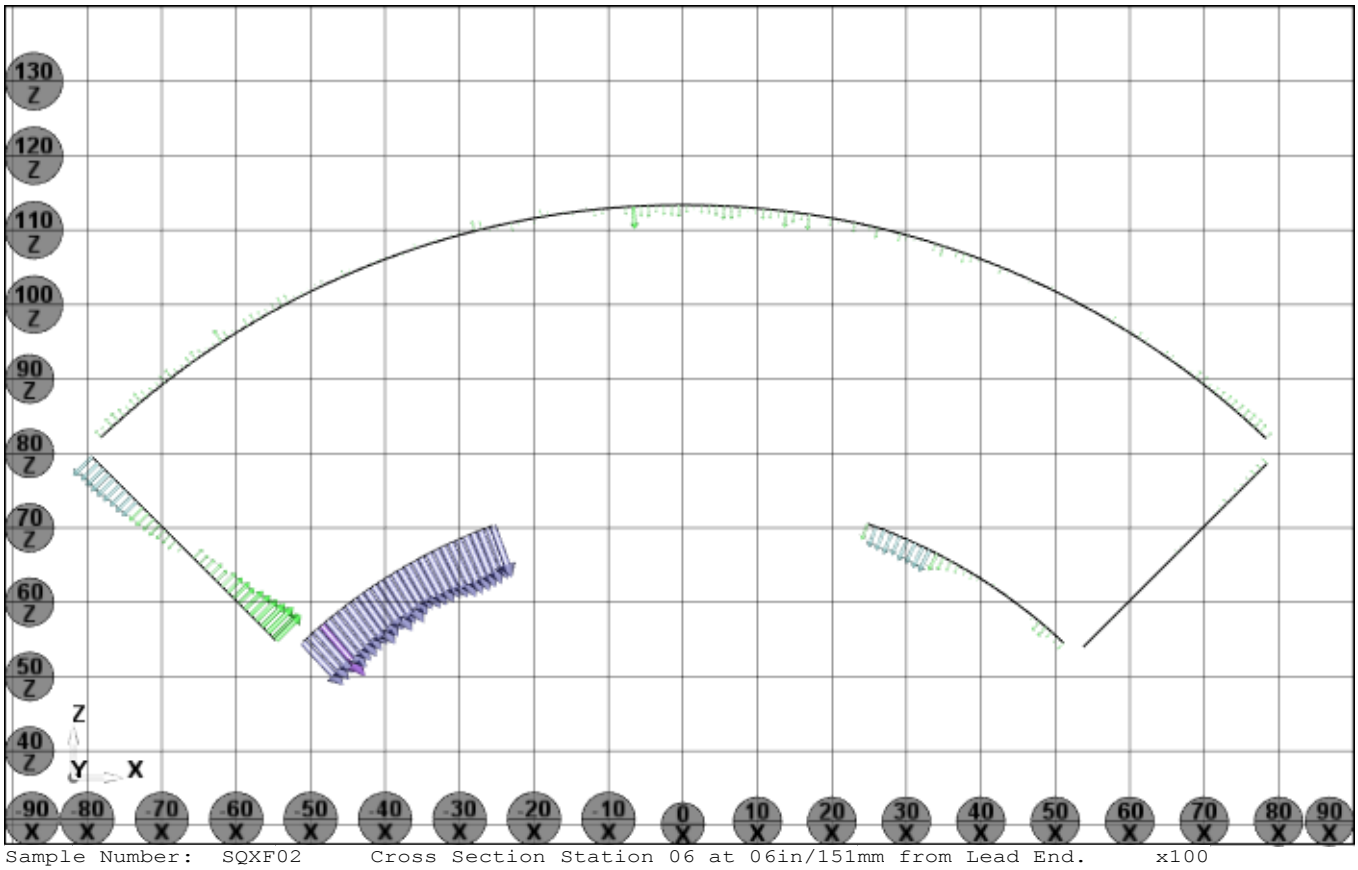
Sample Number: SQXF02 Cross Section Station 06 at 06in/151mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF26 - SCN_S06_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.038	0.033	-0.005	0.127	0.127	0.000	
	MM	PROF27 - SCN_S06_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.013	0.004	-0.009	0.127	0.127	0.000	
	MM	PROF28 - SCN_S06_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.050	0.018	-0.031	0.127	0.127	0.000	
	MM	PROF29 - SCN_S06_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.085	0.036	-0.050	0.127	0.127	0.000	
	MM	PROF30 - SCN_S06_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.091	0.091	0.069	0.127	0.127	0.000	



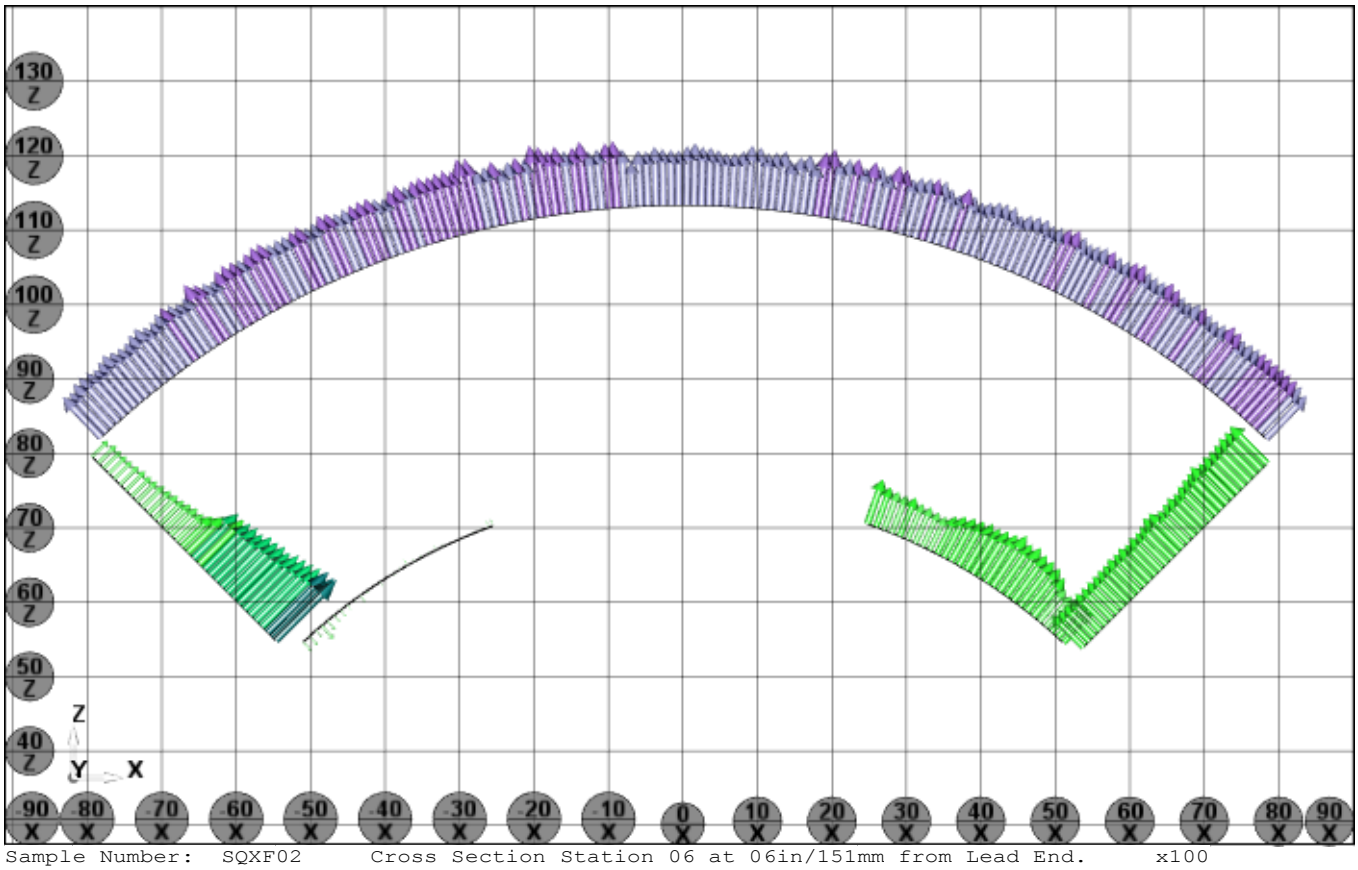
Sample Number: SQXF02 Cross Section Station 06 at 06in/151mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF273 - SCN_S06_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.038	0.033	-0.005	0.127	0.127	0.000	
	MM	PROF274 - SCN_S06_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.013	0.003	-0.010	0.127	0.127	0.000	
	MM	PROF275 - SCN_S06_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.050	0.020	-0.031	0.127	0.127	0.000	
	MM	PROF276 - SCN_S06_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.085	0.037	-0.049	0.127	0.127	0.000	
	MM	PROF277 - SCN_S06_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.090	0.090	0.068	0.127	0.127	0.000	



Sample Number: SQXF02 Cross Section Station 06 at 06in/151mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	1 - CIRC06					
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL	
X	0.000	0.000	0.000	0.000	0.000	0.000	
Y	-150.994	-151.005	-0.011	0.100	0.100	0.000	
Z	0.000	0.000	0.000	0.000	0.000	0.000	
R	113.380	113.462	0.082	0.127	0.127	0.000	
RN	0.000	0.042	0.042	0.127	0.000	0.000	
	MM	PROF73 - SCN_S06_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.082	-0.050	-0.082	0.127	0.127	0.000	
	MM	PROF74 - SCN_S06_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.071	-0.058	-0.071	0.127	0.127	0.000	
	MM	PROF75 - SCN_S06_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.101	0.101	0.059	0.127	0.127	0.000	
	MM	PROF76 - SCN_S06_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.116	-0.031	-0.116	0.127	0.127	0.000	
	MM	PROF77 - SCN_S06_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.034	0.025	-0.009	0.127	0.127	0.000	



Sample Number: SQXF02 Cross Section Station 06 at 06in/151mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

========== CROSS SECTION at STATION 12 at 12 inches/303mm from LEAD END FULL O.D. ==========

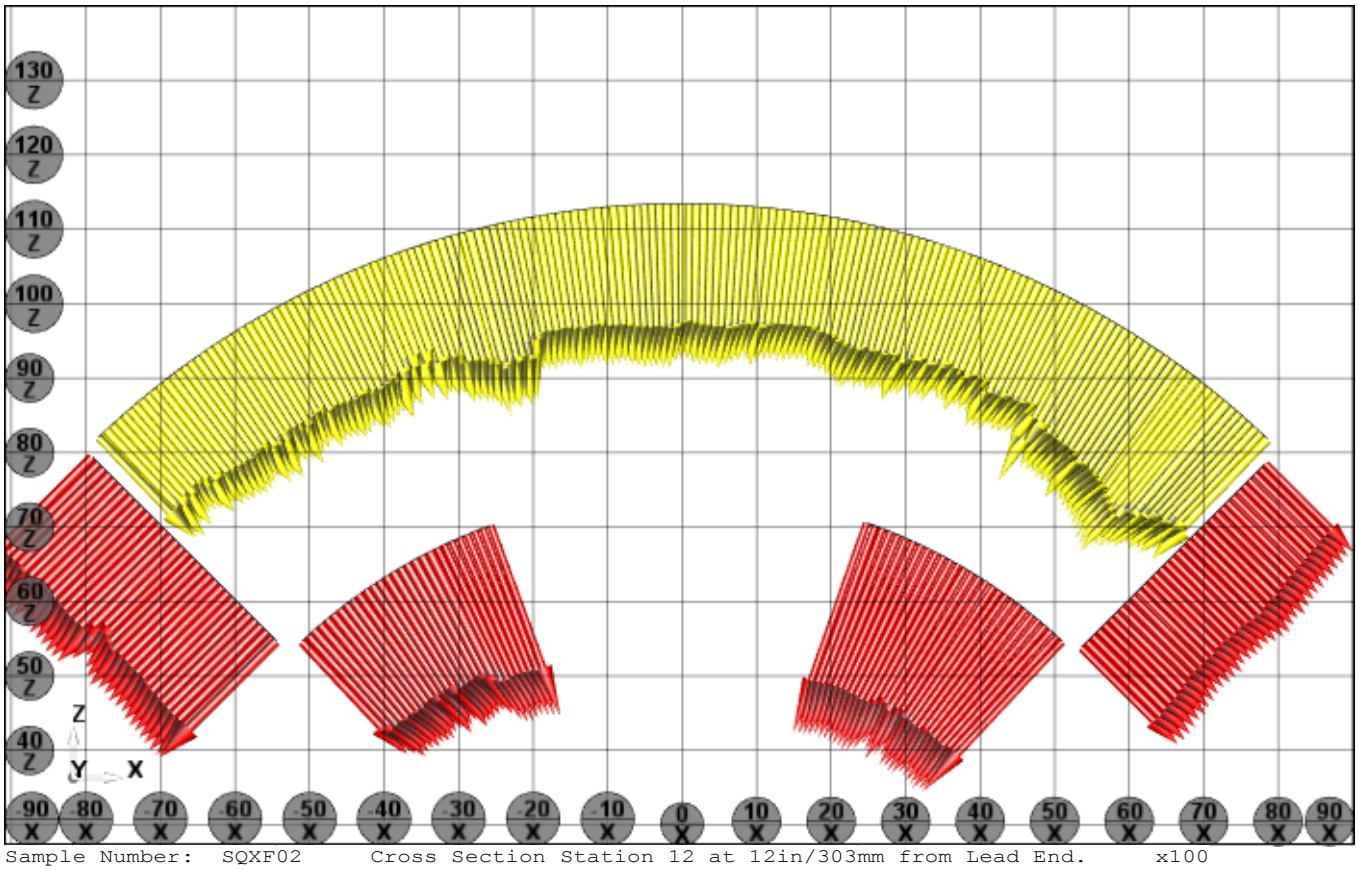
	MM	PROF31 - SCN_S12_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.299	0.299	0.273	0.127	0.127	0.172	

	MM	PROF32 - SCN_S12_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.186	0.186	0.166	0.127	0.127	0.059	

	MM	PROF33 - SCN_S12_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.282	-0.176	-0.282	0.127	0.127	0.155	

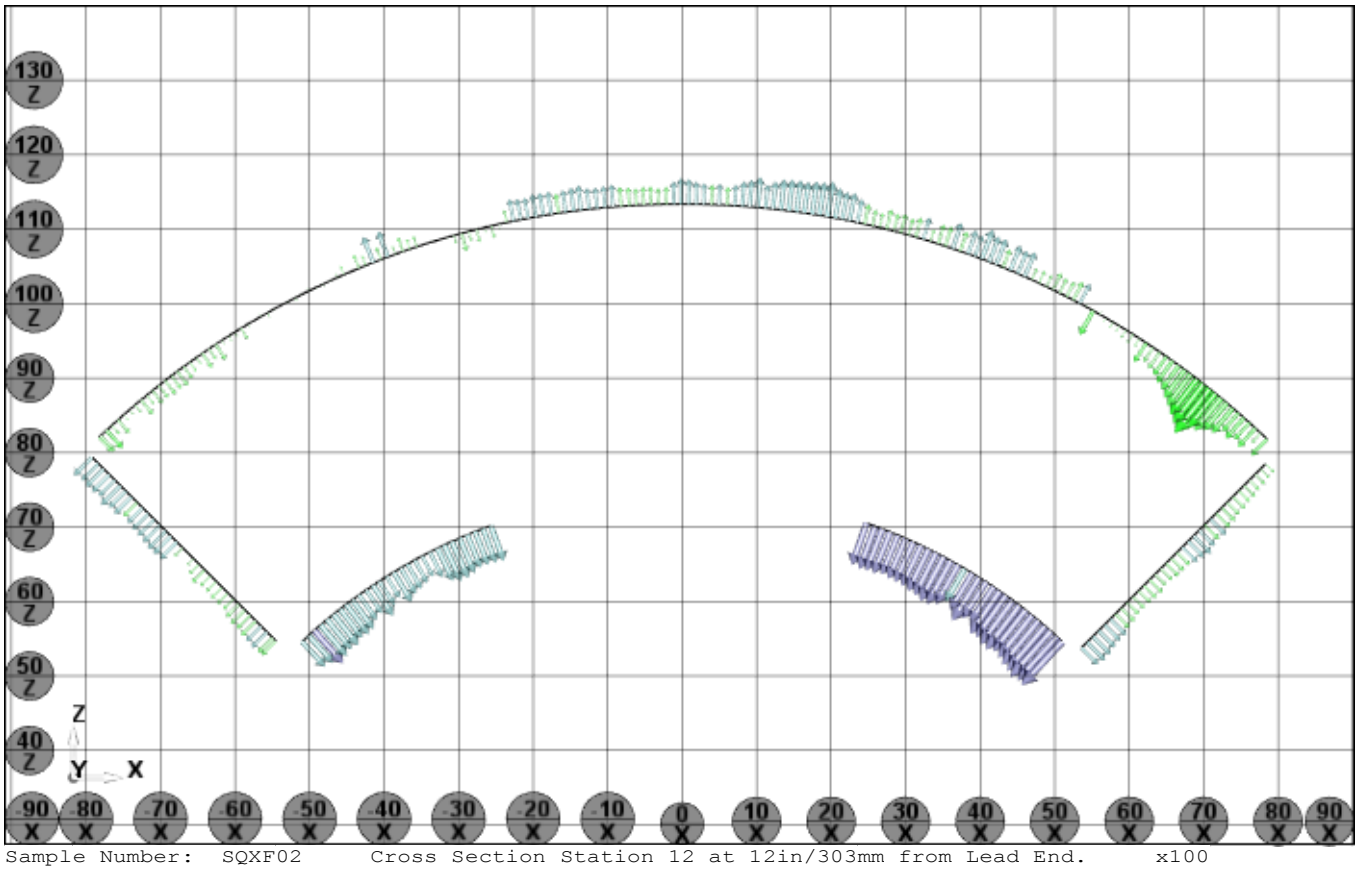
	MM	PROF34 - SCN_S12_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.232	0.232	0.195	0.127	0.127	0.105	

	MM	PROF35 - SCN_S12_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.271	0.271	0.207	0.127	0.127	0.144	



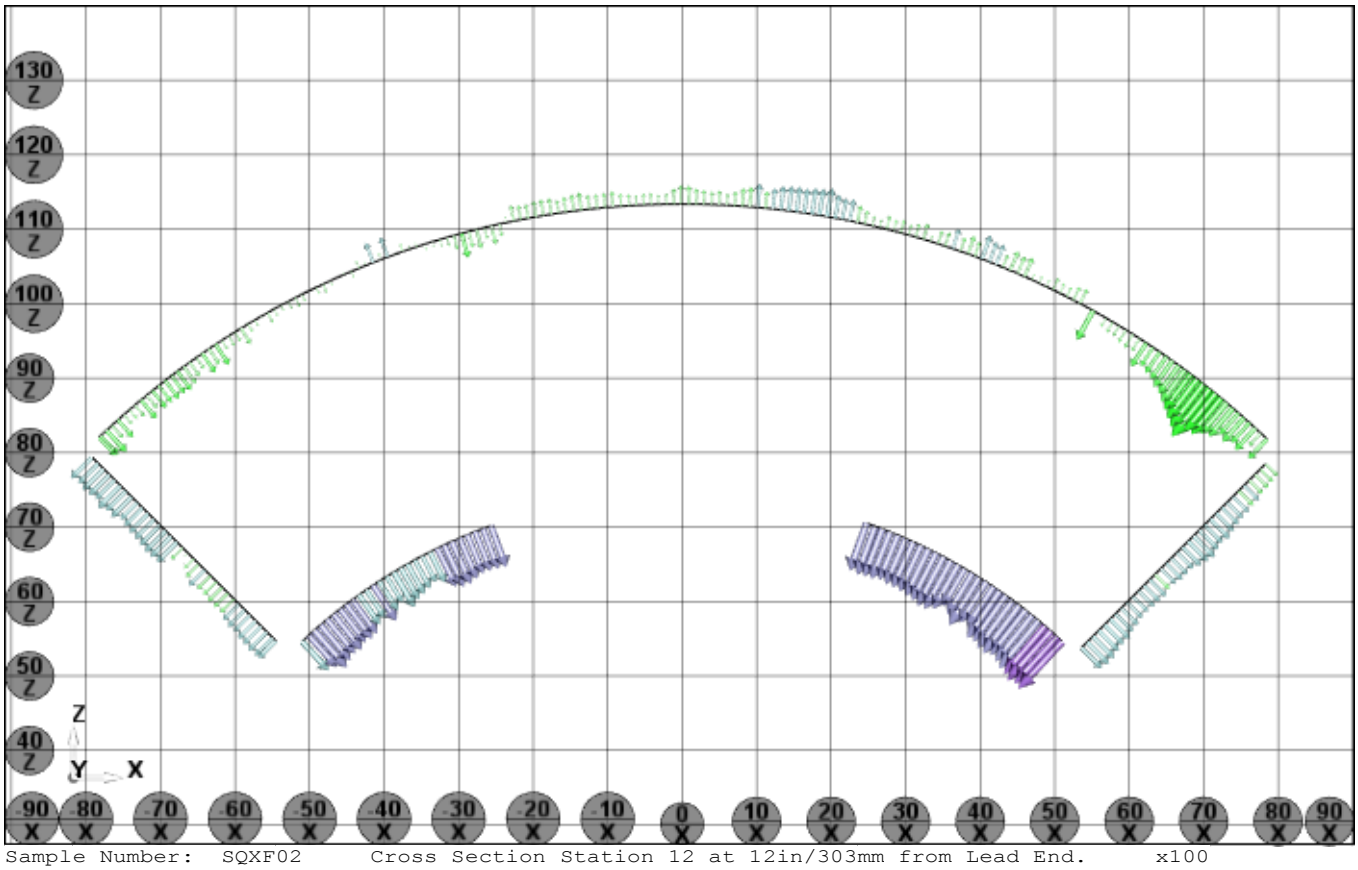
Sample Number: SQXF02 Cross Section Station 12 at 12in/303mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF36 - SCN_S12_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.083	0.083	0.051	0.127	0.127	0.000	
	MM	PROF37 - SCN_S12_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.035	0.035	0.016	0.127	0.127	0.000	
	MM	PROF38 - SCN_S12_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.124	0.048	-0.076	0.127	0.127	0.000	
	MM	PROF39 - SCN_S12_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.037	0.037	0.001	0.127	0.127	0.000	
	MM	PROF40 - SCN_S12_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.059	0.059	0.031	0.127	0.127	0.000	



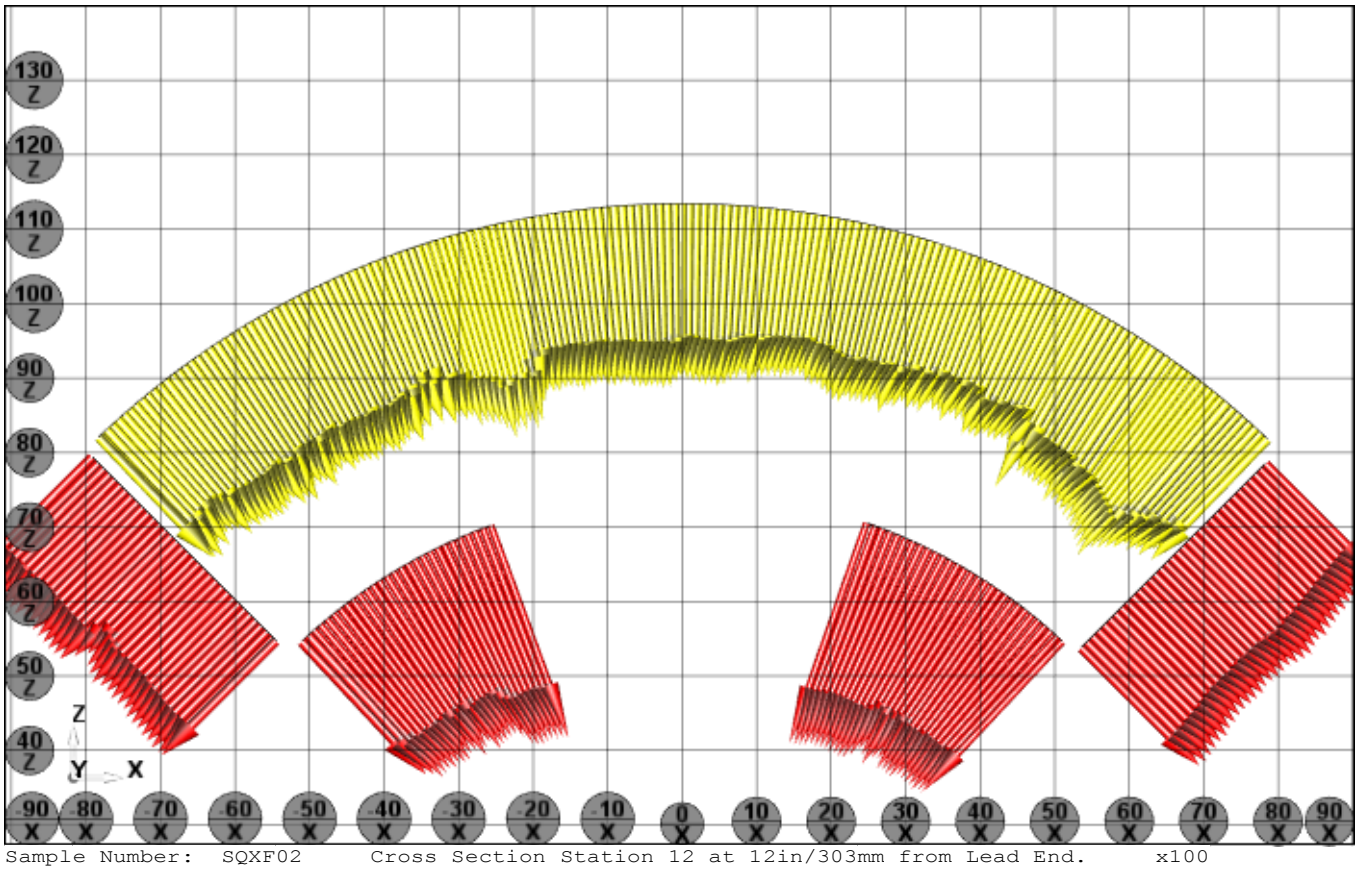
Sample Number: SQXF02 Cross Section Station 12 at 12in/303mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF278 - SCN_S12_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.089	0.089	0.058	0.127	0.127	0.000	
	MM	PROF279 - SCN_S12_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.042	0.042	0.023	0.127	0.127	0.000	
	MM	PROF280 - SCN_S12_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.122	0.039	-0.082	0.127	0.127	0.000	
	MM	PROF281 - SCN_S12_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.043	0.043	0.007	0.127	0.127	0.000	
	MM	PROF282 - SCN_S12_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.066	0.066	0.040	0.127	0.127	0.000	



Sample Number: SQXF02 Cross Section Station 12 at 12in/303mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

⌖	MM	3 - CIRC12					
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL	
X	0.000	0.000	0.000	0.000	0.000	0.000	
Y	-302.998	-302.987	0.011	0.100	0.100	0.000	
Z	0.000	0.000	0.000	0.000	0.000	0.000	
R	113.380	113.143	-0.237	0.127	0.127	0.110	
RN	0.000	0.078	0.078	0.127	0.000	0.000	
⌓	MM	PROF78 - SCN_S12_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.314	0.314	0.277	0.127	0.127	0.187	
⌓	MM	PROF79 - SCN_S12_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.226	0.226	0.208	0.127	0.127	0.099	
⌓	MM	PROF80 - SCN_S12_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.286	-0.207	-0.286	0.127	0.127	0.159	
⌓	MM	PROF81 - SCN_S12_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.226	0.226	0.190	0.127	0.127	0.099	
⌓	MM	PROF82 - SCN_S12_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.304	0.304	0.244	0.127	0.127	0.177	



Sample Number: SQXF02 Cross Section Station 12 at 12in/303mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 15 at 15 inches/384mm from LEAD END SLOTTED O.D. ========

	MM	PROF41 - SCN_S15_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.163	0.163	0.117	0.127	0.127	0.036

	MM	PROF42 - SCN_S15_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.089	0.089	0.066	0.127	0.127	0.000

	MM	PROF43 - SCN_S15_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.095	0.001	-0.094	0.127	0.127	0.000

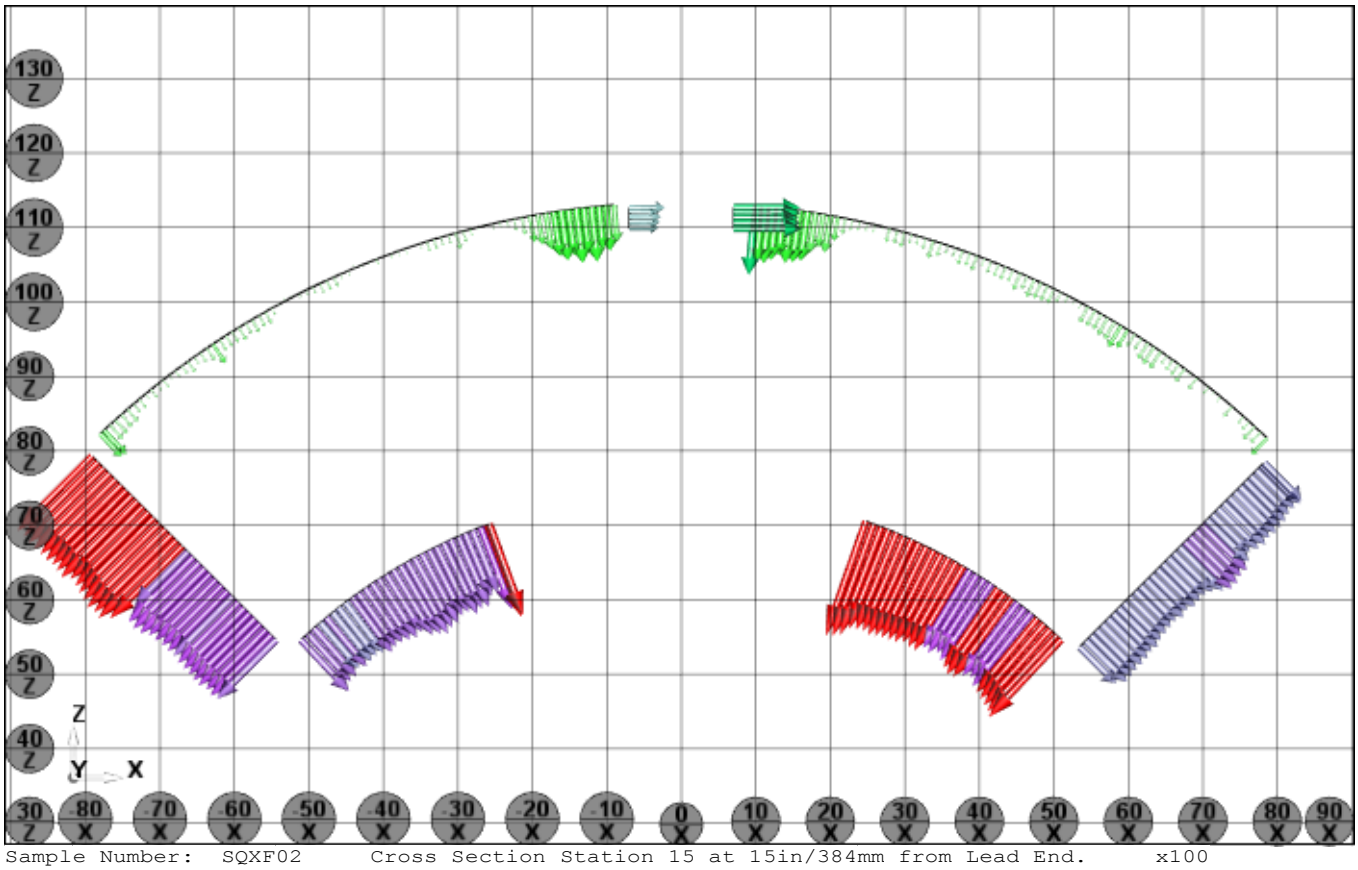
	MM	PROF44 - SCN_S15_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.092	-0.087	-0.092	0.127	0.127	0.000

	MM	PROF45 - SCN_S15_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.048	0.048	0.037	0.127	0.127	0.000

	MM	PROF46 - SCN_S15_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.078	0.004	-0.074	0.127	0.127	0.000

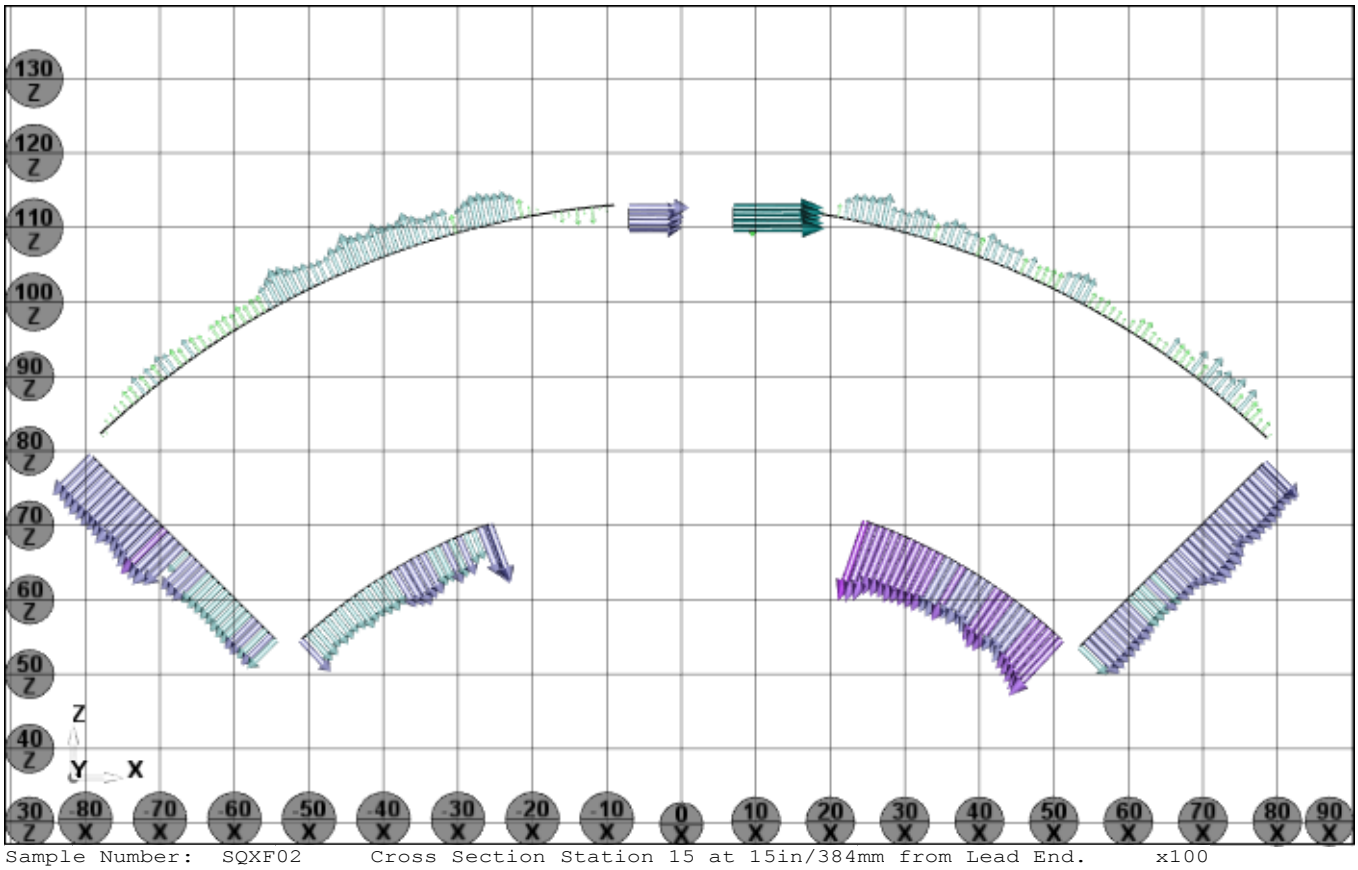
	MM	PROF47 - SCN_S15_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.149	0.149	0.101	0.127	0.127	0.022

	MM	PROF48 - SCN_S15_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.132	0.132	0.080	0.127	0.127	0.005



Sample Number: SQXF02 Cross Section Station 15 at 15in/384mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

⌓	MM	PROF49 - SCN_S15_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.113	0.113	0.073	0.127	0.127	0.000	
⌓	MM	PROF50 - SCN_S15_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.079	0.079	0.054	0.127	0.127	0.000	
⌓	MM	PROF51 - SCN_S15_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.089	0.046	-0.042	0.127	0.127	0.000	
⌓	MM	PROF52 - SCN_S15_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.123	-0.119	-0.123	0.127	0.127	0.000	
⌓	MM	PROF53 - SCN_S15_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.081	0.081	0.069	0.127	0.127	0.000	
⌓	MM	PROF54 - SCN_S15_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.074	0.051	-0.023	0.127	0.127	0.000	
⌓	MM	PROF55 - SCN_S15_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.085	0.085	0.038	0.127	0.127	0.000	
⌓	MM	PROF56 - SCN_S15_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.084	0.084	0.042	0.127	0.127	0.000	



Sample Number: SQXF02 Cross Section Station 15 at 15in/384mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF283 - SCN_S15_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.138	0.138	0.095	0.127	0.127	0.011	

	MM	PROF284 - SCN_S15_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.098	0.098	0.072	0.127	0.127	0.000	

	MM	PROF285 - SCN_S15_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.091	0.023	-0.068	0.127	0.127	0.000	

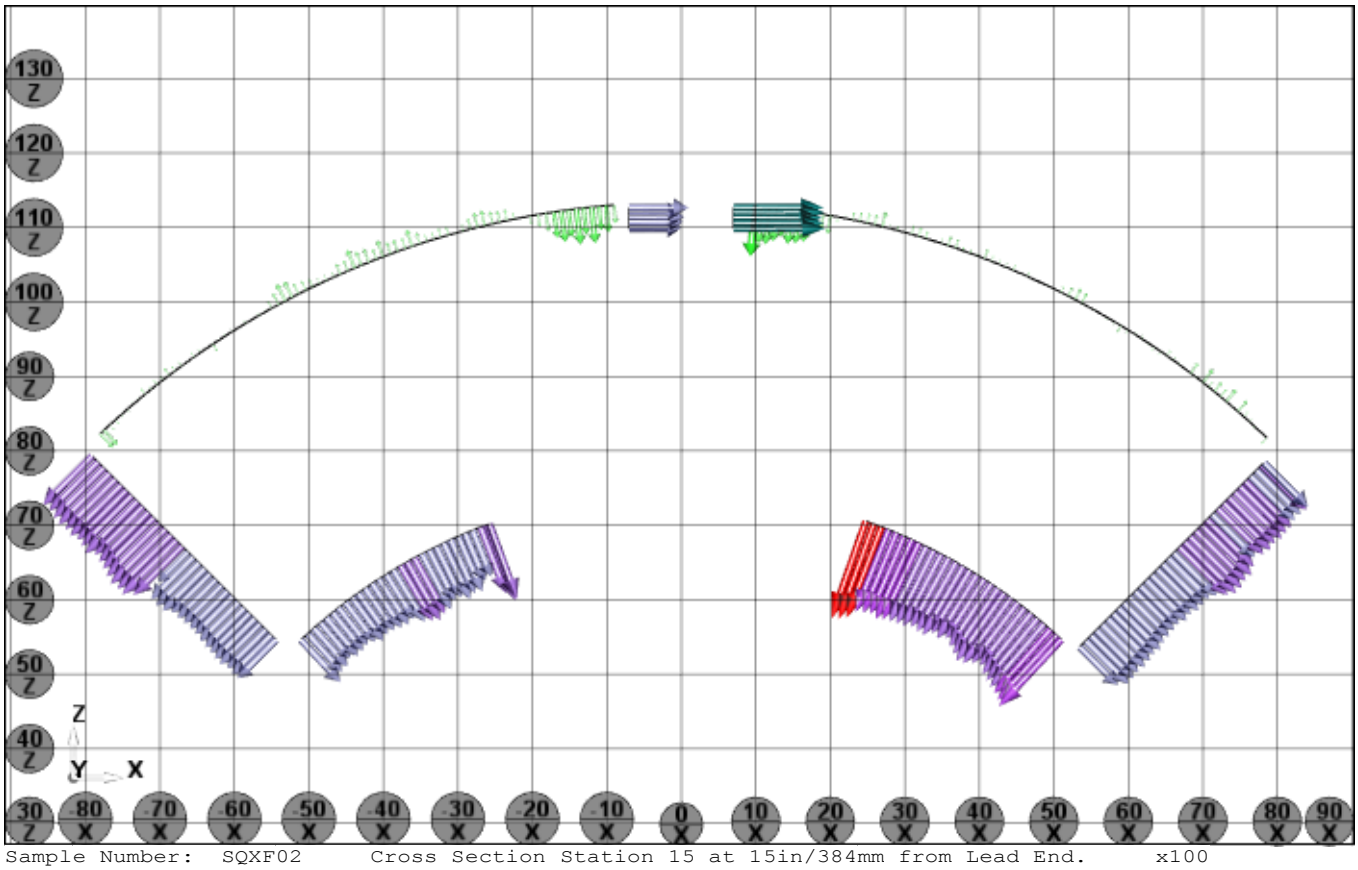
	MM	PROF286 - SCN_S15_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.123	-0.119	-0.123	0.127	0.127	0.000	

	MM	PROF287 - SCN_S15_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.080	0.080	0.069	0.127	0.127	0.000	

	MM	PROF288 - SCN_S15_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.075	0.027	-0.049	0.127	0.127	0.000	

	MM	PROF289 - SCN_S15_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.104	0.104	0.057	0.127	0.127	0.000	

	MM	PROF290 - SCN_S15_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.109	0.109	0.062	0.127	0.127	0.000	

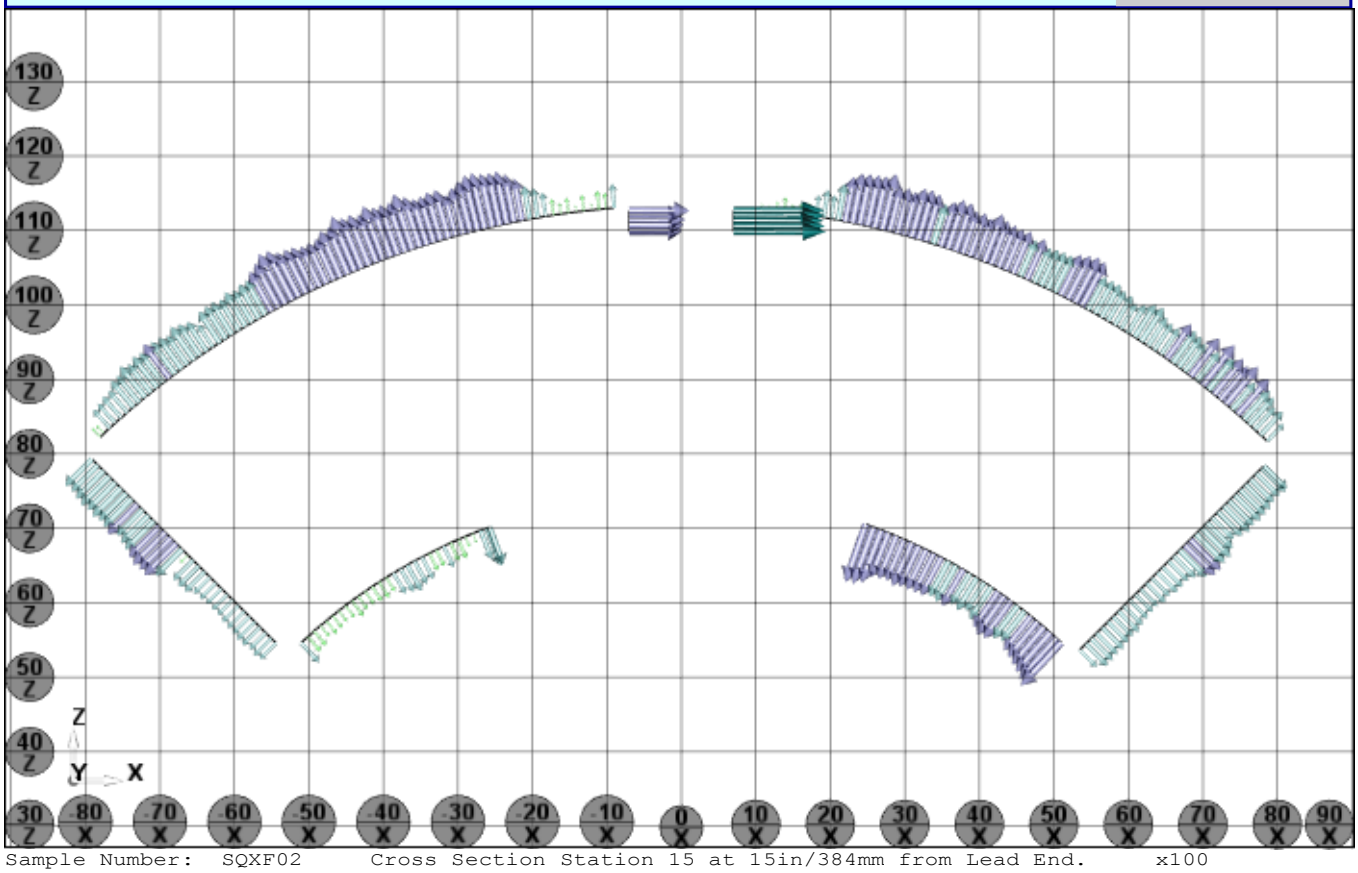


Sample Number: SQXF02 Cross Section Station 15 at 15in/384mm from Lead End. x100
Alignment is: this Cross-Section only -Z- is O.D. & -X- is Sides

⌖	MM	4 - CIRC15					
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL	
X	0.000	0.000	0.000	0.000	0.000	0.000	
Y	-384.000	-384.003	-0.003	0.100	0.100	0.000	
Z	0.000	0.000	0.000	0.000	0.000	0.000	
R	113.380	113.432	0.052	0.127	0.127	0.000	
RN	0.000	0.090	0.090	0.127	0.000	0.000	
⌓	MM	PROF83 - SCN_S15_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.083	0.083	0.045	0.127	0.127	0.000	
⌓	MM	PROF84 - SCN_S15_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.058	0.058	0.032	0.127	0.127	0.000	
⌓	MM	PROF85 - SCN_S15_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.088	0.077	-0.011	0.127	0.127	0.000	
⌓	MM	PROF86 - SCN_S15_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.124	-0.120	-0.124	0.127	0.127	0.000	
⌓	MM	PROF87 - SCN_S15_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.081	0.081	0.070	0.127	0.127	0.000	
⌓	MM	PROF88 - SCN_S15_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.080	0.080	0.009	0.127	0.127	0.000	

	MM	PROF89 - SCN_S15_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.062	0.062	0.015	0.127	0.127	0.000

	MM	PROF90 - SCN_S15_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.055	0.055	0.013	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 15 at 15in/384mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 21 at 21 inches/536mm from LEAD END SLOTTED O.D. ========

	MM	PROF57 - SCN_S21_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.116	-0.040	-0.116	0.127	0.127	0.000

	MM	PROF58 - SCN_S21_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.132	-0.078	-0.132	0.127	0.127	0.005

	MM	PROF59 - SCN_S21_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.269	0.269	0.169	0.127	0.127	0.142

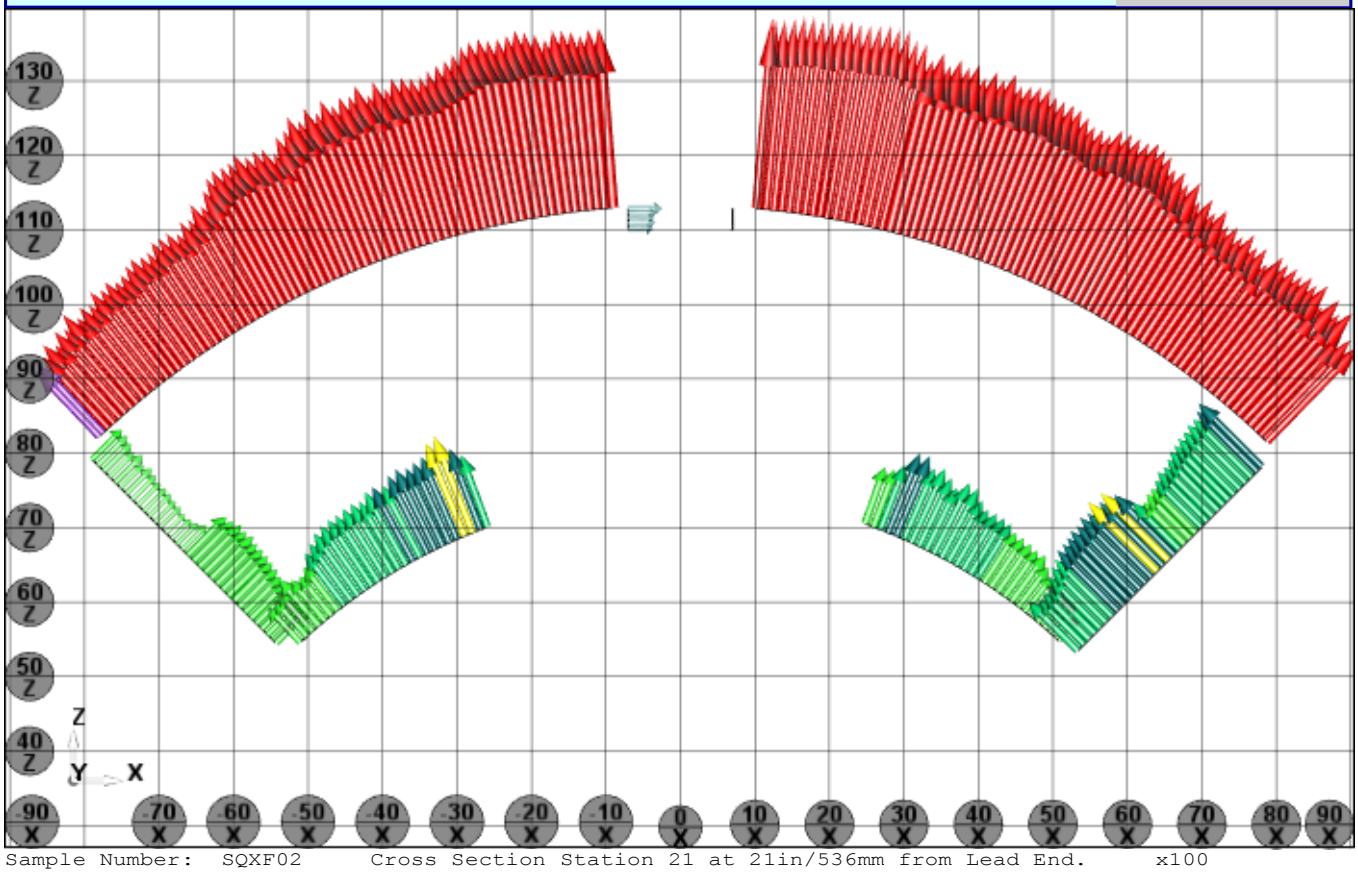
	MM	PROF60 - SCN_S21_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.009	0.004	-0.004	0.127	0.127	0.000

	MM	PROF61 - SCN_S21_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.046	0.046	0.033	0.127	0.127	0.000

	MM	PROF62 - SCN_S21_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.252	0.252	0.120	0.127	0.127	0.125

	MM	PROF63 - SCN_S21_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.080	-0.037	-0.080	0.127	0.127	0.000

	MM	PROF64 - SCN_S21_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.140	-0.063	-0.140	0.127	0.127	0.013



Sample Number: SQXF02 Cross Section Station 21 at 21in/536mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF65 - SCN_S21_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.144	0.144	0.096	0.127	0.127	0.017

	MM	PROF66 - SCN_S21_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.097	0.097	0.041	0.127	0.127	0.000

	MM	PROF67 - SCN_S21_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.067	0.053	-0.014	0.127	0.127	0.000

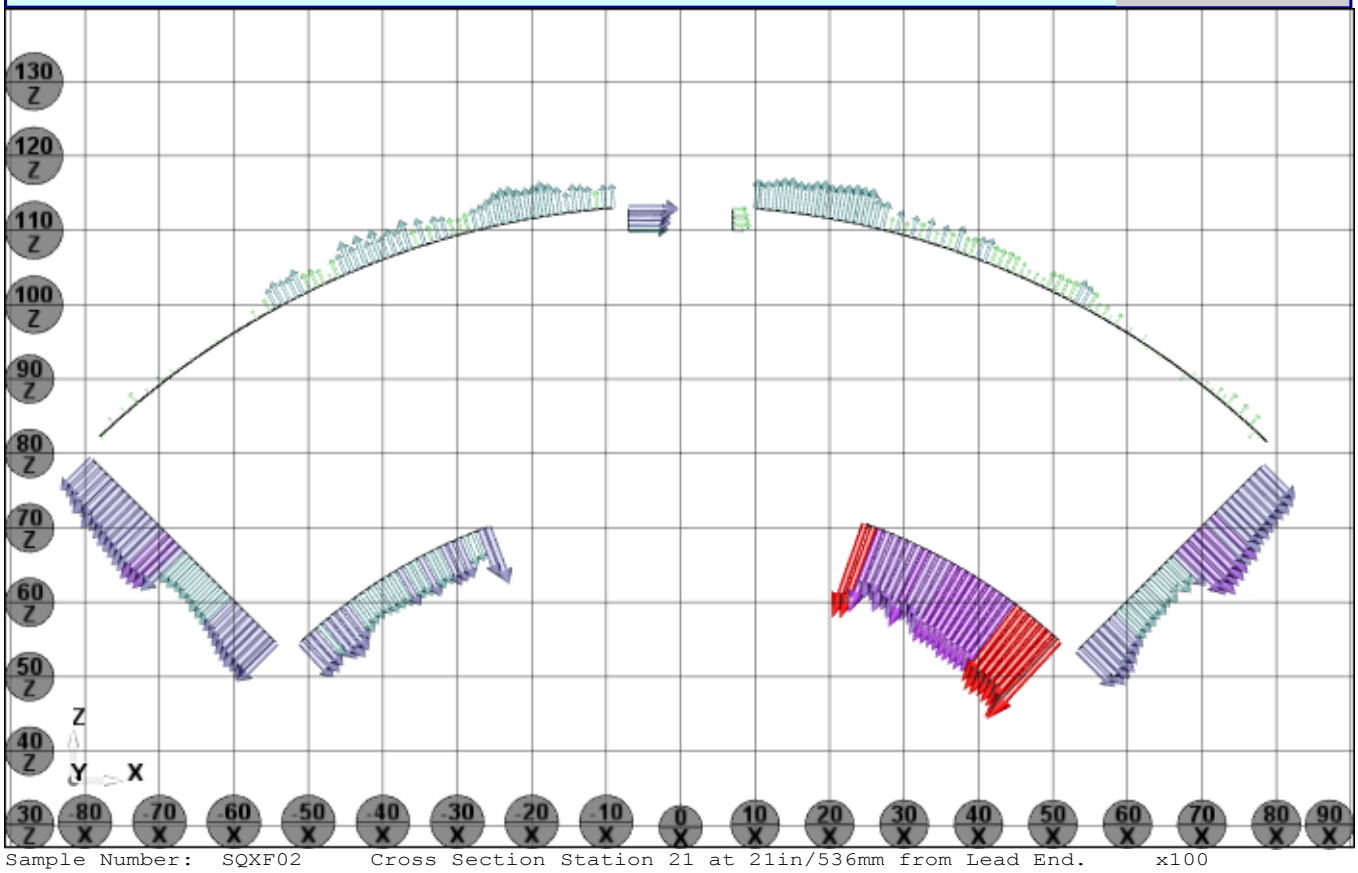
	MM	PROF68 - SCN_S21_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.025	-0.016	-0.025	0.127	0.127	0.000

	MM	PROF69 - SCN_S21_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.068	0.068	0.054	0.127	0.127	0.000

	MM	PROF70 - SCN_S21_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.055	0.049	-0.006	0.127	0.127	0.000

	MM	PROF71 - SCN_S21_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.088	0.088	0.048	0.127	0.127	0.000

	MM	PROF72 - SCN_S21_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.082	0.082	0.042	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 21 at 21in/536mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF291 - SCN_S21_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.164	0.164	0.120	0.127	0.127	0.037

	MM	PROF292 - SCN_S21_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.116	0.116	0.060	0.127	0.127	0.000

	MM	PROF293 - SCN_S21_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.061	0.026	-0.034	0.127	0.127	0.000

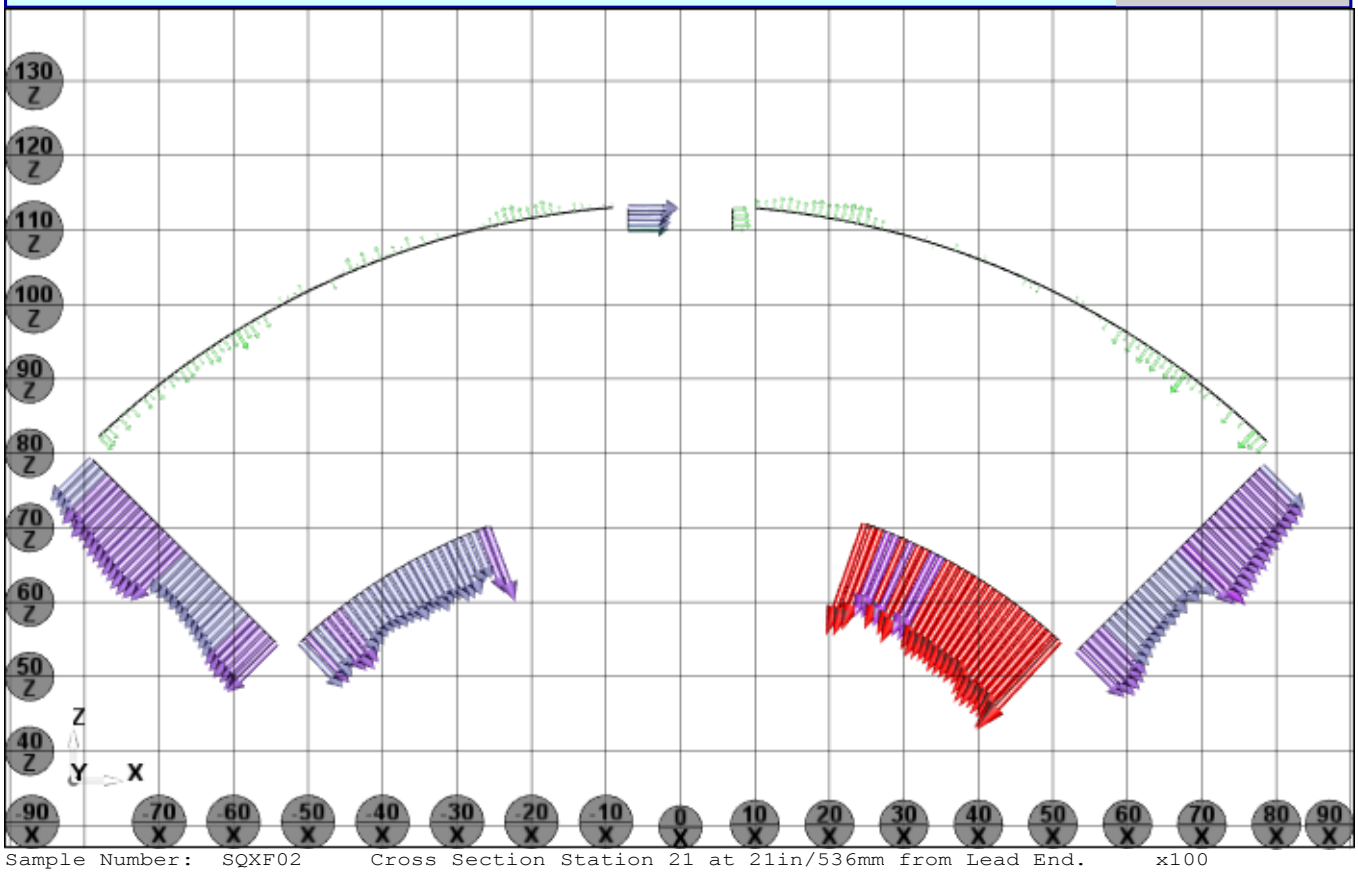
	MM	PROF294 - SCN_S21_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.025	-0.016	-0.025	0.127	0.127	0.000

	MM	PROF295 - SCN_S21_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.068	0.068	0.054	0.127	0.127	0.000

	MM	PROF296 - SCN_S21_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.052	0.023	-0.029	0.127	0.127	0.000

	MM	PROF297 - SCN_S21_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.107	0.107	0.068	0.127	0.127	0.000

	MM	PROF298 - SCN_S21_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.108	0.108	0.067	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 21 at 21in/536mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	2 - CIRC21					
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL	
X	0.000	0.000	0.000	0.000	0.000	0.000	
Y	-535.987	-536.003	-0.016	0.100	0.100	0.000	
Z	0.000	0.000	0.000	0.000	0.000	0.000	
R	113.380	113.251	-0.129	0.127	0.127	0.002	
RN	0.000	0.045	0.045	0.127	0.000	0.000	

	MM	PROF91 - SCN_S21_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.294	0.294	0.252	0.127	0.127	0.167

	MM	PROF92 - SCN_S21_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.218	0.218	0.161	0.127	0.127	0.091

	MM	PROF93 - SCN_S21_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.149	-0.106	-0.149	0.127	0.127	0.022

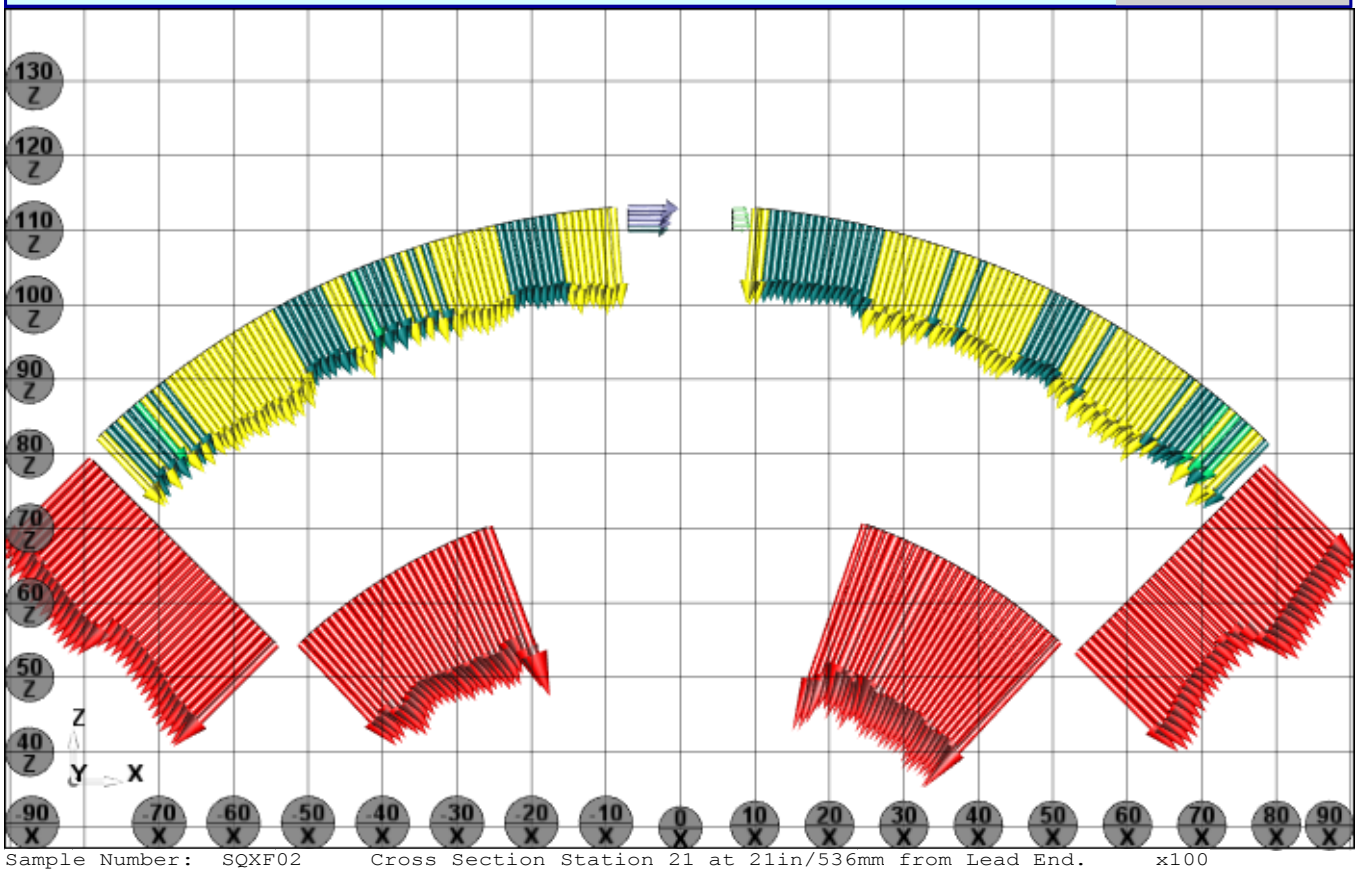
	MM	PROF94 - SCN_S21_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.025	-0.017	-0.025	0.127	0.127	0.000

	MM	PROF95 - SCN_S21_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.068	0.068	0.054	0.127	0.127	0.000

	MM	PROF96 - SCN_S21_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.151	-0.112	-0.151	0.127	0.127	0.024

	MM	PROF97 - SCN_S21_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.208	0.208	0.169	0.127	0.127	0.081

	MM	PROF98 - SCN_S21_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.242	0.242	0.183	0.127	0.127	0.115



Sample Number: SQXF02 Cross Section Station 21 at 21in/536mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 27 at 27 inches/688mm from LEAD END SLOTTED O.D. ========

	MM	PROF99 - SCN_S27_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.259	-0.147	-0.259	0.127	0.127	0.132

	MM	PROF100 - SCN_S27_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.192	-0.148	-0.192	0.127	0.127	0.065

	MM	PROF101 - SCN_S27_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.352	0.352	0.239	0.127	0.127	0.225

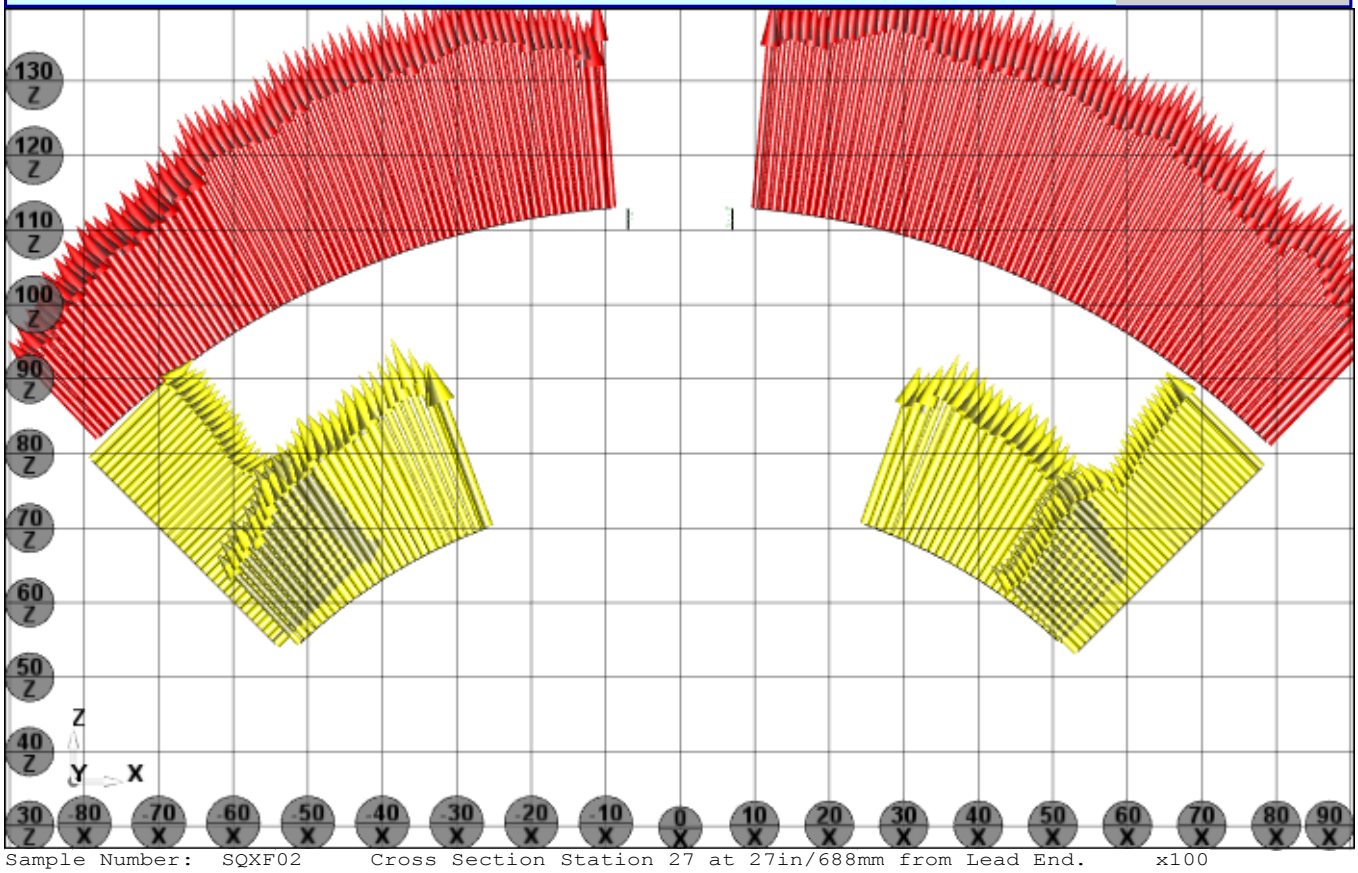
	MM	PROF102 - SCN_S27_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.011	0.011	0.003	0.127	0.127	0.000

	MM	PROF103 - SCN_S27_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.008	0.007	-0.001	0.127	0.127	0.000

	MM	PROF104 - SCN_S27_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.329	0.329	0.173	0.127	0.127	0.202

	MM	PROF105 - SCN_S27_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.219	-0.173	-0.219	0.127	0.127	0.092

	MM	PROF106 - SCN_S27_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.286	-0.167	-0.286	0.127	0.127	0.159



Sample Number: SQXF02 Cross Section Station 27 at 27in/688mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF107 - SCN_S27_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.118	0.118	0.051	0.127	0.127	0.000

	MM	PROF108 - SCN_S27_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.059	0.059	0.014	0.127	0.127	0.000

	MM	PROF109 - SCN_S27_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.061	0.036	-0.025	0.127	0.127	0.000

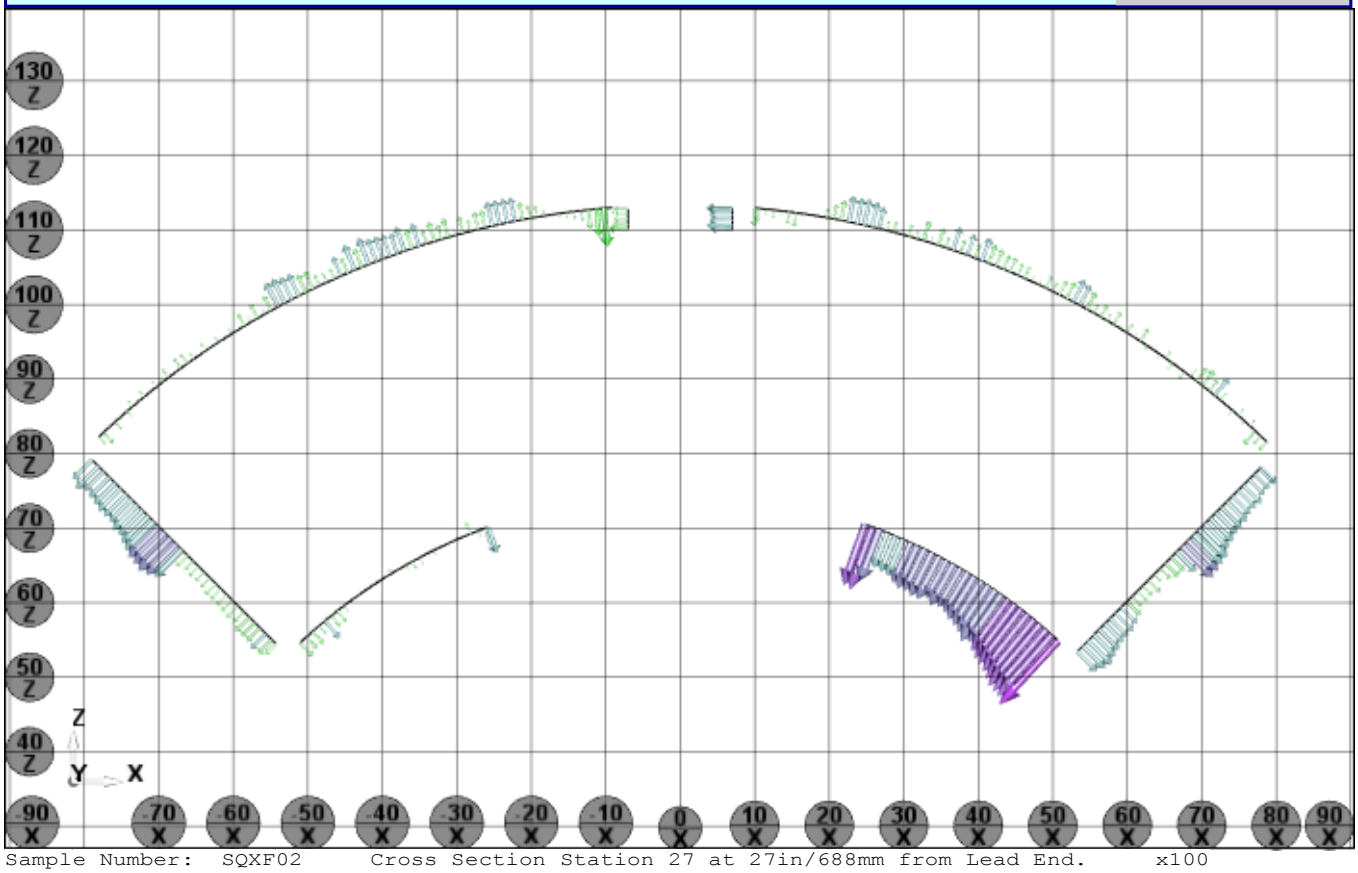
	MM	PROF110 - SCN_S27_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.035	0.035	0.029	0.127	0.127	0.000

	MM	PROF111 - SCN_S27_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.027	-0.018	-0.027	0.127	0.127	0.000

	MM	PROF112 - SCN_S27_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.091	0.038	-0.053	0.127	0.127	0.000

	MM	PROF113 - SCN_S27_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.061	0.061	0.017	0.127	0.127	0.000

	MM	PROF114 - SCN_S27_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.054	0.037	-0.017	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 27 at 27in/688mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF299 - SCN_S27_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.129	0.129	0.064	0.127	0.127	0.002

	MM	PROF300 - SCN_S27_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.068	0.068	0.023	0.127	0.127	0.000

	MM	PROF301 - SCN_S27_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.061	0.023	-0.038	0.127	0.127	0.000

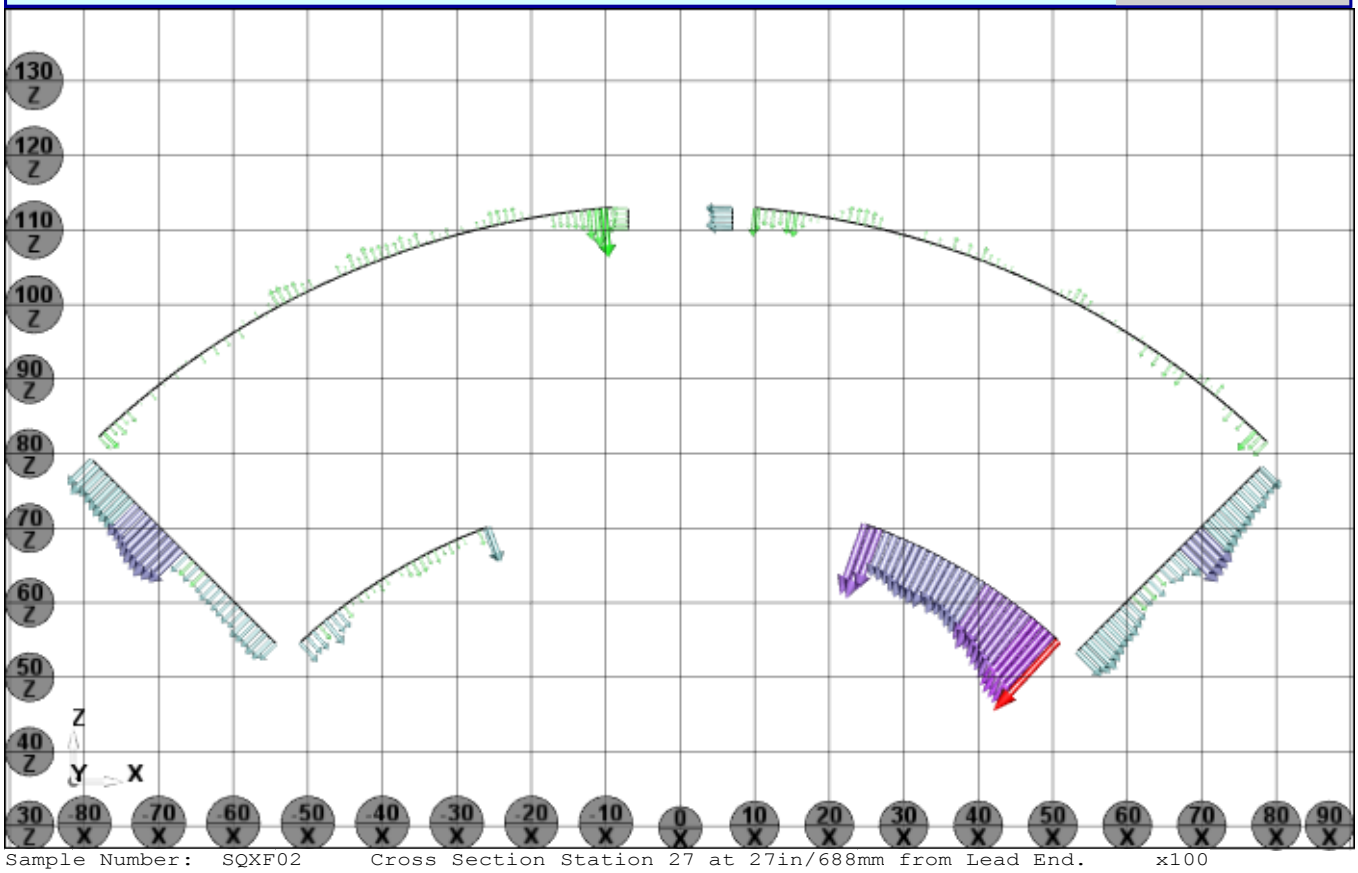
	MM	PROF302 - SCN_S27_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.036	0.036	0.030	0.127	0.127	0.000

	MM	PROF303 - SCN_S27_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.028	-0.019	-0.028	0.127	0.127	0.000

	MM	PROF304 - SCN_S27_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.092	0.026	-0.066	0.127	0.127	0.000

	MM	PROF305 - SCN_S27_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.072	0.072	0.028	0.127	0.127	0.000

	MM	PROF306 - SCN_S27_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.054	0.050	-0.004	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 27 at 27in/688mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	5 - CIRC27				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	-687.984	-687.998	-0.014	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.354	-0.026	0.127	0.127	0.000
RN	0.000	0.094	0.094	0.127	0.000	0.000

	MM	PROF115 - SCN_S27_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.149	0.149	0.090	0.127	0.127	0.022

	MM	PROF116 - SCN_S27_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.090	0.090	0.045	0.127	0.127	0.000

	MM	PROF117 - SCN_S27_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.067	-0.002	-0.067	0.127	0.127	0.000

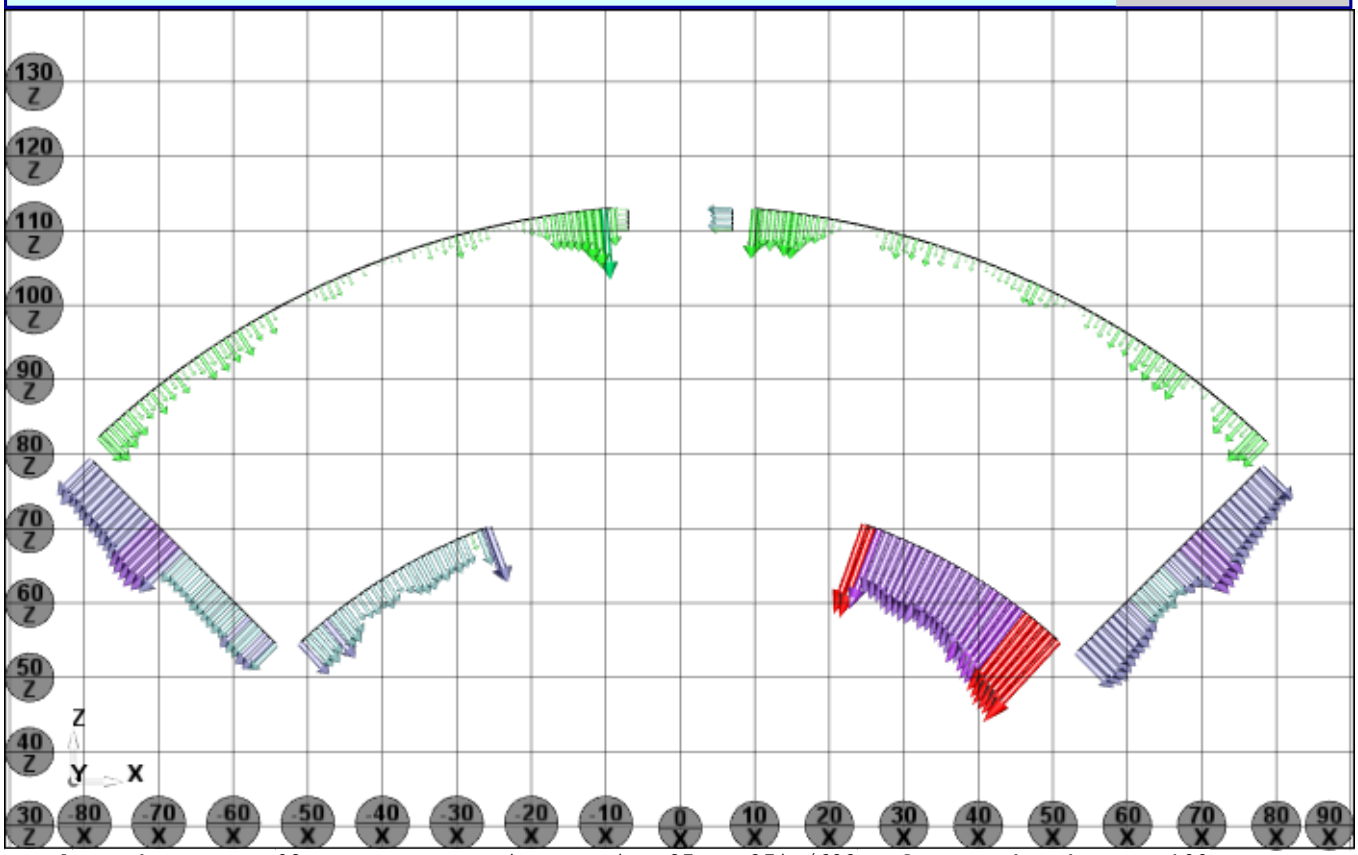
	MM	PROF118 - SCN_S27_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.034	0.034	0.028	0.127	0.127	0.000

	MM	PROF119 - SCN_S27_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.026	-0.017	-0.026	0.127	0.127	0.000

	MM	PROF120 - SCN_S27_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.096	-0.001	-0.096	0.127	0.127	0.000

	MM	PROF121 - SCN_S27_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.091	0.091	0.047	0.127	0.127	0.000

	MM	PROF122 - SCN_S27_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.078	0.078	0.024	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 27 at 27in/688mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 29.5 at 29.5 inches/752mm from LEAD END SLOTTED O.D. ========

	MM	PROF123 - SCN_S295_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.334	-0.183	-0.334	0.127	0.127	0.207

	MM	PROF124 - SCN_S295_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.212	-0.164	-0.212	0.127	0.127	0.085

	MM	PROF125 - SCN_S295_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.414	0.414	0.275	0.127	0.127	0.287

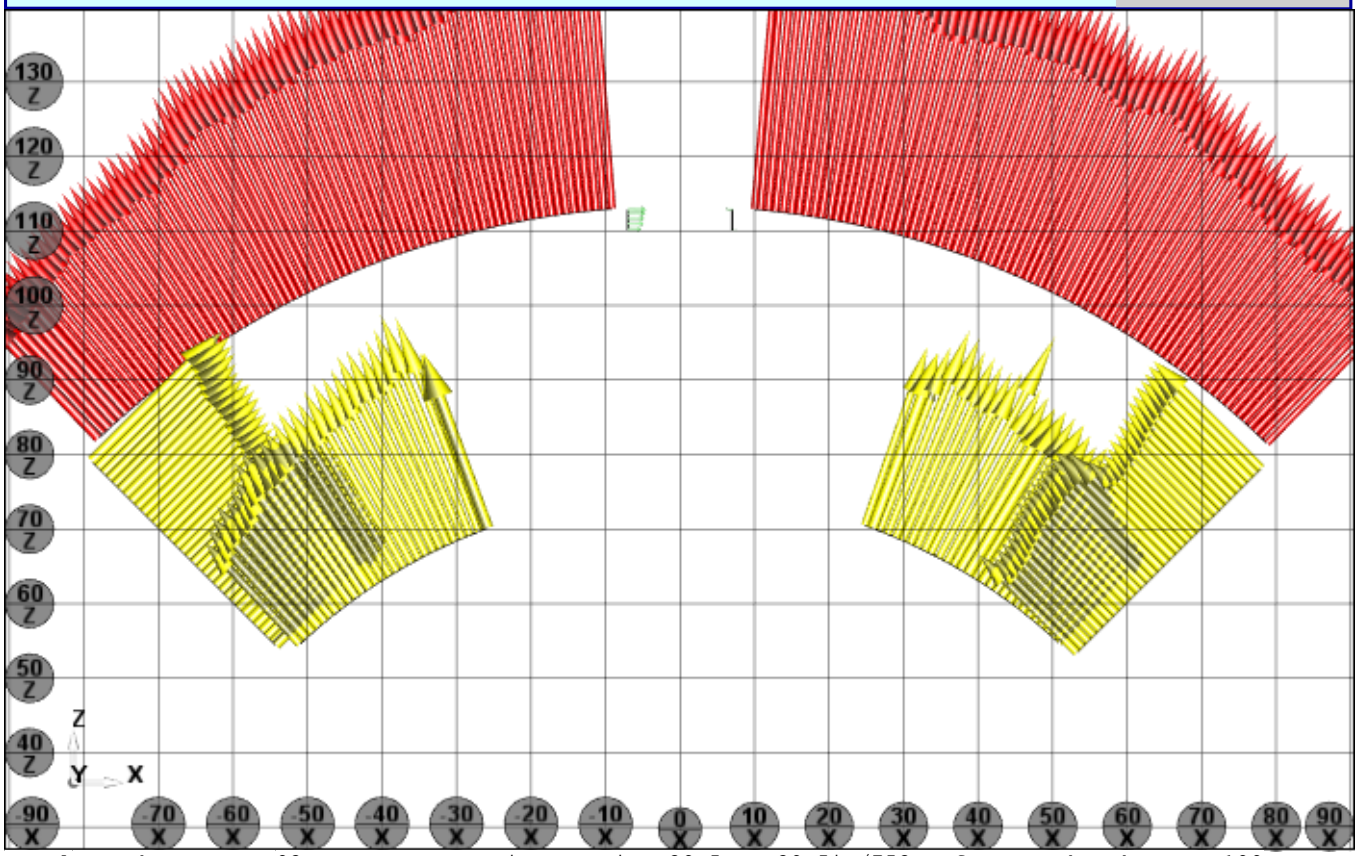
	MM	PROF126 - SCN_S295_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.016	0.008	-0.007	0.127	0.127	0.000

	MM	PROF127 - SCN_S295_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.025	0.025	0.017	0.127	0.127	0.000

	MM	PROF128 - SCN_S295_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.408	0.408	0.232	0.127	0.127	0.281

	MM	PROF129 - SCN_S295_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.248	-0.203	-0.248	0.127	0.127	0.121

	MM	PROF130 - SCN_S295_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.318	-0.185	-0.318	0.127	0.127	0.191



Sample Number: SQXF02 Cross Section Station 29.5 at 29.5in/752mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF131 - SCN_S295_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.107	0.107	0.004	0.127	0.127	0.000

	MM	PROF132 - SCN_S295_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.078	0.078	0.029	0.127	0.127	0.000

	MM	PROF133 - SCN_S295_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.064	0.045	-0.019	0.127	0.127	0.000

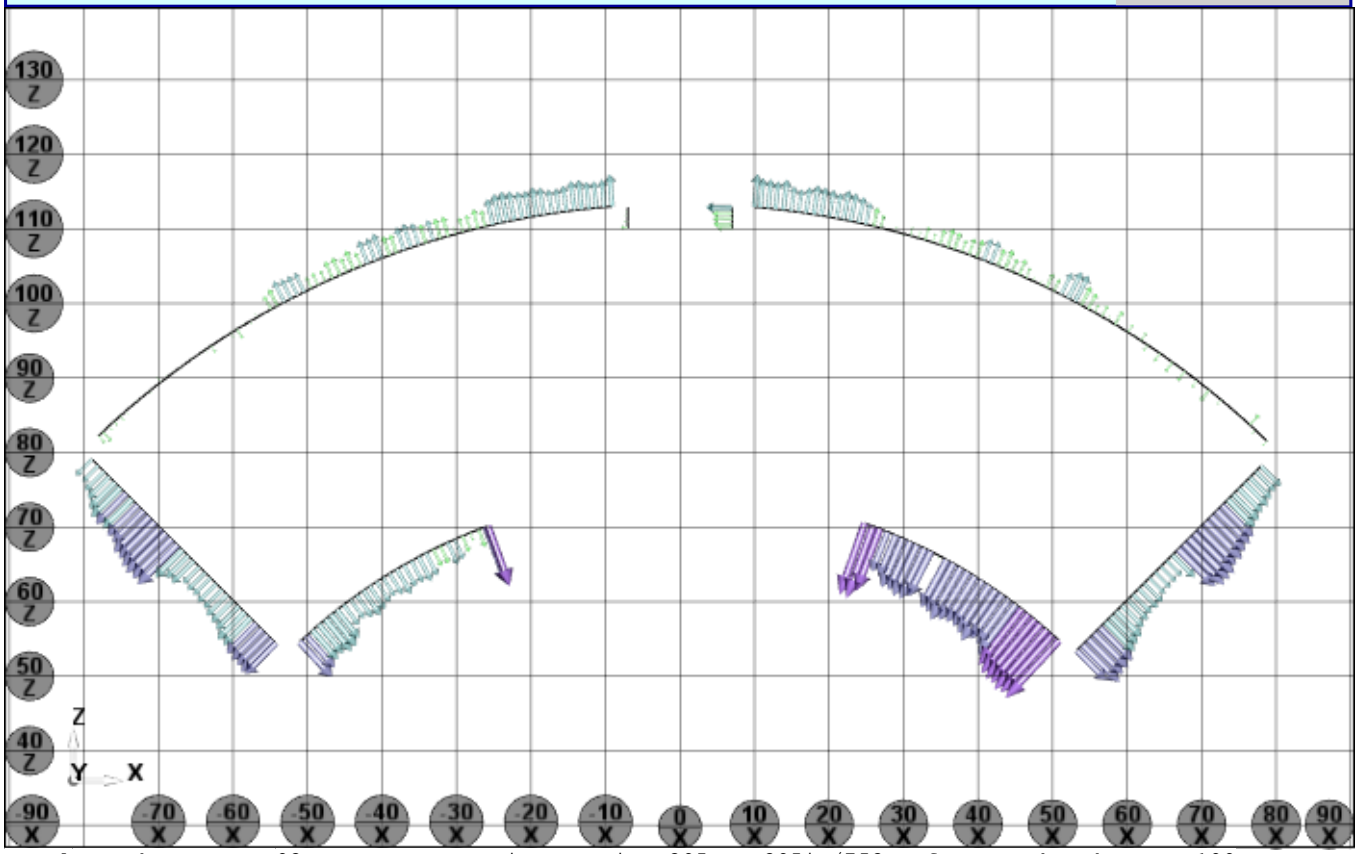
	MM	PROF134 - SCN_S295_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.035	0.035	0.020	0.127	0.127	0.000

	MM	PROF135 - SCN_S295_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.010	-0.002	-0.010	0.127	0.127	0.000

	MM	PROF136 - SCN_S295_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.061	0.044	-0.017	0.127	0.127	0.000

	MM	PROF137 - SCN_S295_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.076	0.076	0.031	0.127	0.127	0.000

	MM	PROF138 - SCN_S295_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.086	0.086	0.012	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 295 at 295in/752mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF307 - SCN_S295_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.123	0.123	0.022	0.127	0.127	0.000

	MM	PROF308 - SCN_S295_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.092	0.092	0.043	0.127	0.127	0.000

	MM	PROF309 - SCN_S295_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.060	0.024	-0.035	0.127	0.127	0.000

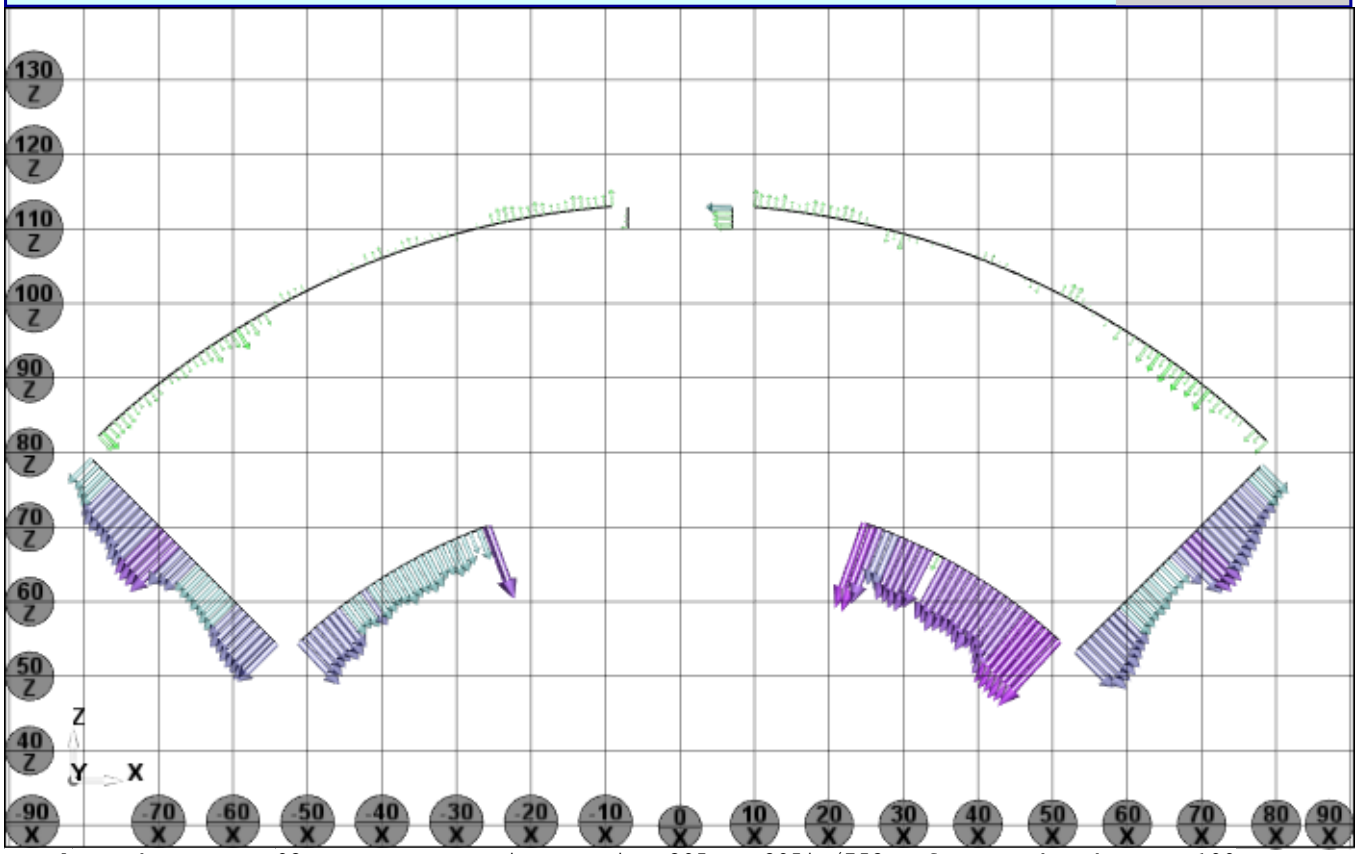
	MM	PROF310 - SCN_S295_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.036	0.036	0.020	0.127	0.127	0.000

	MM	PROF311 - SCN_S295_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.010	-0.003	-0.010	0.127	0.127	0.000

	MM	PROF312 - SCN_S295_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.056	0.024	-0.032	0.127	0.127	0.000

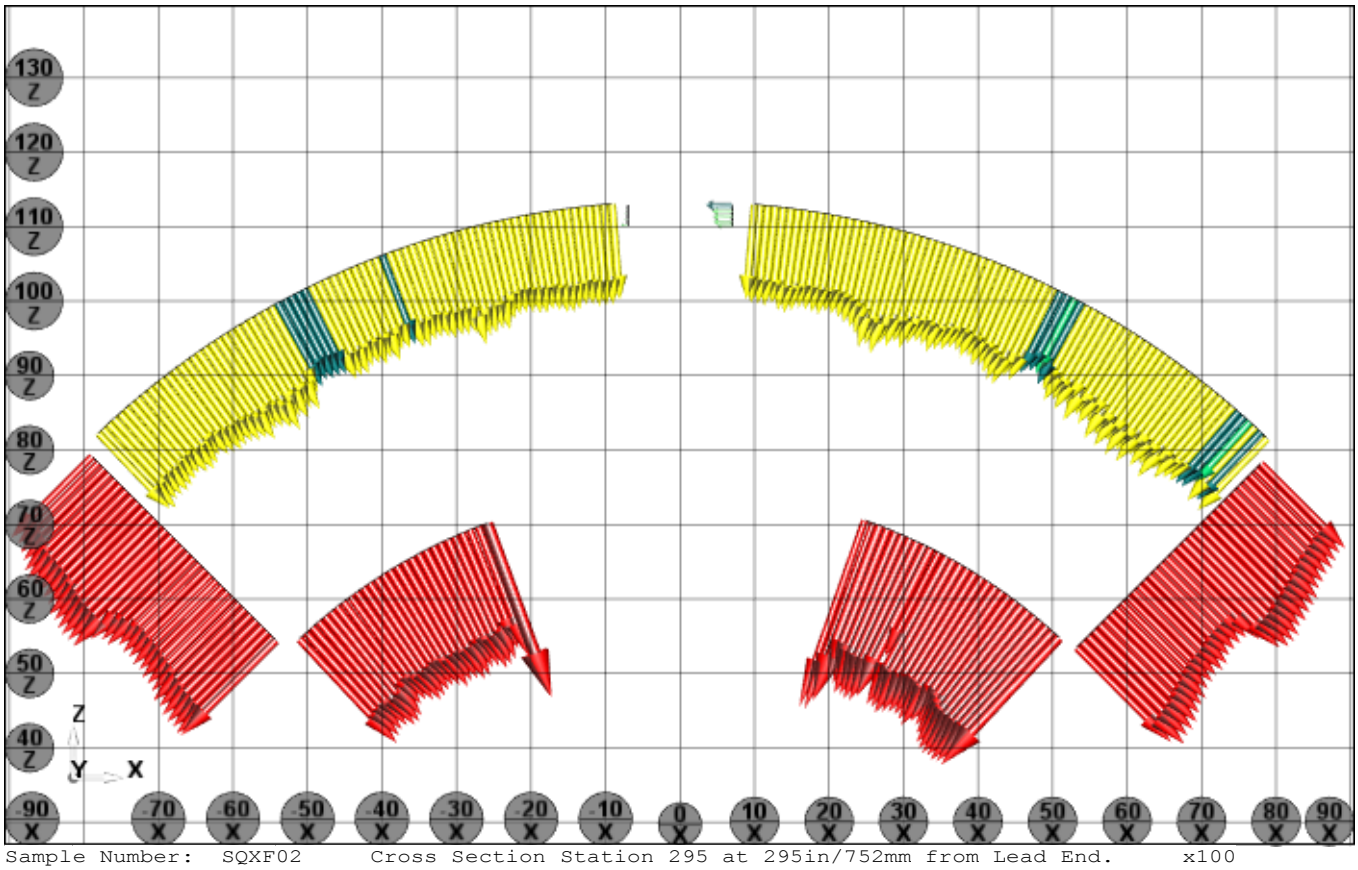
	MM	PROF313 - SCN_S295_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.090	0.090	0.045	0.127	0.127	0.000

	MM	PROF314 - SCN_S295_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.105	0.105	0.030	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 295 at 295in/752mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	6 - CIRC295					
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL	
X	0.000	0.000	0.000	0.000	0.000	0.000	
Y	-751.991	-751.994	-0.003	0.100	0.100	0.000	
Z	0.000	0.000	0.000	0.000	0.000	0.000	
R	113.380	113.242	-0.138	0.127	0.127	0.011	
RN	0.000	0.062	0.062	0.127	0.000	0.000	
	MM	PROF139 - SCN_S295_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.266	0.266	0.157	0.127	0.127	0.139	
	MM	PROF140 - SCN_S295_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.200	0.200	0.152	0.127	0.127	0.073	
	MM	PROF141 - SCN_S295_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.171	-0.108	-0.171	0.127	0.127	0.044	
	MM	PROF142 - SCN_S295_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.035	0.035	0.020	0.127	0.127	0.000	
	MM	PROF143 - SCN_S295_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.010	-0.002	-0.010	0.127	0.127	0.000	
	MM	PROF144 - SCN_S295_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.162	-0.121	-0.162	0.127	0.127	0.035	
	MM	PROF145 - SCN_S295_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.198	0.198	0.153	0.127	0.127	0.071	
	MM	PROF146 - SCN_S295_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.248	0.248	0.171	0.127	0.127	0.121	



Sample Number: SQXF02 Cross Section Station 295 at 295in/752mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 32 at 32 inches/816mm from LEAD END SLOTTED O.D. ========

	MM	PROF147 - SCN_S32_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.312	-0.199	-0.312	0.127	0.127	0.185	

	MM	PROF148 - SCN_S32_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.236	-0.187	-0.236	0.127	0.127	0.109	

	MM	PROF149 - SCN_S32_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.396	0.396	0.247	0.127	0.127	0.269	

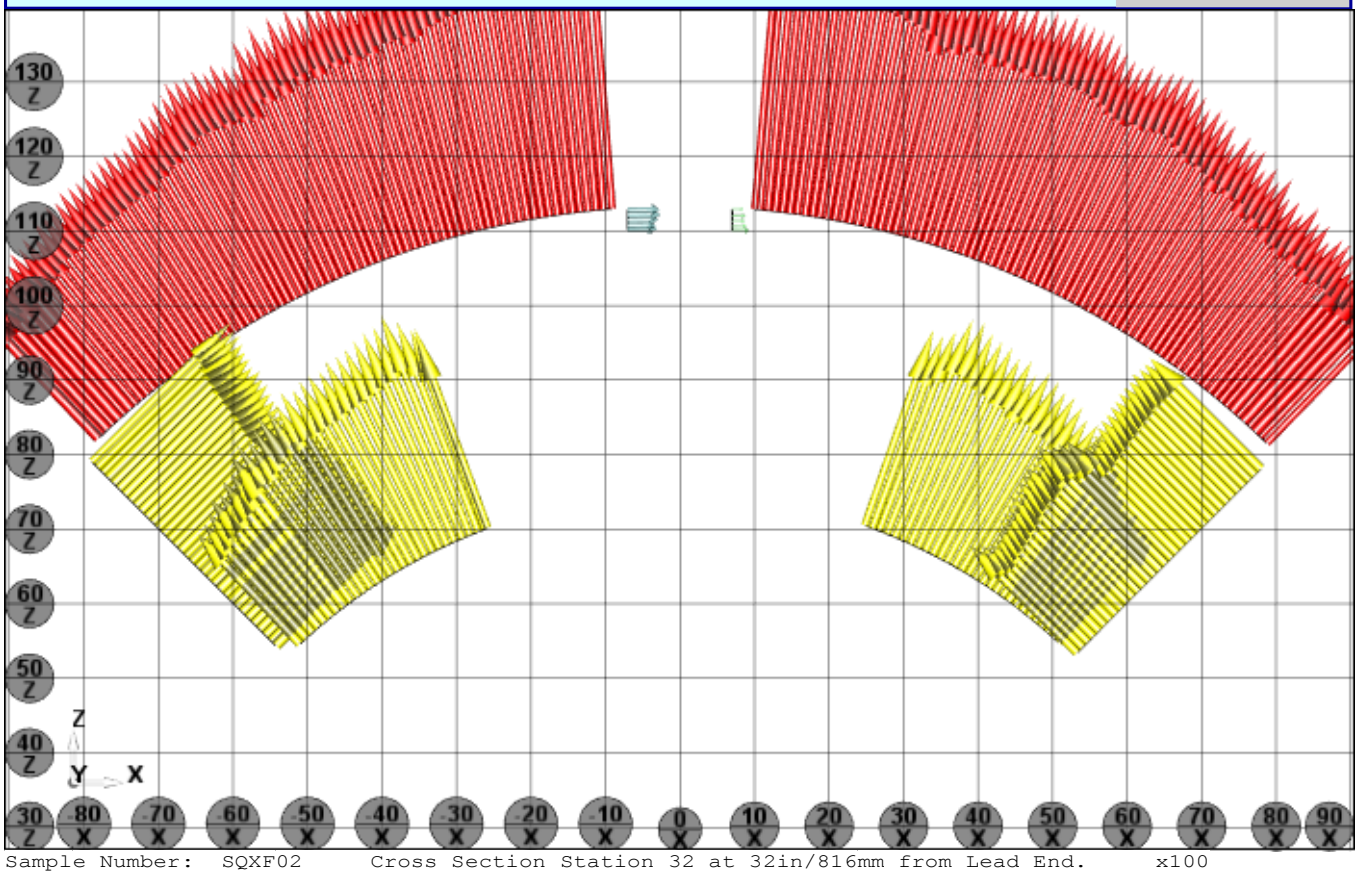
	MM	PROF150 - SCN_S32_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.023	-0.015	-0.023	0.127	0.127	0.000	

	MM	PROF151 - SCN_S32_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.044	0.044	0.035	0.127	0.127	0.000	

	MM	PROF152 - SCN_S32_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.402	0.402	0.236	0.127	0.127	0.275	

	MM	PROF153 - SCN_S32_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.265	-0.227	-0.265	0.127	0.127	0.138	

	MM	PROF154 - SCN_S32_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.319	-0.200	-0.319	0.127	0.127	0.192



Sample Number: SQXF02 Cross Section Station 32 at 32in/816mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF155 - SCN_S32_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.068	0.068	0.020	0.127	0.127	0.000

	MM	PROF156 - SCN_S32_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.052	0.052	0.000	0.127	0.127	0.000

	MM	PROF157 - SCN_S32_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.065	0.038	-0.026	0.127	0.127	0.000

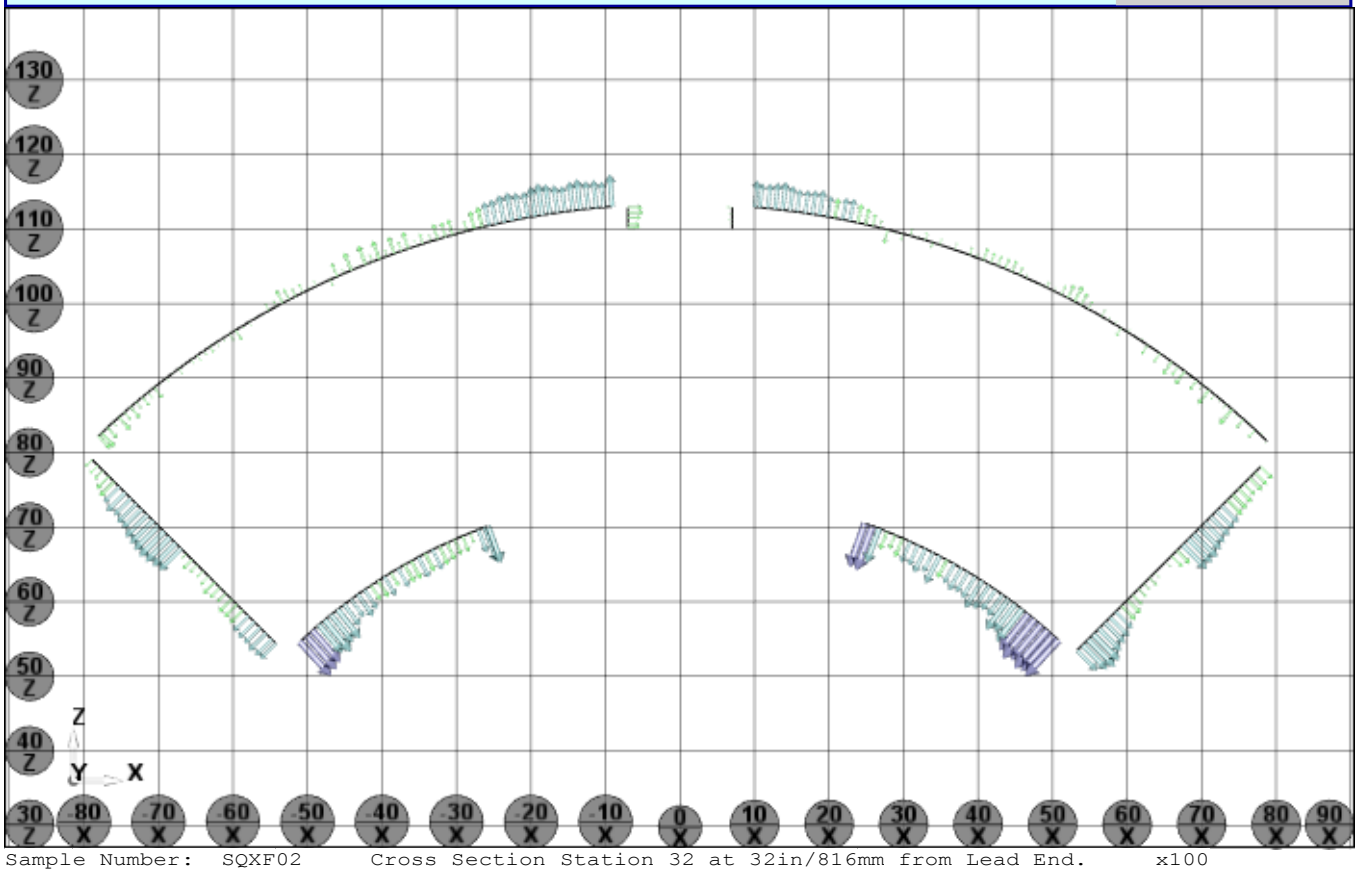
	MM	PROF158 - SCN_S32_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.008	0.008	0.000	0.127	0.127	0.000

	MM	PROF159 - SCN_S32_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.021	0.021	0.012	0.127	0.127	0.000

	MM	PROF160 - SCN_S32_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.069	0.043	-0.026	0.127	0.127	0.000

	MM	PROF161 - SCN_S32_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.048	0.048	0.009	0.127	0.127	0.000

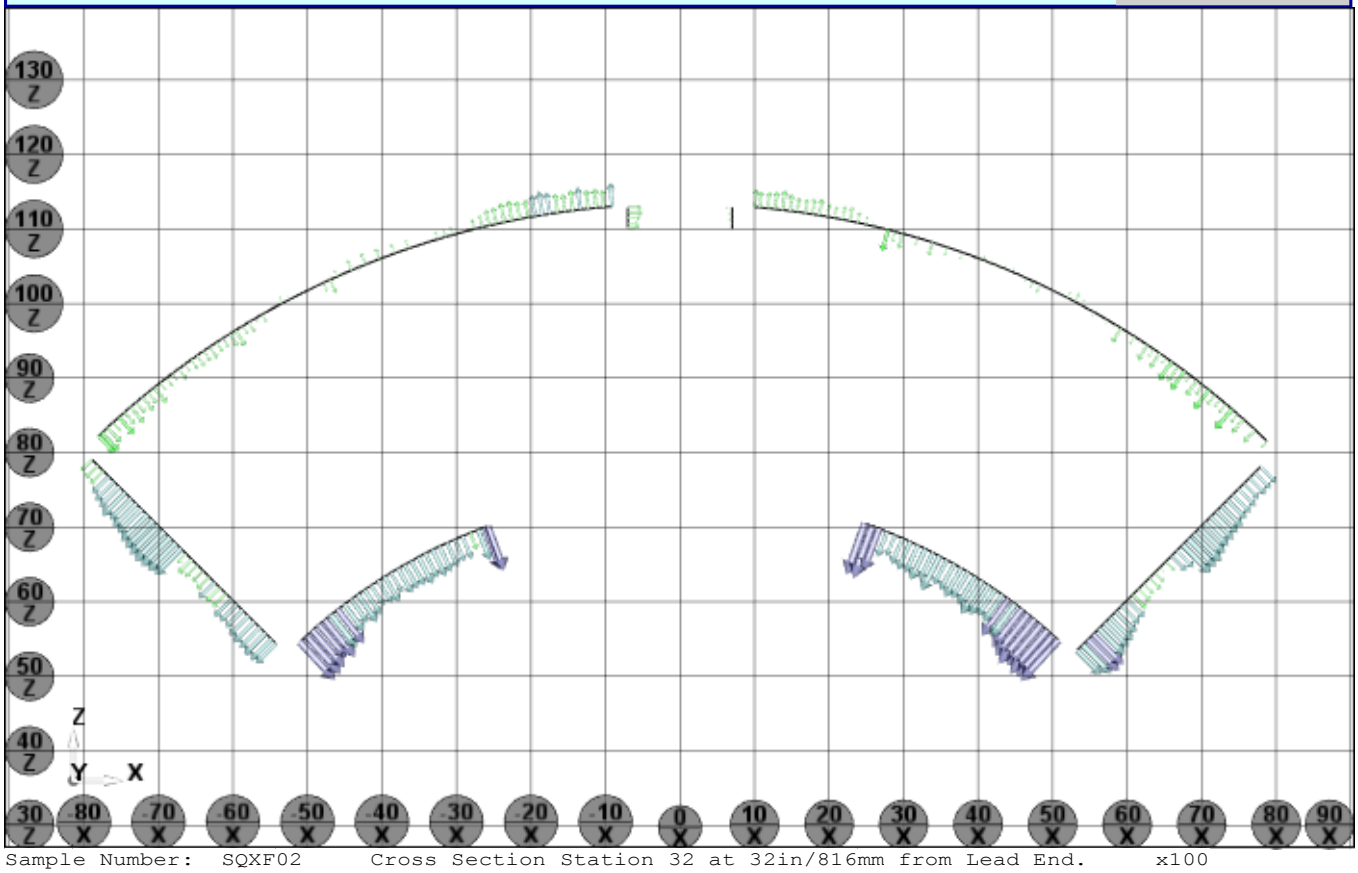
	MM	PROF162 - SCN_S32_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.062	0.062	0.015	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 32 at 32in/816mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF315 - SCN_S32_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.077	0.077	0.031	0.127	0.127	0.000
	MM	PROF316 - SCN_S32_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.059	0.059	0.008	0.127	0.127	0.000
	MM	PROF317 - SCN_S32_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.062	0.027	-0.035	0.127	0.127	0.000
	MM	PROF318 - SCN_S32_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.009	0.009	0.000	0.127	0.127	0.000
	MM	PROF319 - SCN_S32_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.020	0.020	0.012	0.127	0.127	0.000
	MM	PROF320 - SCN_S32_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.066	0.032	-0.034	0.127	0.127	0.000
	MM	PROF321 - SCN_S32_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.056	0.056	0.017	0.127	0.127	0.000

	MM	PROF322 - SCN_S32_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.070	0.070	0.025	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 32 at 32in/816mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	7 - CIRC32				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	-816.009	-816.001	0.008	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.227	-0.153	0.127	0.127	0.026
RN	0.000	0.068	0.068	0.127	0.000	0.000

	MM	PROF163 - SCN_S32_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.234	0.234	0.183	0.127	0.127	0.107

	MM	PROF164 - SCN_S32_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.180	0.180	0.129	0.127	0.127	0.053

	MM	PROF165 - SCN_S32_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.195	-0.127	-0.195	0.127	0.127	0.068

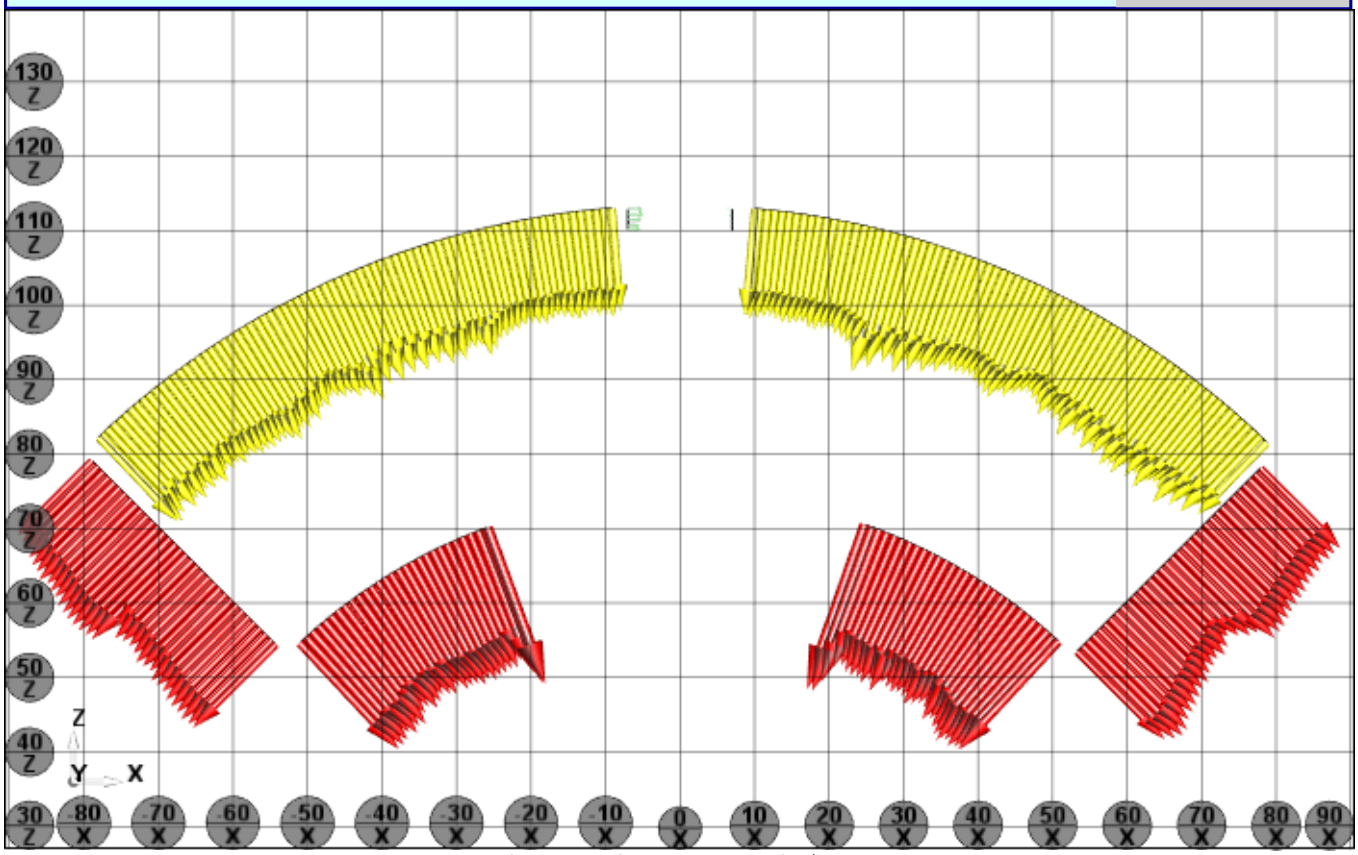
	MM	PROF166 - SCN_S32_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.008	0.008	-0.001	0.127	0.127	0.000

	MM	PROF167 - SCN_S32_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.021	0.021	0.013	0.127	0.127	0.000

	MM	PROF168 - SCN_S32_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.175	-0.136	-0.175	0.127	0.127	0.048

	MM	PROF169 - SCN_S32_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.176	0.176	0.137	0.127	0.127	0.049

	MM	PROF170 - SCN_S32_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.224	0.224	0.175	0.127	0.127	0.097



Sample Number: SQXF02 Cross Section Station 32 at 32in/816mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 37 at 37 inches/943mm from LEAD END SLOTTED O.D. ========

	MM	PROF171 - SCN_S37_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.294	-0.172	-0.294	0.127	0.127	0.167

	MM	PROF172 - SCN_S37_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.227	-0.185	-0.227	0.127	0.127	0.100

	MM	PROF173 - SCN_S37_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.382	0.382	0.254	0.127	0.127	0.255

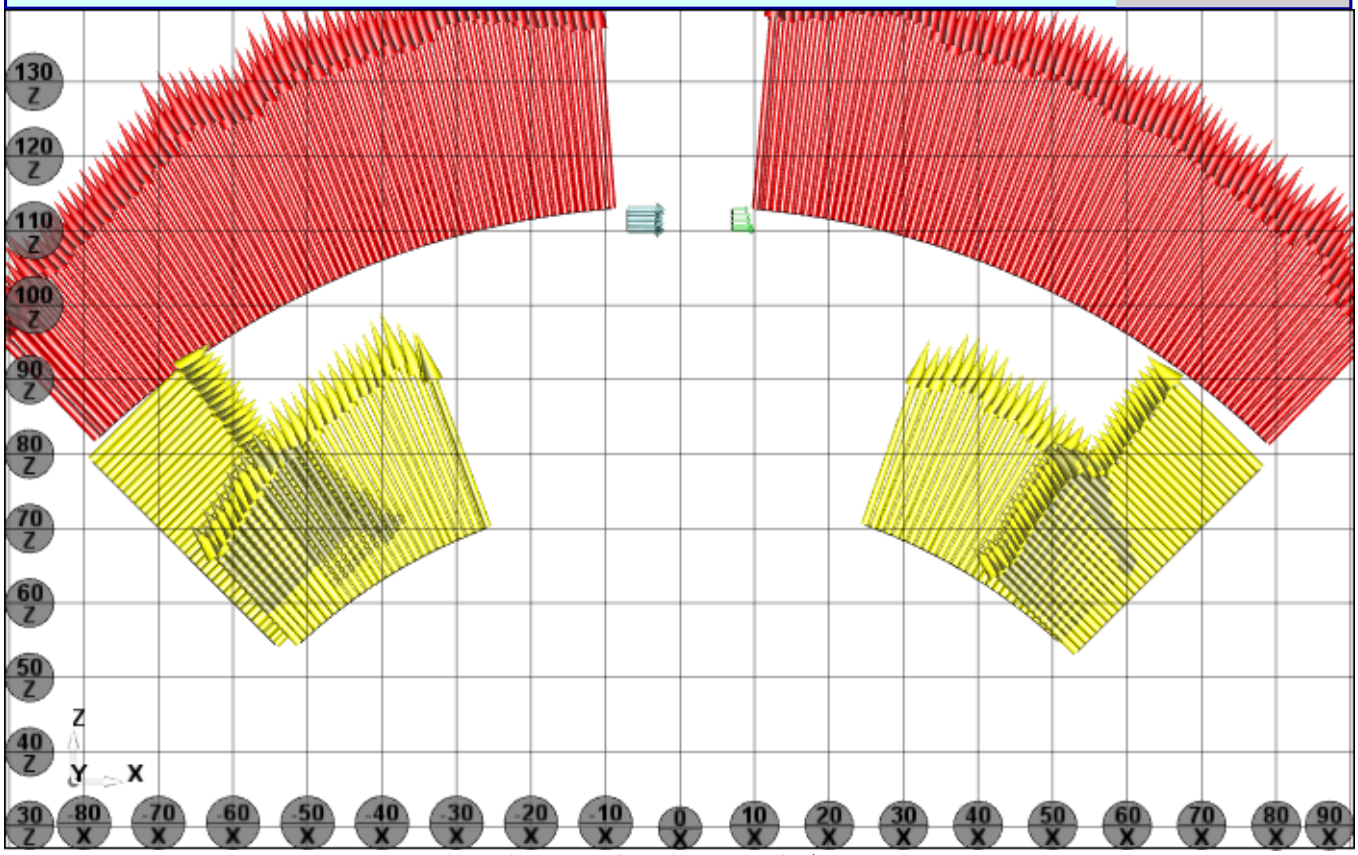
	MM	PROF174 - SCN_S37_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.032	-0.023	-0.032	0.127	0.127	0.000

	MM	PROF175 - SCN_S37_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.051	0.051	0.047	0.127	0.127	0.000

	MM	PROF176 - SCN_S37_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.371	0.371	0.238	0.127	0.127	0.244

	MM	PROF177 - SCN_S37_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.269	-0.202	-0.269	0.127	0.127	0.142

	MM	PROF178 - SCN_S37_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.325	-0.209	-0.325	0.127	0.127	0.198



Sample Number: SQXF02 Cross Section Station 37 at 37in/943mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF179 - SCN_S37_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.096	0.096	0.037	0.127	0.127	0.000

	MM	PROF180 - SCN_S37_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.054	0.054	0.012	0.127	0.127	0.000

	MM	PROF181 - SCN_S37_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.052	0.038	-0.015	0.127	0.127	0.000

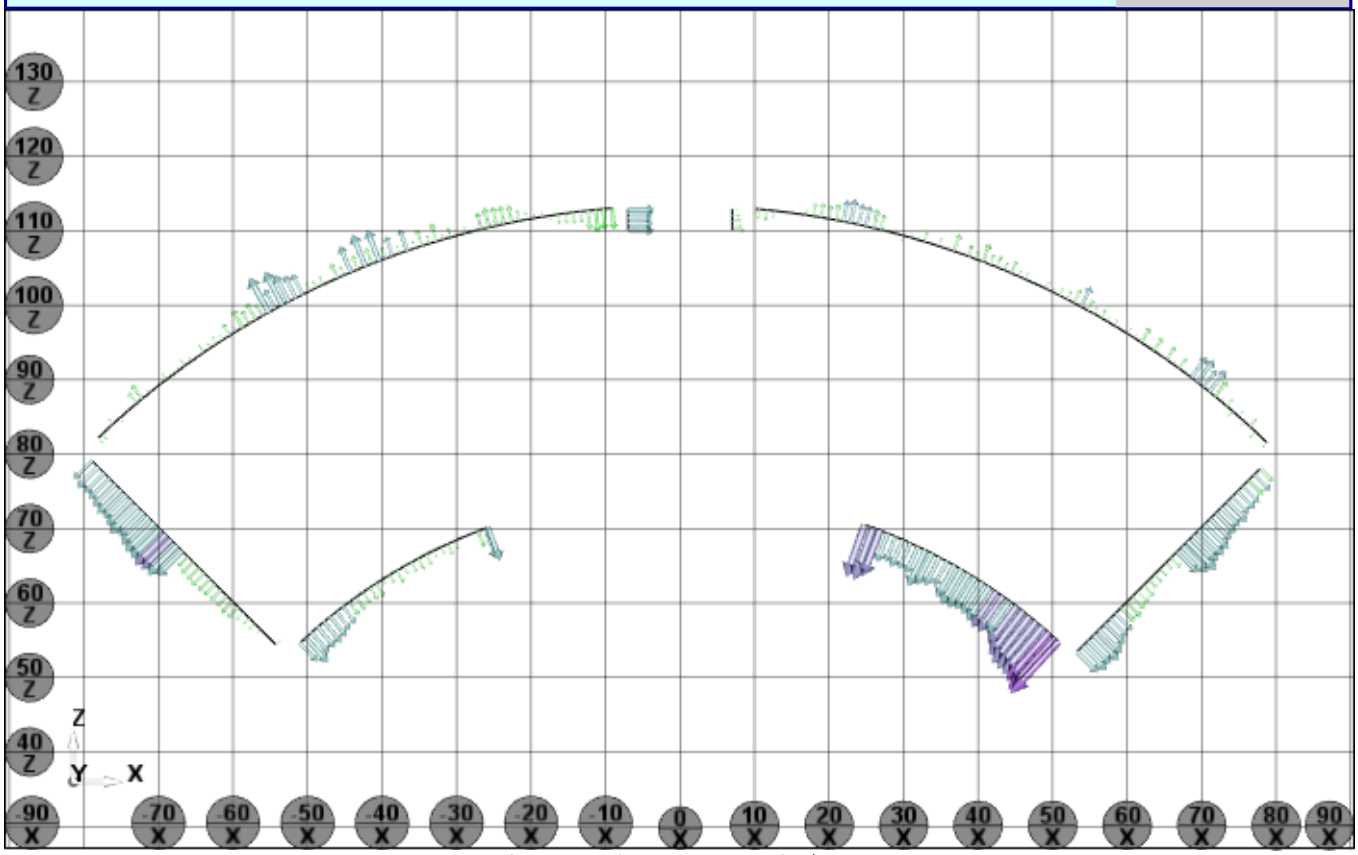
	MM	PROF182 - SCN_S37_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.017	-0.008	-0.017	0.127	0.127	0.000

	MM	PROF183 - SCN_S37_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.036	0.036	0.032	0.127	0.127	0.000

	MM	PROF184 - SCN_S37_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.085	0.053	-0.031	0.127	0.127	0.000

	MM	PROF185 - SCN_S37_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.067	0.059	-0.008	0.127	0.127	0.000

	MM	PROF186 - SCN_S37_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.049	0.048	-0.001	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 37 at 37in/943mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF323 - SCN_S37_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.106	0.106	0.049	0.127	0.127	0.000

	MM	PROF324 - SCN_S37_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.062	0.062	0.020	0.127	0.127	0.000

	MM	PROF325 - SCN_S37_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.054	0.027	-0.027	0.127	0.127	0.000

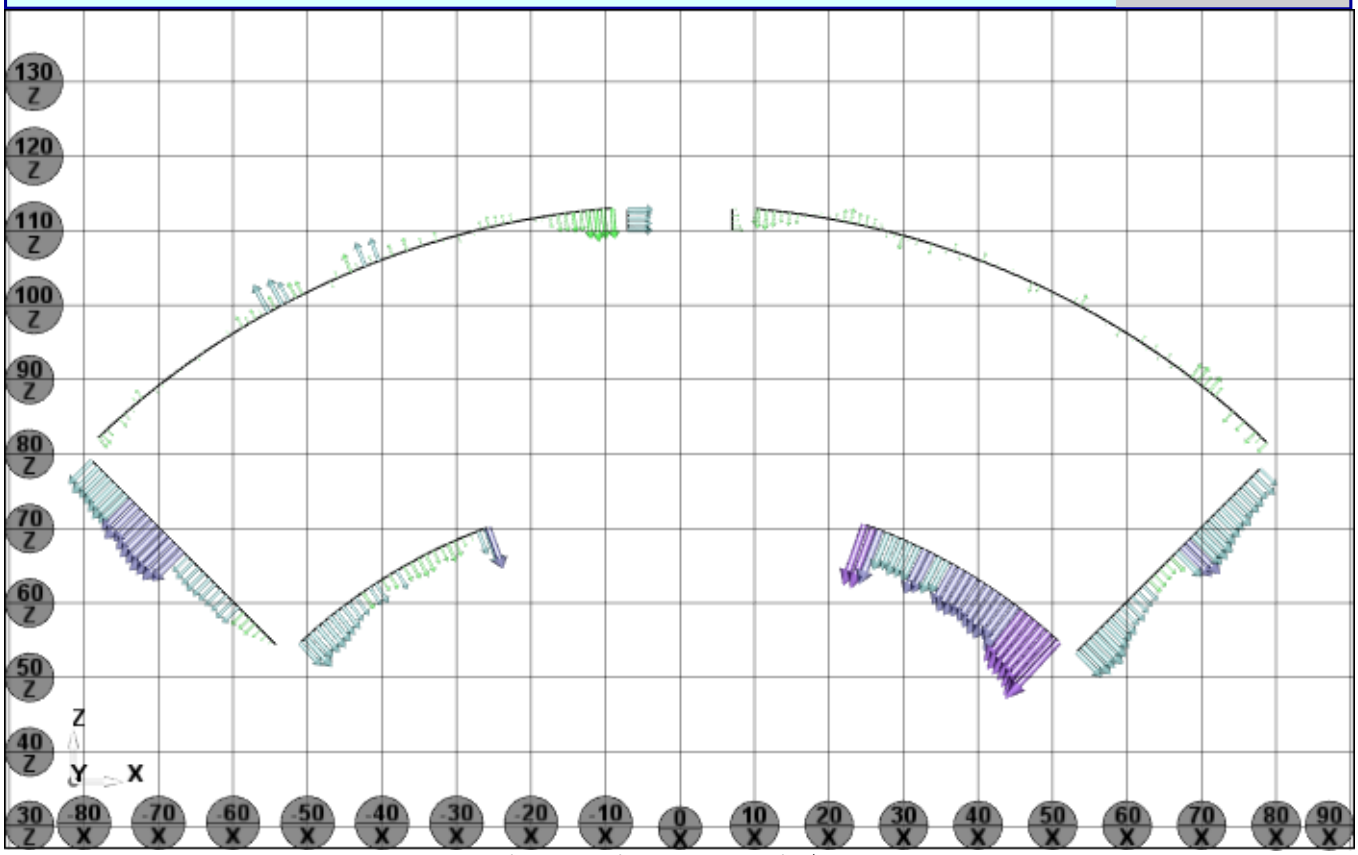
	MM	PROF326 - SCN_S37_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.015	-0.006	-0.015	0.127	0.127	0.000

	MM	PROF327 - SCN_S37_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.034	0.034	0.031	0.127	0.127	0.000

	MM	PROF328 - SCN_S37_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.087	0.043	-0.044	0.127	0.127	0.000

	MM	PROF329 - SCN_S37_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.069	0.069	0.002	0.127	0.127	0.000

	MM	PROF330 - SCN_S37_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.059	0.059	0.010	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 37 at 37in/943mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	8 - CIRC37				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	-943.025	-943.005	0.020	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.394	0.014	0.127	0.127	0.000
RN	0.000	0.084	0.084	0.127	0.000	0.000

	MM	PROF187 - SCN_S37_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.092	0.092	0.033	0.127	0.127	0.000

	MM	PROF188 - SCN_S37_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.054	0.054	0.011	0.127	0.127	0.000

	MM	PROF189 - SCN_S37_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.053	0.041	-0.011	0.127	0.127	0.000

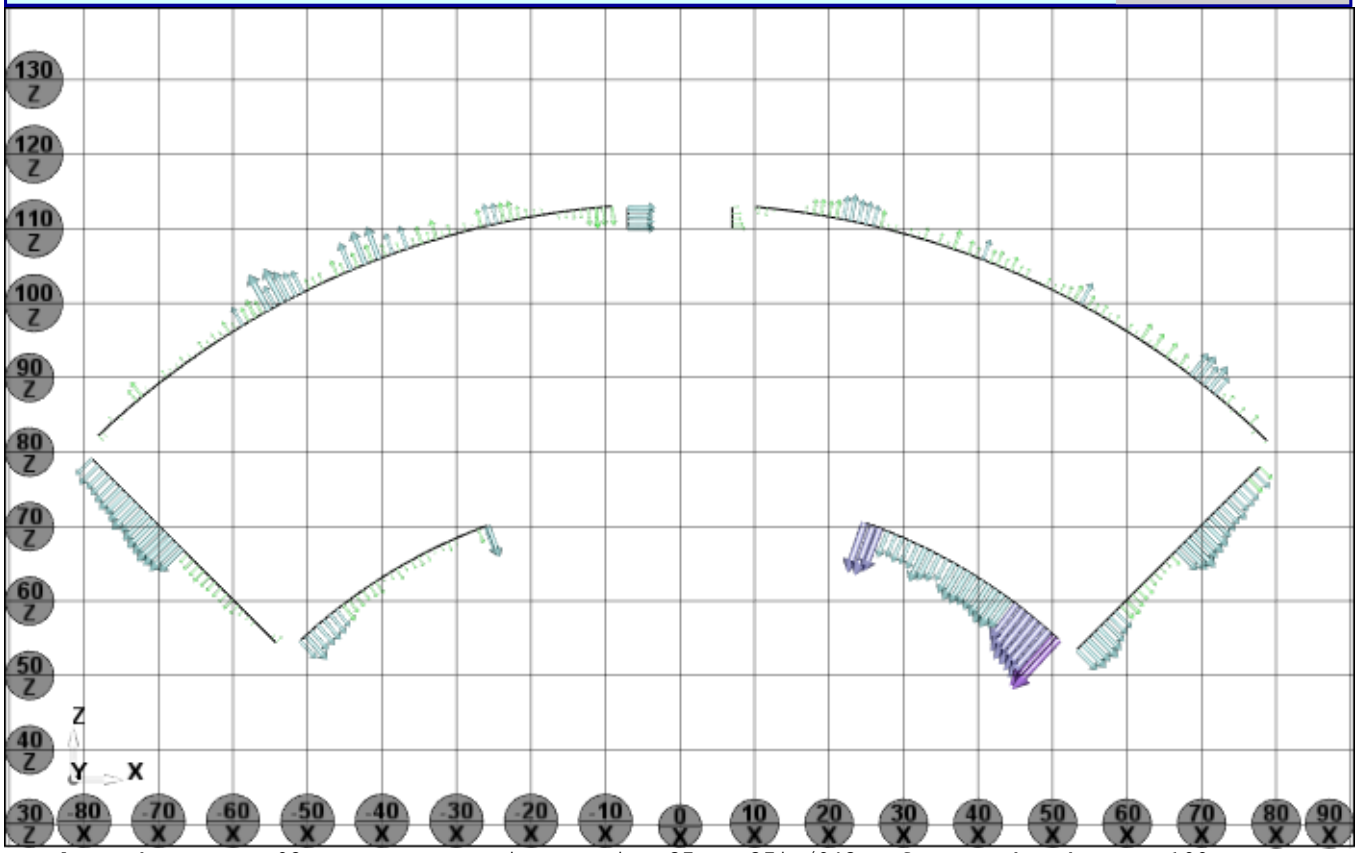
	MM	PROF190 - SCN_S37_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.019	-0.010	-0.019	0.127	0.127	0.000

	MM	PROF191 - SCN_S37_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.038	0.038	0.034	0.127	0.127	0.000

	MM	PROF192 - SCN_S37_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.084	0.055	-0.028	0.127	0.127	0.000

	MM	PROF193 - SCN_S37_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.067	0.055	-0.011	0.127	0.127	0.000

	MM	PROF194 - SCN_S37_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.049	0.046	-0.003	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 37 at 37in/943mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 43 at 43 inches/1096mm from LEAD END SLOTTED O.D. ========

	MM	PROF195 - SCN_S43_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.211	-0.113	-0.211	0.127	0.127	0.084

	MM	PROF196 - SCN_S43_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.157	-0.119	-0.157	0.127	0.127	0.030

	MM	PROF197 - SCN_S43_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.271	0.271	0.136	0.127	0.127	0.144

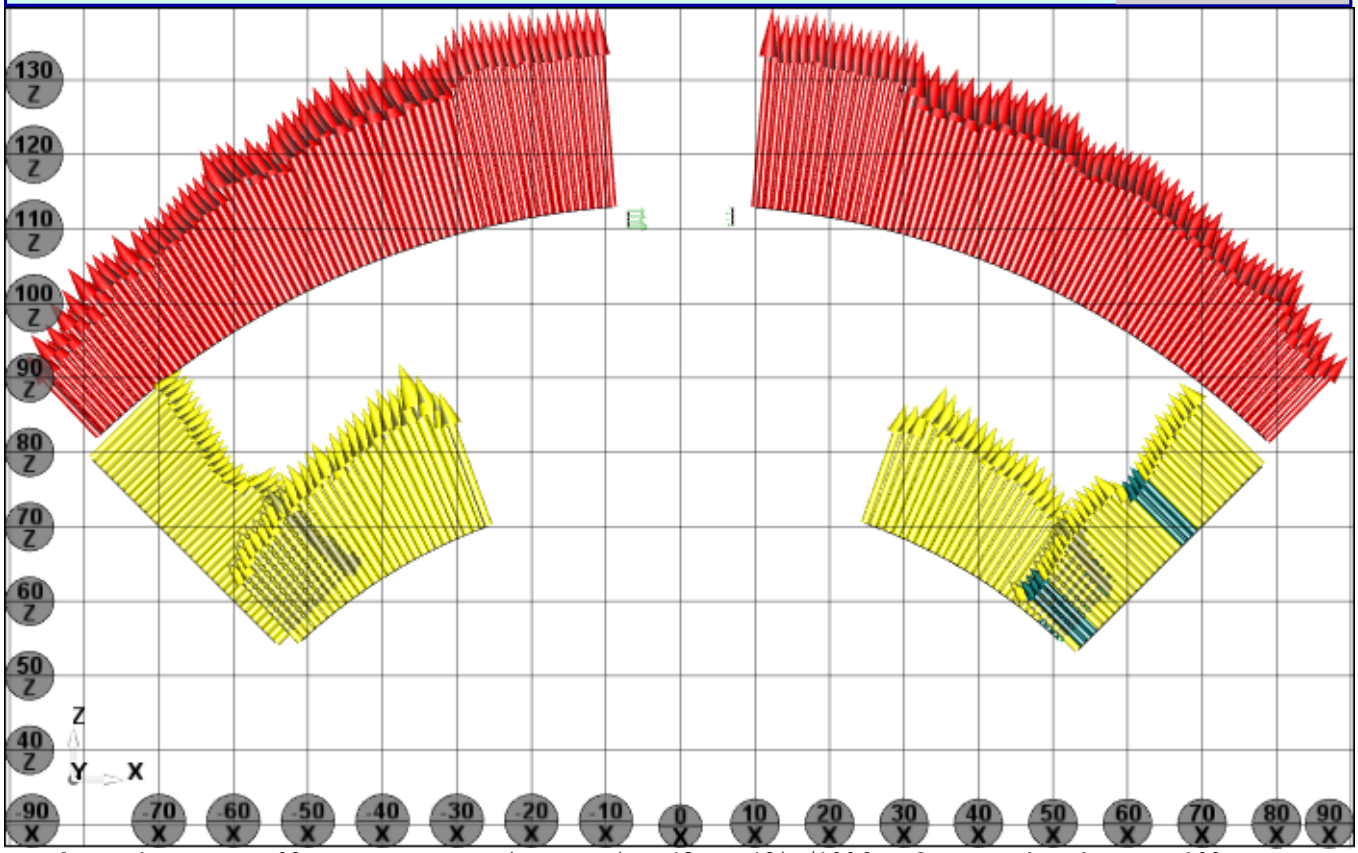
	MM	PROF198 - SCN_S43_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.010	0.010	0.005	0.127	0.127	0.000

	MM	PROF199 - SCN_S43_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.027	0.027	0.021	0.127	0.127	0.000

	MM	PROF200 - SCN_S43_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.278	0.278	0.136	0.127	0.127	0.151

	MM	PROF201 - SCN_S43_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.179	-0.134	-0.179	0.127	0.127	0.052

	MM	PROF202 - SCN_S43_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.247	-0.146	-0.247	0.127	0.127	0.120



Sample Number: SQXF02 Cross Section Station 43 at 43in/1096mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF203 - SCN_S43_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.064	0.064	0.011	0.127	0.127	0.000

	MM	PROF204 - SCN_S43_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.040	0.040	0.000	0.127	0.127	0.000

	MM	PROF205 - SCN_S43_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.073	0.033	-0.040	0.127	0.127	0.000

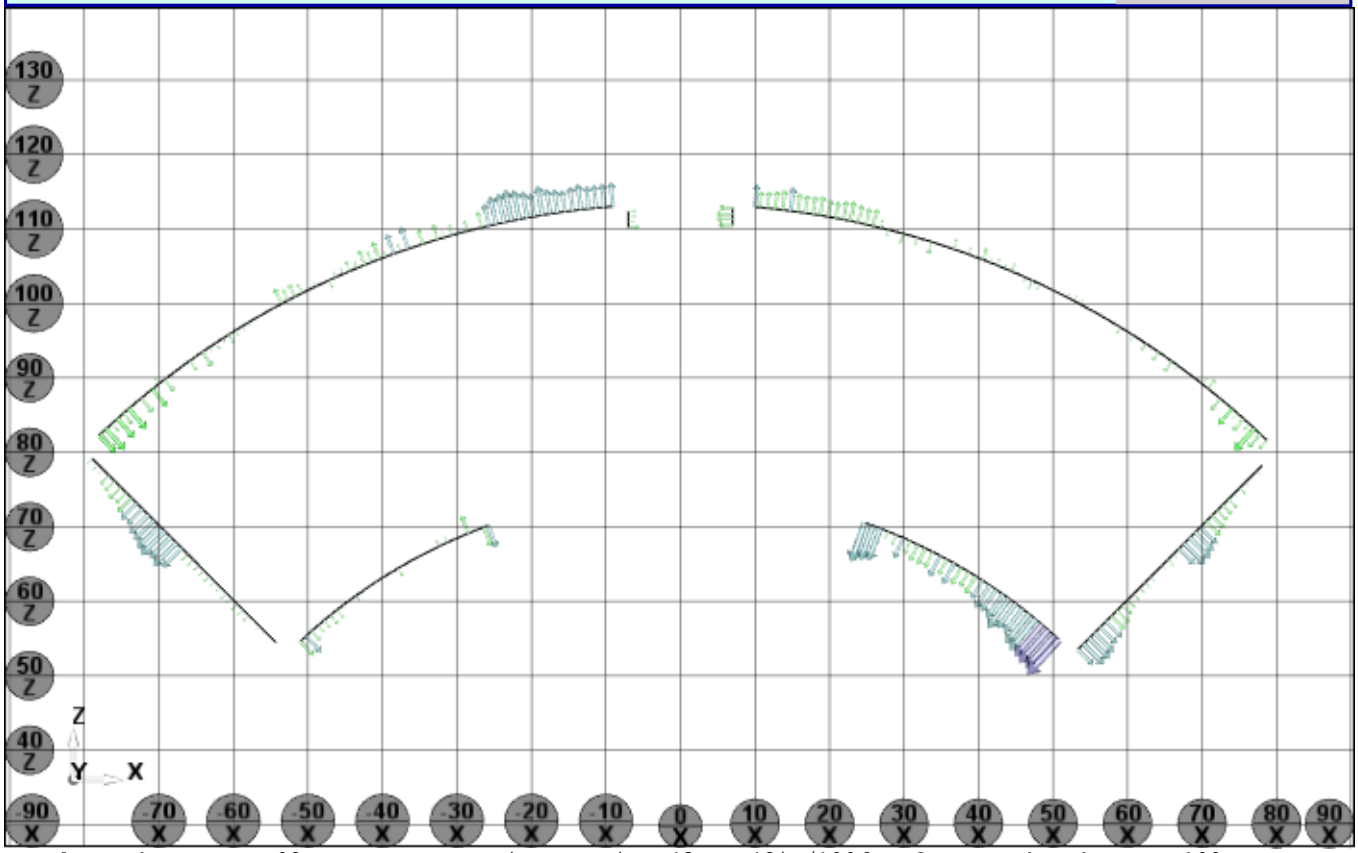
	MM	PROF206 - SCN_S43_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.022	0.022	0.018	0.127	0.127	0.000

	MM	PROF207 - SCN_S43_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.015	0.015	0.009	0.127	0.127	0.000

	MM	PROF208 - SCN_S43_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.081	0.043	-0.038	0.127	0.127	0.000

	MM	PROF209 - SCN_S43_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.047	0.045	-0.001	0.127	0.127	0.000

	MM	PROF210 - SCN_S43_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.058	0.032	-0.026	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 43 at 43in/1096mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF331 - SCN_S43_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.070	0.070	0.019	0.127	0.127	0.000

	MM	PROF332 - SCN_S43_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.045	0.045	0.005	0.127	0.127	0.000

	MM	PROF333 - SCN_S43_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.072	0.025	-0.047	0.127	0.127	0.000

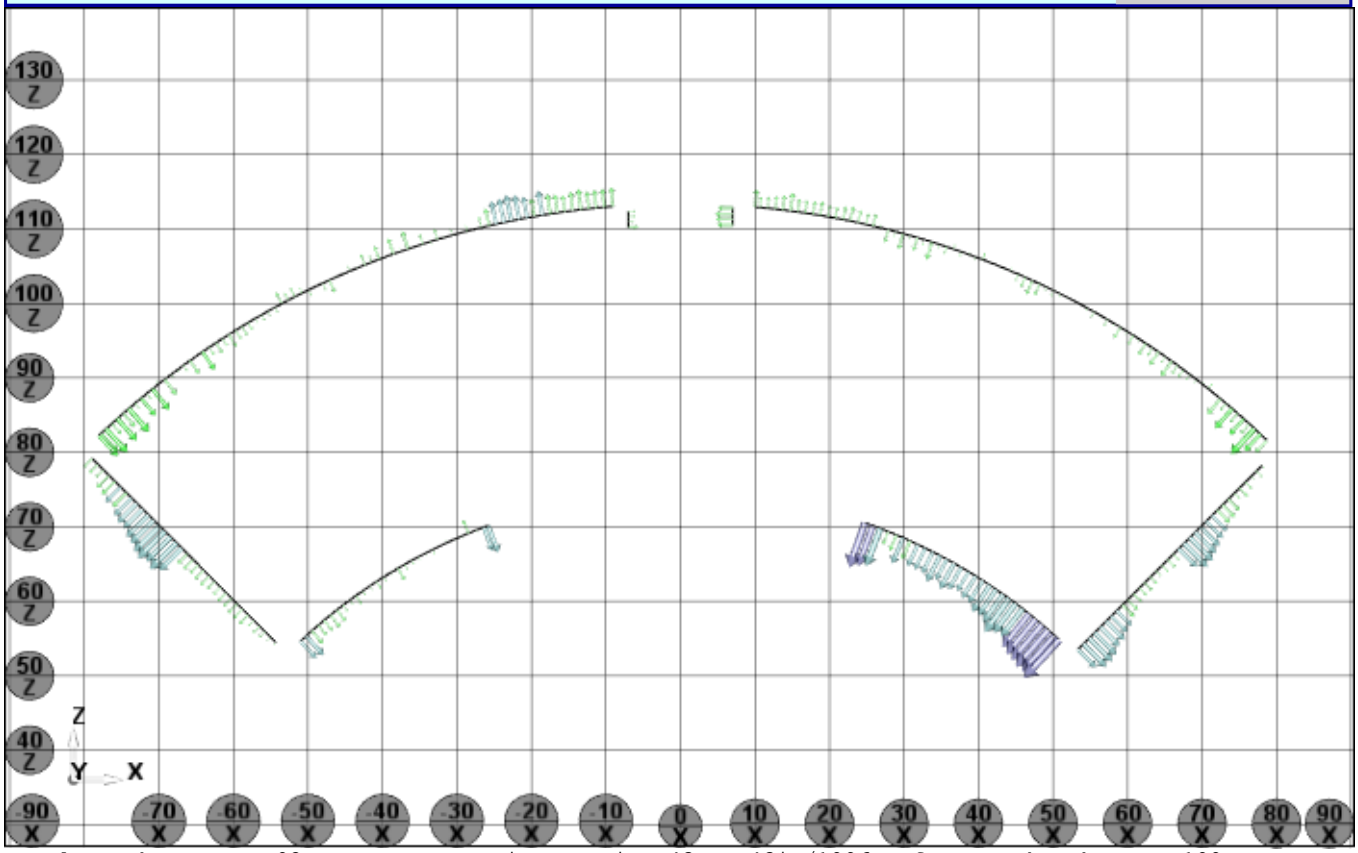
	MM	PROF334 - SCN_S43_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.023	0.023	0.019	0.127	0.127	0.000

	MM	PROF335 - SCN_S43_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.014	0.014	0.007	0.127	0.127	0.000

	MM	PROF336 - SCN_S43_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.079	0.036	-0.043	0.127	0.127	0.000

	MM	PROF337 - SCN_S43_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.052	0.052	0.005	0.127	0.127	0.000

	MM	PROF338 - SCN_S43_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.058	0.039	-0.019	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 43 at 43in/1096mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

	MM	9 - CIRC43				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	0.000	0.000	0.000	0.000	0.000
Y	-1095.993	-1096.008	-0.015	0.100	0.100	0.000
Z	0.000	0.000	0.000	0.000	0.000	0.000
R	113.380	113.225	-0.155	0.127	0.127	0.028
RN	0.000	0.065	0.065	0.127	0.000	0.000

	MM	PROF211 - SCN_S43_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.225	0.225	0.176	0.127	0.127	0.098

	MM	PROF212 - SCN_S43_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.168	0.168	0.128	0.127	0.127	0.041

	MM	PROF213 - SCN_S43_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.188	-0.123	-0.188	0.127	0.127	0.061

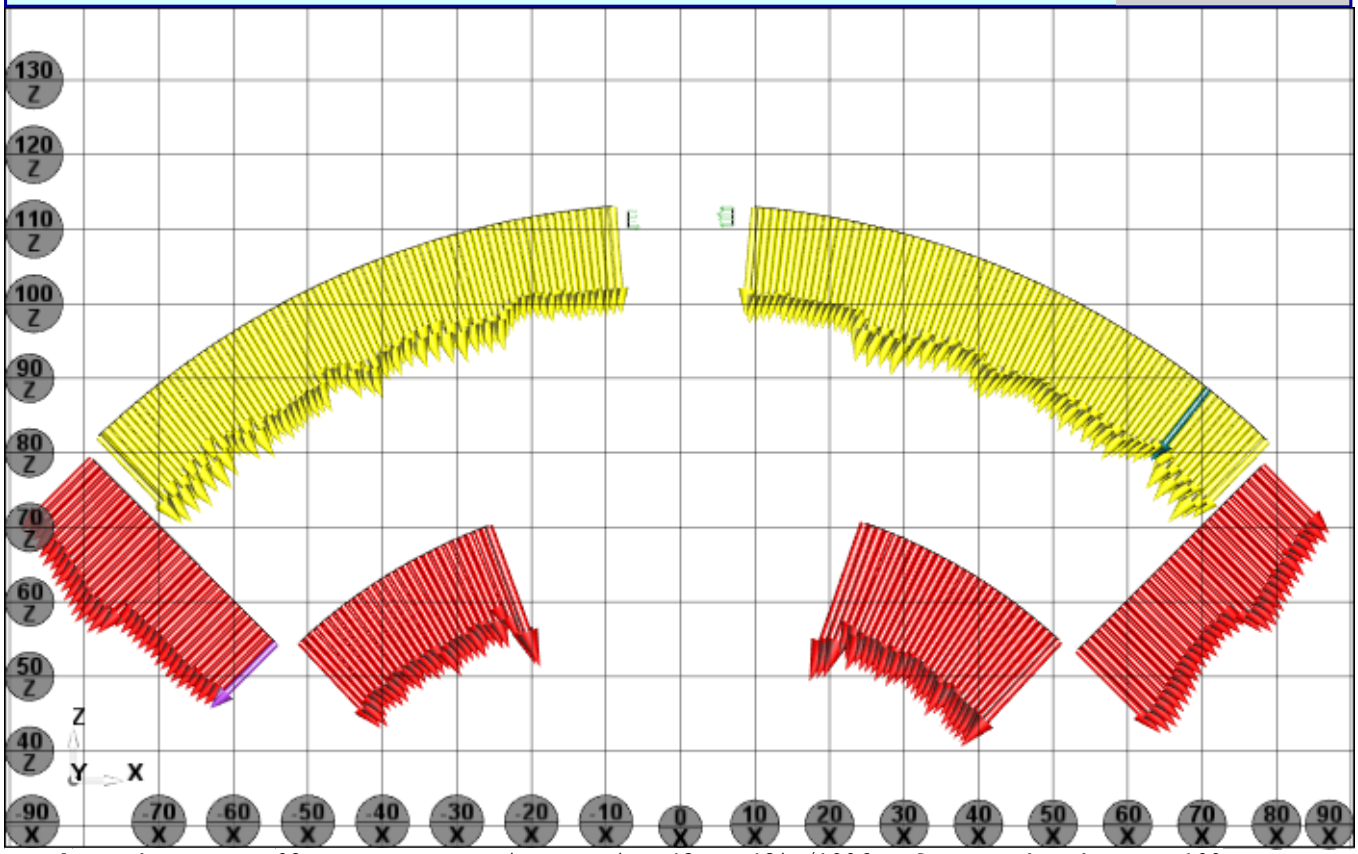
	MM	PROF214 - SCN_S43_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.021	0.021	0.016	0.127	0.127	0.000

	MM	PROF215 - SCN_S43_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.016	0.016	0.010	0.127	0.127	0.000

	MM	PROF216 - SCN_S43_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.175	-0.132	-0.175	0.127	0.127	0.048

	MM	PROF217 - SCN_S43_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.171	0.171	0.125	0.127	0.127	0.044

	MM	PROF218 - SCN_S43_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.201	0.201	0.140	0.127	0.127	0.074



Sample Number: SQXF02 Cross Section Station 43 at 43in/1096mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 50 at 50 inches/1273mm from LEAD END SLOTTED O.D. ========

	MM	PROF219 - SCN_S50_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.062	0.062	0.018	0.127	0.127	0.000

	MM	PROF220 - SCN_S50_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.045	0.045	0.008	0.127	0.127	0.000

	MM	PROF221 - SCN_S50_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.095	0.004	-0.091	0.127	0.127	0.000

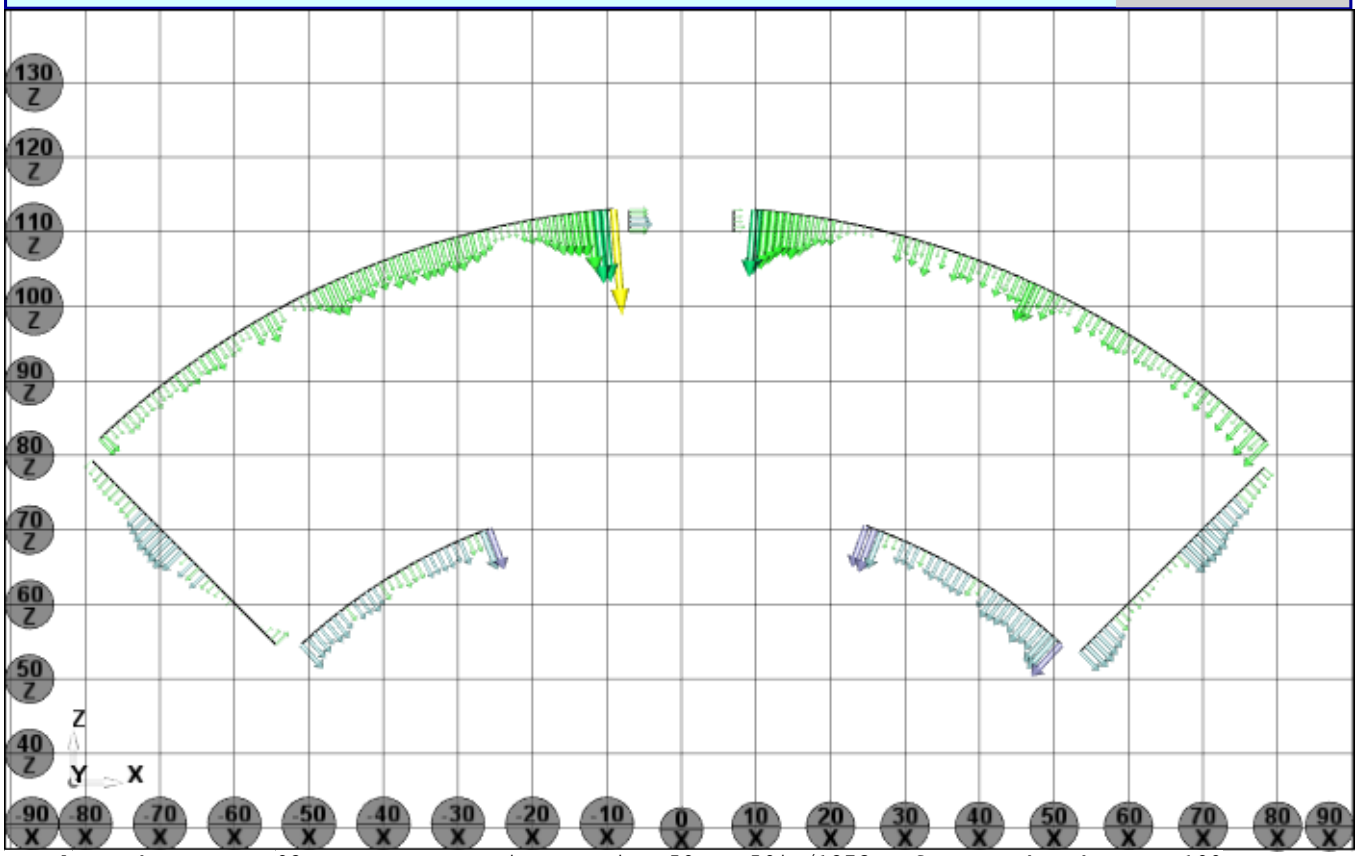
	MM	PROF222 - SCN_S50_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.016	-0.011	-0.016	0.127	0.127	0.000

	MM	PROF223 - SCN_S50_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.032	0.032	0.025	0.127	0.127	0.000

	MM	PROF224 - SCN_S50_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.143	-0.003	-0.143	0.127	0.127	0.016

	MM	PROF225 - SCN_S50_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.069	0.044	-0.024	0.127	0.127	0.000

	MM	PROF226 - SCN_S50_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.058	0.058	0.019	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 50 at 50in/1273mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF227 - SCN_S50_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.049	0.034	-0.015	0.127	0.127	0.000

	MM	PROF228 - SCN_S50_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.037	0.015	-0.022	0.127	0.127	0.000

	MM	PROF229 - SCN_S50_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.093	0.039	-0.055	0.127	0.127	0.000

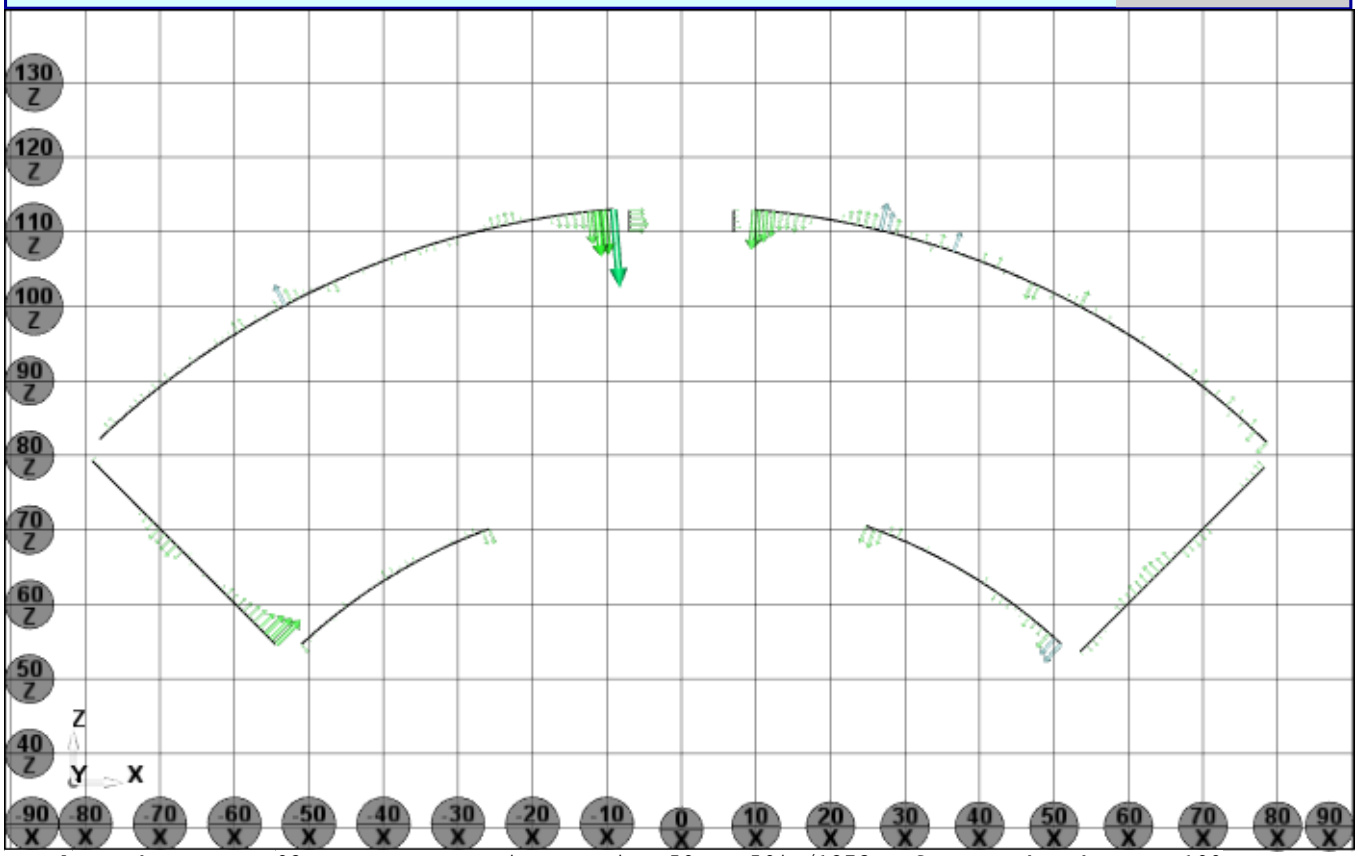
	MM	PROF230 - SCN_S50_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.011	-0.006	-0.011	0.127	0.127	0.000

	MM	PROF231 - SCN_S50_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.027	0.027	0.020	0.127	0.127	0.000

	MM	PROF232 - SCN_S50_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.138	0.032	-0.106	0.127	0.127	0.000

	MM	PROF233 - SCN_S50_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.069	0.022	-0.047	0.127	0.127	0.000

	MM	PROF234 - SCN_S50_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.036	0.022	-0.014	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 50 at 50in/1273mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF339 - SCN_S50_IDP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.050	0.034	-0.016	0.127	0.127	0.000

	MM	PROF340 - SCN_S50_SP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.037	0.013	-0.023	0.127	0.127	0.000

	MM	PROF341 - SCN_S50_ODP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.093	0.040	-0.053	0.127	0.127	0.000

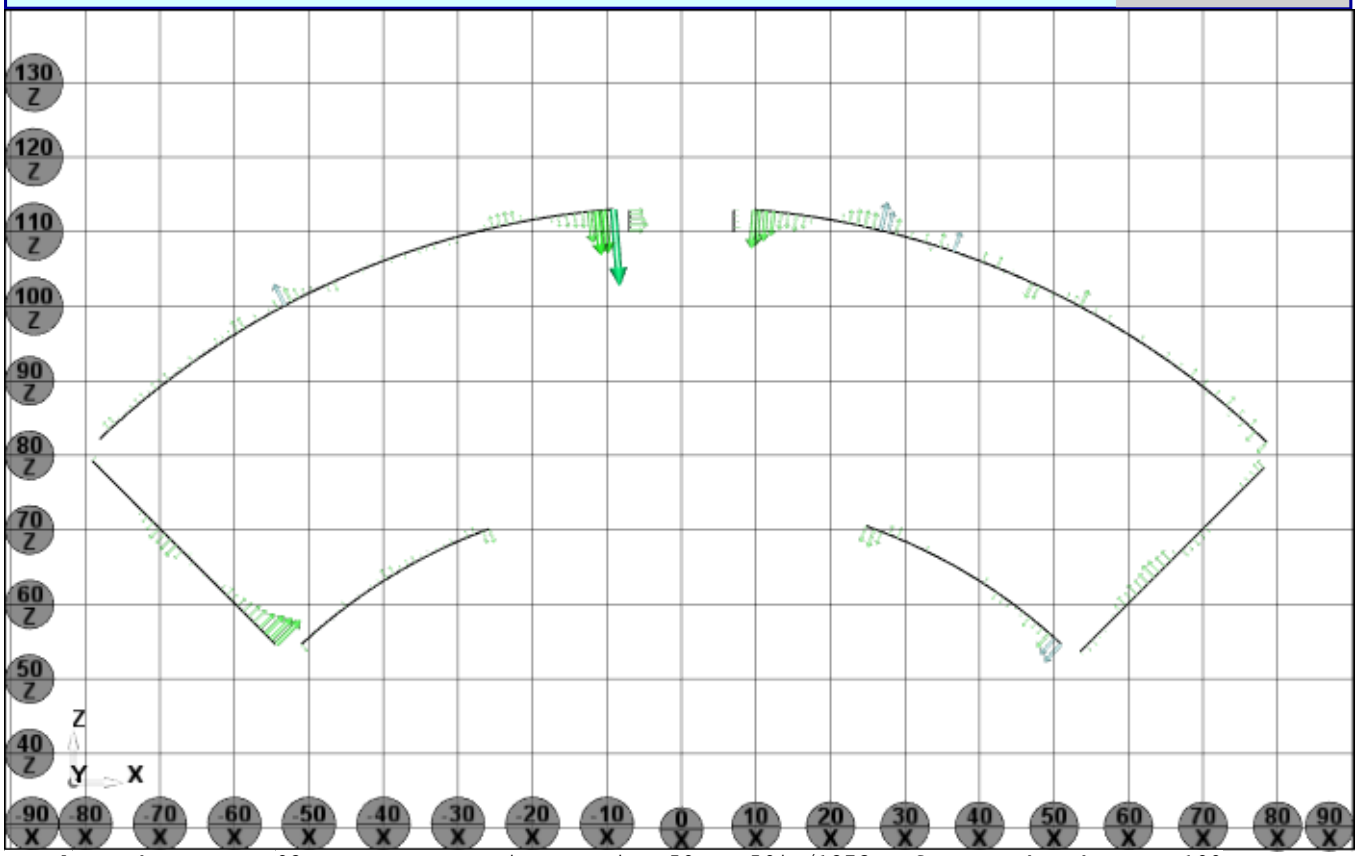
	MM	PROF342 - SCN_S50_SLP FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.010	-0.005	-0.010	0.127	0.127	0.000

	MM	PROF343 - SCN_S50_SLN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.026	0.026	0.019	0.127	0.127	0.000

	MM	PROF344 - SCN_S50_ODN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.138	0.033	-0.105	0.127	0.127	0.000

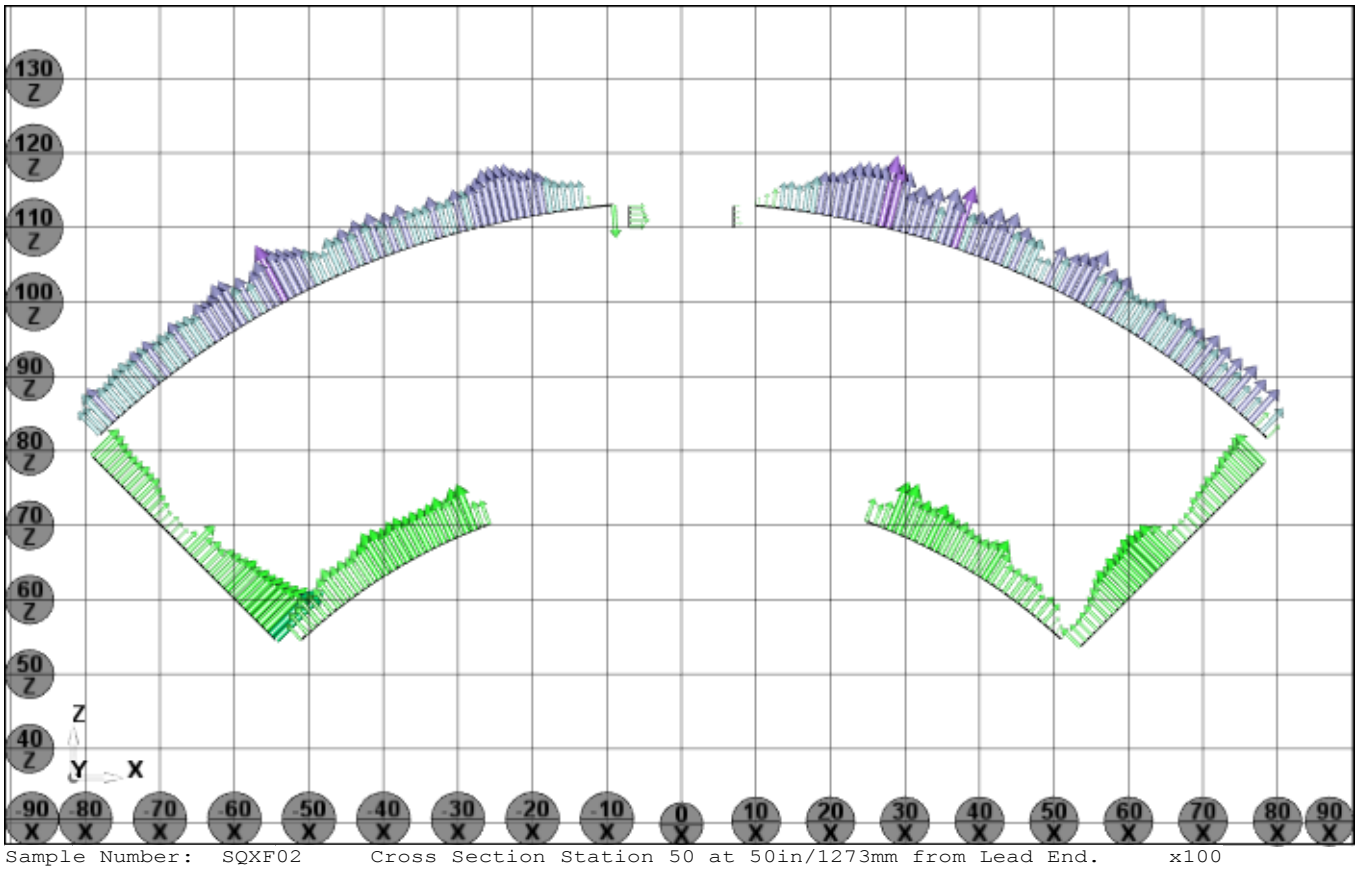
	MM	PROF345 - SCN_S50_SN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.069	0.022	-0.047	0.127	0.127	0.000

	MM	PROF346 - SCN_S50_IDN FORMANDLOCATION				
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL
M	0.036	0.021	-0.016	0.127	0.127	0.000



Sample Number: SQXF02 Cross Section Station 50 at 50in/1273mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

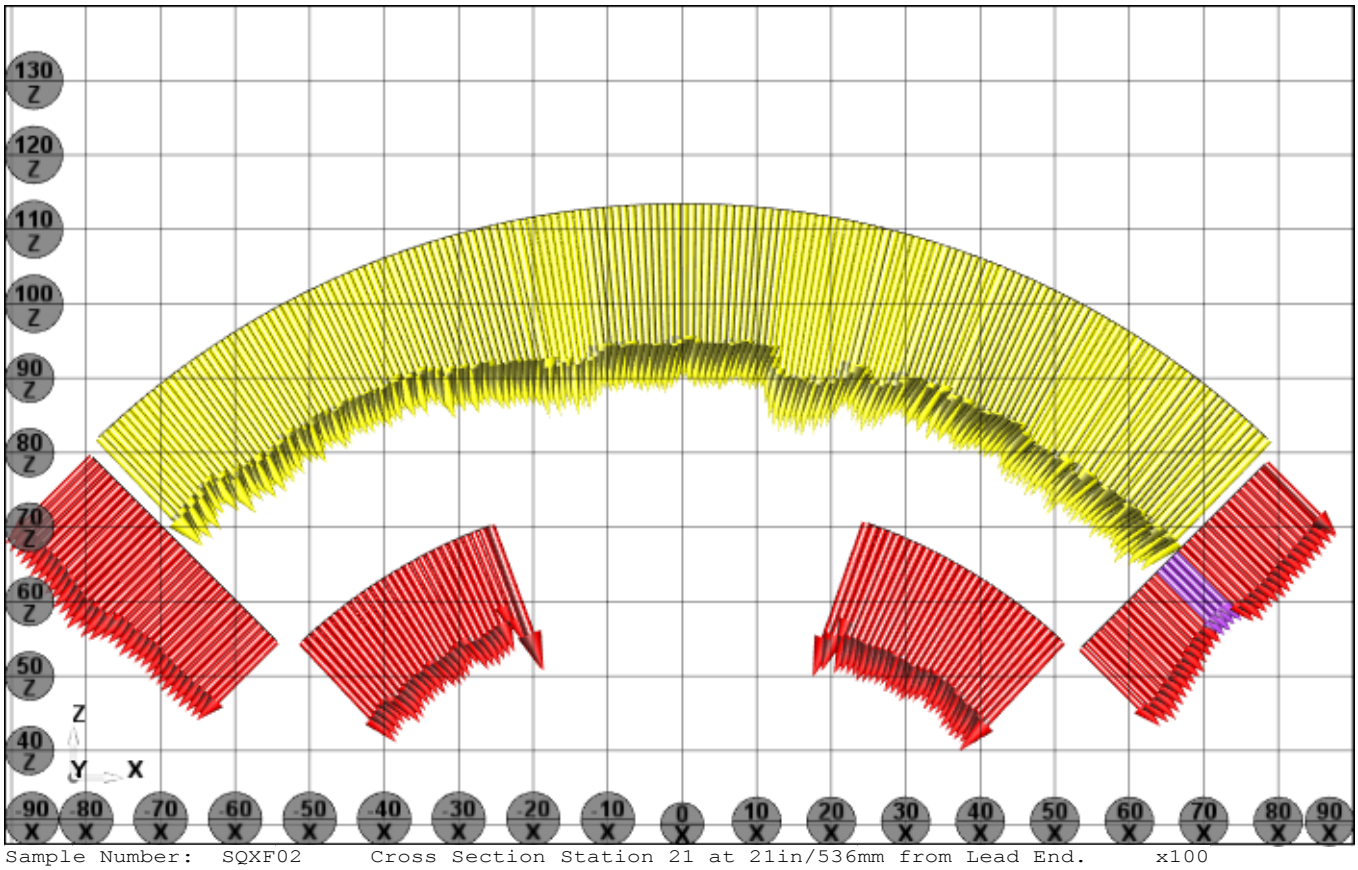
	MM	11 - CIRC50					
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL	
X	0.000	0.000	0.000	0.000	0.000	0.000	
Y	-1273.022	-1272.991	0.030	0.100	0.100	0.000	
Z	0.000	0.000	0.000	0.000	0.000	0.000	
R	113.380	113.434	0.054	0.127	0.127	0.000	
RN	0.000	0.144	0.144	0.127	0.000	0.017	
	MM	PROF235 - SCN_S50_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.072	-0.012	-0.072	0.127	0.127	0.000	
	MM	PROF236 - SCN_S50_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.091	-0.022	-0.091	0.127	0.127	0.000	
	MM	PROF237 - SCN_S50_ODP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.099	0.099	0.007	0.127	0.127	0.000	
	MM	PROF238 - SCN_S50_SLP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.012	-0.007	-0.012	0.127	0.127	0.000	
	MM	PROF239 - SCN_S50_SLN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.028	0.028	0.021	0.127	0.127	0.000	
	MM	PROF240 - SCN_S50_ODN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.130	0.085	-0.045	0.127	0.127	0.000	
	MM	PROF241 - SCN_S50_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.064	-0.028	-0.064	0.127	0.127	0.000	
	MM	PROF242 - SCN_S50_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.066	-0.029	-0.066	0.127	0.127	0.000	



Sample Number: SQXF02 Cross Section Station 50 at 50in/1273mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

======== CROSS SECTION at STATION 53 at 53 inches/1349mm from LEAD END FULL O.D. ========

	MM	PROF243 - SCN_S53_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.219	0.219	0.175	0.127	0.127	0.092	
	MM	PROF244 - SCN_S53_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.157	0.157	0.123	0.127	0.127	0.030	
	MM	PROF245 - SCN_S53_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.299	-0.182	-0.299	0.127	0.127	0.172	
	MM	PROF246 - SCN_S53_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.187	0.187	0.151	0.127	0.127	0.060	
	MM	PROF247 - SCN_S53_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.207	0.207	0.143	0.127	0.127	0.080	



Sample Number: SQXF02 Cross Section Station 21 at 21in/536mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

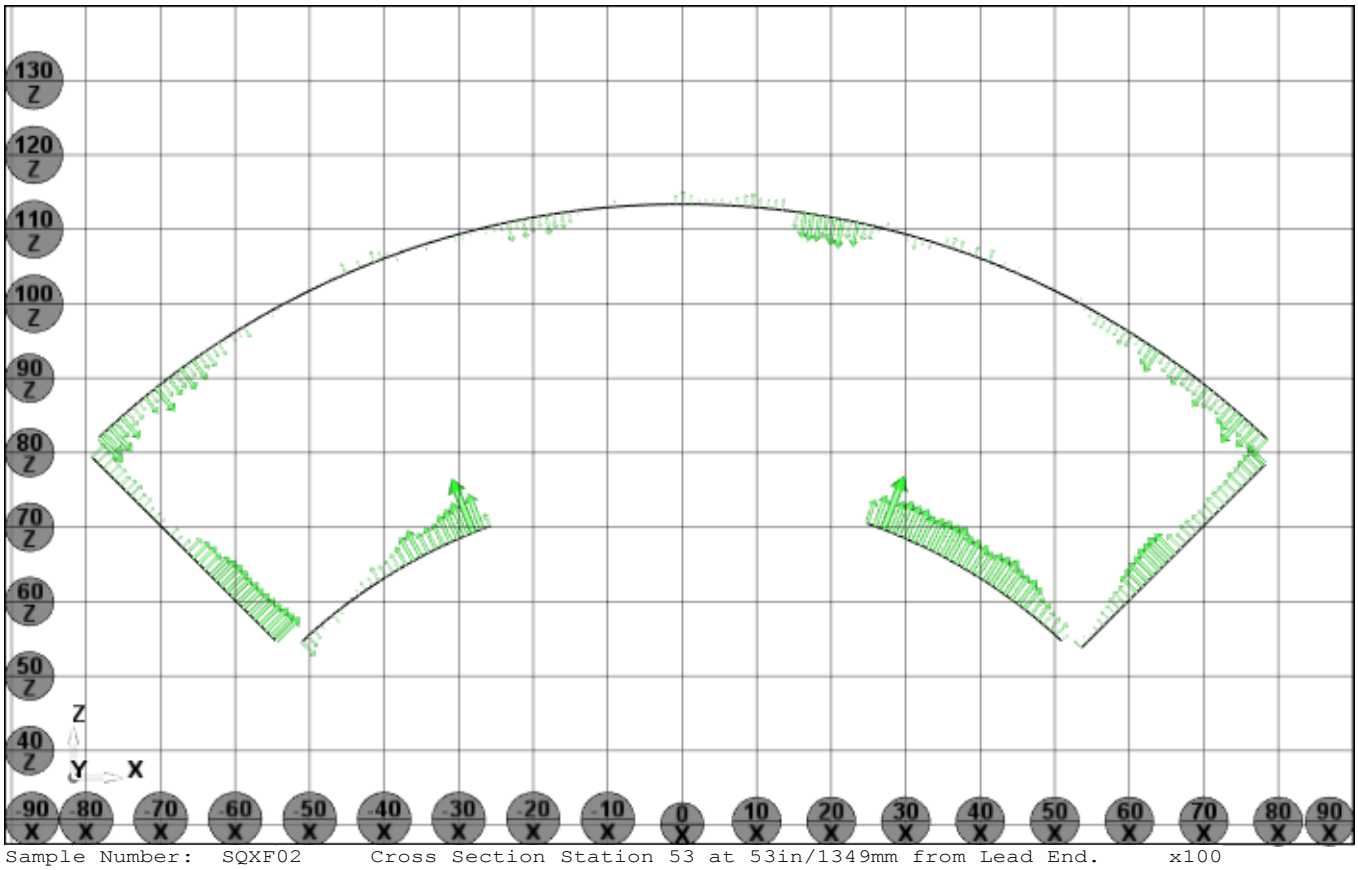
	MM	PROF248 - SCN_S53_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.077	-0.013	-0.077	0.127	0.127	0.000	

	MM	PROF249 - SCN_S53_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.043	-0.006	-0.043	0.127	0.127	0.000	

	MM	PROF250 - SCN_S53_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.066	0.020	-0.047	0.127	0.127	0.000	

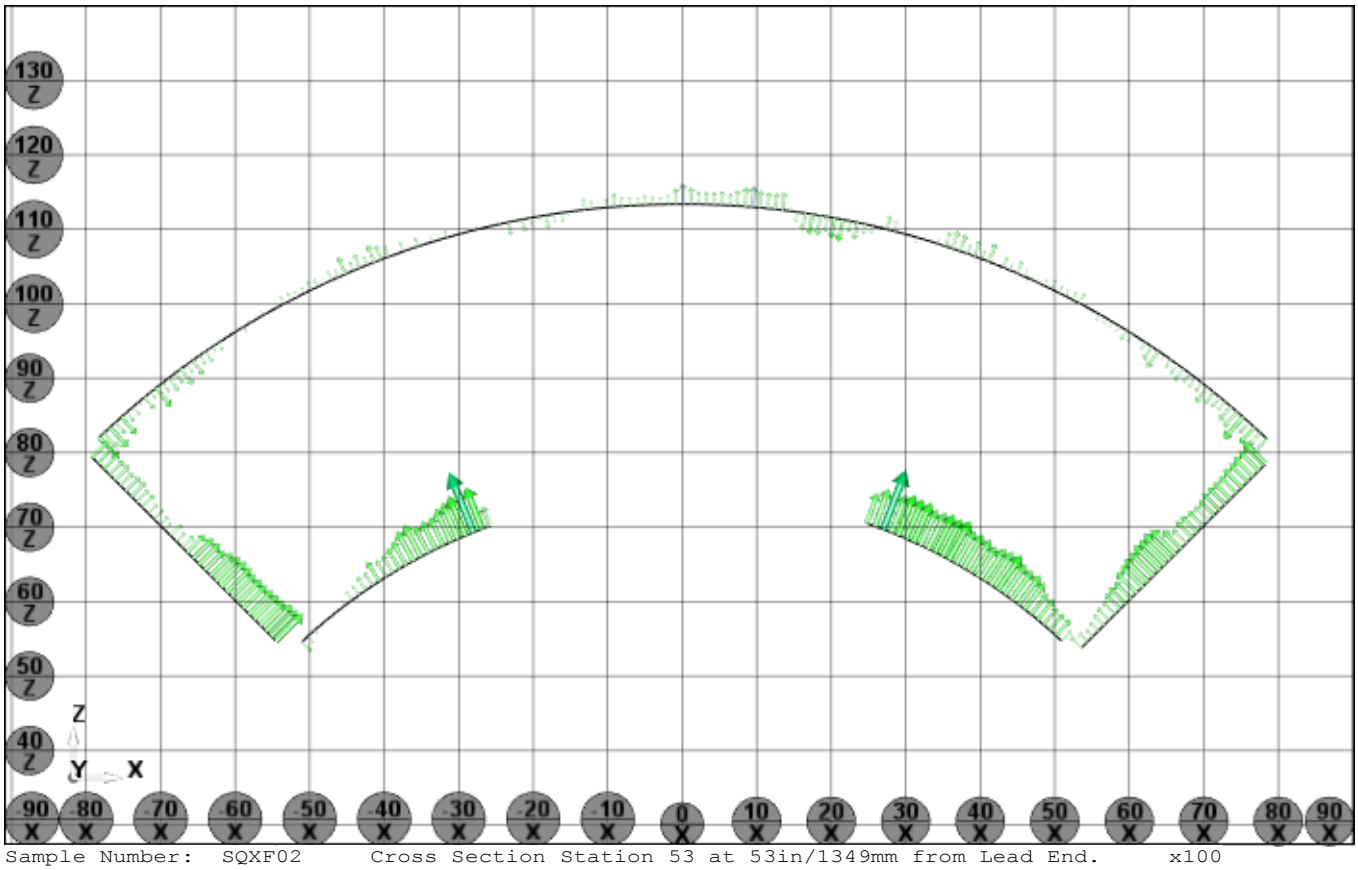
	MM	PROF251 - SCN_S53_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.046	-0.006	-0.046	0.127	0.127	0.000	

	MM	PROF252 - SCN_S53_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.105	0.027	-0.078	0.127	0.127	0.000	



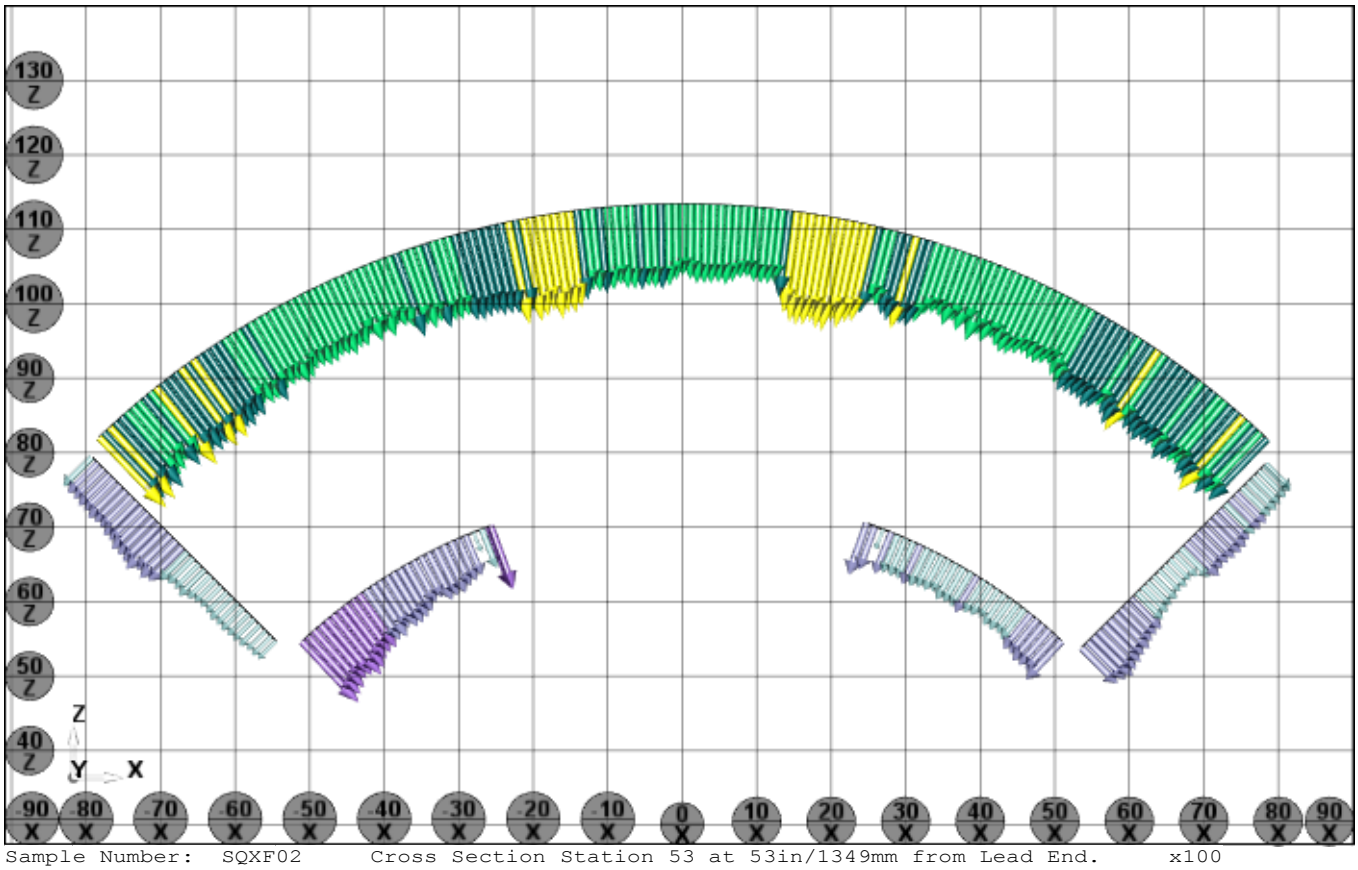
Sample Number: SQXF02 Cross Section Station 53 at 53in/1349mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

	MM	PROF347 - SCN_S53_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.086	-0.019	-0.086	0.127	0.127	0.000	
	MM	PROF348 - SCN_S53_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.050	-0.013	-0.050	0.127	0.127	0.000	
	MM	PROF349 - SCN_S53_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.069	0.029	-0.040	0.127	0.127	0.000	
	MM	PROF350 - SCN_S53_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.052	-0.012	-0.052	0.127	0.127	0.000	
	MM	PROF351 - SCN_S53_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.107	0.019	-0.087	0.127	0.127	0.000	



Sample Number: SQXF02 Cross Section Station 53 at 53in/1349mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

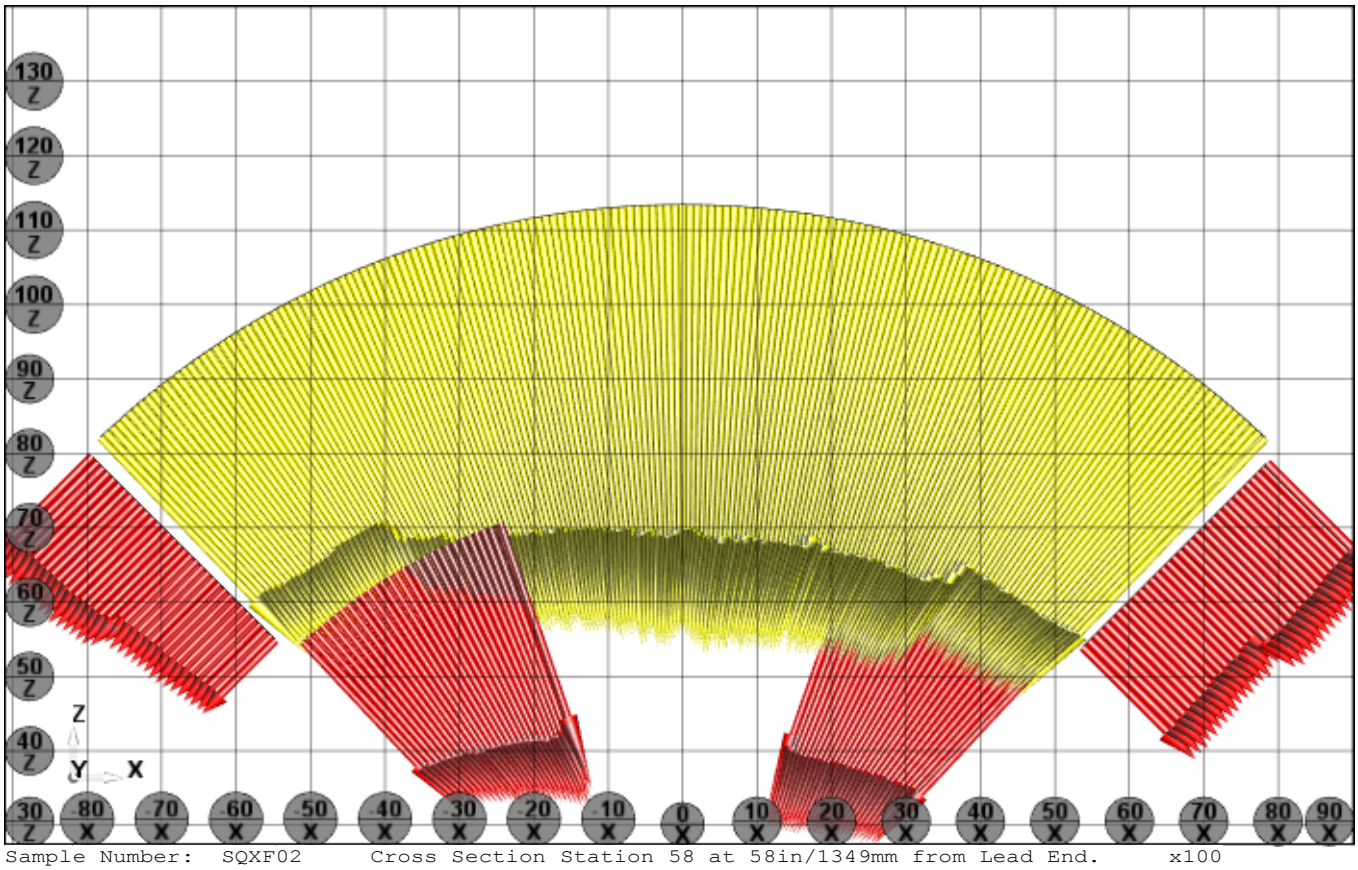
⌖	MM	10 - CIRC53					
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL	
X	0.000	0.000	0.000	0.000	0.000	0.000	
Y	-1349.001	-1349.002	-0.002	0.100	0.100	0.000	
Z	0.000	0.000	0.000	0.000	0.000	0.000	
R	113.380	113.266	-0.114	0.127	0.127	0.000	
RN	0.000	0.064	0.064	0.127	0.000	0.000	
⌓	MM	PROF253 - SCN_S53_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.073	0.073	0.029	0.127	0.127	0.000	
⌓	MM	PROF254 - SCN_S53_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.076	0.076	0.039	0.127	0.127	0.000	
⌓	MM	PROF255 - SCN_S53_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.153	-0.089	-0.153	0.127	0.127	0.026	
⌓	MM	PROF256 - SCN_S53_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.074	0.074	0.034	0.127	0.127	0.000	
⌓	MM	PROF257 - SCN_S53_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.112	0.112	0.029	0.127	0.127	0.000	



Sample Number: SQXF02 Cross Section Station 53 at 53in/1349mm from Lead End. x100
Alignment is: this Cross-Section only, Constructed Circle from O.D.

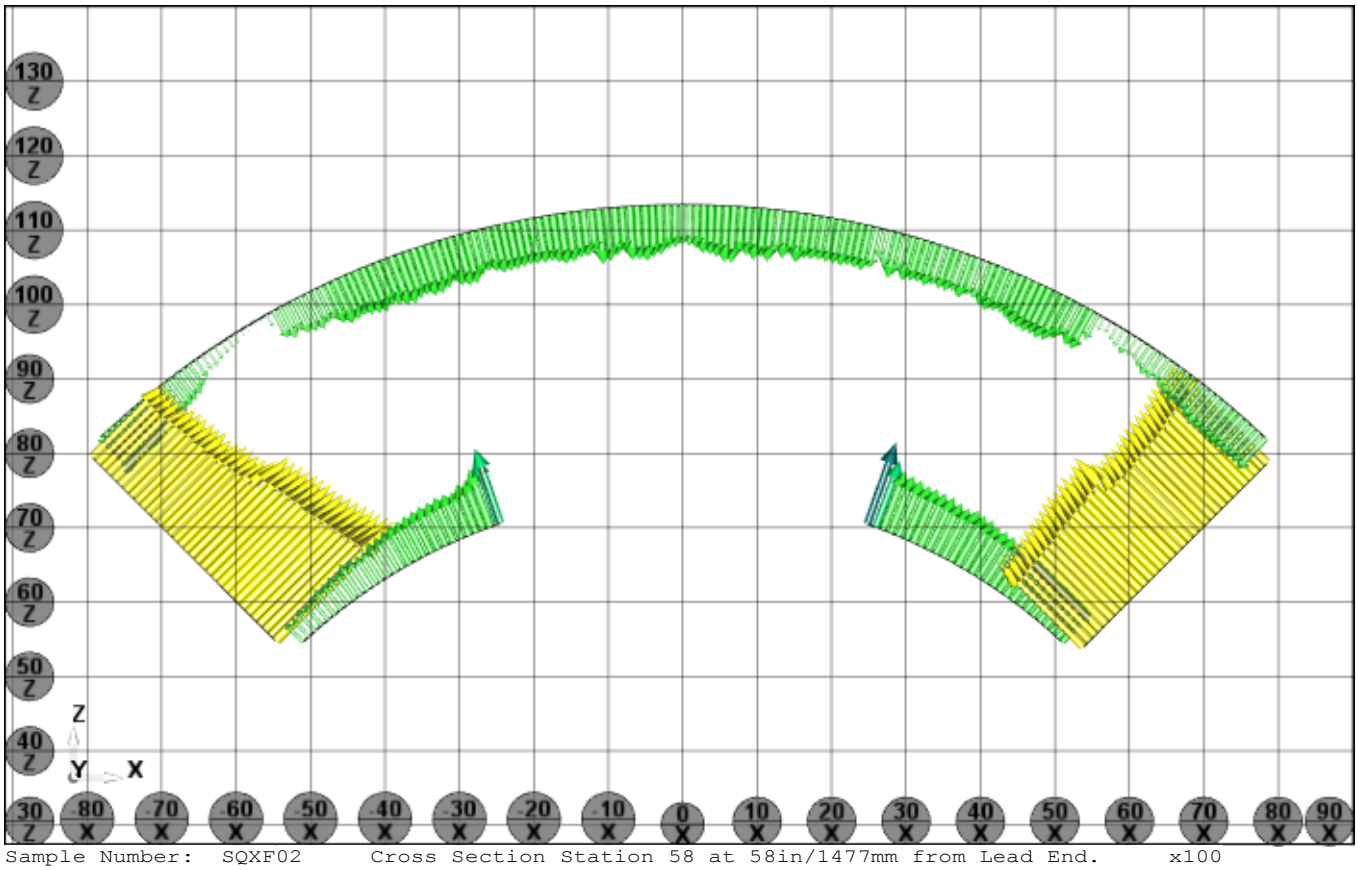
========== CROSS SECTION at STATION 58 at 58 inches/1477mm from LEAD END FULL O.D. ==========

	MM	PROF258 - SCN_S58_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.431	0.431	0.373	0.127	0.127	0.304	
	MM	PROF259 - SCN_S58_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.229	0.229	0.201	0.127	0.127	0.102	
	MM	PROF260 - SCN_S58_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.605	-0.401	-0.605	0.127	0.127	0.478	
	MM	PROF261 - SCN_S58_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.204	0.204	0.140	0.127	0.127	0.077	
	MM	PROF262 - SCN_S58_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.396	0.396	0.302	0.127	0.127	0.269	



Sample Number: SQXF02 Cross Section Station 58 at 58in/1349mm from Lead End. x100
Alignment is: for ENTIRE COIL (O.D. & Sides)

	MM	PROF263 - SCN_S58_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.116	-0.058	-0.116	0.127	0.127	0.000	
	MM	PROF264 - SCN_S58_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.188	-0.162	-0.188	0.127	0.127	0.061	
	MM	PROF265 - SCN_S58_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.076	-0.004	-0.076	0.127	0.127	0.000	
	MM	PROF266 - SCN_S58_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.225	-0.139	-0.225	0.127	0.127	0.098	
	MM	PROF267 - SCN_S58_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.106	-0.033	-0.106	0.127	0.127	0.000	



Sample Number: SQXF02 Cross Section Station 58 at 58in/1477mm from Lead End. x100
Alignment is: this Cross-Section only (O.D. & Sides)

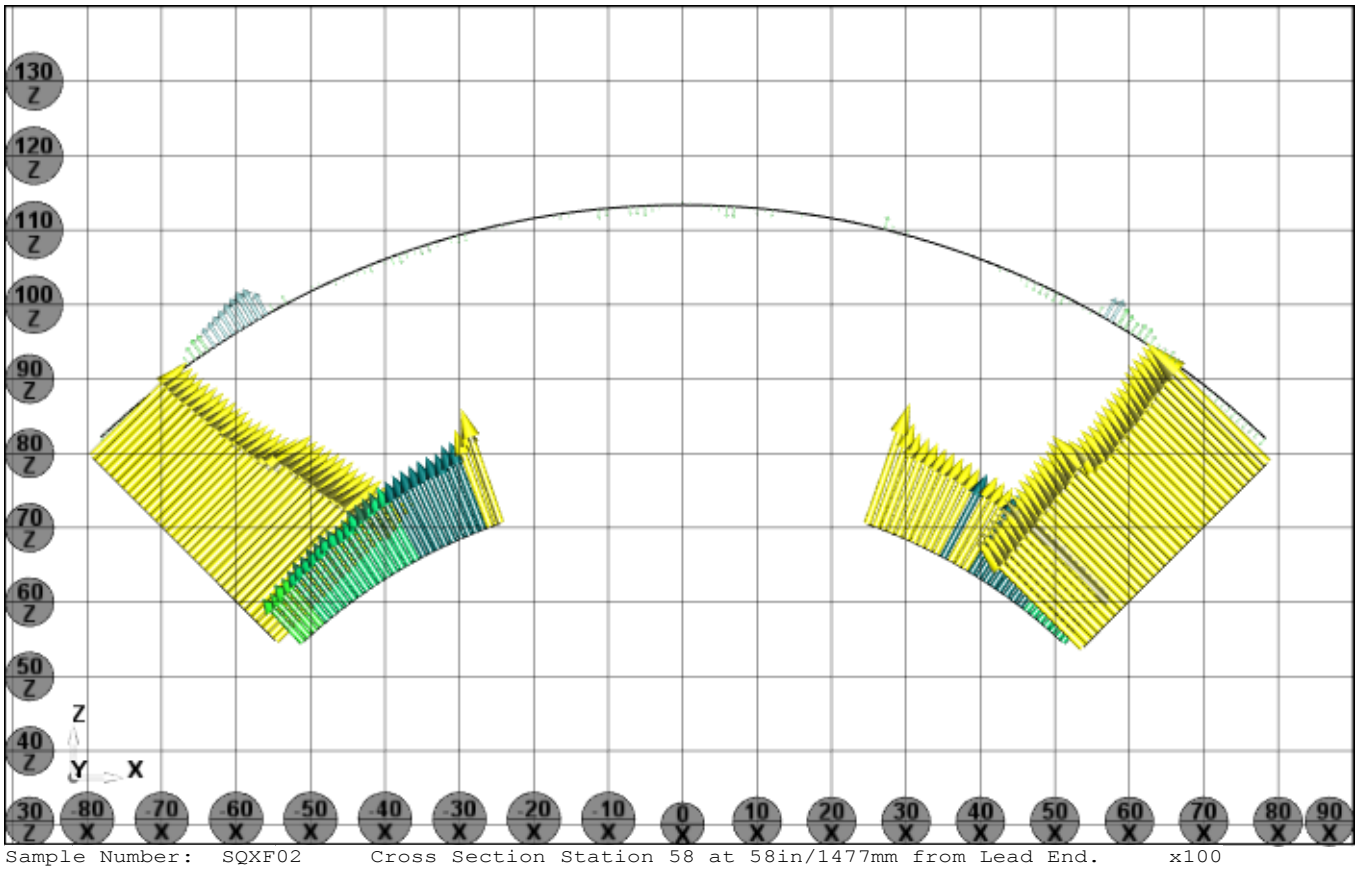
	MM	PROF352 - SCN_S58_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.173	-0.101	-0.173	0.127	0.127	0.046	

	MM	PROF353 - SCN_S58_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.232	-0.206	-0.232	0.127	0.127	0.105	

	MM	PROF354 - SCN_S58_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.072	0.048	-0.024	0.127	0.127	0.000	

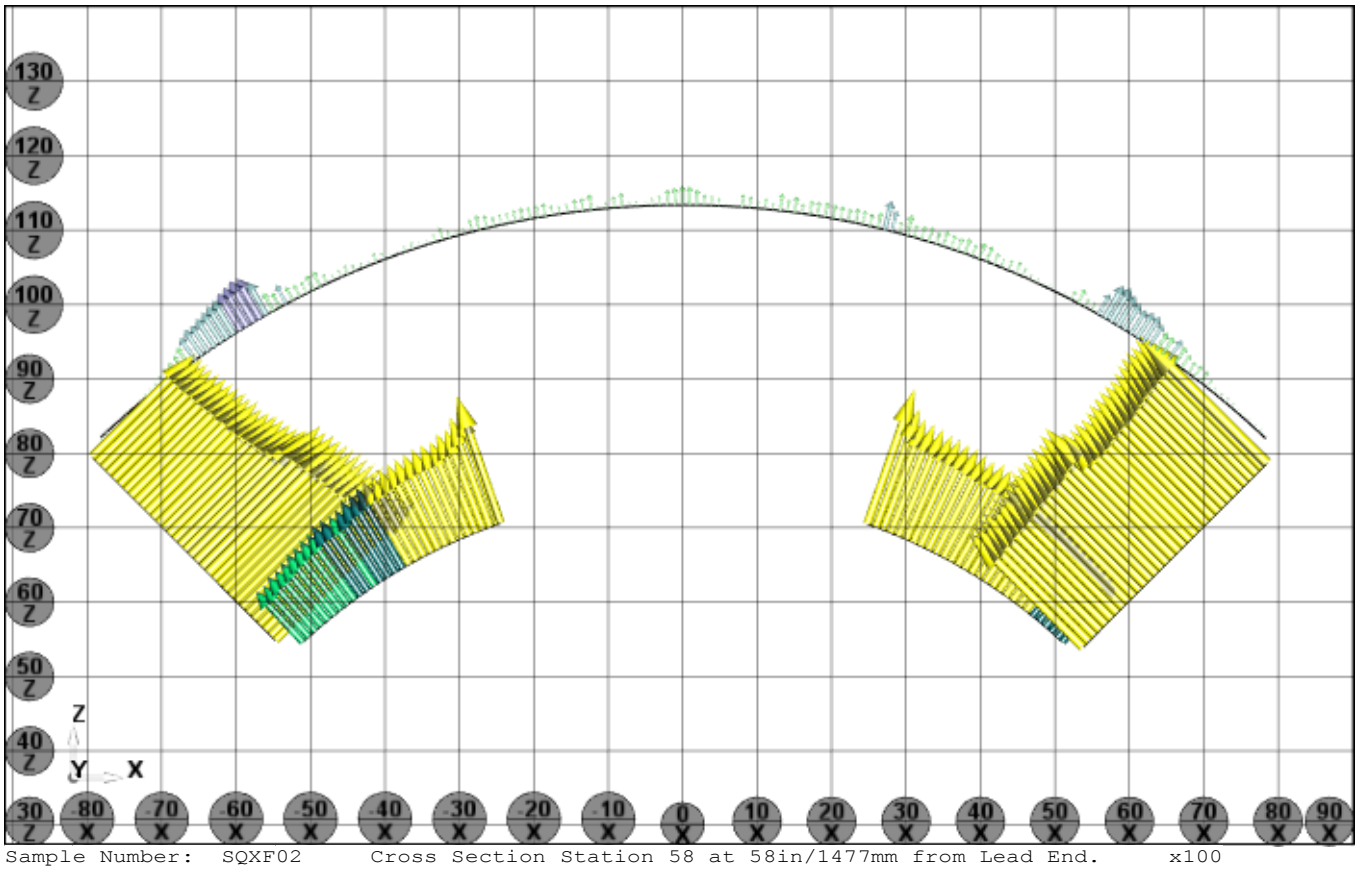
	MM	PROF355 - SCN_S58_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.267	-0.181	-0.267	0.127	0.127	0.140	

	MM	PROF356 - SCN_S58_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.163	-0.078	-0.163	0.127	0.127	0.036	



Sample Number: SQXF02 Cross Section Station 58 at 58in/1477mm from Lead End. x100
Alignment is: this Cross-Section only -Z- to O.D. & -X- to Sides

⌖	MM	12 - CIRC58					
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL	
X	0.000	0.000	0.000	0.000	0.000	0.000	
Y	-1476.999	-1477.000	-0.001	0.100	0.100	0.000	
Z	0.000	0.000	0.000	0.000	0.000	0.000	
R	113.380	113.398	0.018	0.127	0.127	0.000	
RN	0.000	0.075	0.075	0.127	0.000	0.000	
⌓	MM	PROF268 - SCN_S58_IDP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.193	-0.117	-0.193	0.127	0.127	0.066	
⌓	MM	PROF269 - SCN_S58_SP FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.244	-0.218	-0.244	0.127	0.127	0.117	
⌓	MM	PROF270 - SCN_S58_OD FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.075	0.064	-0.011	0.127	0.127	0.000	
⌓	MM	PROF271 - SCN_S58_SN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.283	-0.197	-0.283	0.127	0.127	0.156	
⌓	MM	PROF272 - SCN_S58_IDN FORMANDLOCATION					
AX	MEAS	MAX	MIN	+TOL	-TOL	OUTTOL	
M	0.181	-0.091	-0.181	0.127	0.127	0.054	



Sample Number: SQXF02 Cross Section Station 58 at 58in/1477mm from Lead End. x100
Alignment is: this Cross-Section only Constructed Circle from O.D.

Measurement of points in center groove, aligned to whole coil.

	MM	13 - PNT_S15				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.036	-0.036	0.100	0.100	0.000
Y	-384.000	-381.992	2.008	20.000	20.000	0.000
Z	107.130	107.146	0.016	0.127	0.127	0.000

	MM	14 - PNT_S21				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.035	-0.035	0.100	0.100	0.000
Y	-536.000	-526.974	9.026	20.000	20.000	0.000
Z	107.130	107.405	0.275	0.127	0.127	0.148

	MM	15 - PNT_S27				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.036	-0.036	0.100	0.100	0.000
Y	-688.000	-679.990	8.010	20.000	20.000	0.000
Z	107.130	107.523	0.393	0.127	0.127	0.266

	MM	16 - PNT_S295				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.039	-0.039	0.100	0.100	0.000
Y	-752.000	-752.005	-0.005	20.000	20.000	0.000
Z	107.130	107.605	0.475	0.127	0.127	0.348

⊕	MM	17 - PNT_S32				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.036	-0.036	0.100	0.100	0.000
Y	-816.000	-816.006	-0.006	20.000	20.000	0.000
Z	107.130	107.602	0.472	0.127	0.127	0.345

⊕	MM	18 - PNT_S37				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.036	-0.036	0.100	0.100	0.000
Y	-943.000	-955.028	-12.028	20.000	20.000	0.000
Z	107.130	107.549	0.419	0.127	0.127	0.292

⊕	MM	19 - PNT_S43				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.037	-0.037	0.100	0.100	0.000
Y	-1096.000	-1110.024	-14.024	20.000	20.000	0.000
Z	107.130	107.490	0.360	0.127	0.127	0.233

⊕	MM	20 - PNT_S50				
AX	NOMINAL	MEAS	DEV	+TOL	-TOL	OUTTOL
X	0.000	-0.036	-0.036	0.100	0.100	0.000
Y	-1273.000	-1280.049	-7.049	20.000	20.000	0.000
Z	107.130	107.152	0.022	0.127	0.127	0.000