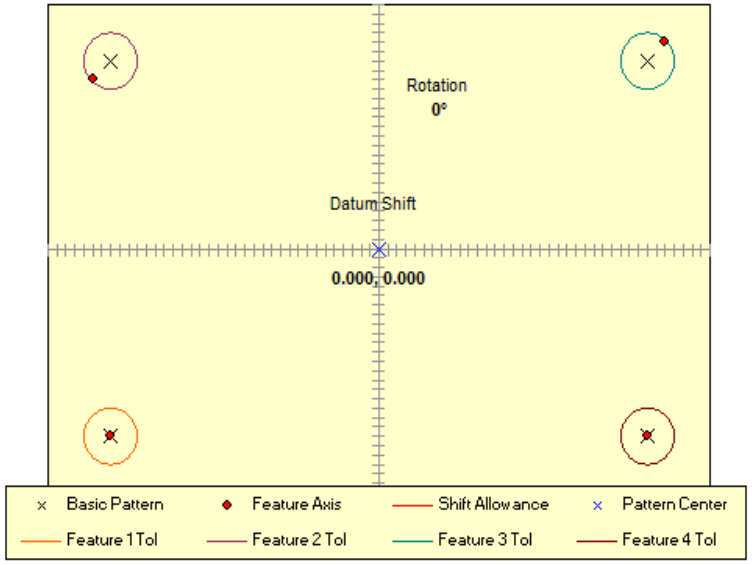
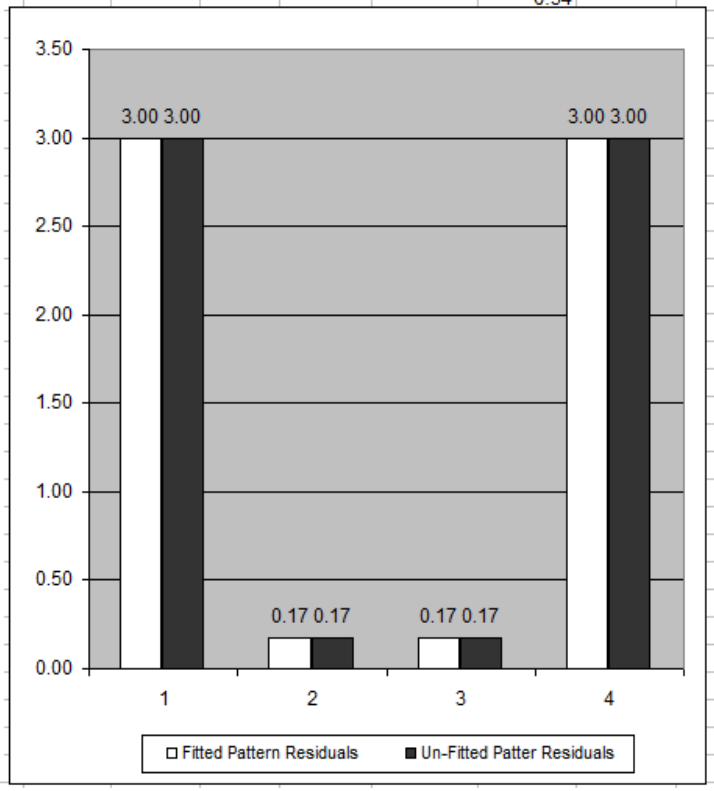
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	MMC	4.90	0	0	0	0			Tolerance specified @MMC			3.00				
2	Location	Size	X Measured	Y Measured	X	Y	X Basic	Y Basic	X Dev	Ydev	Feature	Position Deviation	Variable Tolerance	Residual Tolerance		
3	360	4.90	-15.00	-10.00	-15.00	-10.00	-15.00	-10.00	0.00	0.00	1	0.00	3.00	3.00		
4	90	4.90	-16.00	9.00	-16.00	9.00	-15.00	10.00	-1.00	-1.00	2	2.83	3.00	0.17		
5	180	4.90	16.00	11.00	16.00	11.00	15.00	10.00	1.00	1.00	3	2.83	3.00	0.17		
6	270	4.90	15.00	-10.00	15.00	-10.00	15.00	-10.00	0.00	0.00	4	0.00	3.00	3.00		
7			0.00	0.00	0.00	0.00								6.34		
8																
9	Datum	0.00	0.00	0.00												
10		0.00				Rotation	Translation X	Translation Y					Ø Shift Tol	Ø Shift		
11						0	0.000	0.00					0	0.00		
12			X Basic	Y Basic	X rotated	Y rotated	X	Y	X Dev	Ydev	Feature	Position Deviation	Variable Tolerance	Residual Tolerance		
13			-15.00	-10.00	-15.00	-10.00	-15.00	-10.00	0.00	0.00	1	0.00	3.00	3.00		
14			-15.00	10.00	-15.00	10.00	-15.00	10.00	-1.00	-1.00	2	2.83	3.00	0.17		
15			15.00	10.00	15.00	10.00	15.00	10.00	1.00	1.00	3	2.83	3.00	0.17		
			.00	-10.00	15.00	-10.00	15.00	-10.00	0.00	0.00	4	0.00	3.00	3.00		
														6.34		

Sizes unknown
Min Variable Tolerance
used as Constant

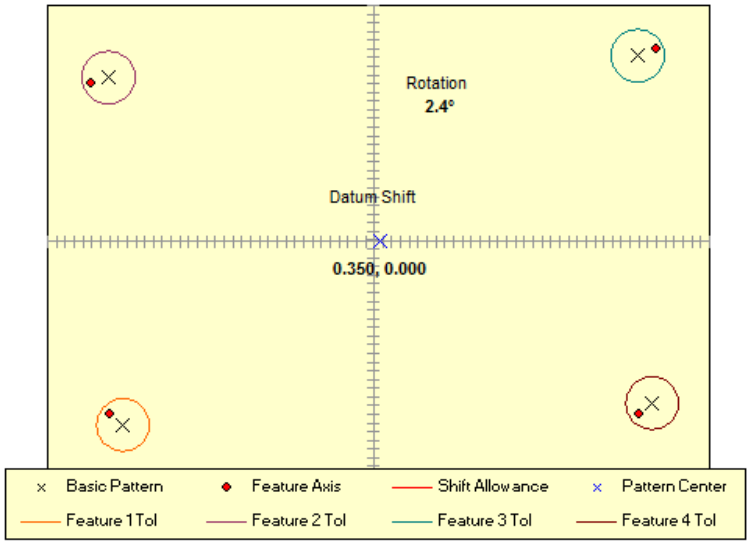
Center of basic pattern with
no rotation or translation

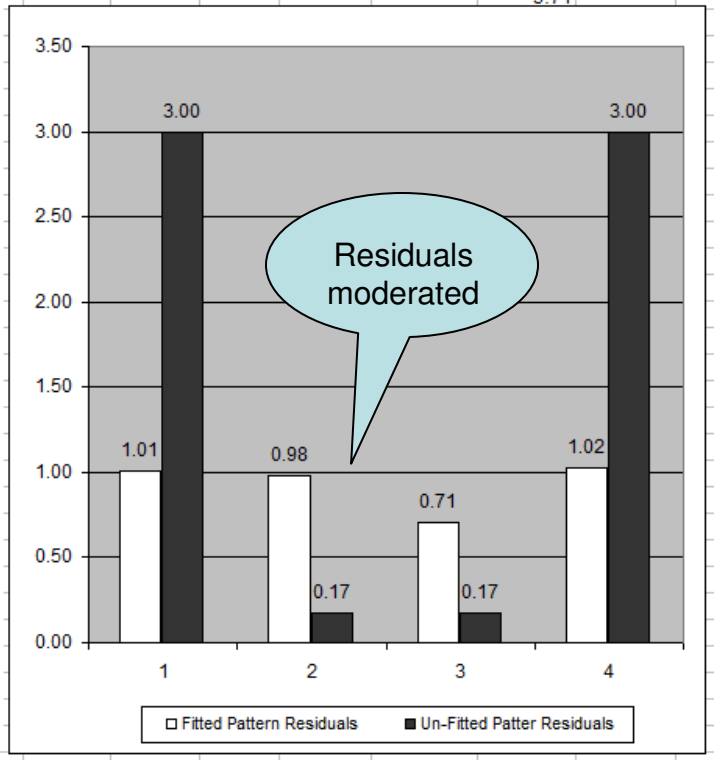
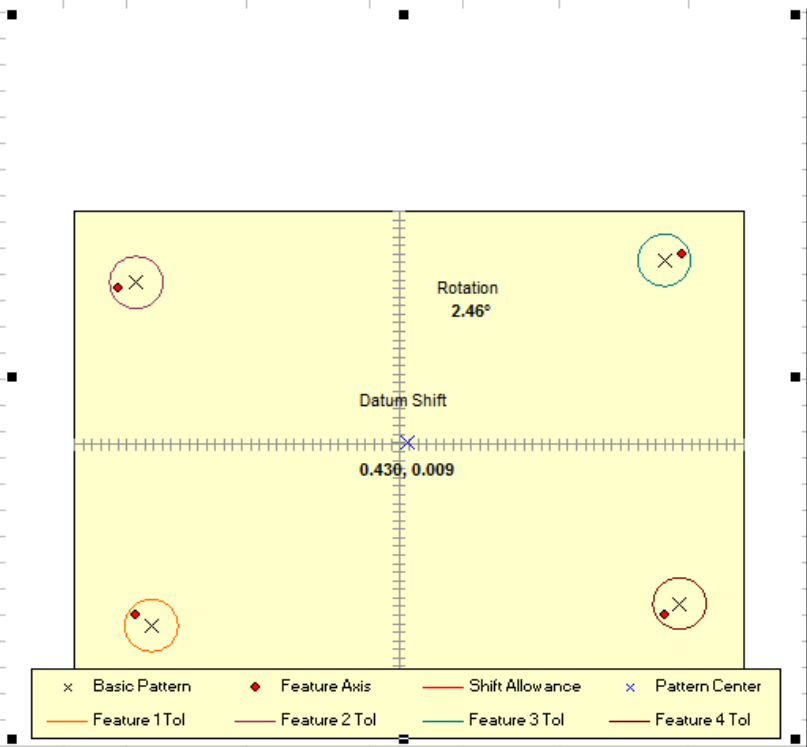
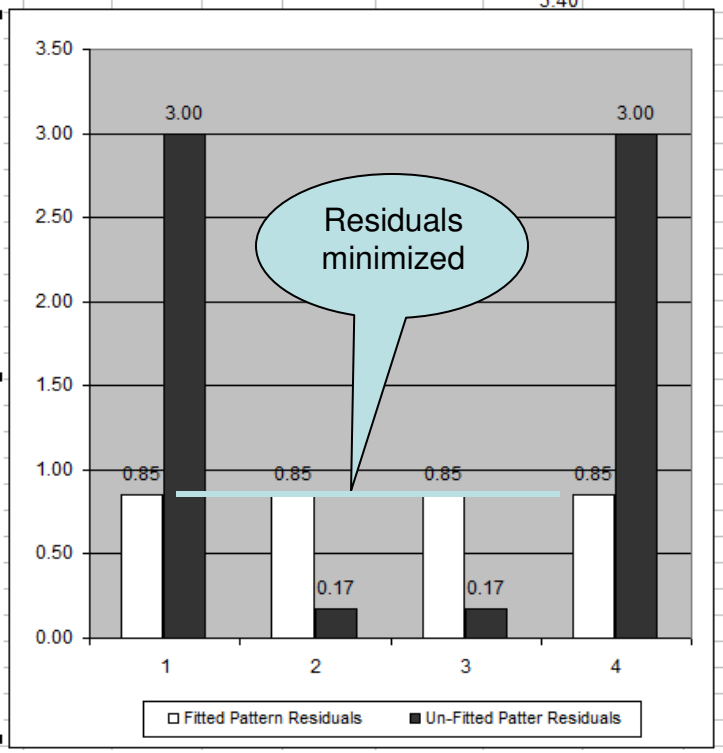




	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	MMC	4.90	0	0	0	0			Tolerance specified @MMC			3.00				
2	Location	Size	X Measured	Y Measured	X	Y	X Basic	Y Basic	X Dev	Ydev	Feature	Position Deviation	Variable Tolerance	Residual Tolerance		
3	360	4.90	-15.00	-10.00	-15.00	-10.00	-15.00	-10.00	0.00	0.00	1	0.00	3.00	3.00		
4	90	4.90	-16.00	9.00	-16.00	9.00	-15.00	10.00	-1.00	-1.00	2	2.83	3.00	0.17		
5	180	4.90	16.00	11.00	16.00	11.00	15.00	10.00	1.00	1.00	3	2.83	3.00	0.17		
6	270	4.90	15.00	-10.00	15.00	-10.00	15.00	-10.00	0.00	0.00	4	0.00	3.00	3.00		
7			0.00	0.00	0.00	0.00								6.34		
8																
9	Datum	0.00	0.00	0.00												
10		0.00				Rotation	Translation X	Translation Y					Ø Shift Tol	Ø Shift		
11						2.4	0.350	0.00					0	0.70		
12			X Basic	Y Basic	X rotated	Y rotated	X	Y	X Dev	Ydev	Feature	Position Deviation	Variable Tolerance	Residual Tolerance		
13			-15.00	-10.00	-14.57	-10.62	-14.22	-10.62	-0.78	0.62	1	1.99	3.00	1.01		
14			-15.00	10.00	-15.41	9.36	-15.06	9.36	-0.94	-0.36	2	2.02	3.00	0.98		
15			15.00	10.00	14.57	10.62	14.92	10.62	1.08	0.38	3	2.29	3.00	0.71		
16			15.00	-10.00	15.41	-9.36	15.76	-9.36	-0.76	-0.64	4	1.98	3.00	1.02		
17														3.71		

Positions with basic pattern rotated 2.4º and X +0.35





	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	MMC	4.90	0	0	0	0			Tolerance specified @MMC			3.00				
2	Location	Size	X Measured	Y Measured	X	Y	X Basic	Y Basic	X Dev	Ydev	Feature	Position Deviation	Variable Tolerance	Residual Tolerance		
3	360	4.90	-15.00	-10.00	-15.00	-10.00	-15.00	-10.00	0.00	0.00	1	0.00	3.00	3.00		
4	90	4.90	-16.00	9.00	-16.00	9.00	-15.00	10.00	-1.00	-1.00	2	2.83	3.00	0.17		
5	180	4.90	16.00	11.00	16.00	11.00	15.00	10.00	1.00	1.00	3	2.83	3.00	0.17		
6	270	4.90	15.00	-10.00	15.00	-10.00	15.00	-10.00	0.00	0.00	4	0.00	3.00	3.00		
7			0.00	0.00	0.00	0.00								6.34		
8																
9	Datum	0.00	0.00	0.00												
10		0.00				Rotation	Translation X	Translation Y					Ø Shift Tol	Ø Shift		
11						2.462486	0.429652	0.009233					0	0.86		
12			X Basic	Y Basic	X rotated	Y rotated	X	Y	X Dev	Ydev	Feature	Position Deviation	Variable Tolerance	Residual Tolerance		
13			-15.00	-10.00	-14.56	-10.64	-14.13	-10.63	-0.87	0.63	1	2.15	3.00	0.85		
14			-15.00	10.00	-15.42	9.35	-14.99	9.36	-1.01	-0.36	2	2.15	3.00	0.85		
15			15.00	10.00	14.56	10.64	14.99	10.64	1.01	0.36	3	2.15	3.00	0.85		
16			15.00	-10.00	15.42	-9.35	15.85	-9.34	-0.85	-0.66	4	2.15	3.00	0.85		
17														3.40