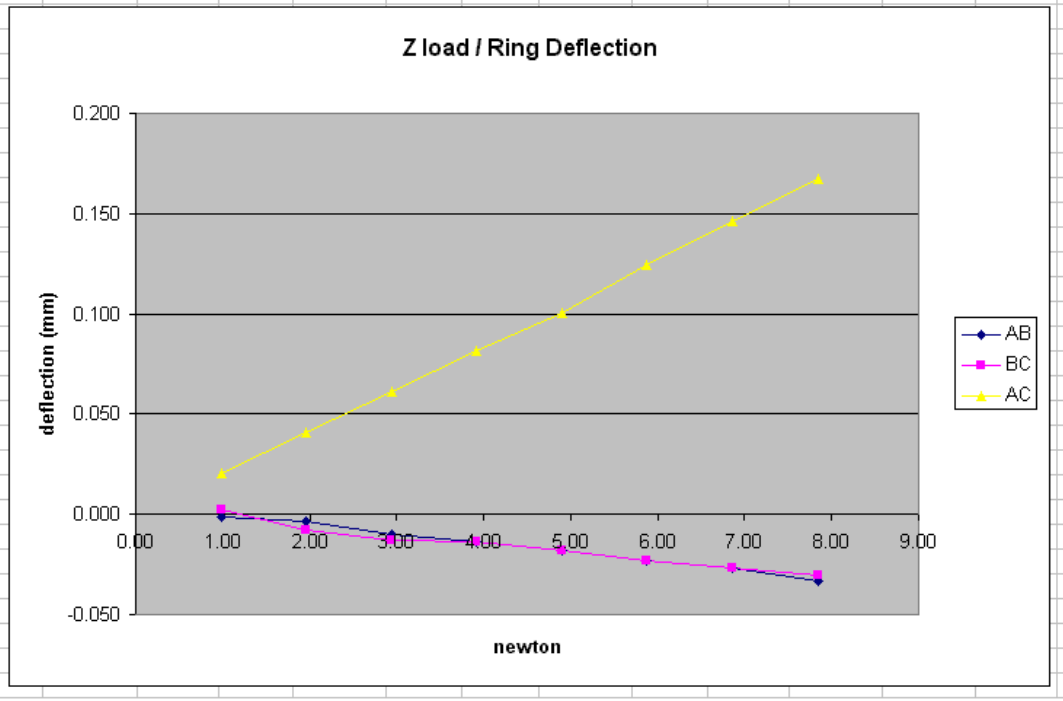
LOAD				observation			observation			observation			observation			observation			observation		
location	grams	newton	vector	location	Z (in)	Z (mm)	location	Z (in)	Z (mm)	location	Z (in)	Z (mm)	location	Z (in)	Z (mm)	location	Z (in)	Z (mm)	location	Z (in)	Z (mm)
CA	100	0.98	Z+	AB	-0.00005	-0.001	BC	0.0001	0.003	AC	0.0008	0.020	C	0.00005	0.001		0	0.000	A	0.0001	0.003
CA	100	0.98	Z-	AB	0.000015	0.000	BC	0.00005	0.001	AC	-0.0008	-0.020	C	0	0.000		0	0.000	A	-0.0001	-0.003
CA	200	1.96	Z+	AB	-0.00015	-0.004	BC	-0.0003	-0.008	AC	0.0016	0.041	C	0.0001	0.003		0	0.000	A	0.00015	0.004
CA	200	1.96	Z-	AB	0.0003	0.008	BC	0.0001	0.003	AC	-0.0016	-0.041	C	-0.0001	-0.003		0	0.000	A	-0.00015	-0.004
CA	300	2.94	Z+	AB	-0.0004	-0.010	BC	-0.0005	-0.013	AC	0.0024	0.061	C	0.00025	0.006			0.000	A	0.00025	0.006
CA	300	2.94	Z-	AB	0.00045	0.011	BC	0.00035	0.009	AC	-0.0024	-0.061	C	0.00015	0.004			0.000	A	-0.00025	-0.006
CA	400	3.92	Z+	AB	-0.00055	-0.014	BC	-0.00055	-0.014	AC	0.0032	0.081	C	0.00025	0.006			0.000	A	0.00035	0.009
CA	400	3.92	Z-	AB	0.0006	0.015	BC	0.00045	0.011	AC	-0.00325	-0.083	C	-0.0002	-0.005			0.000	A	-0.0003	-0.008
CA	500	4.90	Z+	AB	-0.0007	-0.018	BC	-0.0007	-0.018	AC	0.00395	0.100	C	0.00035	0.009			0.000	A	0.00045	0.011
CA	500	4.90	Z-	AB	0.0008	0.020	BC	0.0006	0.015	AC	-0.00415	-0.105	C	-0.0003	-0.008			0.000	A	0.0004	0.010
none	0	0	Z+	AB	-0.0001	-0.003	BC	-0.0002	-0.005	AC	-0.0002	-0.005	C	0.0001	0.003			0.000	A	0.00015	0.004
none	0	0	Z-	AB	0.0002	0.005	BC	0.0001	0.003	AC	0.0001	0.003	C	-0.0001	-0.003			0.000	A	-0.0001	-0.003
CA	600	5.88	Z+	AB	-0.0009	-0.023	BC	-0.0009	-0.023	AC	0.0049	0.124	C	0.0004	0.010	B	-0.00005	-0.001	A	0.0005	0.013
CA	600	5.88	Z-	AB	0.001	0.025	BC	0.0008	0.020	AC	-0.0049	-0.124	C	-0.0004	-0.010	B	0.00005	0.001	A	-0.0005	-0.013
CA	700	6.86	Z+	AB	-0.00105	-0.027	BC	-0.00105	-0.027	AC	0.00575	0.146	C	0.0005	0.013	B	-0.0005	-0.013	A	0.00065	0.017
CA	700	6.86	Z-	AB	0.0012	0.030	BC	0.0009	0.023	AC	-0.0058	-0.147	C	-0.0005	-0.013	B	0.00005	0.001	A	-0.0006	-0.015
CA	800	7.84	Z+	AB	-0.0013	-0.033	BC	-0.0012	-0.030	AC	0.0066	0.168	C	0.0065	0.165	B	-0.0005	-0.013	A	0.0008	0.020
CA	800	7.84	Z-	AB	0.0013	0.033	BC	0.001	0.025	AC	-0.00665	-0.169	C	-0.0006	-0.015	B	0.00005	0.001	A	-0.00075	-0.019
none	0	0	Z+	AB	-0.0001	-0.003	BC	-0.0002	-0.005	AC	0.0004	0.010	C	0.00015	0.004	B	0	0.000	A	0.0002	0.005
none	0	0	Z-	AB	0.0002	0.005	BC	0.0001	0.003	AC	-0.00035	-0.009	C	-0.00015	-0.004	B	0	0.000	A	-0.0001	-0.003

newton	AB	BC	AC
0.98	-0.001	0.003	0.020
1.96	-0.004	-0.008	0.041
2.94	-0.010	-0.013	0.061
3.92	-0.014	-0.014	0.081
4.90	-0.018	-0.018	0.100
5.88	-0.023	-0.023	0.124
6.86	-0.027	-0.027	0.146
7.84	-0.033	-0.030	0.168