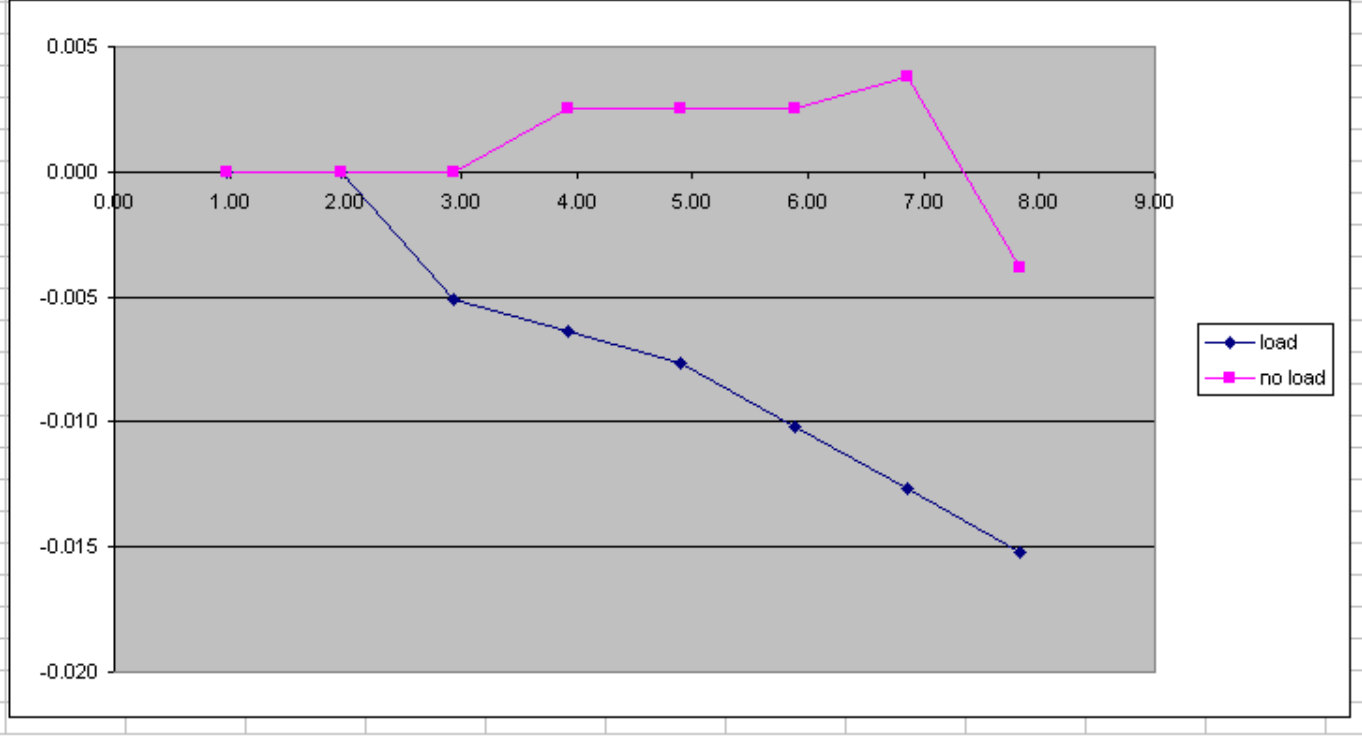
LOAD				observation		
location	grams	newton	vector	location	Z (in)	Z (mm)
B	100	0.98	Z+	B	0	0.000
B	100	0.98	Z-	B	0	0.000
	0			B	0	0.000
B	200	1.96	Z+	B	0	0.000
B	200	1.96	Z-	B	-0.00005	-0.001
	0	0.00		B	0	0.000
B	300	2.94	Z+	B	-0.0002	-0.005
B	300	2.94	Z-	B	-0.0001	-0.003
	0	0.00		B	0	0.000
B	400	3.92	Z+	B	-0.00025	-0.006
B	400	3.92	Z-	B	-0.0002	-0.005
	0	0.00		B	0.0001	0.003
B	500	4.90	Z+	B	-0.0003	-0.008
B	500	4.90	Z-	B	-0.0003	-0.008
	0	0.00		B	0.0001	0.003
B	600	5.88	Z+	B	-0.0004	-0.010
B	600	5.88	Z-	B	-0.0004	-0.010
	0	0.00		B	0.0001	0.003
B	700	6.86	Z+	B	-0.0005	-0.013
B	700	6.86	Z-	B	-0.0005	-0.013
	0	0.00		B	0.00015	0.004
B	800	7.84	Z+	B	-0.0006	-0.015
B	800	7.84	Z-	B	-0.0006	-0.015
	0	0.00		B	-0.00015	-0.004

newton	load	no load
0.98	0.000	0.000
1.96	0.000	0.000
2.94	-0.005	0.000
3.92	-0.006	0.003
4.90	-0.008	0.003
5.88	-0.010	0.003
6.86	-0.013	0.004
7.84	-0.015	-0.004