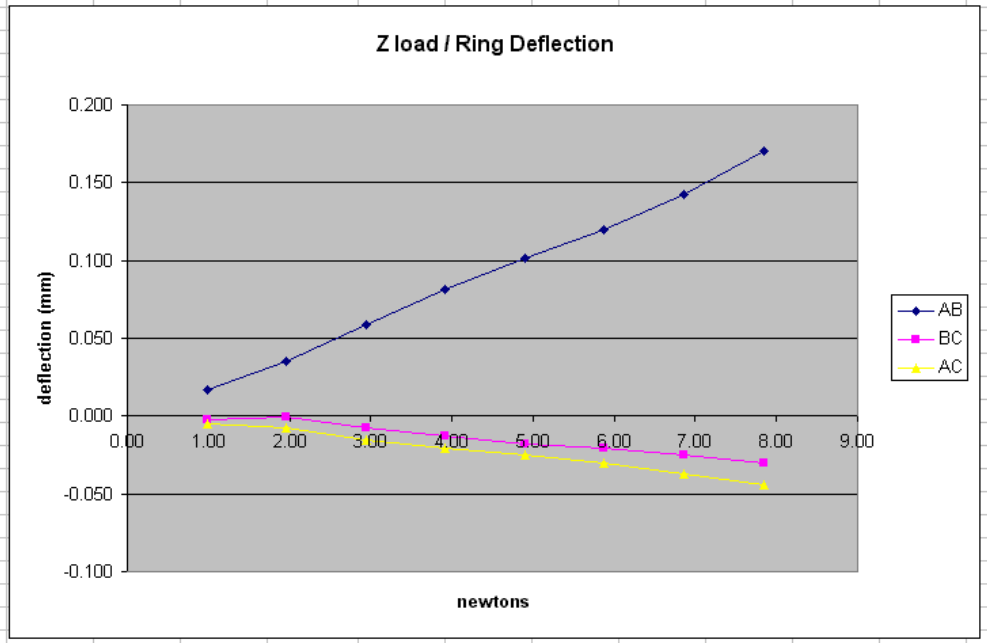
| LOAD | | | | observation | | | observation | | | observation | | | observation | | | observation | | | observation | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| location | grams | newton | vector | location | Z (in) | Z (mm) | location | Z (in) | Z (mm) | location | Z (in) | Z (mm) | location | Z (in) | Z (mm) | location | Z (in) | Z (mm) | location | Z (in) | Z (mm) |
| AB | 100 | 0.98 | Z+ | AB | 0.00065 | 0.017 | BC | -0.0001 | -0.003 | AC | -0.0002 | -0.005 | C | 0 | 0.000 | B | 0.0001 | 0.003 | A | 0.0001 | 0.003 |
| AB | 100 | 0.98 | Z- | AB | -0.0007 | -0.018 | BC | 0.0002 | 0.005 | AC | 0.0001 | 0.003 | C | 0 | 0.000 | B | -0.0001 | -0.003 | A | -0.00005 | -0.001 |
| AB | 200 | 1.96 | Z+ | AB | 0.0014 | 0.036 | BC | -0.000015 | 0.000 | AC | -0.0003 | -0.008 | C | 0 | 0.000 | B | 0.0002 | 0.005 | A | 0.00005 | 0.001 |
| AB | 200 | 1.96 | Z- | AB | -0.0015 | -0.038 | BC | 0.00025 | 0.006 | AC | 0.00035 | 0.009 | C | 0 | 0.000 | B | -0.0002 | -0.005 | A | -0.000075 | -0.002 |
| AB | 300 | 2.94 | Z+ | AB | 0.0023 | 0.058 | BC | -0.0003 | -0.008 | AC | -0.0006 | -0.015 | C | 0 | 0.000 | B | 0.0003 | 0.008 | A | 0.00005 | 0.001 |
| AB | 300 | 2.94 | Z- | AB | -0.00225 | -0.057 | BC | 0.00045 | 0.011 | AC | 0.00055 | 0.014 | C | 0 | 0.000 | B | -0.0003 | -0.008 | A | -0.0001 | -0.003 |
| AB | 400 | 3.92 | Z+ | AB | 0.0032 | 0.081 | BC | -0.0005 | -0.013 | AC | -0.0008 | -0.020 | C | -0.00005 | -0.001 | B | 0.00045 | 0.011 | A | 0.0001 | 0.003 |
| AB | 400 | 3.92 | Z- | AB | -0.003 | -0.076 | BC | 0.00055 | 0.014 | AC | 0.00075 | 0.019 | C | 0 | 0.000 | B | -0.0004 | -0.010 | A | -0.00015 | -0.004 |
| AB | 500 | 4.90 | Z+ | AB | 0.004 | 0.102 | BC | -0.0007 | -0.018 | AC | -0.001 | -0.025 | C | -0.00005 | -0.001 | B | 0.00055 | 0.014 | A | 0.00015 | 0.004 |
| AB | 500 | 4.90 | Z- | AB | -0.0041 | -0.104 | BC | 0.00075 | 0.019 | AC | 0.0011 | 0.028 | C | 0.00005 | 0.001 | B | -0.0005 | -0.013 | A | -0.0002 | -0.005 |
| | 0 | 0.00 | | AB | 0.0003 | 0.008 | BC | -0.0001 | -0.003 | AC | -0.0001 | -0.003 | C | -0.00005 | -0.001 | B | 0.0001 | 0.003 | A | 0 | 0.000 |
| AB | 600 | 5.88 | Z+ | AB | 0.0047 | 0.119 | BC | -0.0008 | -0.020 | AC | -0.0012 | -0.030 | C | -0.0001 | -0.003 | B | 0.00065 | 0.017 | A | 0.00015 | 0.004 |
| AB | 600 | 5.88 | Z- | AB | -0.00465 | -0.118 | BC | 0.00085 | 0.022 | AC | 0.00115 | 0.029 | C | 0.0001 | 0.003 | B | -0.0006 | -0.015 | A | -0.0002 | -0.005 |
| AB | 700 | 6.86 | Z+ | AB | 0.0056 | 0.142 | BC | -0.001 | -0.025 | AC | -0.00145 | -0.037 | C | -0.0001 | -0.003 | B | 0.0008 | 0.020 | A | 0.0002 | 0.005 |
| AB | 700 | 6.86 | Z- | AB | -0.00545 | -0.138 | BC | 0.0011 | 0.028 | AC | 0.00135 | 0.034 | C | 0.000125 | 0.003 | B | -0.0007 | -0.018 | A | -0.00025 | -0.006 |
| AB | 800 | 7.84 | Z+ | AB | 0.0067 | 0.170 | BC | -0.0012 | -0.030 | AC | -0.00175 | -0.044 | C | -0.00015 | -0.004 | B | 0.00095 | 0.024 | A | 0.00025 | 0.006 |
| AB | 800 | 7.84 | Z- | AB | -0.0063 | -0.160 | BC | 0.0012 | 0.030 | AC | 0.00165 | 0.042 | C | 0.000175 | 0.004 | B | -0.0008 | -0.020 | A | -0.00025 | -0.006 |
| | 0 | 0.00 | | AB | -0.0005 | -0.013 | BC | -0.00015 | -0.004 | AC | -0.0001 | -0.003 | C | -0.0001 | -0.003 | B | -0.00015 | -0.004 | A | 0 | 0.000 |

| newton | AB | BC | AC |
|---|---|---|---|
| 0.98 | 0.017 | -0.003 | -0.005 |
| 1.96 | 0.036 | 0.000 | -0.008 |
| 2.94 | 0.058 | -0.008 | -0.015 |
| 3.92 | 0.081 | -0.013 | -0.020 |
| 4.90 | 0.102 | -0.018 | -0.025 |
| 5.88 | 0.119 | -0.020 | -0.030 |
| 6.86 | 0.142 | -0.025 | -0.037 |
| 7.84 | 0.170 | -0.030 | -0.044 |