

	Truss	Total distar	Required d	Angle (deg)	Weight (g)	k (N/mm)	Extension (	Force estim
Before	a1	13	9.676	90	205.5	1.94	0.071	0.13774
After	a1	13	9.605	90	205.5	1.94		
Before	a2	12.9	6.252	0	205.5	1.94	0.324	0.62856
After	a2	12.9	5.928	0	205.5	1.94		
Before	b1	12.97	9.02	90	205.5	1.94	0.001	0.00194
After	b1	12.97	9.019	90	205.5	1.94		
Before	b2	12.97	9.264	90	205.5	1.94	2.726	5.28844
After	b2	12.97	6.538	90	205.5	1.94		
Before	b1_v2	12.97	8.392	70	205.5	1.94	0.75	1.455
After	b1_v2	12.97	7.642	70	205.5	1.94		
Before	b2_v2	12.97	8.989	70	205.5	1.94	2.757	5.34858
After	b2_v2	12.97	6.232	70	205.5	1.94		
Before	c1	13.05	8.194	60	205.5	1.94	1.015	1.9691
After	c1	13.05	7.179	60	205.5	1.94		
Before	c2	13.08	6.812	60	205.5	1.94	1.013	1.96522
After	c2	13.08	5.799	60	205.5	1.94		

Force estin Difference (N)

0 0.13774

2.01569 -1.38713

0 0.00194

2.0159 3.27254

0.6892 0.7658

1.8963 3.45228

1.1633 0.8058

1.1633 0.80192