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Co	ns	ıar	110) I I

Constanton						
weight (g)	force (N)	force/area (N/m^2)	displacement (angular)	displacement (# divisions)	displacement cm	delta L/L
	50 0.49	5399687.039	0	C	0	0
1	00 0.98	10799374.08	0.5	2	0.0125	8.06E-05
1	50 1.47	16199061.12	0.75	3	0.01875	0.000121
2	00 1.96	21598748.15	1.25	5	0.03125	0.000202
2	50 2.45	26998435.19	1.5	ϵ		0.000242
3	00 2.94	32398122.23	2			0.000323
3	50 3.43	37797809.27	2.25	g	0.05625	0.000363
4	00 3.92	43197496.31	2.75	11	0.06875	0.000444
4	50 4.41	48597183.35	3.25	13	0.08125	0.000524
5	00 4.9	53996870.39	3.5	14	0.0875	0.000565
5	50 5.39	59396557.42	4	16	0.1	0.000645
6	00 5.88	64796244.46	4.25	17	0.10625	0.000685
6	50 6.37	70195931.5	4.75	19	0.11875	0.000766
7	00 6.86	75595618.54	5	20	0.125	0.000806
7	50 7.35	80995305.58	5.25	21	0.13125	0.000847
8	00 7.84	86394992.62	5.75	23	0.14375	0.000927
8	50 8.33	91794679.66	6	24	0.15	0.000968
9	00 8.82	97194366.69	6.5	26	0.1625	0.001048
9	50 9.31	102594053.7	6.5	26	0.1625	0.001048
10	00 9.8	107993740.8	7	28	0.175	0.001129
10	50 10.29	113393427.8	7	28	0.175	0.001129
11	00 10.78	118793114.8	7.25	29	0.18125	0.001169
11	50 11.27	124192801.9	7.5	30	0.1875	0.00121
12	00 11.76	129592488.9	8.25	33	0.20625	0.001331
12	50 broke					
length	155	cm				
cross section						
scew gauge	div					
	18		1mm/50div	0.34		
	18		area(mm sq)	0.090746	;	
	18		area m sq	9.0746E-08	}	
zero error	1					