

METRIC DEFLECTION DATA

10MM BAR - 610MM CENTERS

1.2 kN Deflection (mm)	1.0 kN Deflection (mm)	0.75 kN Deflection (mm)	0.60 kN Deflection (mm)
26	20	15	11
47	39	30	25
76	65	49	37
128	105	78	63

16MM BAR - 610MM CENTERS

1.2 kN Deflection (mm)	1.0 kN Deflection (mm)	0.75 kN Deflection (mm)	0.60 kN Deflection (mm)
10	8	6	5
18	16	12	10
30	25	21	18
50	37	29	22
75	60	45	38
113	92	69	57

10MM BAR - 700MM CENTERS

1.2 kN Deflection (mm)	1.0 kN Deflection (mm)	0.75 kN Deflection (mm)	0.60 kN Deflection (mm)
30	25	20	18
55	44	28	25
90	70	55	45
145	119	90	74

16MM BAR - 800MM CENTERS

1.2 kN Deflection (mm)	1.0 kN Deflection (mm)	0.75 kN Deflection (mm)	0.60 kN Deflection (mm)
15	11	9	7
23	20	15	10
39	31	25	20
61	49	38	30
95	79	59	48
148	121	93	71

16MM BAR - 1000MM CENTERS

1.2 kN Deflection (mm)	1.0 kN Deflection (mm)	0.75 kN Deflection (mm)	0.60 kN Deflection (mm)
20	15	10	7
30	25	20	10
49	40	32	25
77	60	47	38
120	99	72	60
184	151	119	90

ENGLISH DEFLECTION DATA

10MM BAR - 24 INCH CENTERS

270 lbf Deflection (in)	225 lbf Deflection (in)	169 lbf Deflection (in)	135 lbf Deflection (in)
1.02	0.79	0.59	0.43
1.85	1.54	1.18	0.98
2.99	2.56	1.93	1.46
5.04	4.13	3.07	2.48

16MM BAR - 24 INCH CENTERS

270 lbf Deflection (in)	225 lbf Deflection (in)	169 lbf Deflection (in)	135 lbf Deflection (in)
0.39	0.31	0.24	0.20
0.71	0.63	0.47	0.39
1.18	0.98	0.83	0.71
1.97	1.46	1.14	0.87
2.95	2.36	1.77	1.50
4.45	3.62	2.72	2.24

10MM BAR - 27.5 INCH CENTERS

270 lbf Deflection (in)	225 lbf Deflection (in)	169 lbf Deflection (in)	135 lbf Deflection (in)
1.18	0.98	0.79	0.71
2.17	1.73	1.10	0.98
3.54	2.76	2.17	1.77
5.71	4.69	3.54	2.91

16MM BAR - 31.5 INCH CENTERS

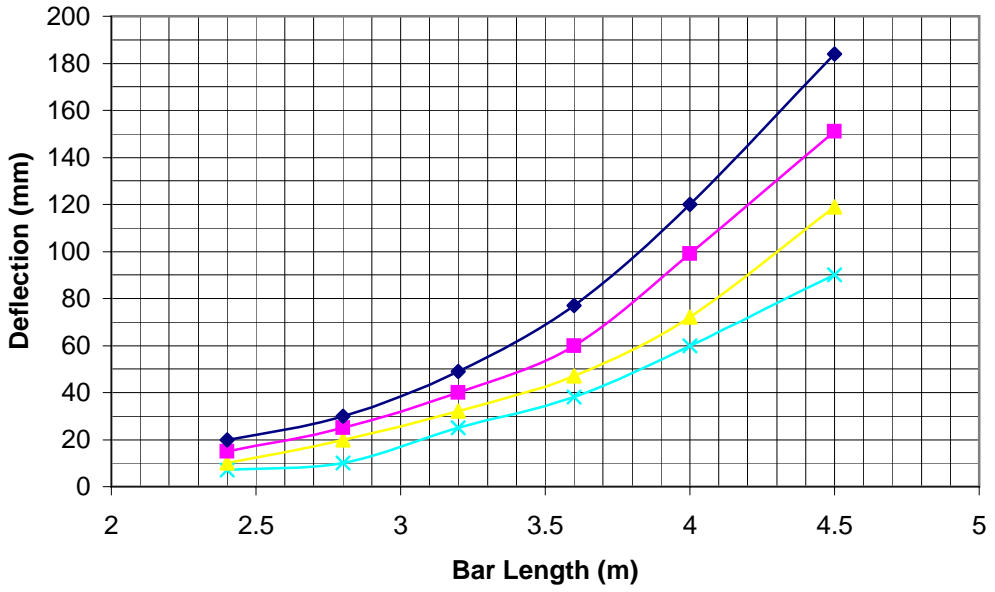
270 lbf Deflection (in)	225 lbf Deflection (in)	169 lbf Deflection (in)	135 lbf Deflection (in)
0.59	0.43	0.35	0.28
0.91	0.79	0.59	0.39
1.54	1.22	0.98	0.79
2.40	1.93	1.50	1.18
3.74	3.11	2.32	1.89
5.83	4.76	3.66	2.80

16MM BAR - 39.5 INCH CENTERS

270 lbf Deflection (in)	225 lbf Deflection (in)	169 lbf Deflection (in)	135 lbf Deflection (in)
0.79	0.59	0.39	0.28
1.18	0.98	0.79	0.39
1.93	1.57	1.26	0.98
3.03	2.36	1.85	1.50
4.72	3.90	2.83	2.36
7.24	5.94	4.69	3.54

Bar Length (m)
2.4
2.8
3.2
3.6

DEFLECTION DATA 16mm Bar -- 1000mm Centers

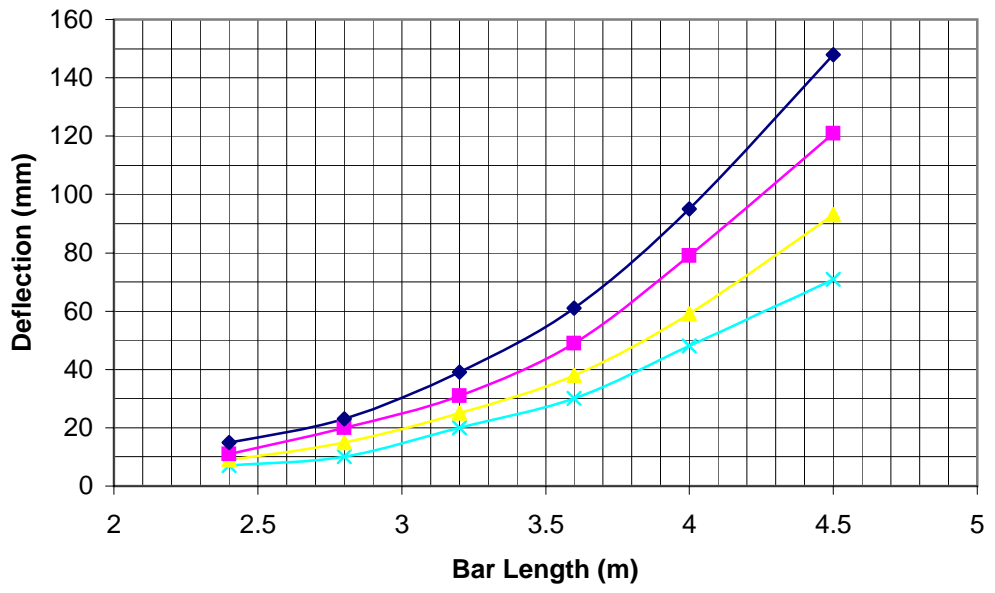


Bar Length (m)
2.4
2.8
3.2
3.6
4
4.5

Bar Length (m)
2.4
2.8
3.2
3.6

Bar Length (m)
2.4
2.8
3.2
3.6
4
4.5

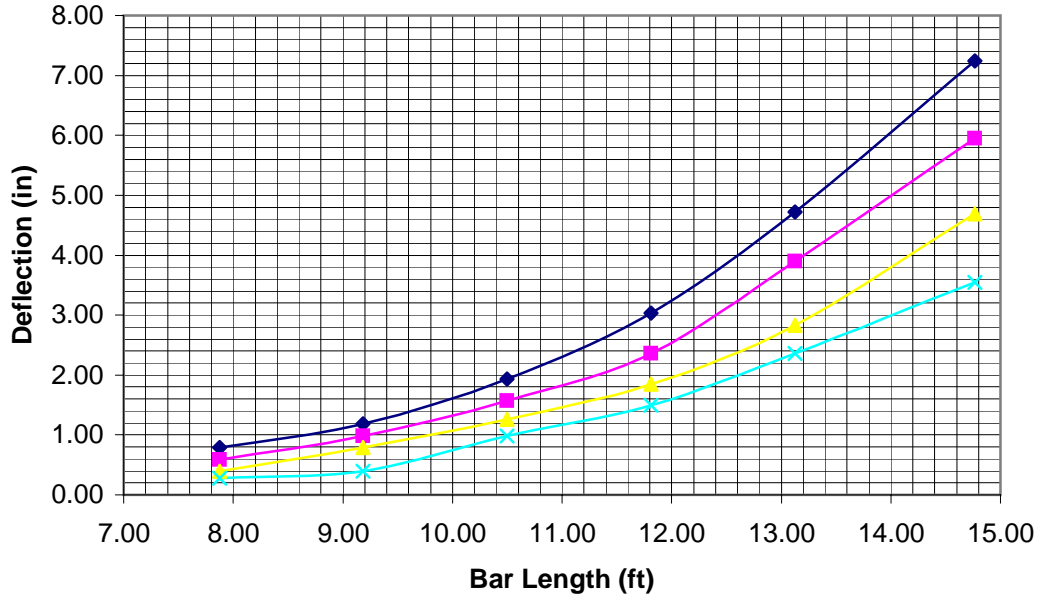
DEFLECTION DATA 16mm Bar -- 800mm Centers



Bar Length (m)
2.4
2.8
3.2
3.6
4
4.5

DEFLECTION DATA
16mm Bar -- 39.5 Inch Centers

Bar Length (ft)
 7.87
 9.19
 10.50
 11.81

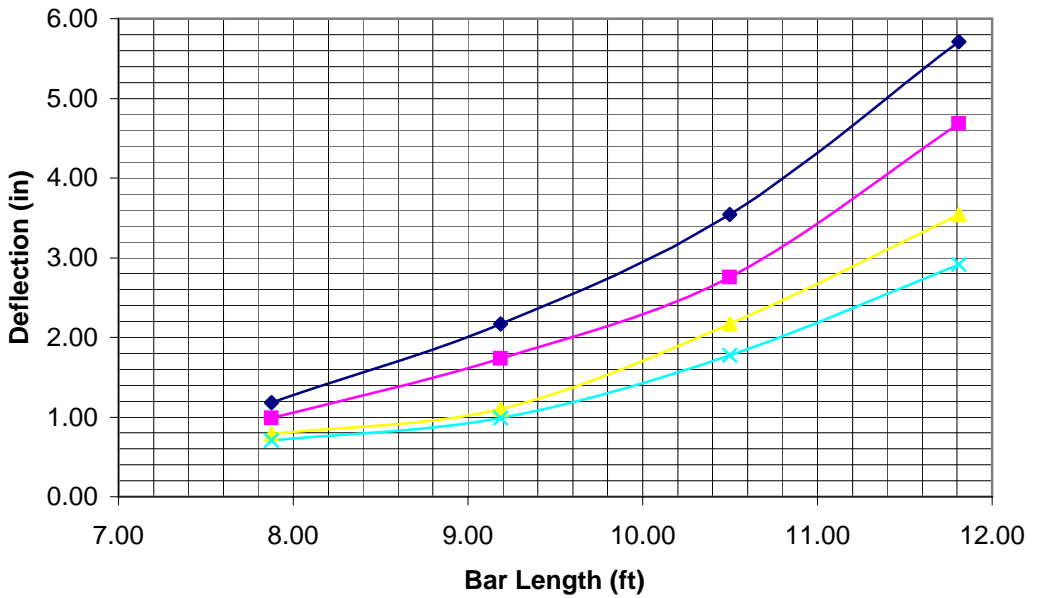


Bar Length (ft)
 7.87
 9.19
 10.50
 11.81
 13.12
 14.76

Bar Length (ft)
 7.87
 9.19
 10.50
 11.81

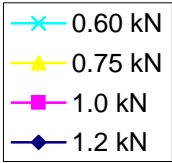
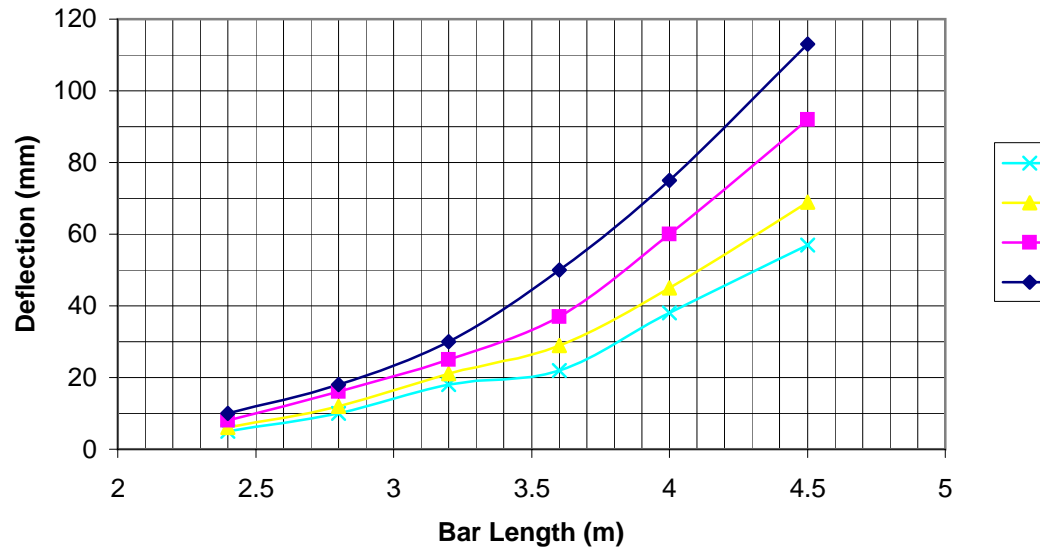
DEFLECTION DATA
10mm Bar -- 27.5 Inch Centers

Bar Length (ft)
 7.87
 9.19
 10.50
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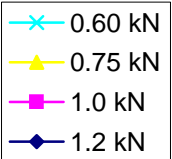
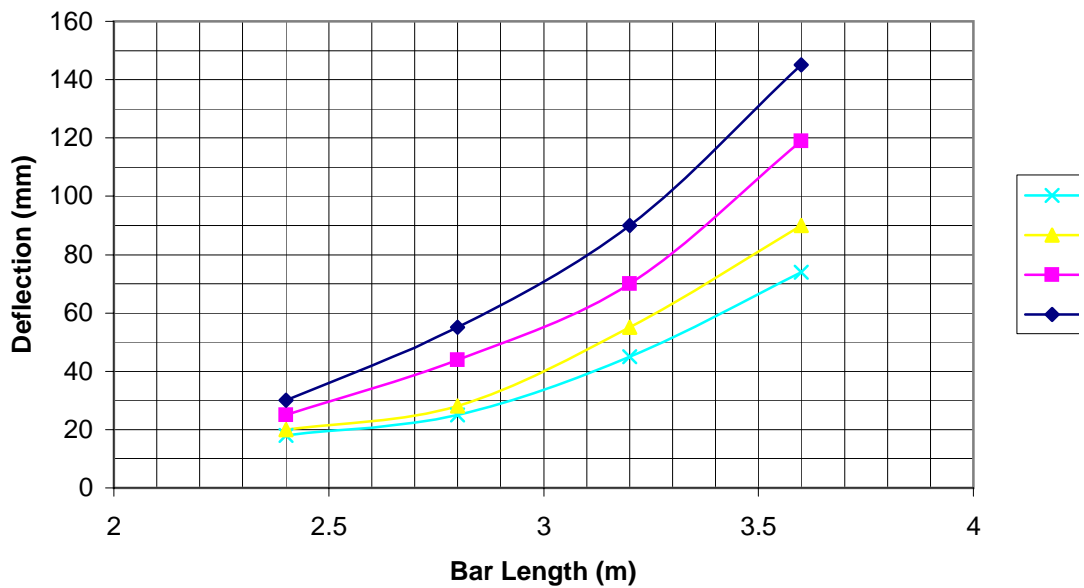


Bar Length (ft)
 7.87
 9.19
 10.50
 11.81
 13.12
 14.76

DEFLECTION DATA
16mm Bar -- 610mm Centers



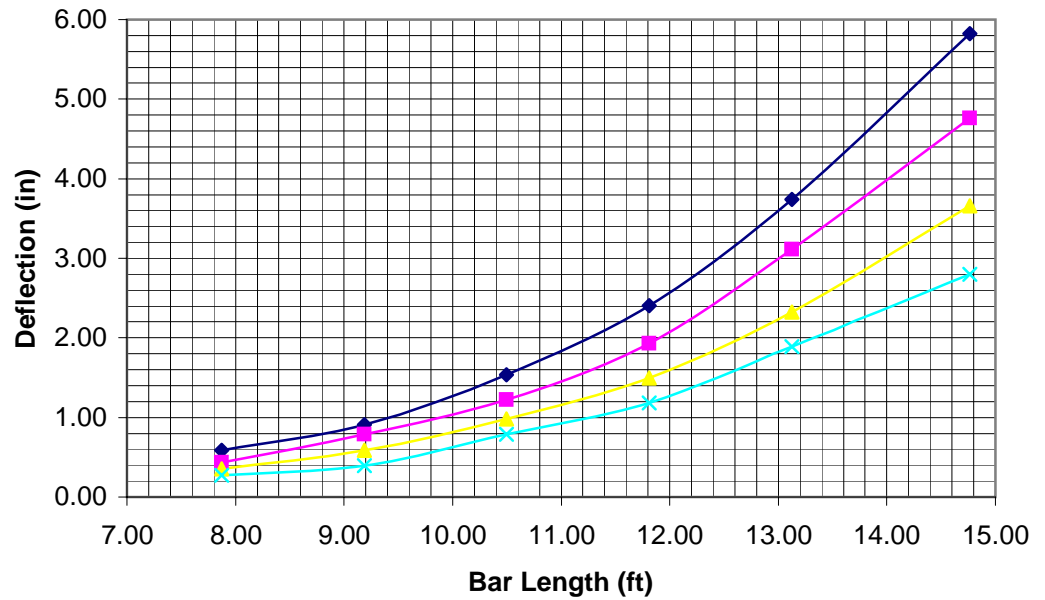
DEFLECTION DATA
10mm Bar -- 700mm Centers



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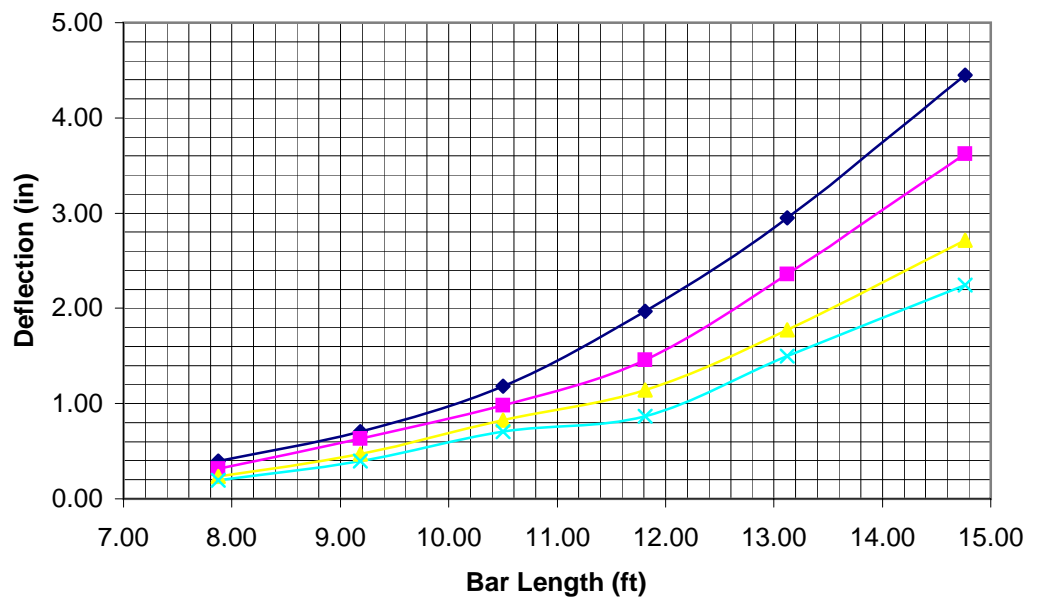
DEFLECTION DATA
16mm Bar -- 31.5 Inch Centers

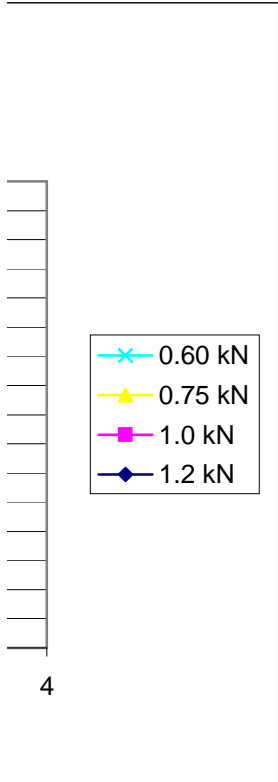
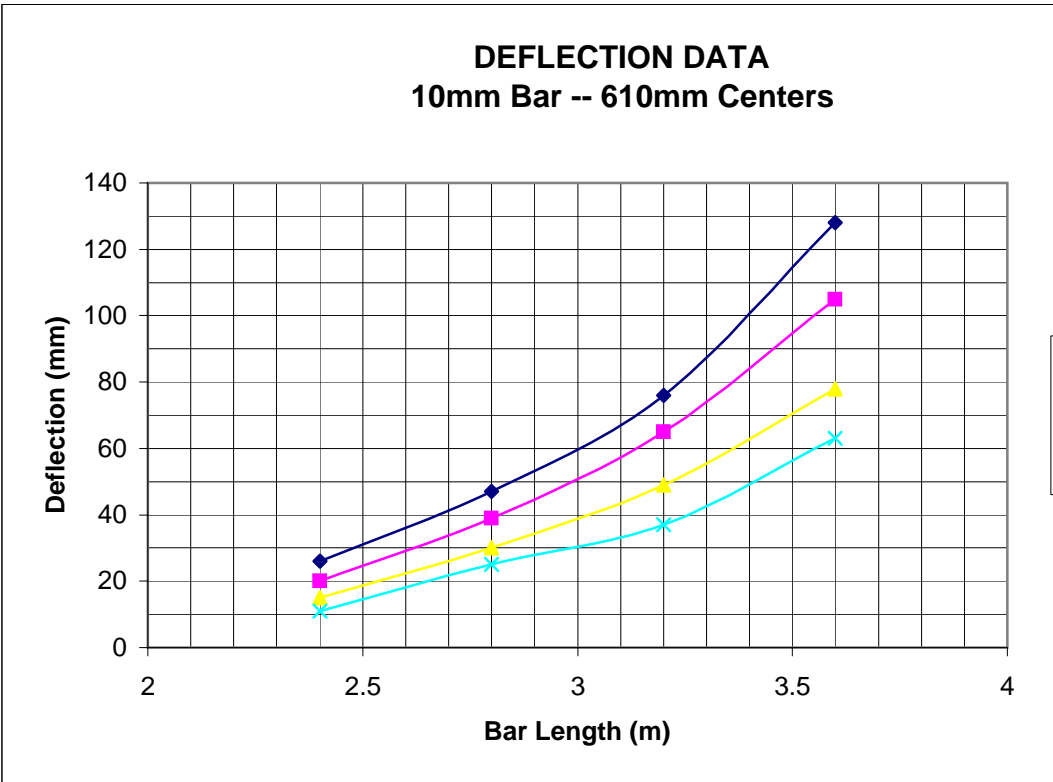
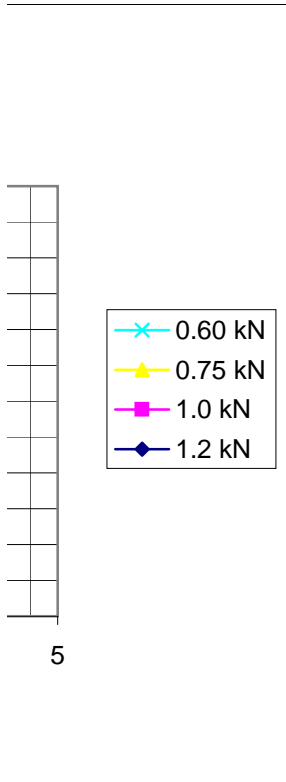


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DEFLECTION DATA
16mm Bar -- 24 Inch Centers





DEFLECTION DATA 10mm Bar -- 24 Inch Centers

