



## Safe Load Tables

Top chord restraint interval = 1.0m

Maximum Moment: 13.94 KNm

Maximum Shear: 12.32 KN

Span (m)

		3	4	5	6	7	8	9	10	11	12
Uniformly Distributed Load	KN/m	8.21	6.15	4.43	3.06	2.24	1.71	1.34	1.08	0.88	0.74
Single Point Load, mid-span	KN	18.50	13.84	11.03	9.16	7.81	6.80	6.00	5.37	4.84	4.40
Two Point Loads, third span	KN	12.32	10.43	8.31	6.90	5.89	5.12	4.52	4.04	3.64	3.31
Three Point Loads, quarter span	KN	8.13	6.92	5.52	4.58	3.90	3.40	3.00	2.68	2.42	2.20

Material Alloy 6082 to Self Weight 0.045KN/m

DIN ISO 9001/EN29 001.

Use of Beams in a Load Bearing application should be subject of a structural design.

