

CREATIVE METALS EQUIPMENT SUPPORT LOAD BEARING DATA

Model	Gauge	Max. Concentrated Load (lbs)	Max. End Load (lbs)	Max. Uniform Load (lbs/ft)	Area (In ²)	Moment Of Inertia (In ⁴)	Section Modulus (In ³)
ESSRC-9.5	18	1950	2300	740	1.65	14.26	2.60
ESSS - 8	18	1450	2100	460	1.45	7.03	1.46
ESSSF-12	18	2300	3250	850	1.50	23.56	3.09
ESSRC-13.5	18	2150	3500	800	2.20	39.23	3.10
ESSS-12	18	1900	3300	600	1.97	26.64	3.92
ESSRC-16	18	2700	3600	1250	1.97	44.65	4.85
ESSRC-9.5	14	4350	4450	1100	2.52	21.52	3.90
ESSS-8	14	2540	4200	700	2.24	10.82	2.27
ESSSF-12	14	3800	4250	1300	2.29	34.42	4.63
ESSRC-13.5	14	5100	6400	1450	3.28	59.93	7.73
ESSS-12	14	4500	6050	1300	3.05	42.64	5.95
ESSRC-16	14	4500	6100	1800	2.91	67.96	7.56

Data obtained for concentrated load is base on a minimum width of 4 inches over the full length of the support. A safety factor of 2 is reflected in the load calculations.

CREATIVE METALS



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