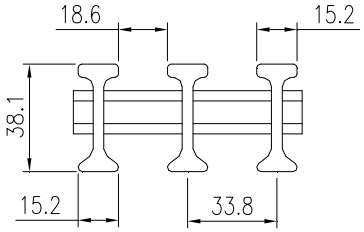
A=	7.414x10^3 mm^2/m	**I5500 1 1/2" (38.1mm)**	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)															
I =	1.354x10^6 mm^4/m	**PHENOLIC**	△u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
S=	7.107x10^4 mm^3/m	WEIGHT PER SQm: 18.9 kg	△c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD														safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD ⇨	3	5	7.5	10	13	15	20	25	39	50	100	150	200	250	safety factor	deflection
		△u	0.10	0.17	0.26	0.34	0.44	0.51	0.68	0.85	1.33	1.70	3.41	5.11	6.81	8.51	291	9.9
3.66	600	△c	0.27	0.45	0.68	0.91	1.18	1.36	1.82	2.27	3.54	4.54					89	8.1
		△u	0.30	0.50	0.76	1.01	1.31	1.51	2.02	2.52	3.94	5.05	10.10	15.15			203	20.5
3.90	800	△c	0.61	1.01	1.51	2.02	2.63	3.03	4.04	5.05	7.88	10.10					78	15.7
		△u	0.69	1.14	1.71	2.28	2.97	3.43	4.57	5.71	8.91	11.42					184	42.0
4.21	1000	△c	1.10	1.83	2.74	3.65	4.75	5.48	7.31	9.14	14.25						73	26.8
		△u	1.02	1.71	2.56	3.42	4.44	5.12	6.83	8.54	13.32						95	32.4
4.43	1120	△c	1.46	2.44	3.66	4.88	6.34	7.32	9.76	12.20							53	25.9
		△u	1.31	2.19	3.29	4.38	5.70	6.57	8.77	10.96							79	34.6
4.55	1200	△c	1.75	2.92	4.38	5.84	7.60	8.77	11.69								48	28.3
		△u	2.40	4.00	6.00	8.00	10.40	11.99									63	50.5
4.62	1400	△c	2.74	4.57	6.85	9.14	11.88	13.71									43	39.2
		△u	4.03	6.72	10.08	13.44											45	60.6
4.69	1600	△c	4.03	6.72	10.08	13.44											36	48.5
		△u	6.46	10.76													36	77.7
4.69	1800	△c	5.74	9.57	14.35												33	62.6

STRONGWELL

USCG Approved

MADE IN THE USA



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight
I-5500	38.1	29.60	33.8	18.6	55	18.89 Kg Per Sq. Meter

Phenolic

$A = 7.414 \times 10^{3} mm^{2}$/Meter of Width

$I = 1.354 \times 10^{6} mm^{4}$/Meter of Width

$S = 7.107 \times 10^{4} mm^{3}$/Meter of Width

Confirmed 03/06/2017