



SECTION PROPERTIES

GAGE	THICKNESS [IN]	WEIGHT [PLF]	Top in compression		Bottom in compression	
			I _x [IN ⁴]	S _x [IN ³]	I _x [IN ⁴]	S _x [IN ³]
22	0.030	2.67	0.739	0.291	0.334	0.215
20	0.036	3.21	0.893	0.370	0.421	0.278
16	0.060	5.35	1.434	0.607	0.838	0.627

1. Section properties are calculated in accordance with A.I.S.I. specifications.
2. The minimum yield strength is 50 ksi.

LOAD TABLE [PSF]

TYPE OF SPAN	GAGE	CLEAR SPAN [FT]											
		6	8	10	12	13	14	15	16	17	18	20	22
SIMPLE SPAN	22	121	68	43	30	25	22	19	17	15	13		
		220	93	47	27	21	17	14	11	9	8		
	20	153	86	55	38	32	28	24	21	19	17	13	
		266	112	57	33	26	20	17	14	11	9	7	
	16	252	141	90	63	53	46	40	35	31	28	22	18
		427	180	92	53	42	33	27	22	18	15	11	8

1. Top values are based on bending. Bottom values are based on maximum allowable deflection of L/180.
2. Increase tabulated values by 1.33 for wind loading.