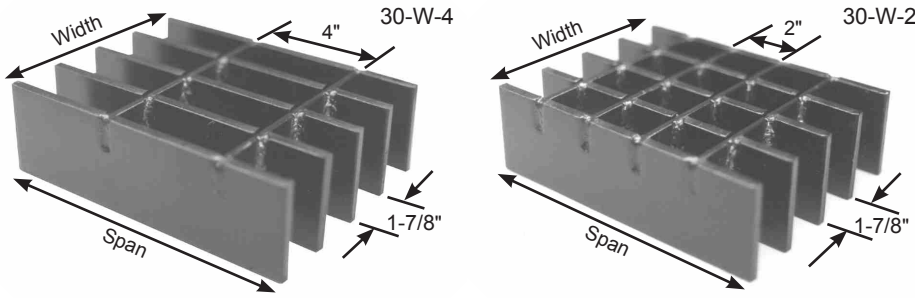


# 30 SPACE



		% Open Area*			
BB Size	CB Ctrs	Bearing Bar Thickness			
		1/4"	5/16"	3/8"	1/2"
Thru 2-1/2"	4" cc	79%	76%	73%	—
	2" cc	72%	70%	67%	—
3" to 6"	4" cc	82%	78%	75%	69%
	2" cc	77%	74%	71%	65%

Bar Size, Inches	Wt.** Lbs. Sq. Ft.	Section Properties		Maximum Safe Clear Span, Inches- Partially Distributed Load			
		Sx**, in <sup>3</sup> Ft. Width	Ix**, in <sup>4</sup> Ft. Width	1 Ton	3 Ton	5 Ton	H15/H20
1 x 1/4	6.57	0.267	0.133	6	5	6	8
1 x 3/8	9.29	0.400	0.200	8	6	8	9
1-1/4 x 1/4	7.93	0.417	0.260	8	6	8	10
1-1/4 x 3/8	11.33	0.625	0.391	11	8	10	12
1-1/2 x 1/4	9.29	0.600	0.450	11	8	9	12
1-1/2 x 5/16	11.33	0.750	0.563	13	9	10	13
1-1/2 x 3/8	13.37	0.900	0.675	15	10	12	14
1-3/4 x 1/4	10.65	0.817	0.715	14	10	11	14
1-3/4 x 3/8	15.40	1.225	1.072	20	13	14	17
2 x 1/4	12.01	1.067	1.067	18	12	13	16
2 x 5/16	14.73	1.333	1.333	22	14	15	18
2 x 3/8	17.45	1.600	1.600	26	16	17	20
2-1/4 x 1/4	13.37	1.350	1.519	22	14	15	18
2-1/4 x 3/8	19.49	2.025	2.278	32	20	20	23
2-1/2 x 1/4	14.73	1.667	2.083	27	17	17	20
2-1/2 x 5/16	18.12	2.083	2.604	33	20	20	24
2-1/2 x 3/8	21.53	2.500	3.125	39	24	23	27
3 x 1/4	18.87	2.400	3.600	38	23	23	26
3 x 5/16	22.95	3.000	4.500	47	28	27	31
3 x 3/8	27.03	3.600	5.400	56	33	31	36
3 x 1/2	35.19	4.800	7.200	68*	42	40	45
3-1/2 x 1/4	21.59	3.267	5.717	51	30	29	33
3-1/2 x 3/8	31.11	4.900	8.575	75*	43	41	46
3-1/2 x 1/2	40.63	6.533	11.433	86*	57	53	59
4 x 1/4	24.31	4.267	8.533	66	38	36	41
4 x 5/16	29.75	5.333	10.667	82	47	44	50
4 x 3/8	35.19	6.400	12.800	91*	56	52	58
4 x 1/2	46.07	8.533	17.067	96	73	67	74
4-1/2 x 1/4	27.03	5.400	12.150	83	47	44	50
4-1/2 x 3/8	39.27	8.100	18.225	96	69	64	71
4-1/2 x 1/2	51.51	10.800	24.300	96	92	84	90*
5 x 1/4	29.75	6.667	16.667	96	58	54	60
5 x 5/16	36.55	8.333	20.833	96	71	66	73
5 x 3/8	43.35	10.000	25.000	96	85	78	86
5 x 1/2	56.95	13.333	33.333	96	96	96	96
5-1/2 x 1/4	32.47	8.067	22.183	96	69	64	71
5-1/2 x 3/8	47.43	12.100	33.275	96	96	93	96
5-1/2 x 1/2	62.39	16.133	44.367	96	96	96	96
6 x 1/4	35.19	9.600	28.800	96	82	75	83
6 x 5/16	43.35	12.000	36.000	96	96	93	96
6 x 3/8	51.51	14.400	43.200	96	96	96	96
6 x 1/2	67.83	19.200	57.600	96	96	96	96

\*Span limited to 1/400 of span = Deflection. \*\*Based on 6.4 bars/ft of grating width. Bearing bars 1-7/8" c.c.  
 When serrated grating is specified, the depth of grating required for a specified load will be 1/4" greater than that shown in these tables. Weights shown are for 4" cross bar centers. Add 1.13 lbs./sq. ft. (3/8" Dia.) or 2.55 lbs./sq. ft. (1" x 1/4") for 2" cross bar centers. Cross bars are determined based on project applications and bearing bar height.

