

GAUGE	WIDTH (mm)	LBS./LF (kg/m)	LOAD/ DEFL	CLEAR SPAN																
				24"	36"	48"	60"	72"	84"	96"	108"	120"	132"	144"	156"	168"	180"	192"	204"	216"
18	6" (152.4)	2.80 (4.17)	U	2834	1260	709	453	315	231	177	140	113	94	79	67	58	50	44	39	35
			D	0.04	0.07	0.13	0.21	0.29	0.39	0.52	0.66	0.80	0.99	1.19	1.37	1.54	1.82	2.08	2.34	2.60
			C	1058	945	709	567	472	405	354	315	283	258	236	218	202	189	177	167	157
			D	0.02	0.06	0.11	0.16	0.23	0.32	0.42	0.53	0.65	0.60	0.93	1.11	1.28	1.47	1.66	1.14	2.09
	9" (228.6)	3.34 (4.97)	U	1881	840	472	302	210	154	118	93	76	62	52	45	39	34	30	26	24
			D	0.03	0.08	0.13	0.21	0.31	0.42	0.55	0.68	0.86	1.01	1.21	1.43	1.70	1.93	2.23	2.47	2.81
			C	705	705	705	567	472	405	354	315	283	258	236	218	202	189	177	168	161
			D	0.01	0.04	0.11	0.17	0.24	0.33	0.44	0.55	0.68	0.82	0.98	1.15	1.32	1.52	1.74	1.97	2.24
	12" (304.8)	3.88 (5.77)	U	1057	611	345	222	155	114	88	70	57	48	41	35	31	27	24	22	20
			D	0.02	0.07	0.12	0.19	0.28	0.39	0.51	0.65	0.80	0.98	1.20	1.43	1.68	1.95	2.25	2.58	2.93
			C	529	529	529	529	472	405	354	316	287	263	244	229	215	203	193	184	177
			D	0.01	0.03	0.07	0.14	0.22	0.31	0.41	0.52	0.64	0.79	0.95	1.14	1.34	1.56	1.80	2.06	2.34
16	6" (152.4)	3.44 (5.12)	U	3418	1519	854	547	380	279	214	169	137	113	95	82	71	62	55	49	45
			D	0.03	0.07	0.12	0.20	0.28	0.39	0.50	0.64	0.79	0.95	1.13	1.34	1.56	1.81	2.08	2.37	2.68
			C	1134	1134	854	684	570	480	427	380	342	310	286	266	249	234	221	210	201
			D	0.02	0.05	0.10	0.15	0.23	0.31	0.40	0.51	0.63	0.76	0.91	1.07	1.25	1.45	1.66	1.89	2.14
	9" (228.6)	4.11 (6.12)	U	2275	1029	581	373	261	193	149	118	97	81	69	59	52	46	40	36	33
			D	0.03	0.03	0.13	0.21	0.30	0.41	0.54	0.69	0.87	1.06	1.27	1.51	1.77	2.06	2.37	2.70	3.05
			C	851	851	851	700	587	506	446	400	363	333	309	288	271	256	242	230	220
			D	0.01	0.04	0.11	0.17	0.24	0.33	0.44	0.56	0.69	0.85	1.02	1.21	1.42	1.65	1.89	2.16	2.44
	12" (304.8)	4.77 (7.10)	U	1276	775	438	282	197	160	123	98	80	66	56	45	39	35	31	28	25
			D	0.02	0.07	0.12	0.20	0.28	0.45	0.59	0.75	0.93	1.13	1.35	1.43	1.69	1.96	2.27	2.61	2.97
			C	638	638	638	638	591	559	492	440	398	365	337	293	276	262	249	238	229
			D	0.01	0.03	0.07	0.05	0.23	0.36	0.47	0.60	0.74	0.90	1.08	1.15	1.35	1.57	1.82	2.09	2.38
14	6" (152.4)	4.25 (6.32)	U	4984	2215	1246	797	554	407	311	246	199	165	138	118	102	89	78	69	62
			D	0.04	0.09	0.15	0.24	0.34	0.46	0.60	0.76	0.94	1.14	1.35	1.60	1.85	2.12	2.42	2.72	3.05
			C	1461	1461	1246	997	831	712	623	554	498	453	415	383	356	332	311	293	277
			D	0.02	0.06	0.12	0.19	0.27	0.36	0.48	0.61	0.75	0.91	1.08	1.27	1.48	1.70	1.92	2.18	2.43
	9" (228.6)	5.07 (7.54)	U	2597	1477	831	532	369	271	208	164	133	110	92	79	68	59	52	46	41
			D	0.03	0.09	0.16	0.25	0.36	0.48	0.63	0.79	0.98	1.19	1.40	1.67	1.94	2.18	2.53	2.81	3.14
			C	974	974	974	974	831	712	623	554	498	453	415	383	356	332	311	293	277
			D	0.01	0.04	0.10	0.20	0.28	0.38	0.50	0.63	0.78	0.95	1.12	1.32	1.54	1.76	2.00	2.27	2.54
	12" (304.8)	5.89 (8.77)	U	1461	950	536	345	241	178	137	109	89	74	63	54	47	42	37	33	30
			D	0.02	0.07	0.13	0.20	0.29	0.40	0.53	0.67	0.84	1.02	1.23	1.46	1.71	1.99	2.29	2.62	2.98
			C	730	730	730	730	722	622	548	491	446	409	379	353	332	314	298	284	272
			D	0.01	0.03	0.07	0.14	0.23	0.32	0.42	0.54	0.67	0.82	0.98	1.17	1.37	1.59	1.83	2.10	2.38

U - Uniform Load - Lbs. per Square Foot

D - Deflection - in Inches

C - Concentrated Load - Lbs. per Square Foot of Width at Mid Span

- Values to the left of the bolded black line are considered safe allowable loads with deflections equal to or less than L/120. Values to the left of the bolded green line (including values to the left of the bolded black line) are considered safe allowable loads with deflections equal to or less than L/240.
- Technical information provided is theoretical and for evaluation by technically skilled persons, with any use thereof to be at their independent discretion and risk. **McNICHOLS** shall have no responsibility or liability for results obtained or damages resulting from improper evaluation or use of Plank Grating.

Superior Service, Quality and Performance ... That's The Hole Story®!

