

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)	3.16 (4.70)	U	4232	1993	1121	717	498	366	280	221	179	148	125	106	92	80	70	62	55	
			D	0.03	0.06	0.10	0.18	0.25	0.34	0.44	0.55	0.69	0.83	0.99	1.17	1.35	1.54	1.77	1.98	2.24	
			C	1058	1058	1058	897	747	641	560	498	448	408	374	345	320	299	280	264	249	
			D	0.01	0.04	0.08	0.13	0.19	0.26	0.35	0.45	0.55	0.67	0.80	0.93	1.07	1.24	1.41	1.60	1.78	
	9" (228.6)	3.70 (5.51)	U	1881	1329	747	478	332	244	187	148	120	99	83	71	61	53	47	41	37	
			D	0.02	0.06	0.12	0.18	0.26	0.35	0.47	0.58	0.72	0.86	1.03	1.21	1.41	1.60	1.83	2.05	2.34	
			C	705	705	705	705	705	641	560	498	448	408	374	345	320	299	280	264	249	
			D	0.01	0.02	0.06	0.12	0.20	0.28	0.36	0.46	0.57	0.70	0.83	0.96	1.12	1.28	1.47	1.65	1.85	
	12" (304.8)	4.24 (6.31)	U	1057	996	560	359	249	183	140	111	90	74	62	53	46	40	35	31	28	
			D	0.03	0.06	0.11	0.16	0.24	0.34	0.42	0.54	0.66	0.81	0.96	1.09	1.26	1.45	1.65	1.90	2.11	
			C	529	529	529	529	529	529	529	498	448	408	374	345	320	299	280	264	249	
			D	0.00	0.01	0.04	0.08	0.13	0.21	0.32	0.44	0.53	0.65	0.77	0.87	1.01	1.17	1.33	1.50	1.68	
16	6" (152.4)	3.89 (5.79)	U	5118	2418	1360	870	604	444	340	269	218	180	151	129	111	97	85	75	67	
			D	0.02	0.06	0.10	0.16	0.22	0.30	0.40	0.51	0.63	0.76	0.90	1.05	1.22	1.41	1.59	1.80	2.02	
			C	1134	1134	1134	1088	907	777	680	604	544	495	453	418	389	363	340	320	302	
			D	0.01	0.03	0.07	0.12	0.18	0.25	0.32	0.41	0.50	0.60	0.72	0.85	0.98	1.13	1.28	1.44	1.61	
	9" (228.6)	4.55 (6.77)	U	2275	1612	907	580	403	296	227	179	145	120	101	86	75	66	58	52	47	
			D	0.02	0.06	0.10	0.16	0.24	0.37	0.48	0.60	0.75	0.91	1.07	1.27	1.48	1.71	1.96	2.22	2.51	
			C	851	851	851	851	851	777	680	604	544	495	453	420	393	369	348	330	314	
			D	0.01	0.02	0.05	0.10	0.18	0.29	0.38	0.49	0.60	0.73	0.86	1.01	1.18	1.37	1.56	1.78	2.01	
	12" (304.8)	5.21 (7.75)	U	1276	1215	685	439	306	226	173	138	112	93	79	69	60	53	47	42	37	
			D	0.03	0.06	0.11	0.17	0.25	0.34	0.45	0.51	0.71	0.86	1.03	1.11	1.29	1.49	1.71	1.95	2.20	
			C	638	638	638	638	638	638	638	619	560	512	472	450	420	395	373	354	337	
			D	0.00	0.01	0.04	0.08	0.14	0.21	0.33	0.46	0.57	0.69	0.83	0.89	1.03	1.20	1.37	1.56	1.76	
14	6" (152.4)	4.80 (7.14)	U	5843	2895	1629	1042	724	532	407	322	261	215	181	154	133	116	102	91	82	
			D	0.03	0.06	0.12	0.19	0.28	0.37	0.48	0.61	0.75	0.91	1.08	1.26	1.47	1.69	1.92	2.19	2.48	
			C	1461	1461	1461	1303	1086	931	814	724	651	592	513	501	465	434	407	386	367	
			D	0.01	0.04	0.09	0.15	0.21	0.30	0.39	0.49	0.60	0.73	0.87	1.01	1.18	1.35	1.54	1.75	1.98	
	9" (228.6)	5.62 (8.36)	U	2597	1988	1120	719	501	369	284	225	184	153	129	111	96	84	75	67	60	
			D	0.02	0.06	0.11	0.17	0.25	0.34	0.44	0.57	0.70	0.85	0.92	1.21	1.41	1.63	1.88	2.14	2.42	
			C	974	974	974	974	974	969	852	761	688	629	581	540	505	475	449	426	406	
			D	0.01	0.02	0.05	0.10	0.17	0.27	0.36	0.45	0.56	0.68	0.82	0.97	1.13	1.31	1.50	1.71	1.93	
	12" (304.8)	6.49 (9.66)	U	1461	1448	814	521	362	266	204	161	131	109	92	79	69	61	54	48	43	
			D	0.01	0.06	0.10	0.16	0.24	0.32	0.42	0.54	0.67	0.82	0.98	1.16	1.35	1.57	1.80	2.06	2.33	
			C	730	730	730	730	730	730	730	730	724	655	599	554	515	483	455	430	409	391
			D	0.00	0.01	0.04	0.07	0.12	0.20	0.30	0.43	0.54	0.65	0.78	0.93	1.08	1.26	1.44	1.65	1.87	

U - Uniform Load - Lbs./Sf. D - Deflection in Inches C - Concentrated Load - Lbs./Ft. 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 blue 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.