

PROFILE (width)	GAUGE	DEPTH (mm)	LBS./LF (kg/m)	LOAD/ DEFL	CLEAR SPAN																
					24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	108"	120"	132"	144"
13-HOLE (24")	11	2" (50.8)	8.9 (13.2)	U	1094	700	486	357	273	216	175	145	123	105	91	79	70	56	45	38	33
				D	0.03	0.05	0.06	0.09	0.12	0.15	0.18	0.22	0.26	0.31	0.36	0.41	0.47	0.60	0.75	0.92	1.13
				C	2092	1674	1395	1196	1046	930	837	761	697	644	598	558	540	504	459	423	393
				D	0.02	0.03	0.05	0.06	0.09	0.11	0.14	0.17	0.20	0.23	0.27	0.31	0.37	0.49	0.61	0.74	0.90
		3" (76.2)	9.8 (14.5)	U	1971	1261	876	644	493	389	315	261	219	187	161	141	124	99	80	67	57
				D	0.02	0.03	0.04	0.06	0.08	0.10	0.12	0.15	0.18	0.21	0.24	0.28	0.32	0.40	0.50	0.61	0.73
				C	3792	3033	2528	2167	1896	1685	1517	1379	1264	1167	1083	1011	948	843	758	689	632
				D	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.10	0.12	0.15	0.17	0.19	0.22	0.30	0.38	0.46	0.54
16-HOLE (30")	11	2" (50.8)	11.8 (17.5)	U	956	612	425	312	239	189	153	126	106	91	77	68	60	47	38	32	27
				D	0.02	0.03	0.04	0.05	0.07	0.09	0.11	0.13	0.16	0.18	0.21	0.24	0.28	0.35	0.43	0.52	0.62
				C	2564	2051	1709	1465	1282	1140	1026	932	855	789	733	684	641	570	513	466	421
				D	0.01	0.02	0.03	0.04	0.06	0.07	0.09	0.10	0.12	0.15	0.17	0.20	0.22	0.28	0.35	0.42	0.50
		3" (76.2)	12.7 (18.5)	U	1413	904	628	461	353	279	226	187	157	134	116	100	89	70	57	46	39
				D	0.02	0.03	0.04	0.06	0.08	0.10	0.12	0.14	0.17	0.20	0.23	0.26	0.30	0.38	0.47	0.57	0.67
				C	3802	3041	2534	2172	1901	1690	1521	1382	1267	1170	1086	1014	950	845	760	691	634
				D	0.01	0.02	0.03	0.04	0.05	0.07	0.09	0.10	0.12	0.14	0.17	0.19	0.22	0.28	0.34	0.41	0.53
		4" (101.6)	13.5 (20.1)	U	2240	1434	996	731	560	443	358	296	249	212	183	159	140	111	91	75	64
				D	0.01	0.02	0.03	0.04	0.06	0.07	0.09	0.11	0.13	0.15	0.17	0.20	0.23	0.29	0.36	0.44	0.52
				C	5838	4670	3892	3336	2919	2595	2335	2123	1946	1796	1668	1557	1459	1297	1168	1061	973
				D	0.01	0.02	0.02	0.03	0.04	0.05	0.07	0.08	0.09	0.11	0.13	0.15	0.17	0.21	0.26	0.32	0.38

U - Uniform Load - Lbs. per Square Foot

D - Deflection - in Inches

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

- Span and loading values to the left of the bolded black line produce a deflection of 1/4" or less under a uniform load of 100 lbs. per square foot, allowing for safe pedestrian comfort. Span and loading values to the right of the bolded black line are applicable to other types of loads at the discretion of a licensed engineer.
- 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.

