

PRIMARY MATERIAL	GAUGE/ THICK (in)	DEPTH (mm)	#/LF (kg/m)	LOAD	CLEAR SPAN																
					24"	30"	36"	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	108"	120"	132"	144"
ALUM.	.1250"	2" (50.8)	1.3 (1.9)	U	2910	1863	1294	950	728	575	466	385	323	276	237	207	182	143	116	96	81
				D	0.08	0.12	0.18	0.24	0.32	0.40	0.50	0.60	0.72	0.84	0.98	1.12	1.27	1.61	1.99	2.41	2.81
				C	1213	970	809	693	606	539	485	441	404	373	346	323	303	270	243	221	202
				D	0.06	0.10	0.14	0.20	0.25	0.32	0.40	0.48	0.57	0.67	0.78	0.90	1.02	1.29	1.60	1.93	2.29
CARBON & GALV.	13	1-1/2" (38.1)	2.6 (3.8)	U	2008	1287	895	659	505	400	325	269	227	194	168	146	130	103	85	70	60
				D	0.05	0.08	0.11	0.15	0.20	0.25	0.31	0.38	0.45	0.53	0.62	0.11	0.82	1.04	1.30	1.57	1.90
				C	836	670	559	481	421	375	338	308	284	263	244	229	216	194	176	162	150
				D	0.04	0.06	0.09	0.12	0.16	0.20	0.25	0.30	0.35	0.43	0.49	0.57	0.65	0.83	1.04	1.27	1.52
	13	2" (50.8)	2.8 (4.1)	U	3035	1944	1352	994	762	603	490	405	341	292	253	221	194	155	126	105	89
				D	0.04	0.06	0.09	0.12	0.15	0.19	0.24	0.29	0.34	0.41	0.47	0.54	0.62	0.79	0.98	1.20	1.43
				C	1228	1003	845	725	635	566	510	465	427	395	368	344	324	290	263	240	223
				D	0.03	0.05	0.07	0.09	0.12	0.15	0.19	0.23	0.28	0.32	0.38	0.43	0.50	0.63	0.79	0.96	1.15
STAIN. STEEL	16	2" (50.8)	2.1 (3.1)	U	2781	2049	1422	1046	800	632	512	424	355	303	262	227	200	159	128	106	89
				D	0.05	0.08	0.12	0.16	0.21	0.26	0.32	0.39	0.46	0.54	0.63	0.72	0.82	1.04	1.28	1.56	1.85
				C	1334	1066	889	761	666	593	534	485	445	410	381	355	334	296	267	243	223
				D	0.04	0.06	0.09	0.13	0.16	0.21	0.26	0.31	0.37	0.43	0.50	0.58	0.66	0.83	1.03	1.25	1.48

U - Uniform Load - Lbs. per Square Foot
D - Deflection - in Inches
C - Concentrated Load - Lbs. per Square Foot of Width at Mid Span

- Product is also available in 11 gauge carbon steel and galvanized steel.
- Spans 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 only, 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 Grating.

