

PRIMARY MATERIAL	STYLE	LOAD	FIXED SPAN			CLEAR SPAN		
			24"	36"	48"	24"	36"	48"
ALUMINUM	2.00 #	C	250	100	50	150	50	--
		D	0.250	0.250	0.250	0.231	0.257	--
CARBON STEEL	3.00 #	U	275	100	--	--	--	--
		D	0.250	0.220	--	--	--	--
		C	275	165	75	100	50	50
		D	0.250	0.250	0.250	0.177	0.402	0.515
	3.14 #	U	375	150	50	--	--	--
		D	0.250	0.240	0.250	--	--	--
		C	375	155	75	200	100	50
		D	0.250	0.250	0.250	0.255	0.583	0.275
	4.00 #	U	350	150	50	--	--	--
		D	0.240	0.245	0.250	--	--	--
		C	440	220	100	200	100	50
		D	0.250	0.250	0.250	0.237	0.491	0.615
	4.27 #	U	500	165	60	--	--	--
		D	0.245	0.245	0.25	--	--	--
		C	400	225	100	200	100	50
		D	0.250	0.240	0.250	0.223	0.217	0.330
	5.00 #	U	600	175	100	--	--	--
		D	0.240	0.240	0.250	--	--	--
		C	540	310	140	350	100	50
		D	0.245	0.250	0.250	0.240	0.408	0.372
	6.25 #	U	800	300	115	--	--	--
		D	0.220	0.250	0.240	--	--	--
		C	800	300	150	400	100	50
		D	0.220	0.240	0.240	0.249	0.247	0.270
	7.00 #	U	800	400	165	--	--	--
		D	0.210	0.250	0.240	--	--	--
		C	800	350	175	400	100	75
		D	0.220	0.240	0.250	0.245	0.260	0.250
STAINLESS STEEL	3.30 #	C	--	150	50	150	50	--
		D	--	0.197	0.135	0.248	0.300	--
	4.50 #	C	300	150	100	150	50	50
		D	0.217	0.192	0.212	0.210	0.244	0.600

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

▪ 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 and Catwalk.

