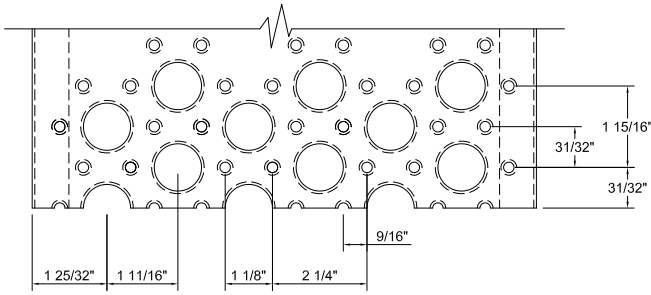


12" (305 mm) WIDE – 6 HOLE

12" (305mm) – 6 hole



LEGEND

U = Uniform Load (lb./ft.²)

C = Concentrated Load (lb.)

D = Deflection (in.)

• = Denotes span will carry in excess of 800 lbs.

Allowable Loads and Deflections

Spans to the left of the blue shaded area produce deflections of less than 1/4" for uniform loads of 100 lbs./ft.²

PART NUMBER	CHANNEL DEPTH inches (mm)	APPROX. WEIGHT lb./lin. ft. (kg/m)	LOAD/ DEFLECTION	SINGLE SPAN CONDITION													
				IN FEET & INCHES AND IN MILLIMETERS (mm)													
				2' 0" 610 mm	2' 6" 762 mm	3' 0" 914 mm	3' 6" 1067 mm	4' 0" 1219 mm	4' 6" 1372 mm	5' 0" 1524 mm	5' 6" 1676 mm	6' 0" 1829 mm	7' 0" 2134 mm	8' 0" 2438 mm	9' 0" 2743 mm	10' 0" 3048 mm	
Steel 13 Gauge/2.2 mm																	
S-61315-G	1 1/2 (38.1)	4.4 (6.5)	U	•	683	473	347	265	208	168	138	116	84	63			
			D		0.09	0.13	0.17	0.23	0.28	0.35	0.42	0.50	0.67	0.86			
			C	•	854	710	607	529	469	420	380	347	294	254	222	197	
			D		0.07	0.10	0.14	0.18	0.23	0.28	0.34	0.40	0.54	0.69	0.86	1.05	
S-61320-G	2 (50.8)	4.6 (6.8)	U	•	983	681	500	382	301	243	200	167	122	93	72	58	
			D		0.07	0.10	0.14	0.18	0.22	0.27	0.33	0.39	0.53	0.69	0.86	1.05	
			C	•	•	•	•	874	763	676	607	550	502	427	370	325	289
			D					0.11	0.14	0.18	0.22	0.26	0.31	0.42	0.55	0.69	0.84
Steel 11 Gauge/3.0 mm																	
S-61115-G	1 1/2 (38.1)	5.4 (8.0)	U	•	767	531	389	297	234	188	155	130	94	73			
			D		0.09	0.13	0.18	0.23	0.29	0.36	0.43	0.51	0.69	0.92			
			C	•	959	797	681	594	526	471	426	389	329	284	248	219	
			D		0.07	0.10	0.14	0.19	0.23	0.29	0.35	0.41	0.55	0.71	0.88	1.07	
S-61120-G	2 (50.8)	5.5 (8.2)	U	•	•	870	638	487	384	310	256	214	156	120	96	77	
			D			0.14	0.19	0.25	0.31	0.38	0.46	0.55	0.74	0.99	1.25	1.56	
			C	•	•	•	•	974	864	775	703	642	546	473	417	385	
			D					0.20	0.25	0.31	0.37	0.44	0.59	0.76	0.96	1.20	
S-61130-G	3 (76.2)	6.2 (9.2)	U	•	•	•	•	946	746	604	498	418	305	233	183	147	
			D					0.14	0.18	0.22	0.27	0.32	0.43	0.56	0.71	0.87	
			C	•	•	•	•	•	•	•	•	•	•	931	822	735	
			D											0.45	0.57	0.69	
Aluminum 0.125"/3.2 mm																	
S-61820-A	2 (50.8)	2.2 (3.3)	U	•	805	559	410	313	247								
			D		0.15	0.21	0.29	0.37	0.47								
			C	•	•	838	717	627	556	500	454						
			D			0.17	0.23	0.30	0.38	0.47	0.56						



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