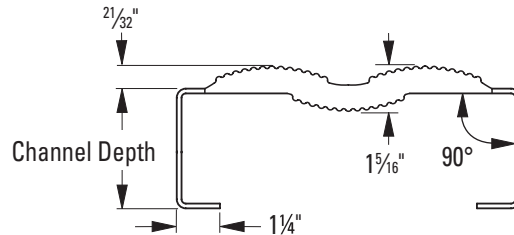
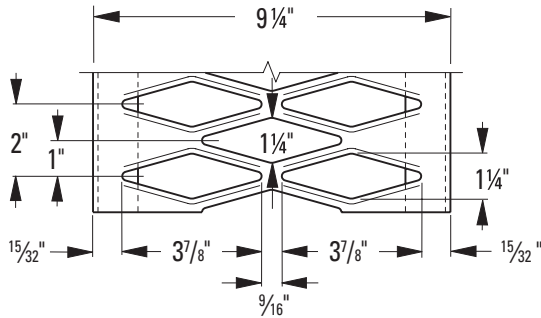


HEAVY DUTY GRIP STRUT® PLANK LOAD TABLES

2-DIAMOND — 9-1/4" WIDTH



Heavy Duty Grip Strut Plank 2-Diamond — 9-1/4" Width

Allowable loads and deflections: U=Uniform load (lb./ft.²) C= Concentrated load (lb.) D=Deflection (in.)

Material Gauge	Channel Depth in.	Weight lb./lin. ft.	Catalog Number	Load/Defl. Code	Span												
					3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	9'-0"	10'-0"
Steel* 11 ga.	2"	6.6	H-22011	U	1027	788	629	476	385	319	270	228	196	172	150	119	98
				D	.11	.15	.19	.24	.30	.35	.41	.47	.54	.62	.69	.85	1.04
				C	1240	1063	930	827	744	677	620	572	531	496	465	413	372
				D	.09	.12	.15	.19	.24	.28	.33	.38	.44	.49	.55	.68	.81
	2-1/2"	7.0	H-22511	U	1625	1194	914	722	585	483	406	347	298	259	228	182	147
				D	.10	.14	.18	.23	.27	.32	.36	.42	.49	.55	.62	.79	.96
				C	1880	1611	1410	1254	1128	1025	940	868	806	752	705	626	564
				D	.08	.11	.14	.18	.22	.25	.29	.34	.39	.44	.50	.63	.76
	3"	7.5	H-23011	U	1731	1272	974	767	623	515	431	368	319	276	242	193	154
				D	.08	.11	.15	.18	.22	.26	.30	.34	.39	.44	.48	.58	.68
				C	2000	1715	1500	1333	1180	1091	1000	923	857	800	750	667	600
				D	.07	.09	.12	.15	.17	.21	.24	.28	.31	.35	.39	.47	.55
	4"	8.3	H-24011	U	2837	2084	1598	1261	1022	844	707	606	522	455	400	315	256
				D	.07	.09	.12	.14	.17	.20	.23	.27	.31	.35	.39	.47	.56
				C	3280	2812	2460	2187	1968	1789	1640	1514	1406	1312	1230	1094	935
				D	.06	.07	.09	.11	.14	.16	.19	.22	.25	.28	.31	.38	.45
Steel 10 ga.	2"	7.4	H-22010	U	1141	876	699	529	428	354	300	253	218	191	167	132	109
				D	.11	.15	.19	.24	.30	.35	.41	.47	.54	.62	.69	.85	1.04
				C	1378	1181	1033	919	827	752	689	636	590	551	517	459	413
				D	.09	.12	.15	.19	.24	.28	.33	.38	.44	.49	.55	.68	.81
	2-1/2"	7.9	H-22510	U	1806	1327	1016	802	650	537	451	385	331	288	253	202	163
				D	.10	.14	.18	.23	.27	.32	.36	.42	.49	.55	.62	.79	.96
				C	2089	1790	1567	1393	1253	1139	1044	964	895	836	783	696	627
				D	.08	.11	.14	.18	.22	.25	.29	.34	.39	.44	.50	.63	.76
	3"	8.4	H-23010	U	1923	1413	1082	852	692	572	479	409	354	307	269	214	171
				D	.08	.11	.15	.18	.22	.26	.30	.34	.39	.44	.48	.58	.68
				C	2222	1905	1667	1481	1311	1212	1111	1026	952	889	833	741	667
				D	.07	.09	.12	.15	.17	.21	.24	.28	.31	.35	.39	.47	.55
	4"	10.3	H-24010	U	3152	2316	1775	1401	1136	938	786	673	580	506	444	350	284
				D	.07	.09	.12	.14	.17	.20	.23	.27	.31	.35	.39	.47	.56
				C	3644	3124	2733	2430	2187	1988	1822	1682	1562	1458	1367	1215	1039
				D	.06	.07	.09	.11	.14	.16	.19	.22	.25	.28	.31	.38	.45

*Available on special order.

HEAVY DUTY GRIP STRUT® PLANK LOAD TABLES

2-DIAMOND — 9-1/4" WIDTH

Heavy Duty Grip Strut Plank 2-Diamond — 9-1/4" Width

Allowable loads and deflections: U=Uniform load (lb./ft.²) C= Concentrated load (lb.) D=Deflection (in.)

Material Gauge	Channel Depth in.	Weight lb./lin. ft.	Catalog Number	Load/Defl. Code	Span												
					3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	9'-0"	10'-0"
Steel* 9 ga.	2"	8.3	H-22009	U	1255	964	769	582	471	389	330	278	240	210	184	145	120
				D	.11	.15	.19	.24	.30	.35	.41	.47	.54	.62	.69	.85	1.04
				C	1516	1299	1136	1011	910	827	758	700	649	606	569	505	454
				D	.09	.12	.15	.19	.24	.28	.33	.38	.44	.49	.55	.68	.81
	2-1/2"	8.8	H-22509	U	1987	1460	1118	882	715	591	496	424	364	317	278	222	179
				D	.10	.14	.18	.23	.27	.32	.36	.42	.49	.55	.62	.79	.96
				C	2298	1969	1724	1532	1378	1253	1148	1060	985	920	861	766	690
				D	.08	.11	.14	.18	.22	.25	.29	.34	.39	.44	.50	.63	.76
	3"	9.3	H-23009	U	2115	1554	1190	937	761	629	527	450	389	338	296	235	188
				D	.08	.11	.15	.18	.22	.26	.30	.34	.39	.44	.48	.58	.68
				C	2444	2096	1834	1629	1442	1333	1222	1129	1047	978	916	815	734
				D	.07	.09	.12	.15	.17	.21	.24	.28	.31	.35	.39	.47	.55
	4"	10.3	H-24009	U	3467	2548	1953	1541	1250	1032	865	740	638	557	488	385	312
				D	.07	.09	.12	.14	.17	.20	.23	.27	.31	.35	.39	.47	.56
				C	4008	3436	3006	2673	2406	2187	2004	1850	1718	1604	1504	1337	1143
				D	.06	.07	.09	.11	.14	.16	.19	.22	.25	.28	.31	.38	.45

*Available on special order.

Strut Concentrated - loads/deflection⁽²⁾

Plank Width	Thickness	Concentrated C _s (lb./ft.)	
		Serrated	Non-Serrated
9-1/4"	11 ga. Steel	1741	1985
	10 ga. Steel	2004	2283
	9 ga. Steel	2281	2594
	Deflection (in.)	0.01	0.01

C_s = Allowable concentrated load per ft. of length at mid-width (lb./ft.)

(2) See "General Load information", in technical info., for explanation of design load deflection conditions.

Strut Uniform - loads/deflection⁽²⁾

Plank Width	Thickness	Concentrated U (lb./ft. ²)	
		Serrated	Non-Serrated
9-1/4"	11 ga. Steel	4516	5153
	10 ga. Steel	5201	5925
	9 ga. Steel	5917	6731
	Deflection (in.)	0.01	0.01

U = Allowable Uniform Load (lb./ft.²)

(2) See "General Load information", in technical info., for explanation of design load deflection conditions.