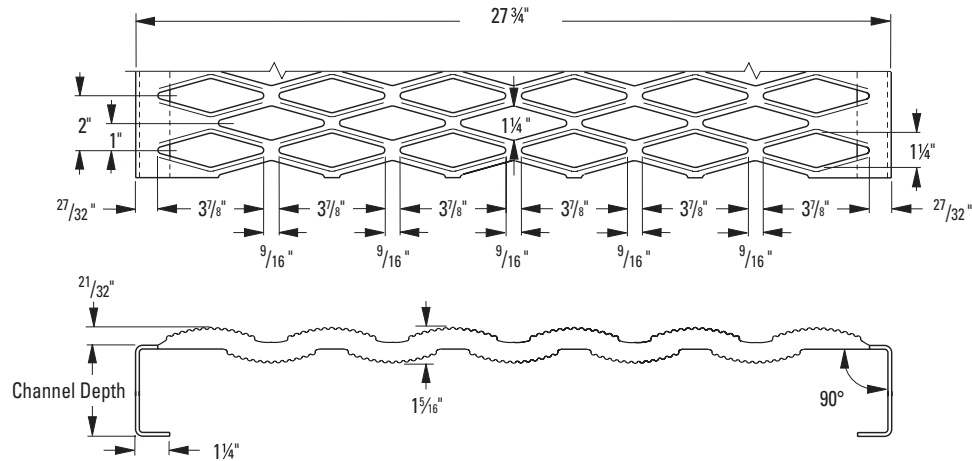


HEAVY DUTY GRIP STRUT® PLANK LOAD TABLES

6-DIAMOND — 27-3/4" WIDTH



Heavy Duty Grip Strut Plank 6-Diamond — 27-3/4" 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"	14.3	H-62011	U	368	271	206	163	132	108	93	78	67	59	51	40	34
				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"	14.7	H-62511	U	559	410	313	247	201	166	139	119	102	88	78	61	49
				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"	15.2	H-63011	U	594	436	335	264	214	176	147	126	108	95	83	66	52
				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"	16.0	H-64011	U	976	716	549	434	351	289	242	208	179	157	137	106	87
				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"	16.2	H-62010	U	410	301	230	182	147	122	103	87	75	66	58	46	37
				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"	16.7	H-62510	U	621	457	349	276	224	185	156	132	114	99	87	70	56
				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"	17.2	H-63010	U	662	486	372	293	239	197	164	141	122	106	93	74	59
				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"	18.2	H-64010	U	1805	797	611	482	391	323	270	232	200	174	153	120	98
				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

6-DIAMOND — 27-3/4" WIDTH

Heavy Duty Grip Strut Plank 6-Diamond — 27-3/4" 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"	18.2	H-62009	U	450	330	253	200	162	134	112	95	81	71	63	49	40
				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"	18.7	H-62509	U	683	502	384	303	245	202	170	144	125	108	95	76	61
				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"	19.3	H-63009	U	727	534	408	322	261	215	181	154	134	115	100	80	64
				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"	19.8	H-64009	U	1194	876	671	530	430	355	298	254	218	191	168	132	107
				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	1505	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
27-3/4"	11 ga. Steel	690	793
	10 ga. Steel	788	906
	9 ga. Steel	887	1019
	Deflection (in.)	0.11	0.10

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
27-3/4"	11 ga. Steel	597	686
	10 ga. Steel	682	784
	9 ga. Steel	767	882
	Deflection (in.)	0.14	0.13

U = Allowable Uniform Load (lb./ft.²)

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