

Heavy Duty Grip Strut Load Table

2-Diamond Plank Load Table – 9-1/4" Width

PRODUCT SELECTION/DESIGN TABLES																	
MATERIAL GAUGE	CHANNEL DEPTH	WEIGHT LB./LIN. FT.	CATALOG NUMBER	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 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
	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
	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
	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

6-Diamond Plank Load Table – 27-3/4" Width

PRODUCT SELECTION/DESIGN TABLES																	
MATERIAL GAUGE	CHANNEL DEPTH	WEIGHT LB./LIN. FT.	CATALOG NUMBER	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 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
	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
	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
	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

3-Diamond Plank Load Table – 13-3/4" Width

PRODUCT SELECTION/DESIGN TABLES																	
MATERIAL GAUGE	CHANNEL DEPTH	WEIGHT LB./LIN. FT.	CATALOG NUMBER	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 10 GA.	2	9.5	H-32010	U	801	589	450	356	288	238	202	170	147	128	113	89	73
				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
	2-1/2	10.0	H-32510	U	1214	893	683	539	437	361	304	259	223	194	170	122	110
				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
	3	10.5	H-33010	U	1293	950	728	573	466	385	322	275	238	207	181	144	115
				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
	4	11.4	H-34010	U	2121	1558	1194	943	765	631	529	453	390	340	298	236	191
				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

8-Diamond Plank Load Table – 36" Width

PRODUCT SELECTION/DESIGN TABLES																	
MATERIAL GAUGE	CHANNEL DEPTH	WEIGHT LB./LIN. FT.	CATALOG NUMBER	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 10 GA.	2	19.9	H-82010	U	306	225	172	136	110	91	77	65	56	49	43	34	28
				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
	2-1/2	20.4	H-82510	U	464	341	261	206	167	138	116	99	85	74	65	52	42
				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
	3	20.9	H-83010	U	494	363	278	219	178	147	123	105	91	79	69	55	44
				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
	4	21.8	H-84010	U	810	595	456	360	292	241	202	173	149	130	114	90	73
				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

5-Diamond Plank Load Table – 23-1/4" Width

PRODUCT SELECTION/DESIGN TABLES																	
MATERIAL GAUGE	CHANNEL DEPTH	WEIGHT LB./LIN. FT.	CATALOG NUMBER	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 10 GA.	2	14.4	H-52010	U	459	337	258	204	165	136	116	97	84	73	65	51	42
				D	.08	.11	.14	.18	.22	.25	.29	.34	.39	.44	.50	.63	.76
				C	1378	1181	1033	919	827	752	689	636	590	551	517	459	413
	2-1/2	14.9	H-52510	U	718	528	404	319	259	214	180	153	132	115	101	81	65
				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
	3	15.4	H-53010	U	765	562	430	339	276	228	190	163	141	122	107	85	68
				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
	4	16.4	H-54010	U	1254	921	706	557	452	373	312	268	231	201	177	139	113
				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

STRUT LOADING

MATERIAL GAUGE, WIDTH	UNIFORM (U)		CONCENTRATED (Cs)	
	SERRATED	NON-SERR.	SERRATED	NON-SERR.
5-D 24" STEEL 10 GA.	.912	1048	.912	1048
6-D 30" STEEL 10 GA.	.494	563	.618	704
8-D 36" STEEL 10 GA.	.343	391	.515	587
30" ALUM. .150	.590	.590	.679	.679

HEAVY DUTY WALKWAY LOAD TABLE – 24", 30", & 36" WIDTHS

MATERIAL GAUGE	WIDTH	CHANNEL DEPTH IN.	WEIGHT LB./FT.	CATALOG NUMBER	SPAN															
					4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	14'-0"	15'-0"	16'-0"	18'-0"	20'-0"		
STEEL 10 GA.	24"	5	17.5	H-55010-W	U	937	600	417	306	234	185	150	124	104	77	67	59	46	38	
					D	.38	.39	.42	.38	.38	.38	.39	.47	.56	.77	.88	1.01	1.26	1.59	
					C	3750	3000	2500	2143	1875	1667	1500	1364	1250	1071	1000	938	833	750	
	30"	5	19.9	H-65010-W	U	916	586	407	299	229	182	146	121	102	75	65	57	45	36	
					D	.37	.43	.40	.40	.46	.42	.41	.41	.49	.66	.75	.86	1.09	1.33	
					C	4584	3666	3056	2619	2291	2037	1834	1667	1528	1309	1222	1146	1019	916	
36"	5	22.7	H-85010-W	U	556	356	247	181	139	110	89	73	62	45	39	35	27	22		
				D	.39	.39	.33	.32	.33	.36	.39	.42	.51	.69	.79	91	1.15	1.40		
				C	3330	2667	2222	1905	1667	1481	1333	1212	1111	952	889	833	741	667		
ALUM. .150	30"	5	8.4	H-650-W .150-A	U	633	405	281	207	158	125	101	84							
					D	.31	.35	.40	.40	.49	.46	.47	.47	.56	.77	.86	1.02			
					C	3163	2530	2108	1807	1581	1406	1265	1150	1054						

11 GA. & 9 GA. AVAILABLE BY SPECIAL ORDER

