

GRIP STRUT SAFETY GRATING					
Plank Width	Gauge	Channel Depth	Weight lb/lin ft.	Part No.	Max. Span with 1/4" or less deflection
2-Diamond Planks 4-3/4" Width	14 Ga	1-1/2"	2.3	21514	5' 0"
		2"	2.6	22014	6' 0"
		2-1/2"	2.8	22514	7' 0"
	12 Ga	1-1/2"	3.2	21512	5' 6"
		2"	3.6	22012	6' 6"
		2-1/2"	4	22512	7' 6"
3-Diamond Planks 7" Width	14 Ga	1-1/2"	3	31514	4' 6"
		2"	3.2	32014	5' 6"
		2-1/2"	3.5	32514	6' 6"
	12 Ga	1-1/2"	4.1	31512	5' 0"
		2"	4.5	32012	6' 0"
		2-1/2"	4.9	32512	7' 0"
4-Diamond Planks 9-1/2" Width	14 Ga	1-1/2"	3.6	41514	4' 6"
		2"	3.8	42014	5' 0"
		2-1/2"	4.1	42514	6' 0"
	12 Ga	1-1/2"	5	41512	4' 6"
		2"	5.4	42012	5' 6"
		2-1/2"	5.7	42512	6' 6"
5-Diamond Planks 11-3/4" Width	14 Ga	1-1/2"	4.2	51514	4' 0"
		2"	4.4	52014	5' 0"
		2-1/2"	4.7	52514	5' 6"
	12 Ga	1-1/2"	5.9	51512	4' 6"
		2"	6.2	52012	5' 0"
		2-1/2"	6.6	52512	5' 0"
8-Diamond Planks 18-3/4" Width	14 Ga	1-1/2"	6.1	81514	3' 0"
		2"	6.3	82014	4' 0"
		2-1/2"	6.6	82514	4' 6"
	12 Ga	1-1/2"	8.5	81512	3' 6"
		2"	8.9	82012	4' 6"
		2-1/2"	9.2	82512	5' 0"
10-Diamond Planks 24" Width	14 Ga	3"	7.4	102014	3' 6"
		3"	7.9	103014	4' 6"
	12 Ga	3"	10.4	102014	4' 0"
10-Diamond Walkway 24" Width	14 Ga	3"	11.1	103014	5' 6"
		4-1/2"	8.9	104514-U	5' 6"
	12 Ga	4-1/2"	12.5	104512-U	7' 0"
Specifications shown are for Galvanized Steel. Stainless & Aluminum are also available.					
For Load Tables & additional information, refer to the Grip Strut Safety Grating Catalog.					

**GRIP STRUT STAIR TREADS**

**SAFE LOADING**

U-Uniform Load (lbs./sq. ft.) C-Concentrated Load (lb.)		2-Diamond 4-3/4" Depth				3-Diamond 7" Depth				4-Diamond 9-1/2" Depth				5-Diamond 11-3/4" Depth			
Material		Steel		Steel		Steel		Steel		Steel		Steel		Steel		Steel	
Gauge		14		12		14		12		14		12		14		12	
Span	Channel Depth - in.	U	C	U	C	U	C	U	C	U	C	U	C	U	C	U	C
2' 0"	1-1/2"	1191	472	1576	624	761	443	1006	587	549	435	750	595	434	425	575	563
	2"	1978	783	2513	995	1262	737	1604	936	911	604	1158	917	721	573	916	897
2' 6"	1-1/2"	764	378	1011	500	488	356	645	470	353	349	481	476	278	342	369	452
	2"	1268	611	1611	797	810	590	1029	750	584	578	742	734	463	566	587	719
3' 0"	1-1/2"	532	315	703	418	340	300	450	393	245	300	335	398	194	300	258	378
	2"	882	524	1121	665	563	492	716	626	407	483	517	614	322	473	409	601
4' 0" (1)	2"	498	394	633	501	318	372	404	472	230	364	292	463	182	356	232	454

(1) Intermediate stringer is recommended for spans over 4 ft.

**STANDARD SIZES AND RECOMMENDED SPANS(1)**

STEEL			STANDARD STAIR TREADS		STAIR TREADS W/ ABRASIVE NOSING	
Span in.	Gauge	Channel Depth - in.	Catalog Number	Size - in.	Catalog Number	Size - in.
Up to 30	14	1-1/2"	T-21514	2-DIA---4-3/4"	T-31514-N T-41514-N	3-DIA---8-1/8" 4-DIA---10-1/2"
			T-31514	3-DIA---7"		
			T-41514	4-DIA---9-1/2"		
			T-51514	5-DIA---11-3/4"		
30 to 36	14	1-1/2"	T-21514	2-DIA---4-3/4"	T-31514-N T-41514-N	3-DIA---8-1/8" 4-DIA---10-1/2"
			T-31514	3-DIA---7"		
			T-41514	4-DIA---9-1/2"		
			T-51514	5-DIA---11-3/4"		
36 to 42	14	1-1/2"	T-21514	2-DIA---4-3/4"	T-31514-N T-41514-N	3-DIA---8-1/8" 4-DIA---10-1/2"
			T-31514	3-DIA---7"		
			T-41514	4-DIA---9-1/2"		
			T-51514	5-DIA---11-3/4"		
42 to 48	14	2"	T-22014	2-DIA---4-3/4"	T-32014-N T-42014-N	3-DIA---8-1/8" 4-DIA---10-1/2"
			T-32014	3-DIA---7"		
			T-42014	4-DIA---9-1/2"		
			T-52014	5-DIA---11-3/4"		

(1) Recommendations are based on approx. min. loads of 300 lb. Concentrated; 100 lb. Uniform. Specific performance criteria by municipality/building code body and should be locally checked prior to finalizing specifications.