POWER-STRUT®

Slots are 1⅛" (29) x ⁹⁄₁₆" (14)
2" (51) on Center

1³⁄₁₆" (30)
⅞" (22)

Materials & Finishes - Standard:

- **Pregalvanized (PG):** Conforms to ASTM A653 SS GR 33, G90.
- **Power-Strut Defender (DF):** Conforms to ASTM A1046 SS GR 33
- **Hot Dip Galvanized (HG):** Steel conforms to ASTM A1011 SS GR 33, Finish conforms to ASTM A123
- **Perma-Green (GR):** Steel conforms to ASTM A1011 SS GR 33, E-Coat finish
- **Perma-Gold (ZD):** Steel conforms to ASTM A1011 SS GR 33, Finish conforms to ASTM B633, Type II SC3
- **Plain (PL):** Conforms to ASTM A1011 SS GR 33

Materials & Finishes - Special Metals:

- **Stainless Steel, Type 304 (SS):** ASTM A240, Type 304 *
- **Stainless Steel, Type 316 (ST):** ASTM A240, Type 316 *
- **Aluminum (EA):** ASTM B221, Type 6063-T6 (Extruded) *

* These materials have different physical properties and performance characteristics. Please contact us for design support.

Part No.	Length (ft)	Finish	Product Weight / Ft (lbs/ft)
PS 560 EH	20	PG	0.79
PS 560 EH	10	PG	0.79
PS 560 EH	10	HG	0.837
PS 560 EH	20	HG	0.837
PS 560 EH	20	GR	0.79
PS 560 EH	10	GR	0.79
PS 560 EH	20	PL	0.79
PS 560 EH	10	PL	0.79
PS 560 EH	10	ZD	0.79
PS 560 EH	20	ZD	0.79
PS 560 EH	20	SS	0.79
PS 560 EH	10	SS	0.79
PS 560 EH	10	ST	0.79
PS 560 EH	20	ST	0.79
PS 560 EH	20	EA	0.42
PS 560 EH	10	EA	0.42

Beam Loading - PS 560 EH						
Span (in)	Max Allow. Uniform Load (lbs)	Deflection at Uniform Load (in)	Uniform Loading at Deflection			Lateral Bracing Reduction Factor
			Span/180 (lbs)	Span/240 (lbs)	Span/360 (lbs)	
24	349	0.11	349	315	213	1.00
36	230	0.24	187	145	94	0.94
48	170	0.43	102	77	51	0.88
60	136	0.67	68	51	34	0.83
72	119	1.01	51	34	26	0.79
84	102	1.38	34	26	17	0.75
96	85	1.72	26	17	17	0.72
108	77	2.20	17	17	9	0.69
120	68	2.68	17	9	9	0.66

Refer to the General Specifications for loading information.

Column Loading - PS 560 EH					
Unbraced Height (in)	Allowable Load at Slot Face (lbs)	Max Column Load Applied at C.G.			
		K=0.65 (lbs)	K=0.80 (lbs)	K=1.0 (lbs)	K=1.2 (lbs)
24	1,630	4,670	4,290	3,780	3,310
36	1,450	3,840	3,310	2,460	1,730
48	1,160	3,030	2,190	1,400	970
60	870	2,120	1,400	900	KL/r>200
72	670	1,470	970	KL/r>200	KL/r>200

Refer to the General Specifications for loading information.

Project:

Architect / Engineer:

Date:

Phone:

Contractor:

Address:

Notes:

Approval Stamp: