

APPROVAL FORM

Note: If you have a special or custom order for a hard-to-find part, you can request it through our Special Order Request Form.



134 SERIES (14 GAUGE)
With 9/16 IN x 1-1/8 IN Slot, 10'

G134OS1

Description: With 9/16 IN x 1-1/8 IN Slot, 10'

Gauge: 14 g

Dimensions: 13/16' x 1-5/8'

Finish: Pre-Galvanized

Slot Type: OS (Oval Slot)

Slot Dimension: Customer Choice

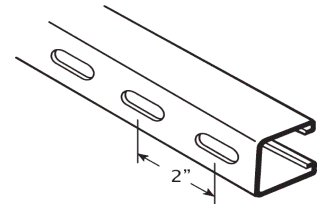
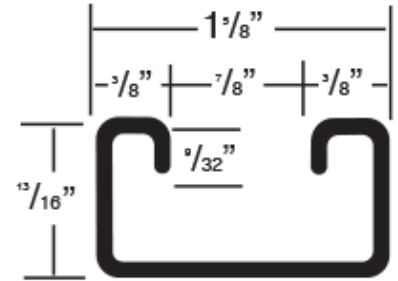
Standard Bundle: 500 ft

Weight (per 100): 101

List Price (per 100'): \$315.00 **

* weight is pounds/100 pieces

** These prices are subject to change.



Project Name: _____

Project Start Date: _____

Architect or Engineer: _____

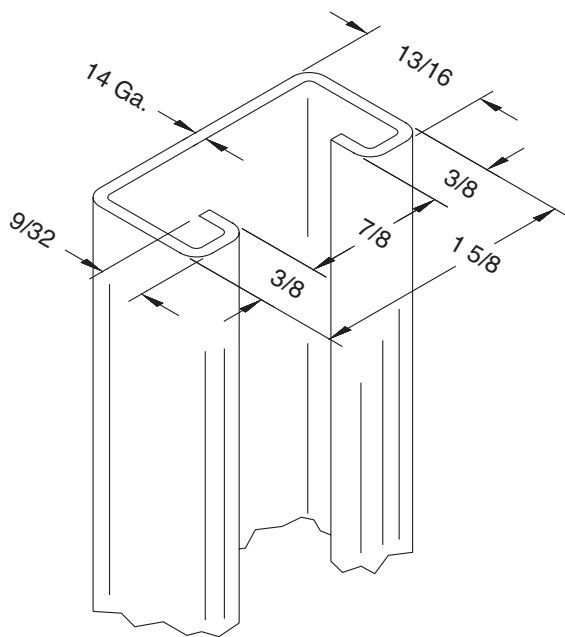
Phone: _____






Contractor(s): _____

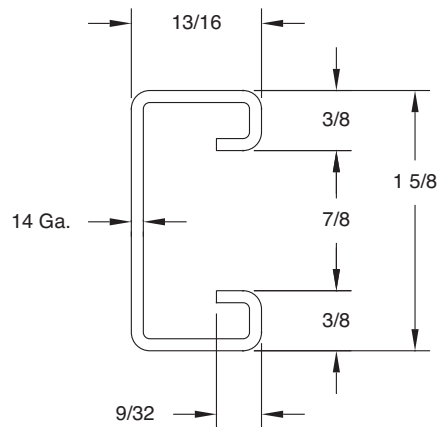
Address: _____

Notes: _____

Approval:



	G134OS	[Oval-Slot] _{ot}
	9/16" x 1-1/8" - 2" ON CTR	
	G134LS	[Long-Slot] _{ot}
	13/32" x 3" - 4" ON CTR	
	G134H	[Holes] _{is}
	9/16" DIAM. - 1-7/8" ON CTR	
	G134A	[Back-to-Back] _k
	WELDED	
	G134KO	[Knock-Out] _{it}
	7/8" DIAM. - 6" ON CTR	



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G-STRUT Channel – G134

1-5/8" x 13/16" (1.625" x 0.8125")

14 gauge (0.077" thick)

Elements of Section

Strut Section No.	Weight/ Foot lbs.	Area of Section in. ²	X-X Axis			Y-Y Axis		
			Moment of Inertia in. ⁴	Section Modulus in. ³	Radius of Gyration in.	Moment of Inertia in. ⁴	Section Modulus in. ³	Radius of Gyration in.
G134	1.000	0.294	0.025	0.052	0.292	0.109	0.134	0.609
G134A	1.980	0.581	0.117	0.144	0.449	0.214	0.263	0.607

Beam & Column Loads

Strut Section Number	Beam Span or Column Height	Maximum Column Load Load	Total Uniform Load at 25,000 PSI	Deflection at 25,000 PSI	Uniform Load at 1/240 Span Deflection
	in.	lbs.	lbs.	in.	lbs.
G134	12	5220	860	0.02	-
	18	4800	570	0.05	-
	24	4300	430	0.1	-
	30	3730	340	0.16	250
	36	3090	280	0.23	170
	42	2380	240	0.31	130
	48	1820	210	0.41	100
	54	1440	190	0.53	70
	60	1170	170	0.65	60
	66	960	150	0.77	50
	72	940	140	0.93	40
	84	0	120	1.27	30
	96	0	100	1.58	20
	108	0	90	2.03	10
G134A	120	0	80	2.48	10
	24	10350	900	0.10	900
	30	9440	720	0.13	720
	36	9440	612	0.15	612
	42	8850	612	0.18	612
	48	8170	610	0.25	480
	60	6540	490	0.40	310
	72	4700	410	0.59	210
	84	3450	350	0.77	160
	96	2640	300	1.00	120
	108	2080	270	1.22	100
	120	0	240	1.50	80

For perforated channels, reduce total beam load values as follows:

G134	OS	22%
G134	LS	35%
G134	H	14%
G134	KO	6%

E = 29000; Fy = 42700; K = 0.8

BEAM LOADS: Loads listed are distributed uniformly. For loads concentrated at center of span, multiply uniform load by 0.5 and deflection by 0.8. Where deflection is not a factor, use stress of 25,000 PSI. When deflection is a factor, use deflection of 1/240 span.

COLUMN LOADS: Column loads are for allowable axial loads for the unsupported heights listed (including a K value of 0.80). Column loads must be reduced for eccentric loading.