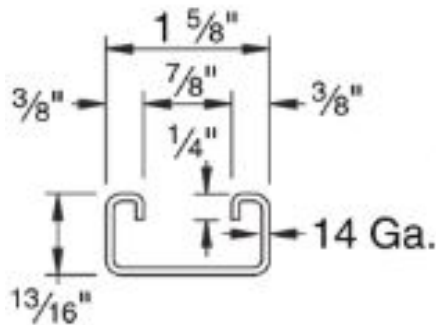


RAUCH

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 Address: 32-20 112th St, East Elmhurst, NY 11369

1 5/8 x 13/16 STRUT



1 5/8 x 13/16 14 gage 1.04 lbs/ft

BEAM LOADING DATA

Span or Unbraced Column Height	Maximum Allowable Uniform Loading	Deflection at Uniform Loading	Uniform Loading at Deflection	
			Span/240	Span/360
inch	Lbs.	Inch	Lbs	Lbs
24	466	0.11	431	288
36	312	0.24	192	137
48	231	0.43	108	73
60	187	0.68	70	47
72	154	0.97	49	33
84	135	1.32	35	22
96	117	1.73	28	18
108	103	2.19	21	12
120	339	2.70	17	8

BEAM LOADING DATA

Maximum Allowable Loading at Slot Face	Maximum Allowable Column Load Applied at Center of Gravity			
	K=.65	K=.80	K=1.0	K=1.2
Lbs	Lbs	Lbs	Lbs	Lbs
K=.80	5760	5462	4970	4298
1689	5041	4298	3072	2132
1420	3918	2701	1729	1200
1100	2620	1722	---	---
880	1819	1195	---	---
650	1335	---	---	---
510	---	---	---	---
380	---	---	---	---
300	---	---	---	---
210	---	---	---	---

Maximum allowable uniformly distributed loads are listed for simple spans consisting of a beam on two supports.
 If load is to be concentrated at center of span, multiply load by 0.5 and corresponding deflection by 0.8

PROJECT INFORMATION	APPROVED
JOB:	NOTES:
ADDRESS:	
CONTRACTOR:	
ENGINEER:	
DATE:	
APPROVED _____	NOT APPROVED _____ APPROVED AS NOTED _____