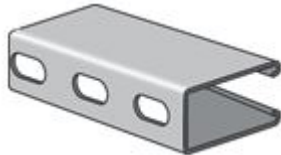
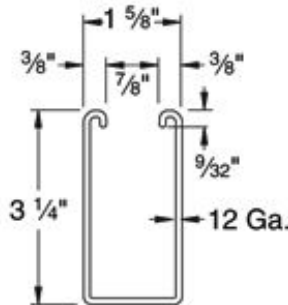


RAUCH

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1 5/8 x 3 1/4 STRUT



1 5/8 x 3 1/4 12 gage 3.05 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	5235	0.03	5235	5235
36	3487	0.07	3487	3487
48	2618	0.12	618	2618
60	2090	0.18	2100	1912
72	1745	0.26	1745	1327
84	1492	0.36	1465	977
96	1309	0.47	1122	474
108	1166	0.59	885	589
120	1042	0.73	716	478

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	
4700	8500	8200	7900	7400
4200	7900	7400	6600	5700
3400	6000	5800	5000	3900
2700	5000	4500	2600	3000
2300	4000	3500	2795	2300
1900	3000	2700	2300	1900
1600	2800	2300	1970	1600
1350	2200	2000	1720	1500
1200	2000	1800	1530	---

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 _____