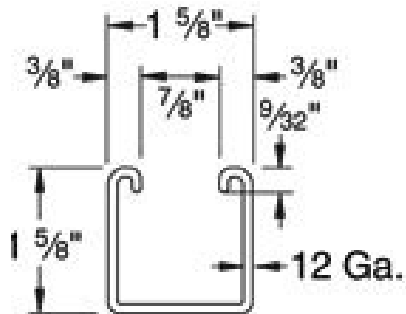


RAUCH

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 Email: info@irauch.com
 Address: 32-20 112th St, East Elmhurst, NY 11369

1 5/8 x 15/8 STRUT



1 5/8 x 1 5/8 12 gage 1.97lb/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	1691	0.06	1689	1689
36	1131	0.13	1131	900
48	852	0.22	759	509
60	680	0.35	491	321
72	561	0.50	339	219
84	479	0.68	251	171
96	421	0.89	189	129
108	381	1.14	151	101
120	339	1.40	119	79

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	9601	9501	9321	9101
3401	7642	7402	7002	6490
3002	5911	5531	4981	4430
2571	4781	4391	3851	3331
2229	4091	3681	3142	2649
1971	3602	3171	2631	2161
1759	3221	2770	2242	1802
1582	2911	2451	1931	---
1431	2641	2182	---	---
1292				

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 _____