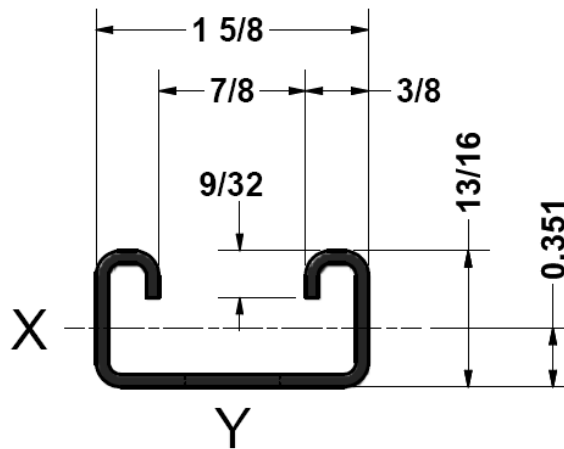
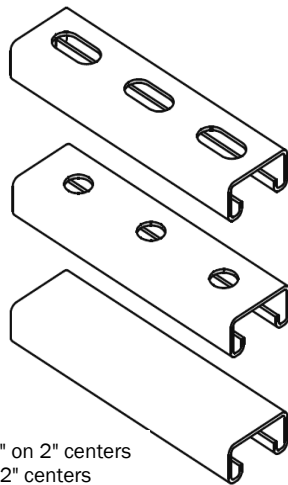


STRUT CHANNELS

FS141316		Produced and stocked in the following materials and finishes:				
		Pre-Galv ●	SS 304 ●	SS 316 ●	Hot Dip ●	Aluminum ●
SECTIONAL PROPERTIES		13/16" - CHANNEL - 14 GAUGE				
		X-X AXIS			Y-Y AXIS	
WT. Per L.F.	AREA	Ix	Sx	Rx	Iy	Sy
LBS.	SQ. in.	in.	in³	in.	in.	in³
0.97	0.285	0.0262	0.0558	0.298	0.1096	0.1348
						Ry
						in.
						0.609



SLOTS: 9/16" X 1-1/8" on 2" centers
HOLES: 9/16" dia. on 2" centers

Beam Loading Data					Column Loading Data				
Span or Unbraced Column Height	Maximum Allowable Uniform Loading	Deflection at Uniform Loading	Uniform Loading at Deflection		Maximum Allowable Loading at Slot Face K=0.80	Maximum Allowable Column Load Applied at Center of Gravity			
			Span / 240 Lbs.	Span / 360 Lbs.		K=.65	K=.80	K=1.0	K=1.2
In.	Lbs.	In.			Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
24	466	0.11	431	288	1689	5760	5246	4970	4298
36	312	0.24	192	127	1420	5041	4289	3072	2132
48	231	0.43	108	73	1100	3918	2701	1729	1200
60	187	0.68	70	47	880	2620	1722	**	**
72	154	0.97	49	33	650	1819	1195	**	**
84	135	1.32	35	22	510	1335	**	**	
96	117	1.73	28	18	380	**	**	**	
108	103	2.19	21	12	300	**	**	**	
120	92	2.70	17	8	210	**	**	**	**KL > 200 r

SEE ENGINEERING NOTE: PAGE 5