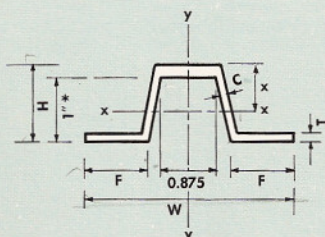




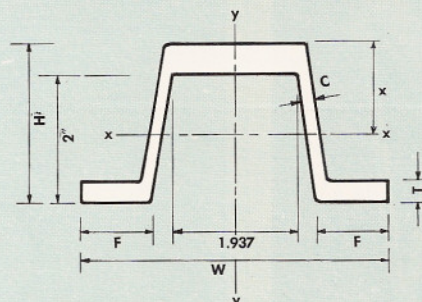
OPEN WEB STEEL JOISTS

CHORD DIMENSIONS AND PROPERTIES

SHALLOW HAT SECTION (LETTERS FROM A TO K IN TABLES)



DEEP HAT SECTION (LETTERS FROM M TO R IN TABLES)



CHORD DIMENSION AND PROPERTIES

JOIST	NOMINAL SIZE AND WT./FT. IN LBS.			AREA IN. ²	MEASUREMENT IN INCHES					I _{xx}	S _{xx}	r _{xx}	r _{yy}	x
					W	F	H	T	C					
B	2 1/2	@	1.802	0.530	2 1/2	5/8	1.132	0.132	0.110	0.098	0.164	0.420	0.667	0.600
C	3 1/4	@	2.169	0.638	3 1/4	1	1.134	0.134	0.111	0.109	0.160	0.422	0.838	0.685
D	3 1/4	@	2.574	0.757	3 1/4	1	1.176	0.176	0.118	0.147	0.209	0.437	0.852	0.698
E	3 1/4	@	3.033	0.892	3 1/4	1	1.222	0.222	0.127	0.181	0.248	0.448	0.873	0.720
F	4 1/8	@	3.600	1.059	4 1/8	1 7/16	1.212	0.212	0.123	0.209	0.265	0.435	1.110	0.790
G	4 1/8	@	4.280	1.259	4 1/8	1 7/16	1.266	0.266	0.133	0.232	0.289	0.438	1.117	0.820
H	4 1/8	@	5.083	1.495	4 1/8	1 7/16	1.320	0.320	0.141	0.291	0.342	0.440	1.125	0.848
J	4 1/8	@	5.991	1.762	4 1/8	1 7/16	1.381	0.381	0.152	0.350	0.402	0.442	1.134	0.873
K	4 1/8	@	6.763	1.989	4 1/8	1 7/16	1.432	0.432	0.161	0.393	0.438	0.444	1.144	0.897
L	4 1/8	@	7.606	2.237	4 1/8	1 7/16	1.484	0.481	0.170	0.436	0.474	0.446	1.155	0.922
X	5 1/4	@	8.000	2.353	4 3/4	1 1/16	2.290	0.290	0.254	1.750	1.460	0.847	1.399	1.155
M	5 1/4	@	8.517	2.505	4 3/4	1 1/16	2.319	0.319	0.259	1.823	1.559	0.853	1.443	1.170
N	5 1/4	@	9.506	2.796	4 3/4	1 1/16	2.374	0.374	0.269	2.098	1.754	0.866	1.451	1.200
P	5 1/4	@	10.557	3.105	4 3/4	1 1/16	2.433	0.433	0.279	2.393	1.955	0.877	1.457	1.220
Q	5 1/4	@	11.706	3.443	4 3/4	1 1/16	2.498	0.498	0.290	2.719	2.167	0.888	1.463	1.260
R	5 1/4	@	12.903	3.795	4 3/4	1 1/16	2.565	0.565	0.302	3.063	2.382	0.898	1.468	1.290