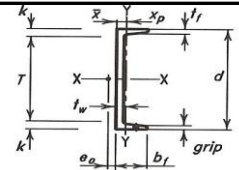


C Channel Sizes & Section Properties



C sections	W(lbs)	A(in <sup>2</sup> )	d(in)	bf(in)	tw(in)	tf (in)	Ix(in <sup>4</sup> )	Zx(in <sup>3</sup> )	Sx (in <sup>3</sup> )	rx(in)	Iy(in <sup>4</sup> )	Zy(in <sup>3</sup> )	Sy(in <sup>4</sup> )	ry(in)
C15X50	50.0	14.7	15.0	3.72	0.716	0.650	404	68.5	53.8	5.24	11.0	8.14	3.77	0.865
C15X40	40.0	11.8	15.0	3.52	0.520	0.650	348	57.5	46.5	5.45	9.17	6.84	3.34	0.883
C15X33.9	33.9	10.0	15.0	3.40	0.400	0.650	315	50.8	42.0	5.62	8.07	6.19	3.09	0.901
C12X30	30.0	8.81	12.0	3.17	0.510	0.501	162	33.8	27.0	4.29	5.12	4.32	2.05	0.762
C12X25	25.0	7.34	12.0	3.05	0.387	0.501	144	29.4	24.0	4.43	4.45	3.82	1.87	0.779
C12X20.7	20.7	6.08	12.0	2.94	0.282	0.501	129	25.6	21.5	4.61	3.86	3.47	1.72	0.797
C10X30	30.0	8.81	10.0	3.03	0.673	0.436	103	26.7	20.7	3.42	3.93	3.78	1.65	0.668
C10X25	25.0	7.34	10.0	2.89	0.526	0.436	91.1	23.1	18.2	3.52	3.34	3.18	1.47	0.675
C10X20	20.0	5.87	10.0	2.74	0.379	0.436	78.9	19.4	15.8	3.66	2.80	2.70	1.31	0.690
C10X15.3	15.3	4.48	10.0	2.60	0.240	0.436	67.3	15.9	13.5	3.87	2.27	2.34	1.15	0.711
C9X20	20.0	5.87	9.00	2.65	0.448	0.413	60.9	16.9	13.5	3.22	2.41	2.46	1.17	0.640
C9X15	15.0	4.41	9.00	2.49	0.285	0.413	51.0	13.6	11.3	3.40	1.91	2.04	1.01	0.659
C9X13.4	13.4	3.94	9.00	2.43	0.233	0.413	47.8	12.6	10.6	3.49	1.75	1.94	0.954	0.666
C8X18.75	11.5	5.51	8.00	2.53	0.487	0.390	43.9	13.9	11.0	2.82	1.97	2.17	1.01	0.598
C8X13.7	13.7	4.04	8.00	2.34	0.303	0.390	36.1	11.0	9.02	2.99	1.52	1.73	0.848	0.613
C8X11.5	11.5	3.37	8.00	2.26	0.220	0.390	32.5	9.63	8.14	3.11	1.31	1.57	0.775	0.623
C7X14.7	14.7	4.33	7.00	2.30	0.419	0.366	27.2	9.75	7.78	2.51	1.37	1.63	0.772	0.561
C7X12.2	12.2	3.60	7.00	2.19	0.314	0.366	24.2	8.46	6.92	2.60	1.16	1.42	0.696	0.568
C7X9.8	9.80	2.87	7.00	2.09	0.210	0.366	21.2	7.19	6.07	2.72	0.957	1.26	0.617	0.578
C6X13	13.0	3.81	6.00	2.16	0.437	0.343	17.3	7.29	5.78	2.13	1.05	1.35	0.638	0.524
C6X10.5	10.5	3.08	6.00	2.03	0.314	0.343	15.1	6.18	5.04	2.22	0.860	1.14	0.561	0.529
C6X8.2	8.20	2.39	6.00	1.92	0.200	0.343	13.1	5.16	4.35	2.34	0.687	0.987	0.488	0.536
C5X9	9.00	2.64	5.00	1.89	0.325	0.320	8.89	4.39	3.56	1.83	0.624	0.913	0.444	0.486
C5X6.7	6.70	1.97	5.00	1.75	0.190	0.320	7.48	3.55	2.99	1.95	0.470	0.757	0.372	0.489
C4X7.2	7.20	2.13	4.00	1.72	0.321	0.296	4.58	2.84	2.29	1.47	0.425	0.695	0.337	0.447
C4X5.4	5.40	1.58	4.00	1.58	0.184	0.296	3.85	2.29	1.92	1.56	0.312	0.565	0.277	0.444
C4X4.5	4.50	1.38	4.00	1.58	0.125	0.296	3.65	2.12	1.83	1.63	0.289	0.531	0.265	0.457
C3X6	6.00	1.76	3.00	1.60	0.356	0.273	2.07	1.74	1.38	1.08	0.300	0.543	0.263	0.413
C3X5	5.00	1.47	3.00	1.50	0.258	0.273	1.85	1.52	1.23	1.12	0.241	0.464	0.228	0.405
C3X4.1	4.10	1.20	3.00	1.41	0.170	0.273	1.65	1.32	1.10	1.17	0.191	0.399	0.196	0.398