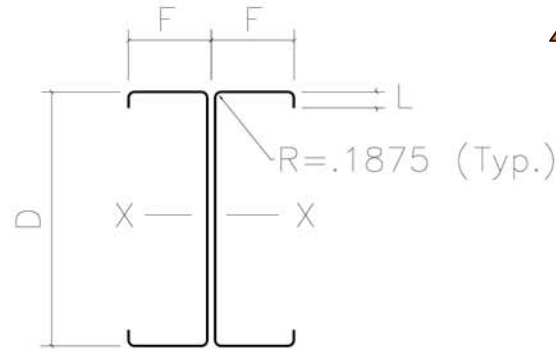


“Double C” Shape Effective Section Properties



Section Size (D×F)	Ga.	L in	Weight lb/ft	Area in ²	Properties of Fully Braced Section					
					I _x	S _c	R _x	I _y	S _y	R _y
4×2.5	16	.83	3.81	1.12	2.76	1.31	1.63	2.08	0.83	1.36
4×2.5	14	.88	5.04	1.48	3.79	1.85	1.61	2.78	1.11	1.37
6×2.5	16	.83	4.57	1.34	7.08	2.25	2.37	2.08	0.83	1.24
6×2.5	14	.88	6.05	1.78	9.69	3.16	2.36	2.78	1.11	1.25
8×2.5	16	.83	5.34	1.57	13.72	3.24	3.08	2.08	0.83	1.15
8×2.5	14	.88	7.05	2.07	19.06	4.67	3.07	2.78	1.11	1.16
8×2.5	12	.96	9.72	2.86	26.87	6.72	3.05	3.91	1.56	1.17
8×3.5	16	.83	6.10	1.79	15.08	3.31	3.20	5.00	1.43	1.67
8×3.5	14	.88	8.06	2.37	21.44	4.96	3.19	6.68	1.91	1.68
8×3.5	12	.96	11.11	3.26	30.33	7.15	3.17	9.37	2.68	1.69
10×2.5	16	.83	6.10	1.79	22.15	4.02	3.76	2.08	0.83	1.08
10×2.5	14	.88	8.06	2.37	32.50	6.38	3.75	2.78	1.11	1.08
10×2.5	12	.96	11.11	3.26	45.89	9.18	3.73	3.91	1.56	1.09
10×3.5	14	.88	9.07	2.66	35.41	6.49	3.90	6.68	1.91	1.58
10×3.5	12	.96	12.50	3.67	51.19	9.71	3.88	9.38	2.68	1.60
12×3.5	14	.88	10.07	2.96	52.17	7.72	4.58	6.68	1.91	1.50
12×3.5	12	.96	13.89	4.08	79.01	12.54	4.57	9.38	2.68	1.51
14×3.0	14	.88	10.58	3.10	69.48	8.77	5.16	4.44	1.48	1.19
14×3.0	12	.95	14.58	4.28	112.17	15.84	5.14	6.23	2.07	1.20

Notes:

- 1) Properties are computed in accordance with the 1986 edition of the AISI specification.
- 2) I_x is for deflection determination, S_c is for bending, S_y and I_y are for full section.