

CONTINUOUS BEAM MOMENT*

	TYPE	SIZE OF MAIN BARS	Weight lbs per Sq. Ft.	I in ⁴ per Foot	Sec. Modulus In ³ per Foot		Maximum Allowable Grating Span in Inches		
					ST	SB	H10	H15	H20
ASTM A-36 STEEL	RW-12	2-1/2 x 3/16	15.11	1172	0.937	0.937	16.27	17.52	19.39
	RW-12A	2-1/2 x 1/4	17.23	1524	1.219	1.219	19.78	20.61	22.27
	RW-12B	2-1/2 x 5/16	19.25	1860	1.488	1.488	23.18	23.60	25.05
	RW-12C	2-1/2 x 3/8	21.18	2180	1.744	1.744	26.49	26.48	27.73
	RW-14	3 x 3/16	16.64	2.025	1.350	1.350	21.23	21.93	23.52
	RW-14A	3 x 1/4	19.23	2.634	1.756	1.756	26.28	26.38	27.68
	RW-14B	3 x 5/16	21.68	3.214	2.143	2.143	31.19	30.68	31.68
	RW-14C	3 x 3/8	24.03	3.767	2.512	2.512	35.94	34.84	35.53
	RW-16A	3-1/2 x 1/4	21.22	4.183	2.390	2.390	33.97	33.20	34.06
	RW-16B	3-1/2 x 5/16	24.12	5.104	2.917	2.917	40.64	39.05	39.50
	RW-16C	3-1/2 x 3/8	26.88	5.983	3.419	3.419	47.11	44.71	44.75
	RW-18A	4 x 1/4	23.21	6.244	3.122	3.122	42.84	41.06	41.43
	RW-18B	4 x 5/16	26.55	7.619	3.809	3.809	51.55	48.71	48.54
	RW-18C	4 x 3/8	29.73	8.930	4.465	4.465	60.01	56.10	55.39
	RW-20A	4-1/2 x 1/4	25.2	8.890	3.952	3.952	52.89	49.98	49.78
	RW-20B	4-1/2 x 5/16	28.98	10.848	4.822	4.822	63.92	59.66	58.77
	RW-20C	4-1/2 x 3/8	32.58	12.715	5.651	5.651	74.62	69.01	67.45
	RW-22A	5 x 1/4	27.19	12.195	4.878	4.878	64.12	59.94	59.10
	RW-22B	5 x 5/16	31.41	14.881	5.953	5.953	77.74	71.89	70.22
	RW-22C	5 x 3/8	35.42	17.442	6.977	6.977	90.95	83.44	80.93
ASTM A-588 STEEL	RW-12	2-1/2 x 3/16	15.11	1172	0.937	0.937	20.21	21.02	22.68
	RW-12A	2-1/2 x 1/4	17.23	1524	1.219	1.219	24.95	25.20	26.57
	RW-12B	2-1/2 x 5/16	19.25	1860	1.488	1.488	29.55	29.23	30.32
	RW-12C	2-1/2 x 3/8	21.18	2180	1.744	1.744	34.01	33.13	33.94
	RW-14	3 x 3/16	16.64	2.025	1.350	1.350	26.91	26.97	28.26
	RW-14A	3 x 1/4	19.23	2.634	1.756	1.756	33.73	32.99	33.86
	RW-14B	3 x 5/16	21.68	3.214	2.143	2.143	40.35	38.80	39.27
	RW-14C	3 x 3/8	24.03	3.767	2.512	2.512	46.77	44.40	44.47
	RW-16A	3-1/2 x 1/4	21.22	4.183	2.390	2.390	44.11	42.19	42.48
	RW-16B	3-1/2 x 5/16	24.12	5.104	2.917	2.917	53.11	50.09	49.83
	RW-16C	3-1/2 x 3/8	26.88	5.983	3.419	3.419	61.85	57.73	56.92
	RW-18A	4 x 1/4	23.21	6.244	3.122	3.122	56.08	52.81	52.43
	RW-18B	4 x 5/16	26.55	7.619	3.809	3.809	67.84	63.13	62.02
	RW-18C	4 x 3/8	29.73	8.930	4.465	4.465	79.26	73.11	71.28
	RW-20A	4-1/2 x 1/4	25.2	8.890	3.952	3.952	69.65	64.85	63.70
	RW-20B	4-1/2 x 5/16	28.98	10.848	4.822	4.822	84.54	77.91	75.85
	RW-20C	4-1/2 x 3/8	32.58	12.715	5.651	5.651	98.99	90.53	87.56
	RW-22A	5 x 1/4	27.19	12.195	4.878	4.878	84.81	78.30	76.29
	RW-22B	5 x 5/16	31.41	14.881	5.953	5.953	103.19	94.43	91.29
	RW-22C	5 x 3/8	35.42	17.442	6.977	6.977	121.03	110.01	105.75

* Must have two or more intermediate support