



METRO STEEL USA

W F SHAPES						W F SHAPES					
SECTION NUMBER	WEIGHT PER/FOOT	DEPTH OF SECTION	FLANGE		WEB THICKNESS	SECTION NUMBER	WEIGHT PER/FOOT	DEPTH OF SECTION	FLANGE		WEB THICKNESS
			WIDTH	THICKNESS					WIDTH	THICKNESS	
	lb.	in.	in.	in.	in.		lb.	in.	in.	in.	in.
W4	13	4.16	4.06	0.345	0.28	W14	22	13.74	5	0.335	0.23
W5	16	5.01	5	0.3	0.24		26	13.91	5.025	0.42	0.255
	19	5.15	5.03	0.43	0.27	W14	30	13.84	6.73	0.385	0.27
W6	8.5	5.83	3.94	0.194	0.17		34	13.98	6.785	0.455	0.285
	9	5.9	3.94	0.215	0.17		38	14.1	6.77	0.515	0.31
	12	6.03	4	0.28	0.23	W14	43	13.66	7.995	0.53	0.305
	16	6.28	4.03	0.405	0.26		48	13.79	8.03	0.595	0.34
W6	15	5.99	5.99	0.26	0.23		53	13.92	8.06	0.66	0.37
	20	6.2	6.02	0.365	0.26		61	13.89	9.995	0.645	0.375
	25	6.38	6.08	0.455	0.32		68	14.04	10.035	0.72	0.415
W8	10	7.89	3.94	0.205	0.17		74	14.17	10.07	0.785	0.45
	13	7.99	4	0.255	0.23		82	14.31	10.13	0.855	0.51
	15	8.11	4.015	0.315	0.245	W14	90	14.02	14.52	0.71	0.44
W8	18	8.14	5.25	0.33	0.23		99	14.16	14.565	0.78	0.485
	21	8.28	5.27	0.4	0.25		109	14.32	14.605	0.86	0.525
W8	24	7.93	6.49	0.4	0.245		120	14.48	14.67	0.94	0.59
	28	8.06	6.535	0.465	0.285		132	14.66	14.725	1.03	0.645
W8	31	8	7.995	0.435	0.285	W14	145	14.78	15.5	1.09	0.68
	35	8.12	8.02	0.495	0.31		159	14.98	15.565	1.19	0.745
	40	8.25	8.07	0.56	0.36		176	15.22	15.65	1.31	0.87
	48	8.5	8.11	0.685	0.4		193	15.48	15.71	1.44	0.89
	58	8.75	8.22	0.81	0.51		211	15.72	15.8	1.56	0.98
	67	9	8.28	0.935	0.57		233	16.04	15.89	1.72	1.07
W10	12	9.87	3.96	0.21	0.19		257	16.38	15.995	1.89	1.175
	15	9.99	4	0.27	0.23		283	16.74	16.11	2.07	1.29
	17	10.11	4.01	0.33	0.24		311	17.12	16.23	2.26	1.41
	19	10.24	4.02	0.395	0.25		342	17.54	16.36	2.47	1.54
W10	22	10.17	5.75	0.36	0.24		370	17.92	16.475	2.66	1.655
	26	10.33	5.77	0.44	0.26		398	18.29	16.59	2.845	1.77
	30	10.47	5.81	0.51	0.3		426	18.67	16.695	3.035	1.875
W10	33	9.73	7.96	0.435	0.29		455	19.02	16.835	3.21	2.015
	39	9.92	7.985	0.53	0.315		500	19.6	17.01	3.5	2.19
	45	10.1	8.02	0.62	0.35		550	20.24	17.2	3.82	2.38
W10	49	9.98	10	0.56	0.34		605	20.92	17.415	4.16	2.595
	54	10.09	10.03	0.615	0.37		665	21.64	17.65	4.52	2.83
	60	10.22	10.08	0.68	0.42		730	22.42	17.89	4.91	3.07
	68	10.4	10.13	0.77	0.47	W16	26	15.69	5.5	0.345	0.25
	77	10.6	10.19	0.87	0.53		31	15.88	5.525	0.44	0.275
	88	10.84	10.265	0.99	0.605		36	15.86	6.985	0.43	0.295
	100	11.1	10.34	1.12	0.68		40	16.01	6.995	0.505	0.305
	112	11.36	10.415	1.25	0.755		45	16.13	7.035	0.565	0.345
W12	14	11.91	3.97	0.225	0.222		50	16.26	7.07	0.63	0.38
	16	11.99	3.99	0.265	0.22		57	16.43	7.12	0.715	0.43
	19	12.16	4.005	0.35	0.235	W16	67	16.33	10.235	0.665	0.395
	22	12.31	4.03	0.425	0.26		77	16.52	10.295	0.76	0.455
W12	26	12.22	6.49	0.38	0.23		89	16.75	10.365	0.875	0.525
	30	12.34	6.52	0.44	0.26		100	16.97	10.425	0.985	0.585
	35	12.5	6.56	0.52	0.3	W18	35	17.7	6	0.425	0.3
W12	40	11.94	8.005	0.515	0.295		40	17.9	6.015	0.525	0.315
	45	12.06	8.045	0.575	0.335		46	18.06	6.06	0.605	0.36
	50	12.19	8.08	0.64	0.37	W18	41	17.7	7.45	0.53	0.32
W12	53	12.06	9.995	0.757	0.345		45	17.86	7.48	0.5	0.34
	58	12.19	10.01	0.64	0.36		50	17.99	7.495	0.57	0.355
W12	65	12.12	12	0.605	0.39		55	18.11	7.53	0.63	0.39
	72	12.25	12.04	0.67	0.43		60	18.24	7.555	0.695	0.415
	79	12.38	12.08	0.735	0.47		65	18.35	7.59	0.75	0.45
	87	12.53	12.125	0.81	0.515		71	18.47	7.635	0.81	0.495
	96	12.71	12.16	0.9	0.55	W18	76	18.21	11.035	0.68	0.425
	106	12.89	12.22	0.99	0.61		86	18.39	11.09	0.77	0.48
	120	13.12	12.32	1.105	0.71		97	18.59	11.145	0.87	0.535
	136	13.41	12.4	1.25	0.79		106	18.73	11.2	0.94	0.59
	152	13.71	12.48	1.4	0.87		119	18.97	11.265	1.06	0.655
	170	14.03	12.57	1.56	0.96		130	19.25	11.16	1.2	0.67
	190	14.38	12.67	1.735	1.06		143	19.49	11.22	1.32	0.73
	210	14.71	12.79	1.9	1.18		158	19.72	11.3	1.44	0.81
	230	15.05	12.895	2.07	1.285		175	20.04	11.375	1.59	0.89
	252	15.41	13.005	2.25	1.395		192	20.35	11.455	1.75	0.96
	279	15.85	13.14	2.47	1.53		211	20.67	11.555	1.91	1.06
	305	16.32	13.235	2.705	1.625		234	21.06	11.65	2.11	1.16
	336	16.82	13.385	2.955	1.775		258	21.46	11.77	2.3	1.28
							283	21.85	11.89	2.5	1.4
							311	22.32	12.005	2.74	1.52



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			WIDTH	THICKNESS					WIDTH	THICKNESS		
	lb.	in.	in.	in.	in.		lb.	in.	in.	in.	in.	
W21	44	20.66	6.5	0.45	0.35	W30	173	30.44	14.985	1.065	0.655	
	50	20.83	6.53	0.535	0.38		191	30.68	15.04	1.185	0.71	
	57	21.06	6.555	0.65	0.405		211	30.94	15.105	1.315	0.775	
W21	48	20.62	8.14	0.43	0.035	235	31.3	15.055	1.5	0.83		
	55	20.8	8.22	0.522	0.375	261	31.61	15.155	1.65	0.93		
	62	20.99	8.24	0.615	0.4	292	32.01	15.255	1.85	1.02		
	68	21.13	8.27	0.685	0.43	326	32.4	15.37	2.05	1.14		
	73	21.24	8.295	0.74	0.455	357	32.8	15.47	2.24	1.24		
	83	21.43	8.355	0.835	0.515	391	33.19	15.59	2.44	1.36		
	93	21.62	8.42	0.93	0.58							
W21	101	21.36	12.29	0.8	0.5	W33	118	32.86	11.48	0.74	0.55	
	111	21.51	12.34	0.875	0.55		130	33.09	11.51	0.855	0.58	
	122	21.68	12.39	0.96	0.6		141	33.3	11.535	0.96	0.605	
	132	21.83	12.44	1.035	0.65		152	33.49	11.565	1.055	0.635	
	147	22.06	12.51	1.15	0.72	169	33.82	11.5	1.22	0.67		
	166	22.48	12.42	1.36	0.75	W33	201	33.68	15.745	1.15	0.715	
	182	22.72	12.5	1.48	0.83		221	33.93	15.805	1.275	0.775	
	201	23.03	12.56	1.63	0.91		241	34.18	15.86	1.4	0.83	
	223	23.35	12.68	1.79	1		263	34.53	15.805	1.57	0.87	
	248	23.74	12.775	1.99	1.11		291	34.84	15.905	1.73	0.96	
	275	24.13	12.89	2.19	1.22	318	35.16	15.985	1.89	1.04		
						354	35.55	16.1	2.09	1.16		
						387	35.95	16.2	2.28	1.26		
W24	55	23.57	7.005	0.505	0.395	W36	135	35.55	11.9	0.79	0.6	
	62	23.74	7.04	0.59	0.43		150	35.85	11.975	0.94	0.625	
W24	56	23.48	8.9	0.46	0.355		160	36.01	12	1.02	0.65	
	61	23.56	8.93	0.5	0.38		170	36.17	12.03	1.1	0.68	
	68	23.73	8.965	0.585	0.415		182	36.33	12.075	1.18	0.725	
	76	23.92	8.99	0.68	0.44	194	36.49	12.115	1.26	0.765		
	84	24.1	9.2	0.77	0.47	210	36.69	12.18	1.36	0.83		
	94	24.31	9.065	0.875	0.515	232	37.12	12.12	1.57	0.96		
103	24.53	9	0.98	0.55	256	37.43	12.215	1.73	0.87			
W24	104	24.06	12.75	0.75	0.5	W36	231	36.49	16.47	1.26	0.76	
	117	24.26	12.8	0.85	0.55		247	36.67	16.51	1.35	0.8	
	131	24.48	12.855	0.96	0.605		262	36.85	16.55	1.44	0.84	
	146	24.74	12.9	1.09	0.65		282	37.11	16.595	1.57	0.885	
	162	25	12.995	1.22	0.705		302	37.33	16.655	1.68	0.945	
	176	25.24	12.89	1.34	0.75		330	37.67	16.63	1.85	1.02	
	192	25.47	12.95	1.46	0.81		361	37.99	16.73	2.01	1.12	
	207	25.71	13.01	1.57	0.87		395	38.41	16.83	2.2	1.22	
	229	26.02	13.11	1.73	0.96		441	38.85	16.965	2.44	1.36	
	250	26.34	13.185	1.89	1.04		487	39.33	17.086	2.681	1.5	
	279	26.73	13.305	2.09	1.16	529	39.8	17.205	2.909	1.61		
	306	27.13	13.405	2.28	1.26	652*	41.06	17.559	3.539	1.968		
	335	27.52	13.52	2.48	1.38	W40	149	38.2	11.81	0.83	0.63	
	370	27.99	13.66	2.72	1.52		167	38.59	11.81	1.025	0.65	
	W27	84	26.71	9.96	0.64		0.46	183	38.98	11.81	1.22	0.65
		94	26.92	9.99	0.745		0.49	211	39.37	11.811	1.413	0.752
102		27.09	10.015	0.83	0.515		235	39.68	11.89	1.575	0.831	
114		27.29	10.07	0.93	0.57		264	40	11.929	1.728	0.961	
129		27.63	10.01	1.1	0.61		278	40.16	11.968	1.811	1.024	
W27	146	27.38	13.965	0.975	0.605		294	40.39	12.008	1.929	1.059	
	161	27.59	14.02	1.08	0.66	327	40.79	12.126	2.13	1.181		
	178	27.81	14.085	1.19	0.725	331*	40.79	12.165	2.126	1.22		
	194	28.11	14.035	1.34	0.75	392*	41.57	12.362	2.52	1.417		
	217	28.43	14.115	1.5	0.83	W40	199	38.67	15.75	1.065	0.65	
	235	28.66	14.19	1.61	0.91		215	38.98	15.75	1.22	0.65	
	258	28.98	14.27	1.77	0.98		249	39.38	15.75	1.42	0.75	
	281	29.29	14.35	1.93	1.06		277	39.69	15.83	1.575	0.83	
	307	29.61	14.445	2.09	1.16		297	39.84	15.825	1.65	0.93	
	336	30	14.545	2.28	1.26		324	40.16	15.905	1.81	1	
	368	30.39	14.665	2.48	1.38		362	40.55	16.02	2.01	1.12	
W30	90	29.53	10.4	0.61	0.47		372	40.63	16.06	2.05	1.16	
	99	29.65	10.45	0.67	0.52	397	40.95	16.12	2.2	1.22		
	108	29.83	10.475	0.76	0.545	431	41.26	16.22	2.363	1.339		
	116	30.01	10.495	0.85	0.565	503*	42.05	16.417	2.756	1.535		
	124	30.17	10.515	0.93	0.585	593*	42.99	16.693	3.228	1.791		
	132	30.31	10.545	1	0.615	W44	230	42.91	15.75	1.22	0.71	
	148	30.67	10.48	1.18	0.65		262	43.31	15.75	1.42	0.79	
							290	43.62	15.83	1.58	0.87	
					335		44.02	15.95	1.77	1.02		