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WF SHAPES

Section Number	Weight per Foot	Depth of Section	Flange		Web Thickness
			Width	Thick-ness	
	lb.	in.	in.	in.	in.
W44 x	335	44	15 ¹⁵ / ₁₆	1 ⁴⁹ / ₆₄	1 ¹ / ₃₂
	290	43 ⁵ / ₈	15 ⁵³ / ₆₄	1 ³⁷ / ₆₄	55 ⁵ / ₆₄
	262	43 ⁵ / ₁₆	15 ³ / ₄	1 ²⁷ / ₆₄	25 ⁵ / ₃₂
	230	42 ²⁶ / ₃₂	15 ³ / ₄	1 ⁷ / ₃₂	45 ⁵ / ₆₄
W40 x	397	40 ⁶¹ / ₆₄	16 ⁷ / ₆₄	2 ¹³ / ₆₄	1 ⁷ / ₃₂
	372	40 ⁴¹ / ₆₄	16 ¹ / ₁₆	2 ³ / ₆₄	1 ⁵ / ₃₂
	362	40 ³⁵ / ₆₄	16 ¹ / ₆₄	2 ¹ / ₆₄	1 ⁷ / ₆₄
	324	40 ⁵ / ₃₂	15 ²⁶ / ₃₂	1 ¹³ / ₁₆	1
	297	39 ²⁷ / ₃₂	15 ⁵³ / ₆₄	1 ²¹ / ₃₂	15 ⁵ / ₁₆
	277	39 ⁴⁵ / ₆₄	15 ⁵³ / ₆₄	1 ³⁷ / ₆₄	53 ⁵ / ₆₄
	249	39 ²⁶ / ₆₄	15 ³ / ₄	1 ²⁷ / ₆₄	3 ⁵ / ₄
	215	40	15 ³ / ₄	1 ⁷ / ₃₂	2 ¹ / ₃₂
	199	38 ⁴³ / ₆₄	15 ³ / ₄	1 ¹ / ₁₆	2 ¹ / ₃₂
W40 x	327	40 ⁵¹ / ₆₄	12 ¹ / ₈	2 ¹ / ₈	1 ³ / ₁₆
	294	40 ²⁵ / ₆₄	12 ¹ / ₈	2 ¹ / ₈	1 ³ / ₁₆
	264	40	11 ¹⁵ / ₁₆	1 ⁴⁷ / ₆₄	3 ¹ / ₃₂
	235	39 ⁴⁵ / ₆₄	11 ⁵⁷ / ₆₄	1 ³⁷ / ₆₄	53 ⁵ / ₆₄
	211	39 ³ / ₈	11 ¹³ / ₁₆	1 ²⁷ / ₆₄	3 ⁵ / ₄
W40 x	183	39	11 ¹³ / ₁₆	1 ⁷ / ₃₂	2 ¹ / ₃₂
	167	38 ¹⁹ / ₃₂	11 ¹³ / ₁₆	1 ¹ / ₁₆	2 ¹ / ₃₂
	149	38 ¹³ / ₆₄	11 ¹³ / ₁₆	53 ⁵ / ₆₄	5 ⁵ / ₈
W36 x	800	42 ³⁵ / ₆₄	17 ⁶³ / ₆₄	4 ⁹ / ₃₂	2 ³ / ₈
	652	41 ³ / ₆₄	17 ³⁷ / ₆₄	3 ³⁵ / ₆₄	1 ³¹ / ₃₂
	529	39 ⁵¹ / ₆₄	17 ⁷ / ₃₂	2 ²⁹ / ₃₂	1 ³⁹ / ₆₄
	487	39 ²¹ / ₆₄	17 ⁷ / ₆₄	2 ¹¹ / ₁₆	1 ¹ / ₂
	441	38 ⁵⁵ / ₆₄	16 ³¹ / ₃₂	2 ⁷ / ₁₆	1 ²³ / ₆₄
	395	38 ¹³ / ₃₂	16 ⁵³ / ₆₄	2 ⁷ / ₃₂	1 ⁷ / ₃₂

Section Number	Weight per Foot	Depth of Section	Flange		Web Thick- ness
			Width	Thick- ness	
	lb.	in.	in.	in.	in.
W36 x	361	$37^{63}/_{64}$	$16^{47}/_{64}$	$2^{1}/_{64}$	$1^{1}/_{8}$
	330	$37^{43}/_{64}$	$16^{5}/_{8}$	$1^{55}/_{64}$	$1^{1}/_{64}$
	302	$37^{21}/_{64}$	$16^{21}/_{32}$	$1^{11}/_{16}$	$1^{5}/_{16}$
	282	$37^{7}/_{64}$	$16^{19}/_{32}$	$1^{9}/_{16}$	$7/_{8}$
	262	$36^{35}/_{64}$	$16^{35}/_{64}$	$1^{7}/_{16}$	$2^{7}/_{32}$
	247	$36^{43}/_{64}$	$16^{33}/_{64}$	$1^{23}/_{64}$	$5^{1}/_{64}$
	231	$36^{31}/_{64}$	$16^{15}/_{32}$	$1^{17}/_{64}$	$4^{9}/_{64}$
W36 x	256	$37^{7}/_{16}$	$12^{7}/_{32}$	$1^{47}/_{64}$	$3^{1}/_{32}$
	232	$37^{1}/_{8}$	$12^{1}/_{8}$	$1^{37}/_{64}$	$7/_{8}$
	210	$36^{3}/_{4}$	$12^{1}/_{8}$	$1^{3}/_{8}$	$1^{3}/_{16}$
	194	$36^{1}/_{2}$	$12^{1}/_{8}$	$1^{1}/_{4}$	$3/_{4}$
	182	$36^{3}/_{8}$	$12^{1}/_{8}$	$1^{3}/_{16}$	$3/_{4}$
	170	$36^{1}/_{8}$	12	$1^{1}/_{8}$	$1^{11}/_{16}$
	160	36	12	1	$5/_{8}$
	150	$35^{7}/_{8}$	12	$1^{5}/_{16}$	$5/_{8}$
	135	$35^{1}/_{2}$	12	$1^{13}/_{16}$	$5/_{8}$
W33 x	354	$35^{35}/_{64}$	16	$2^{3}/_{32}$	$1^{5}/_{32}$
	318	$35^{5}/_{32}$	$15^{61}/_{64}$	$1^{57}/_{64}$	$1^{3}/_{64}$
	291	$34^{27}/_{32}$	$15^{29}/_{32}$	$1^{47}/_{64}$	$3^{1}/_{32}$
	263	$34^{17}/_{32}$	$15^{31}/_{64}$	$1^{37}/_{64}$	$7/_{8}$
	241	$34^{1}/_{8}$	$15^{7}/_{8}$	$1^{3}/_{8}$	$1^{3}/_{16}$
	221	$33^{7}/_{8}$	$15^{3}/_{4}$	$1^{1}/_{4}$	$3/_{4}$
	201	$33^{5}/_{8}$	$15^{3}/_{4}$	$1^{1}/_{8}$	$1^{11}/_{16}$
W33 x	169	$33^{53}/_{64}$	$11^{1}/_{2}$	$1^{7}/_{32}$	$4^{3}/_{64}$
	152	$33^{1}/_{2}$	$11^{3}/_{8}$	$1^{1}/_{16}$	$5/_{8}$
	141	$33^{1}/_{4}$	$11^{1}/_{2}$	$1^{5}/_{16}$	$5/_{8}$
	130	$33^{1}/_{8}$	$11^{1}/_{2}$	$7/_{8}$	$9^{1}/_{16}$
	118	$32^{7}/_{8}$	$11^{1}/_{2}$	$3/_{4}$	$9^{1}/_{16}$
W30 x	581	$35^{25}/_{64}$	$16^{13}/_{64}$	$3^{35}/_{64}$	$1^{31}/_{32}$
	526	$34^{49}/_{64}$	$16^{1}/_{64}$	$3^{15}/_{64}$	$1^{51}/_{64}$
	477	$34^{7}/_{32}$	$15^{55}/_{64}$	$2^{61}/_{64}$	$1^{5}/_{8}$
	433	$33^{21}/_{32}$	$15^{23}/_{32}$	$2^{11}/_{16}$	$1^{1}/_{2}$
	391	$33^{3}/_{16}$	$15^{16}/_{32}$	$2^{7}/_{16}$	$1^{23}/_{64}$

Section Number	Weight per Foot	Depth of Section	Flange		Web Thickness
			Width	Thick-ness	
	lb.	in.	in.	in.	in.
W30 x	357	$32^{51}/64$	$15^{13}/32$	$2^{15}/64$	$1^{15}/64$
	326	$32^{13}/32$	$15^3/8$	$2^3/64$	$1^9/64$
	292	32	$15^1/4$	$1^{55}/64$	$1^1/64$
	261	$31^{39}/64$	$15^5/32$	$1^{21}/32$	$^{15}/16$
	235	$31^{19}/64$	$15^3/64$	$1^1/2$	$^{53}/64$
	211	31	$15^1/8$	$1^5/16$	$^3/4$
	191	$30^5/8$	15	$1^3/16$	$^{11}/16$
	173	$30^1/2$	15	$1^1/16$	$^5/8$
W30 x	148	$30^5/8$	$10^{31}/64$	$1^{11}/64$	$^{21}/32$
	132	$30^1/4$	$10^1/2$	1	$^5/8$
	124	$30^1/8$	$10^1/2$	$^{15}/16$	$^9/16$
	116	30	$10^1/2$	$^7/8$	$^9/16$
	108	$29^7/8$	$10^1/2$	$^3/4$	$^9/16$
	99	$29^3/8$	$10^1/2$	$^{11}/16$	$^1/2$
	90	$29^{17}/32$	$10^{13}/32$	$^{36}/64$	$^{15}/32$
W27 x	539	$32^{35}/64$	$15^1/4$	$3^{35}/64$	$1^{31}/32$
	448	$31^{27}/64$	$14^{15}/16$	3	$1^{21}/32$
	368	30	$14^{35}/64$	$2^8/32$	$1^1/4$
	336	$40^{61}/64$	$14^3/8$	$2^{13}/64$	$1^7/32$
	307	$29^{36}/64$	$14^7/16$	$2^3/32$	$1^5/32$
	281	$29^{19}/64$	$14^7/64$	$2^{23}/64$	$1^1/16$
	258	29	$14^{17}/64$	$1^{19}/64$	$^{63}/64$
	235	$28^{43}/64$	$14^3/16$	$1^{39}/64$	$^{29}/32$
	217	$28^7/16$	$14^1/64$	$1^1/2$	$^{53}/64$
W27 x	194	$28^7/64$	$14^1/32$	$1^{11}/32$	$^3/4$
	178	$27^3/4$	$14^1/8$	$1^3/16$	$^3/4$
	161	$27^5/8$	14	$1^1/16$	$^{11}/16$
	146	$27^3/8$	14	1	$^5/8$
W27 x	129	$27^5/8$	10	$1^7/64$	$^{39}/64$
	114	$27^1/4$	$10^1/8$	$^{15}/16$	$^9/16$
	102	$27^1/8$	10	$^{13}/16$	$^1/2$
	94	$26^7/8$	10	$^3/4$	$^1/2$
	84	$26^3/4$	10	$^5/8$	$^7/16$

Section Number	Weight per Foot	Depth of Section	Flange		Web Thickness
			Width	Thickness	
	lb.	in.	in.	in.	in.
W24 x	492	29 ²¹ / ₆₄	14 ⁷ / ₆₄	3 ³⁵ / ₆₄	1 ³¹ / ₃₂
	408	28 ³⁵ / ₆₄	13 ³¹ / ₆₄	3	1 ²¹ / ₃₂
	335	27 ³⁵ / ₆₄	13 ³³ / ₆₄	2 ³¹ / ₆₄	1 ³ / ₈
	279	26 ⁴⁷ / ₆₄	13 ¹⁶ / ₆₄	2 ³ / ₃₂	1 ⁵ / ₃₂
	250	26 ¹¹ / ₃₂	13 ³ / ₁₆	1 ⁵⁷ / ₆₄	1 ³ / ₆₄
	229	26 ¹ / ₆₄	13 ⁷ / ₆₄	1 ⁴⁷ / ₆₄	3 ¹ / ₃₂
	207	25 ²³ / ₃₂	13	1 ³⁷ / ₆₄	7 ⁷ / ₈
	192	25 ¹⁵ / ₃₂	12 ⁶¹ / ₆₄	1 ¹⁵ / ₃₂	13 ¹³ / ₁₆
	176	25 ¹⁵ / ₆₄	12 ⁹ / ₁₆	1 ¹¹ / ₃₂	3 ³ / ₄
	162	25	13	1 ¹ / ₄	1 ¹¹ / ₁₆
	146	24 ³ / ₄	12 ⁷ / ₈	1 ¹ / ₁₆	5 ⁵ / ₈
	131	24 ¹ / ₂	12 ⁷ / ₈	1 ⁵ / ₁₆	5 ⁵ / ₈
	117	24 ¹ / ₄	12 ³ / ₄	7 ⁷ / ₈	9 ⁹ / ₁₆
	104	24	12 ³ / ₄	3 ³ / ₄	1 ¹ / ₂
W24 x	103	24 ¹⁷ / ₃₂	9	63 ⁶³ / ₆₄	35 ³⁵ / ₆₄
	94	24 ¹ / ₄	9 ¹ / ₈	7 ⁷ / ₈	1 ¹ / ₂
	84	24 ¹ / ₈	9	3 ³ / ₄	1 ¹ / ₂
	76	23 ⁷ / ₈	9	1 ¹ / ₁₆	7 ⁷ / ₁₆
	68	23 ³ / ₄	9	9 ⁹ / ₁₆	7 ⁷ / ₁₆
W24 x	62	23 ³ / ₄	7	9 ⁹ / ₁₆	7 ⁷ / ₁₆
	55	23 ⁵ / ₈	7	1 ¹ / ₂	3 ³ / ₈
W21 x	201	23 ¹ / ₃₂	12 ³⁷ / ₆₄	1 ³ / ₈	29 ²⁹ / ₃₂
	182	22 ²³ / ₃₂	12 ¹ / ₂	1 ³¹ / ₆₄	53 ⁵³ / ₆₄
	166	22 ³¹ / ₆₄	12 ²⁷ / ₆₄	1 ²³ / ₆₄	3 ³ / ₄
W21 x	147	22	12 ¹ / ₂	1 ¹ / ₈	3 ³ / ₄
	132	21 ⁷ / ₈	12 ¹ / ₂	1 ¹ / ₁₆	5 ⁵ / ₈
	122	21 ⁵ / ₈	12 ³ / ₈	1 ⁵ / ₁₆	5 ⁵ / ₈
	111	21 ¹ / ₂	12 ³ / ₈	7 ⁷ / ₈	9 ⁹ / ₁₆
	101	21 ³ / ₈	12 ¹ / ₄	13 ¹³ / ₁₆	1 ¹ / ₂
W21 x	93	21 ⁵ / ₈	8 ³ / ₈	15 ¹⁵ / ₁₆	9 ⁹ / ₁₆
	83	21 ³ / ₈	8 ³ / ₈	13 ¹³ / ₁₆	1 ¹ / ₂
	73	21 ¹ / ₄	8 ¹ / ₄	3 ³ / ₄	7 ⁷ / ₁₆

Section Number	Weight per Foot	Depth of Section	Flange		Web Thickness
			Width	Thick-ness	
	lb.	in.	in.	in.	in.
W21 x	68	21 ¹ / ₈	8 ¹ / ₄	1 ¹ / ₁₆	7 ¹ / ₁₆
	62	21	8 ¹ / ₄	5 ⁵ / ₈	3 ³ / ₈
W21 x	57	21	6 ¹ / ₂	5 ⁵ / ₈	3 ³ / ₈
	50	20 ⁷ / ₈	6 ¹ / ₂	9 ¹ / ₁₆	3 ³ / ₈
	44	20 ⁵ / ₈	6 ¹ / ₂	7 ¹ / ₁₆	3 ³ / ₈
W18 x	311	22 ²¹ / ₆₄	12	2 ⁴⁷ / ₆₄	1 ³³ / ₆₄
	283	21 ⁵⁵ / ₆₄	11 ⁵⁷ / ₆₄	2 ¹ / ₂	1 ¹³ / ₃₂
	258	21 ¹⁵ / ₃₂	11 ⁴⁹ / ₆₄	2 ¹⁹ / ₆₄	1 ⁹ / ₃₂
	234	21 ¹ / ₁₆	11 ²¹ / ₃₂	2 ⁷ / ₆₄	1 ⁵ / ₃₂
	211	20 ⁴³ / ₆₄	11 ³⁵ / ₆₄	1 ²⁰ / ₃₂	1 ¹ / ₁₆
	192	20 ²³ / ₆₄	11 ²⁹ / ₆₄	1 ³ / ₄	3 ¹ / ₃₂
	175	20 ³ / ₅₄	11 ³ / ₈	1 ¹⁹ / ₃₂	5 ⁷ / ₆₄
	158	19 ²³ / ₃₂	11 ¹⁹ / ₆₄	1 ⁷ / ₁₆	1 ³ / ₁₆
	143	19 ¹ / ₂	11 ⁷ / ₃₂	1 ²¹ / ₆₄	4 ⁷ / ₆₄
	130	19 ¹ / ₄	11 ⁵ / ₃₂	1 ¹³ / ₆₄	4 ³ / ₆₄
	119	19	11 ¹ / ₄	1 ¹ / ₁₆	5 ⁵ / ₈
	106	18 ³ / ₄	11 ¹ / ₄	1 ⁵ / ₁₆	9 ¹ / ₁₆
	97	18 ⁵ / ₈	11 ¹ / ₈	7 ⁷ / ₈	9 ¹ / ₁₆
	86	18 ³ / ₈	11 ¹ / ₈	3 ³ / ₄	1 ¹ / ₂
	76	18 ¹ / ₄	11	1 ¹ / ₁₆	7 ¹ / ₁₆
W18 x	71	18 ¹ / ₂	7 ⁵ / ₈	1 ³ / ₁₆	1 ¹ / ₂
	65	18 ³ / ₈	7 ⁵ / ₈	3 ³ / ₄	7 ¹ / ₁₆
	60	18 ¹ / ₄	7 ¹ / ₂	1 ¹ / ₁₆	7 ¹ / ₁₆
	55	18 ¹ / ₈	7 ¹ / ₂	5 ⁵ / ₈	3 ³ / ₈
	50	18	7 ¹ / ₂	9 ¹ / ₁₆	3 ³ / ₈
W18 x	46	18	6	5 ⁵ / ₈	3 ³ / ₈
	40	17 ⁷ / ₈	6	1 ¹ / ₂	5 ¹ / ₁₆
	35	17 ³ / ₄	6	7 ¹ / ₁₆	5 ¹ / ₁₆
W16 x	100	17	10 ³ / ₈	1	9 ¹ / ₁₆
	89	16 ³ / ₄	10 ³ / ₈	7 ⁷ / ₈	1 ¹ / ₂
	77	16 ¹ / ₂	10 ¹ / ₄	3 ³ / ₄	7 ¹ / ₁₆
	67	16 ³ / ₈	10 ¹ / ₄	1 ¹ / ₁₆	5 ⁵ / ₈

Section Number	Weight per Foot	Depth of Section	Flange		Web Thick- ness
			Width	Thick- ness	
	lb.	in.	in.	in.	in.
W16 x	57	16 ³ / ₈	7 ¹ / ₈	1 ¹ / ₁₆	7 ¹ / ₁₆
	50	16 ¹ / ₄	7 ¹ / ₈	5 ⁵ / ₈	3 ³ / ₈
	45	16 ¹ / ₈	7	9 ⁹ / ₁₆	3 ³ / ₈
	40	16	7	1 ¹ / ₂	5 ⁵ / ₁₆
	36	15 ⁷ / ₈	7	7 ⁷ / ₁₆	5 ⁵ / ₁₆
	31	15 ⁷ / ₈	5 ¹ / ₂	7 ⁷ / ₁₆	1 ¹ / ₄
	26	15 ³ / ₄	5 ¹ / ₂	3 ³ / ₈	1 ¹ / ₄
W14 x	808	22 ²⁷ / ₃₂	18 ⁵ / ₁₆	5 ¹ / ₈	3 ¹⁷ / ₆₄
	730	22 ³ / ₈	17 ⁷ / ₈	4 ¹⁵ / ₁₆	3 ¹ / ₁₆
	665	21 ⁵ / ₈	17 ⁵ / ₈	4 ¹ / ₂	2 ¹³ / ₁₆
	605	20 ⁷ / ₈	17 ³ / ₈	4 ³ / ₁₆	2 ³ / ₈
	550	20 ¹ / ₄	17 ¹ / ₄	3 ¹³ / ₁₆	2 ³ / ₈
	500	19 ⁵ / ₈	17	3 ¹ / ₂	2 ³ / ₁₆
	455	19	16 ⁷ / ₈	3 ³ / ₁₆	2
W14 x	426	18 ⁵ / ₈	16 ³ / ₄	3 ¹ / ₁₆	1 ⁷ / ₈
	398	18 ¹ / ₄	16 ⁵ / ₈	2 ⁷ / ₈	1 ³ / ₄
	370	17 ⁷ / ₈	16 ¹ / ₂	2 ¹¹ / ₁₆	1 ⁵ / ₈
	342	17 ¹ / ₂	16 ³ / ₈	2 ¹ / ₂	1 ⁹ / ₁₆
	311	17 ¹ / ₈	16 ¹ / ₄	2 ¹ / ₄	1 ⁷ / ₁₆
	283	16 ³ / ₄	16 ¹ / ₈	2 ¹ / ₁₆	1 ⁵ / ₁₆
	257	16 ³ / ₈	16	1 ⁷ / ₈	1 ³ / ₁₆
	233	16	15 ⁷ / ₈	1 ³ / ₄	1 ¹ / ₁₆
	211	15 ³ / ₄	15 ³ / ₄	1 ⁹ / ₁₆	1
	193	15 ¹ / ₂	15 ³ / ₄	1 ⁷ / ₁₆	7 ⁷ / ₈
	176	15 ¹ / ₄	15 ⁵ / ₈	1 ⁵ / ₁₆	1 ³ / ₁₆
	159	15	15 ⁵ / ₈	1 ³ / ₁₆	3 ³ / ₄
	145	14 ³ / ₄	15 ¹ / ₂	1 ¹ / ₁₆	1 ¹ / ₁₆
W14 x	132	14 ³ / ₈	14 ³ / ₄	1	5 ⁵ / ₈
	120	14 ¹ / ₂	14 ⁵ / ₈	1 ⁵ / ₁₆	9 ⁹ / ₁₆
	109	14 ³ / ₈	14 ³ / ₈	7 ⁷ / ₈	1 ¹ / ₂
	99	14 ¹ / ₈	14 ³ / ₈	3 ³ / ₄	1 ¹ / ₂
	90	14	14 ¹ / ₂	1 ¹ / ₁₆	7 ⁷ / ₁₅

Section Number	Weight per Foot	Depth of Section	Flange		Web Thick- ness
			Width	Thick- ness	
	lb.	in.	in.	in.	in.
W14 x	82	14 ¹ / ₄	10 ¹ / ₈	7 ₈	1 ₂
	74	14 ¹ / ₈	10 ¹ / ₈	13 ₁₆	7 ₁₆
	68	14	10	3 ₄	7 ₁₆
	61	13 ⁷ / ₈	10	5 ₈	3 ₈
W14 x	53	13 ⁷ / ₈	8	11 ₁₆	3 ₈
	48	13 ³ / ₄	8	5 ₈	5 ₁₆
	43	13 ³ / ₈	8	1 ₂	5 ₁₆
W14 x	38	14 ¹ / ₈	6 ³ / ₄	1 ₂	5 ₁₆
	34	14	6 ³ / ₄	7 ₁₆	5 ₁₆
	30	13 ⁷ / ₈	6 ³ / ₄	3 ₈	1 ₄
W14 x	26	13 ⁷ / ₈	5	5 ₁₆	1 ₄
	22	13 ³ / ₄	5	5 ₁₆	1 ₄
W12 x	336	16 ⁵³ / ₆₄	13 ²⁵ / ₆₄	2 ⁶¹ / ₆₄	1 ⁴⁹ / ₆₄
	305	16 ²³ / ₆₄	13 ¹⁵ / ₆₄	2 ⁴⁵ / ₆₄	1 ³ / ₈
	279	15 ³⁵ / ₆₄	13 ⁹ / ₆₄	2 ¹⁵ / ₃₂	1 ¹⁷ / ₃₂
	252	15 ¹³ / ₃₂	13	2 ¹ / ₄	1 ²⁵ / ₆₄
	230	15 ³ / ₆₄	12 ²⁷ / ₆₄	2 ⁵ / ₆₄	1 ⁹ / ₃₂
	210	14 ²³ / ₃₂	12 ³¹ / ₆₄	1 ²⁹ / ₃₂	1 ³ / ₁₆
	190	14 ³ / ₈	12 ⁵ / ₈	1 ³ / ₄	1 ¹ / ₁₆
	170	14	12 ⁵ / ₈	1 ⁹ / ₁₆	15 ₁₆
	152	13 ³ / ₄	12 ¹ / ₂	1 ³ / ₈	7 ₈
	136	13 ³ / ₈	12 ³ / ₈	1 ¹ / ₄	13 ₁₆
	120	13 ¹ / ₈	12 ³ / ₈	1 ¹ / ₈	11 ₁₆
	106	12 ⁷ / ₈	12 ¹ / ₄	1	5 ₈
	96	12 ³ / ₄	12 ¹ / ₈	7 ₈	9 ₁₆
	87	12 ¹ / ₂	12 ¹ / ₈	13 ₁₆	1 ₂
	79	12 ⁵ / ₈	12 ¹ / ₈	3 ₄	1 ₂
W12 x	72	12 ¹ / ₄	12	11 ₁₆	7 ₁₆
	65	12 ¹ / ₈	12	5 ₈	3 ₈
W12 x	58	12 ¹ / ₄	10	5 ₈	3 ₈
	53	12	10	9 ₁₆	3 ₈

Section Number	Weight per Foot	Depth of Section	Flange		Web Thick- ness
			Width	Thick- ness	
	lb.	in.	in.	in.	in.
W12 x	50	12 ¹ / ₄	8 ¹ / ₈	⁵ / ₈	³ / ₈
	45	12	8	⁹ / ₁₆	⁵ / ₁₆
	40	12	8	¹ / ₂	⁵ / ₁₆
W12 x	35	12 ¹ / ₂	6 ¹ / ₂	¹ / ₂	⁵ / ₁₆
W12 x	30	12 ³ / ₈	6 ¹ / ₂	⁷ / ₁₆	¹ / ₄
	26	12 ¹ / ₄	6 ¹ / ₂	³ / ₈	¹ / ₄
W12 x	22	12 ¹ / ₄	4	⁷ / ₁₆	¹ / ₄
	19	12 ¹ / ₈	4	³ / ₈	¹ / ₄
	16	12	4	¹ / ₄	¹ / ₄
	14	11 ⁷ / ₈	4	¹ / ₄	³ / ₁₆
W10 x	112	11 ³ / ₈	10 ³ / ₈	¹ / ₄	³ / ₄
	100	11 ¹ / ₈	10 ³ / ₈	¹ / ₈	¹¹ / ₁₆
	88	10 ⁷ / ₈	10 ¹ / ₄	1	⁵ / ₈
	77	10 ⁵ / ₈	10 ¹ / ₄	⁷ / ₈	¹ / ₂
	68	10 ³ / ₈	10 ¹ / ₈	³ / ₄	¹ / ₂
	60	10 ¹ / ₄	10 ¹ / ₈	¹¹ / ₁₆	⁷ / ₁₆
	54	10 ¹ / ₈	10	⁵ / ₈	³ / ₈
	49	10	10	⁹ / ₁₆	⁵ / ₁₆
W10 x	45	10 ¹ / ₈	8	⁵ / ₈	³ / ₈
	39	9 ⁷ / ₈	8	¹ / ₂	⁵ / ₁₆
	33	9 ³ / ₄	8	⁷ / ₁₆	⁵ / ₁₆
W10 x	30	10 ¹ / ₂	5 ³ / ₄	¹ / ₂	⁵ / ₁₆
	26	10 ³ / ₈	5 ³ / ₄	⁷ / ₁₆	¹ / ₄
	22	10 ¹ / ₈	5 ³ / ₄	³ / ₈	¹ / ₄
	19	10 ¹ / ₄	4	³ / ₈	¹ / ₄
	17	10 ¹ / ₈	4	⁵ / ₁₆	¹ / ₄
W8 x	15	10	4	¹ / ₄	¹ / ₄
	12	9 ⁷ / ₈	4	³ / ₁₆	³ / ₁₆
	67	9	8 ¹ / ₄	¹⁵ / ₁₆	⁹ / ₁₆
	58	8 ³ / ₄	8 ¹ / ₄	¹³ / ₁₆	¹ / ₂
W8 x	48	8 ¹ / ₂	8 ¹ / ₈	¹¹ / ₁₆	³ / ₈
	40	8 ¹ / ₄	8 ¹ / ₈	⁹ / ₁₆	³ / ₈

Section Number	Weight per Foot	Depth of Section	Flange		Web Thickness
			Width	Thick-ness	
	lb.	in.	in.	in.	in.
W8 x	35	8 ¹ / ₈	8	1 ¹ / ₂	5 ¹ / ₁₆
	31	8	8	7 ¹ / ₁₆	5 ¹ / ₁₆
W8 x	28	8	6 ¹ / ₂	7 ¹ / ₁₆	5 ¹ / ₁₆
	24	7 ⁷ / ₈	6 ¹ / ₂	3 ¹ / ₈	1 ¹ / ₄
W8 x	21	8 ¹ / ₄	5 ¹ / ₄	3 ¹ / ₈	1 ¹ / ₄
	18	8 ¹ / ₈	5 ¹ / ₄	5 ¹ / ₁₆	1 ¹ / ₄
W8 x	15	8 ¹ / ₈	4	5 ¹ / ₁₆	1 ¹ / ₄
	13	8	4	1 ¹ / ₄	1 ¹ / ₄
	10	7 ⁷ / ₈	4	3 ¹ / ₁₆	3 ¹ / ₁₆
W6 x	25	6 ³ / ₈	6 ¹ / ₈	7 ¹ / ₁₆	5 ¹ / ₁₆
	20	6 ¹ / ₄	6	3 ¹ / ₈	1 ¹ / ₄
	15	6	6	1 ¹ / ₄	1 ¹ / ₄
W6 x	16	6 ¹ / ₄	4	3 ¹ / ₈	1 ¹ / ₄
	12	6	4	1 ¹ / ₄	1 ¹ / ₄
	9	5 ⁷ / ₈	4	3 ¹ / ₁₆	3 ¹ / ₁₆
W5 x	19	5 ¹ / ₈	5	7 ¹ / ₁₆	1 ¹ / ₄
	16	5	5	3 ¹ / ₈	1 ¹ / ₄
W4 x	13	4 ¹ / ₈	4	3 ¹ / ₈	1 ¹ / ₄

JUNIOR BEAMS

Size in Inches	Weight Per Foot	Flange Width	Web Thickness
6	4.4	1.84	.114
8	6.5	2.28	.135
10	9.0	2.69	.155
12	11.8	3.06	.175

STD SHAPES

Section Number	Weight per Foot	Depth of Section	Flange		Web Thickness
			Width	Thick-ness	
	lb.	in.	in.	in.	in.
S24 x	121.0	24 ¹ / ₂	8	1 ¹ / ₁₆	13 ¹ / ₁₆
	106.0	24 ¹ / ₂	7 ⁷ / ₈	1 ¹ / ₁₆	5 ⁷ / ₈
S24 x	100.0	24	7 ¹ / ₄	7 ⁷ / ₈	3 ³ / ₄
	90.0	24	7 ¹ / ₈	7 ⁷ / ₈	5 ⁷ / ₈
	80.0	24	7	7 ⁷ / ₈	1 ¹ / ₂
S20 x	96.0	20 ¹ / ₄	7 ¹ / ₄	15 ¹ / ₁₆	13 ¹ / ₁₆
	86.0	20 ¹ / ₄	7	15 ¹ / ₁₆	11 ¹ / ₁₆
S20 x	75.0	20	6 ³ / ₈	13 ¹ / ₁₆	5 ⁷ / ₈
	66.0	20	6 ¹ / ₄	13 ¹ / ₁₆	1 ¹ / ₂
S18 x	70.0	18	6 ¹ / ₄	11 ¹ / ₁₆	11 ¹ / ₁₆
	54.7	18	6	11 ¹ / ₁₆	7 ⁷ / ₁₆
S15 x	50.0	15	5 ⁵ / ₈	5 ⁵ / ₈	9 ⁹ / ₁₆
	42.9	15	5 ¹ / ₂	5 ⁵ / ₈	7 ⁷ / ₁₆
S12 x	50.0	12	5 ¹ / ₂	11 ¹ / ₁₆	11 ¹ / ₁₆
	40.8	12	5 ¹ / ₄	11 ¹ / ₁₆	7 ⁷ / ₁₆
	35.0	12	5 ¹ / ₈	9 ⁹ / ₁₆	7 ⁷ / ₁₆
	31.8	12	5	9 ⁹ / ₁₆	3 ³ / ₈
S10 x	35.0	10	5	1 ¹ / ₂	5 ⁵ / ₈
	25.4	10	4 ⁵ / ₈	1 ¹ / ₂	5 ⁵ / ₈
S8 x	23.0	8	4 ¹ / ₈	7 ⁷ / ₁₆	7 ⁷ / ₁₆
	18.4	8	4	7 ⁷ / ₁₆	1 ¹ / ₄
S7 x	15.3	7	3 ⁵ / ₈	3 ³ / ₈	1 ¹ / ₄

Section Number	Weight per Foot	Depth of Section	Flange		Web Thick- ness
			Width	Thick- ness	
	lb.	in.	in.	in.	in.
S6 x	17.25	6	3 ⁵ / ₈	3/ ₈	7/ ₁₆
	12.50	6	3 ⁵ / ₈	3/ ₈	1/ ₄
S5 x	10.0	5	3	5/ ₁₆	3/ ₁₆
S4 x	9.5	4	2 ³ / ₄	5/ ₁₆	5/ ₁₆
	7.7	4	2 ⁵ / ₈	5/ ₁₆	3/ ₁₆
S3 x	7.5	3	2 ¹ / ₂	1/ ₄	3/ ₈
	5.7	3	2 ³ / ₈	1/ ₄	3/ ₁₆

STRINGER CHANNELS

Size in Inches	Weight Per Foot	Flange Width	Web Thickness
10	6.5	1.125	.150
	8.4	1.500	.170
12	10.6	1.500	.190
	14.3	1.969	.250

STD CHANNELS

Section Number	Weight per Foot	Depth of Section	Flange		Web Thick- ness
			Width	Thick- ness	
	lb.	in.	in.	in.	in.
C15 x	50.0	15	3 ³ / ₄	⁵ / ₈	¹¹ / ₁₆
	40.0	15	3 ¹ / ₂	⁵ / ₈	¹ / ₂
	33.9	15	3 ³ / ₈	⁵ / ₈	³ / ₈
C12 x	30.0	12	3 ¹ / ₈	¹ / ₂	¹ / ₂
	25.0	12	3	¹ / ₂	³ / ₈
	20.7	12	3	¹ / ₂	⁹ / ₁₆
C10 x	30.0	10	3	⁷ / ₁₆	¹¹ / ₁₆
	25.0	10	2 ⁷ / ₈	⁷ / ₁₆	¹ / ₂
	20.0	10	2 ³ / ₄	⁷ / ₁₆	³ / ₈
	15.3	10	2 ⁵ / ₈	⁷ / ₁₆	¹ / ₄
C9 x	20.0	9	2 ⁵ / ₈	⁹ / ₁₆	⁷ / ₁₆
	15.0	9	2 ¹ / ₂	⁷ / ₁₆	⁹ / ₁₆
	13.4	9	2 ³ / ₈	⁷ / ₁₆	¹ / ₄
C8 x	18.75	8	2 ¹ / ₂	³ / ₈	¹ / ₂
	13.75	8	2 ⁵ / ₈	³ / ₈	⁹ / ₁₆
	11.50	8	2 ¹ / ₄	³ / ₈	¹ / ₄
	8.50	8	1 ⁷ / ₈	³ / ₈	³ / ₁₆
C7 x	12.25	7	2 ¹ / ₄	³ / ₈	⁹ / ₁₆
	9.80	7	2 ¹ / ₈	³ / ₈	³ / ₁₆
C6 x	13.0	6	2 ¹ / ₈	⁹ / ₁₆	⁷ / ₁₆
	10.5	6	2	⁹ / ₁₆	⁹ / ₁₆
	8.2	6	1 ⁷ / ₈	⁹ / ₁₆	³ / ₁₆

Section Number	Weight per Foot	Depth of Section	Flange		Web Thick- ness
			Width	Thick- ness	
	lb.	in.	in.	in.	in.
C5 x	9.0	5	$1\frac{7}{8}$	$\frac{5}{16}$	$\frac{5}{16}$
	6.7	5	$1\frac{3}{4}$	$\frac{5}{16}$	$\frac{3}{16}$
C4 x	7.25	4	$1\frac{3}{4}$	$\frac{5}{16}$	$\frac{5}{16}$
	5.40	4	$1\frac{5}{8}$	$\frac{5}{16}$	$\frac{3}{16}$
C3 x	6.0	3	$1\frac{9}{16}$	$\frac{1}{4}$	$\frac{5}{16}$
	5.0	3	$1\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$
	4.1	3	$1\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{16}$

MC CHANNELS

Section Number	Weight per Foot	Depth of Section	Flange		Web Thick- ness
			Width	Thick- ness	
	lb.	in.	in.	in.	in.
MC18 x	58.0	18	4 ¹ / ₄	⁵ / ₈	¹¹ / ₁₆
	51.9	18	4 ¹ / ₈	⁵ / ₈	⁵ / ₈
	45.8	18	4	⁵ / ₈	¹ / ₂
	42.7	18	4	⁵ / ₈	⁷ / ₁₆
MC13 x	50.0	13	4 ³ / ₈	⁵ / ₈	¹³ / ₁₆
	40.0	13	4 ¹ / ₈	⁵ / ₈	⁹ / ₁₆
	35.0	13	4 ¹ / ₈	⁵ / ₈	⁷ / ₁₆
	31.8	13	4	⁵ / ₈	³ / ₈
MC12 x	50.0	12	4 ¹ / ₈	¹¹ / ₁₆	¹³ / ₁₆
	45.0	12	4	¹¹ / ₁₆	¹¹ / ₁₆
	40.0	12	3 ⁷ / ₈	¹¹ / ₁₆	⁹ / ₁₆
	35.0	12	3 ³ / ₄	¹¹ / ₁₆	⁷ / ₁₆
	31.0	12	3 ⁵ / ₈	¹¹ / ₁₆	³ / ₈
MC10 x	41.1	10	4 ³ / ₈	⁹ / ₁₆	¹³ / ₁₆
	33.6	10	4 ¹ / ₈	⁹ / ₁₆	⁹ / ₁₆
	28.5	10	4	⁹ / ₁₆	⁷ / ₁₆
MC10 x	25.0	10	3 ³ / ₈	⁹ / ₁₆	³ / ₈
	22.0	10	3 ³ / ₈	⁹ / ₁₆	⁵ / ₁₆
MC9 x	25.4	9	3 ¹ / ₂	⁹ / ₁₆	⁷ / ₁₆
	23.9	9	3 ¹ / ₂	⁹ / ₁₆	³ / ₈
MC8 x	22.8	8	3 ¹ / ₂	¹ / ₂	⁷ / ₁₆
	21.4	8	3 ¹ / ₂	¹ / ₂	³ / ₈

Section Number	Weight per Foot	Depth of Section	Flange		Web Thickness
			Width	Thick-ness	
	lb.	in.	in.	in.	in.
MC8 x	20.0	8	3	$\frac{1}{2}$	$\frac{3}{8}$
	18.7	8	3	$\frac{1}{2}$	$\frac{3}{8}$
MC7 x	22.7	7	$3\frac{5}{8}$	$\frac{1}{2}$	$\frac{1}{2}$
	19.1	7	$3\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$
MC6 x	18.0	6	$3\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$
MC6 x	15.3	6	$3\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{16}$
MC6 x	16.3	6	3	$\frac{1}{2}$	$\frac{3}{8}$
	15.1	6	3	$\frac{1}{2}$	$\frac{5}{16}$
MC6 x	12.0	6	$2\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{16}$
MC4 x	13.8	4	$2\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
MC3 x	7.1	3	2	$\frac{3}{8}$	$\frac{5}{16}$

BAR CHANNELS

Size in Inches			Weight Per Foot
$\frac{3}{4}$	X $\frac{3}{8}$	X $\frac{1}{8}$	.56
1	X $\frac{3}{8}$	X $\frac{1}{8}$	.68
1	X $\frac{1}{2}$	X $\frac{1}{8}$	.83
$1\frac{1}{4}$	X $\frac{1}{2}$	X $\frac{1}{8}$	1.01
$1\frac{1}{2}$	X $\frac{1}{2}$	X $\frac{1}{8}$	1.12
$1\frac{1}{2}$	X $\frac{9}{16}$	X $\frac{3}{16}$	1.44
2	X $\frac{1}{2}$	X $\frac{1}{8}$	1.43
2	X $\frac{9}{16}$	X $\frac{3}{16}$	1.76
2	X $\frac{5}{8}$	X $\frac{1}{4}$	2.18
2	X 1	X $\frac{1}{8}$	1.59
2	X 1	X $\frac{3}{16}$	2.32
$2\frac{1}{2}$	X $\frac{5}{8}$	X $\frac{3}{16}$	2.27

STRUCT. ANGLES

Size in Inches	Weight Per Foot	Size in Inches	Weight Per Foot
3x 2x	$\frac{3}{16}$ 3.1	4x 3x	$\frac{3}{8}$ 8.5
	$\frac{1}{4}$ 4.1		$\frac{1}{2}$ 11.1
	$\frac{5}{16}$ 5.0		$\frac{5}{8}$ 13.6
	$\frac{3}{8}$ 5.9	4x 3½x	$\frac{1}{4}$ 6.2
	$\frac{1}{2}$ 7.7		$\frac{5}{16}$ 7.7
3x 2½x	$\frac{1}{4}$ 4.5		$\frac{3}{8}$ 9.1
	$\frac{5}{16}$ 5.6	4x 4x	$\frac{1}{2}$ 11.9
	$\frac{3}{8}$ 6.6		$\frac{1}{4}$ 6.6
	$\frac{1}{2}$ 8.5		$\frac{5}{16}$ 8.2
3x 3x	$\frac{3}{16}$ 3.7	5x 3x	$\frac{3}{8}$ 9.8
	$\frac{1}{4}$ 4.9		$\frac{1}{2}$ 12.8
	$\frac{5}{16}$ 6.1		$\frac{5}{8}$ 15.7
	$\frac{3}{8}$ 7.2	L 5x 3x	$\frac{3}{4}$ 18.5
	$\frac{1}{2}$ 9.4		$\frac{1}{4}$ 6.6
3½x 2½x	$\frac{1}{4}$ 4.9		$\frac{5}{16}$ 8.2
	$\frac{5}{16}$ 6.1	L 5x 3½x	$\frac{3}{8}$ 9.8
	$\frac{3}{8}$ 7.2		$\frac{1}{2}$ 12.8
	$\frac{1}{2}$ 9.4		$\frac{1}{4}$ 7.0
3½x 3x	$\frac{1}{4}$ 5.4	L 5x 5x	$\frac{5}{16}$ 8.7
	$\frac{5}{16}$ 6.6		$\frac{3}{8}$ 10.4
	$\frac{3}{8}$ 7.9		$\frac{1}{2}$ 13.6
	$\frac{1}{2}$ 10.2		$\frac{5}{8}$ 16.8
3½x 3½x	$\frac{1}{4}$ 5.8		$\frac{3}{4}$ 19.8
	$\frac{5}{16}$ 7.2	4x 3x	$\frac{3}{16}$ 10.3
	$\frac{3}{8}$ 8.5		$\frac{3}{8}$ 12.3
	$\frac{1}{2}$ 11.1		$\frac{1}{2}$ 16.2
4x 3x	$\frac{1}{4}$ 5.8		$\frac{5}{8}$ 20.0
	$\frac{5}{16}$ 7.2		$\frac{3}{4}$ 23.6

Size in Inches	Weight Per Foot	Size in Inches	Weight Per Foot
L 6x 3¹/₂ x	⁵ / ₁₆	9.8	
	³ / ₈	11.7	
	¹ / ₂	15.3	
L 6x 4x	⁵ / ₁₆	10.3	
	³ / ₈	12.3	
	⁷ / ₁₆	14.3	
	¹ / ₂	16.2	
	⁵ / ₈	20.0	
	³ / ₄	23.6	
L 6x 6x	⁵ / ₁₆	12.4	
	³ / ₈	14.9	
	¹ / ₂	19.6	
	⁵ / ₈	24.2	
	³ / ₄	28.7	
	1	37.4	
L 7x 4x	³ / ₈	13.6	
	¹ / ₂	17.9	
	⁵ / ₈	22.1	
	³ / ₄	26.2	
L 8x 4x	¹ / ₂	19.6	
	³ / ₄	28.7	
L 8x 6x	¹ / ₂	23.0	
	³ / ₄	33.8	
	1	44.2	
L 8x 8x	¹ / ₂	26.4	
	⁵ / ₈	32.7	
	³ / ₄	38.9	
	1	51.0	
L 8x 8x	1 ¹ / ₈	56.9	
L 9x4x	¹ / ₂	21.3	

BAR ANGLES

Size in Inches	Weight Per Foot	Size in Inches	Weight Per Foot
$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$	.38	$1\frac{3}{4} \times 1\frac{3}{4} \times \frac{3}{16}$	2.12
$\frac{3}{8} \times \frac{5}{8} \times \frac{1}{8}$	.48	$\frac{1}{4}$	2.77
$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{8}$	.59	$2 \times 1\frac{1}{4} \times \frac{3}{16}$	1.96
$\frac{7}{8} \times \frac{7}{8} \times \frac{1}{8}$	.70	$\frac{1}{4}$	2.55
$1 \times \frac{5}{8} \times \frac{1}{8}$	.64	$2 \times 1\frac{1}{2} \times \frac{1}{8}$	1.44
$1 \times \frac{3}{4} \times \frac{1}{8}$	.70	$\frac{3}{16}$	2.12
		$\frac{1}{4}$	2.77
$1 \times 1 \times \frac{1}{8}$	.80		
$\frac{3}{16}$	1.16	$2 \times 2 \times \frac{1}{8}$	1.65
$\frac{1}{4}$	1.49	$\frac{3}{16}$	2.44
$1\frac{1}{8} \times 1\frac{1}{8} \times \frac{1}{8}$	.90	$\frac{1}{4}$	3.19
$1\frac{1}{4} \times 1\frac{1}{4} \times \frac{1}{8}$	1.01	$\frac{5}{16}$	3.92
$\frac{3}{16}$	1.48	$\frac{3}{8}$	4.70
$\frac{1}{4}$	1.92		
$1\frac{3}{8} \times \frac{7}{8} \times \frac{1}{8}$	.91	$2\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{16}$	2.44
$\frac{3}{16}$	1.32	$\frac{1}{4}$	3.19
$1\frac{1}{2} \times 1\frac{1}{4} \times \frac{3}{16}$	1.64	$\frac{5}{16}$	3.92
		$2\frac{1}{2} \times 2 \times \frac{3}{16}$	2.75
$1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{8}$	1.23	$\frac{1}{4}$	3.62
$\frac{3}{16}$	1.80	$\frac{5}{16}$	4.50
$\frac{1}{4}$	2.34	$\frac{3}{8}$	5.30
$\frac{3}{8}$	3.35		
$1\frac{3}{4} \times 1\frac{1}{4} \times \frac{1}{8}$	1.23	$2\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{16}$	3.07
$\frac{3}{16}$	1.80	$\frac{1}{4}$	4.10
$\frac{1}{4}$	2.34	$\frac{5}{16}$	5.00
$1\frac{3}{4} \times 1\frac{3}{4} \times \frac{1}{8}$	1.44	$\frac{3}{8}$	5.90
		$\frac{1}{2}$	7.70

HR SQUARES

Size in Inches	Weight Per Foot	Size in Inches	Weight Per Foot
$\frac{3}{8}$	.478	2	13.60
$\frac{7}{16}$	.651	$2\frac{1}{4}$	17.21
$\frac{1}{2}$	.850	$2\frac{1}{2}$	21.25
$\frac{9}{16}$	1.08	$2\frac{3}{4}$	25.71
$\frac{5}{8}$	1.33	3	30.60
$\frac{3}{4}$	1.91	$3\frac{1}{4}$	35.91
$\frac{7}{8}$	2.60	$3\frac{1}{2}$	41.65
		$3\frac{3}{4}$	47.81
1	3.40		
$1\frac{1}{8}$	4.30	4	54.40
$1\frac{1}{4}$	5.31	$4\frac{1}{2}$	68.85
$1\frac{3}{8}$	6.43	5	85.00
$1\frac{1}{2}$	7.65	6	122.40
$1\frac{3}{4}$	10.41		
$1\frac{7}{8}$	11.95		

REINFORCING BARS

Size in Inches	Size Number	Weight Per Foot
$\frac{3}{8}$	3	.376
$\frac{1}{2}$	4	.668
$\frac{5}{8}$	5	1.043
$\frac{3}{4}$	6	1.502
$\frac{7}{8}$	7	2.044
1	8	2.670

HR ROUNDS

Size in Inches	Weight Per Foot	Size in Inches	Weight Per Foot
$\frac{1}{8}$	.0417	$3\frac{1}{4}$	28.2060
$\frac{3}{16}$	.0939	$3\frac{3}{8}$	30.4170
$\frac{1}{4}$	.1669	$3\frac{1}{2}$	32.7120
$\frac{5}{16}$	.2608	$3\frac{5}{8}$	35.0900
$\frac{3}{8}$	.3755	$3\frac{3}{4}$	37.5520
		$3\frac{7}{8}$	40.1000
$\frac{7}{16}$	.5111		
$\frac{1}{2}$	.6676	4	42.7260
$\frac{9}{16}$	.8449	$4\frac{1}{8}$	45.4380
$\frac{5}{8}$	1.0431	$4\frac{1}{4}$	48.2330
$\frac{11}{16}$	1.2622	$4\frac{3}{8}$	51.1120
$\frac{3}{4}$	1.5021	$4\frac{1}{2}$	54.0750
$\frac{13}{16}$	1.7629	$4\frac{5}{8}$	57.1210
$\frac{7}{8}$	2.0445	$4\frac{3}{4}$	60.2500
1	2.6704	5	66.7590
$1\frac{1}{8}$	3.3797	$5\frac{1}{4}$	73.6020
$1\frac{1}{4}$	4.1724	$5\frac{1}{2}$	80.7780
$1\frac{3}{8}$	5.0486	$5\frac{3}{4}$	88.2900
$1\frac{1}{2}$	6.0083		
$1\frac{5}{8}$	7.0514	6	96.1300
$1\frac{3}{4}$	8.1780	$6\frac{1}{4}$	104.3100
$1\frac{7}{8}$	9.3880	$6\frac{1}{2}$	112.8200
		$6\frac{3}{4}$	121.6700
2	10.6814		
$2\frac{1}{8}$	12.0583	7	130.8500
$2\frac{1}{4}$	13.5187	$7\frac{1}{4}$	140.3600
$2\frac{3}{8}$	15.0625	$7\frac{1}{2}$	150.2100
$2\frac{1}{2}$	16.6898	$7\frac{3}{4}$	160.3900
$2\frac{5}{8}$	18.4000		
$2\frac{3}{4}$	20.1946	8	170.9000
$2\frac{7}{8}$	22.0720		
		9	216.3000
3	24.0330		
$3\frac{1}{8}$	26.0780		

HR FLATS

Size in Inches	Weight Per Foot	Size in Inches	Weight Per Foot
1/4 x $\frac{3}{8}$	.319	5/16 x $\frac{1}{4}$	1.33
$\frac{1}{2}$	.425	$\frac{3}{8}$	1.46
$\frac{5}{8}$	.531	$\frac{1}{2}$	1.59
$\frac{3}{4}$	.638	$\frac{3}{4}$	1.86
$\frac{7}{8}$	.744	2	2.13
1	.850	$2\frac{1}{4}$	2.39
$1\frac{1}{8}$	.956	$2\frac{1}{2}$	2.66
$1\frac{1}{4}$	1.06	$2\frac{3}{4}$	2.92
$1\frac{3}{8}$	1.17	3	3.19
$1\frac{1}{2}$	1.28	$3\frac{1}{4}$	3.45
$1\frac{5}{8}$	1.38	$3\frac{1}{2}$	3.72
$1\frac{3}{4}$	1.49	4	4.25
2	1.70	$4\frac{1}{2}$	4.78
$2\frac{1}{4}$	1.91	5	5.31
$2\frac{1}{2}$	2.13	$5\frac{1}{2}$	5.84
$2\frac{3}{4}$	2.34	6	6.38
3	2.55	7	7.44
$3\frac{1}{4}$	2.76	8	8.50
$3\frac{1}{2}$	2.98		
$3\frac{3}{4}$	3.19	3/8 x $\frac{1}{2}$	.638
4	3.40	$\frac{5}{8}$	.797
$4\frac{1}{4}$	3.61	$\frac{3}{4}$	.956
$4\frac{1}{2}$	3.83	$\frac{7}{8}$	1.12
5	4.25	1	1.28
$5\frac{1}{2}$	4.68	$1\frac{1}{8}$	1.43
6	5.10	$1\frac{1}{4}$	1.59
7	5.95	$1\frac{3}{8}$	1.75
8	6.80	$1\frac{1}{2}$	1.91
		$1\frac{5}{8}$	2.07
5/16 x $\frac{1}{2}$	.531	$1\frac{3}{4}$	2.23
$\frac{5}{8}$	.664	2	2.55
$\frac{3}{4}$	.797	$2\frac{1}{4}$	2.87
$\frac{7}{8}$	.930	$2\frac{1}{2}$	3.19
1	1.06	$2\frac{3}{4}$	3.51
$1\frac{1}{8}$	1.20	3	3.83

Size in Inches	Weight Per Foot	Size in Inches	Weight Per Foot		
3/8 x	3 1/4	4.14	1/2 x	6	10.20
	3 1/2	4.46		7	11.90
	4	5.10		8	13.60
	4 1/2	5.74	5/8 x	3/4	1.59
	5	6.38		1	2.13
	5 1/2	7.01		1 1/4	2.66
	6	7.65		1 3/8	2.92
	7	8.93		1 1/2	3.19
	7 1/2	9.56		1 5/8	3.45
	8	10.20		1 3/4	3.72
7/16 x	1	1.49		2	4.25
	1 1/4	1.86		2 1/4	4.78
	1 1/2	2.23		2 1/2	5.31
	2	2.98	2 3/4	5.84	
	2 1/2	3.72	3	6.38	
	3	4.46	3 1/4	6.91	
	5	7.44	3 1/2	7.44	
	1/2 x	5/8	1.06	4	8.50
3/4		1.28	4 1/2	9.56	
7/8		1.49	5	10.63	
1		1.70	5 1/2	11.69	
1 1/8		1.91	6	12.75	
1 1/4		2.13	7	14.88	
1 3/8		2.34	8	17.00	
1 1/2		2.55	3/4 x	7/8	2.23
1 5/8		2.76		1	2.55
1 3/4		2.98		1 1/8	2.87
2		3.40		1 1/4	3.19
2 1/4		3.83		1 1/2	3.83
2 1/2		4.25		1 5/8	4.14
2 3/4		4.68		1 3/4	4.46
3		5.10		2	5.10
3 1/4		5.53		2 1/4	5.74
3 1/2		5.95		2 1/2	6.38
3 3/4		6.38	2 3/4	7.01	
4		6.80	3	7.65	
4 1/2		7.65	3 1/4	8.29	
5		8.50	3 1/2	8.93	
5 1/2		9.35	4	10.20	

Size in Inches	Weight Per Foot	Size in Inches	Weight Per Foot
3/4 x 4 1/2	11.48	1 1/8 x 2	7.65
5	12.75	3	11.48
5 1/2	14.03	4	15.30
6	15.30	5	19.13
7	17.85	5 1/2	21.04
8	20.40	6	22.95
7/8 x 1	2.98	1 1/4 x 1 1/2	6.38
1 1/4	3.72	1 3/4	7.44
1 1/2	4.46	2	8.50
1 3/4	5.21	2 1/4	9.56
2	5.95	2 1/2	10.63
2 1/4	6.69	2 3/4	11.69
2 1/2	7.44	3	12.75
3	8.93	3 1/4	13.81
3 1/2	10.41	3 1/2	14.88
4	11.90	4	17.00
4 1/2	13.39	4 1/2	19.13
5	14.88	5	21.25
5 1/2	16.36	5 1/2	23.38
6	17.85	6	25.50
7	20.83	7	29.75
8	23.80	8	34.00
1 x 1 1/4	4.25	1 1/2 x 1 3/4	8.93
1 1/2	5.10	2	10.20
1 3/4	5.95	2 1/4	11.48
2	6.80	2 1/2	12.75
2 1/4	7.65	2 3/4	14.03
2 1/2	8.50	3	15.30
2 3/4	9.35	3 1/2	17.85
3	10.20	4	20.40
3 1/4	11.05	4 1/2	22.95
3 1/2	11.90	5	25.50
4	13.60	5 1/2	28.05
4 1/2	15.30	6	30.60
5	17.00	7	35.70
5 1/2	18.70	8	40.80
6	20.40	1 3/4 x 2	11.90
7	23.80	2 1/2	14.88
8	27.20		

Size in Inches		Weight Per Foot	Size in Inches		Weight Per Foot
1³/₄ x	2 ³ / ₄	16.36	5 x	6	102.0
	3	17.85		8	136.0
	3 ¹ / ₂	20.83			
	4	23.80			
	4 ¹ / ₂	26.78			
	5	29.75			
	6	35.70			
	8	47.60			
2 x	2 ¹ / ₄	15.30			
	2 ¹ / ₂	17.00			
	3	20.40			
	3 ¹ / ₂	23.80			
	4	27.20			
	4 ¹ / ₂	30.60			
	5	34.00			
	6	40.80			
	7	47.60			
	8	54.40			
2¹/₄ x	3	22.95			
	4	30.60			
2¹/₂ x	3	25.50			
	3 ¹ / ₂	29.75			
	4	34.00			
	4 ¹ / ₂	38.25			
	5	42.50			
	6	51.00			
3 x	4	40.80			
	4 ¹ / ₂	45.90			
	5	51.00			
	6	61.20			
3¹/₂ x	4	47.60			
4 x	6	81.60			
	8	108.8			

HR STRIP

Size in Inches	Weight Per Foot	Size in Inches	Weight Per Foot
.125 x $\frac{1}{2}$	.213	.188 x $\frac{3}{8}$	.239
($\frac{1}{8}$ ") $\frac{5}{8}$	.266	($\frac{3}{16}$ ") $\frac{1}{2}$	.319
$\frac{3}{4}$	.319	$\frac{5}{8}$	.398
$\frac{7}{8}$	.372	$\frac{3}{4}$	.478
		$\frac{7}{8}$	.558
1	.425	1	.638
$1\frac{1}{8}$	.478	$1\frac{1}{8}$	.717
$1\frac{1}{4}$	.531	$1\frac{1}{4}$	.797
$1\frac{3}{8}$	.584	$1\frac{3}{8}$	.877
$1\frac{1}{2}$	.638	$1\frac{1}{2}$	.956
$1\frac{3}{4}$	.744	$1\frac{3}{4}$	1.12
2	.850	2	1.28
$2\frac{1}{4}$	.956	$2\frac{1}{4}$	1.43
$2\frac{1}{2}$	1.06	$2\frac{1}{2}$	1.59
$2\frac{3}{4}$	1.17	$2\frac{3}{4}$	1.75
3	1.28	3	1.91
$3\frac{1}{4}$	1.38	$3\frac{1}{4}$	2.07
$3\frac{1}{2}$	1.49	$3\frac{1}{2}$	2.23
4	1.70	4	2.55
$4\frac{1}{2}$	1.91	$4\frac{1}{2}$	2.87
5	2.13	5	3.19
$5\frac{1}{2}$	2.34	$5\frac{1}{2}$	3.51
6	2.55	6	3.83
7	2.98	7	4.46
8	3.40	8	5.10
9	3.83	9	5.74
10	4.25	10	6.38
12	5.10	12	7.65

HR PLATES

Thickness In.	Lbs Per Square Foot	Thickness In.	Lbs Per Square Foot
$\frac{3}{16}$	7.66	4	163.35
$\frac{1}{4}$	10.21	$4\frac{1}{4}$	173.56
$\frac{5}{16}$	12.76	$4\frac{1}{2}$	183.77
$\frac{3}{8}$	15.32	$4\frac{3}{4}$	193.98
$\frac{7}{16}$	17.87	5	204.19
$\frac{1}{2}$	20.42	$5\frac{1}{2}$	224.61
$\frac{9}{16}$	22.97	6	245.03
$\frac{5}{8}$	25.53	$6\frac{1}{2}$	265.45
$\frac{11}{16}$	28.08	7	285.87
$\frac{3}{4}$	30.63	$7\frac{1}{2}$	306.29
$\frac{7}{8}$	35.73	8	326.71
1	40.84	$8\frac{1}{2}$	347.13
$1\frac{1}{8}$	45.95	9	367.55
$1\frac{1}{4}$	51.05	10	408.38
$1\frac{3}{8}$	56.16	11	449.22
$1\frac{1}{2}$	61.26	12	490.06
$1\frac{5}{8}$	66.37		
$1\frac{3}{4}$	74.47		
$1\frac{7}{8}$	76.58		
2	81.68		
$2\frac{1}{8}$	86.78		
$2\frac{1}{4}$	91.89		
$2\frac{3}{8}$	96.99		
$2\frac{1}{2}$	102.10		
$2\frac{5}{8}$	107.20		
$2\frac{3}{4}$	112.31		
$2\frac{7}{8}$	117.41		
3	122.52		
$3\frac{1}{4}$	132.72		
$3\frac{1}{2}$	142.93		
$3\frac{3}{4}$	153.14		

UM PLATES

Size in Inches		Weight Per Foot
9 x	$\frac{1}{4}$	7.66
x	$\frac{3}{8}$	11.49
x	$\frac{1}{2}$	15.31
x	$\frac{5}{8}$	19.13
x	$\frac{3}{4}$	22.97
x	1	30.63
10 x	$\frac{1}{4}$	8.51
x	$\frac{5}{16}$	10.64
x	$\frac{3}{8}$	12.76
x	$\frac{1}{2}$	17.02
x	$\frac{5}{8}$	21.27
x	$\frac{3}{4}$	25.52
x	1	34.02
11 x	$\frac{1}{4}$	9.35
x	$\frac{5}{16}$	11.70
x	$\frac{3}{8}$	14.04
x	$\frac{1}{2}$	18.72
x	$\frac{5}{8}$	23.40
x	$\frac{3}{4}$	28.08
x	1	37.44
12 x	$\frac{1}{4}$	10.21
x	$\frac{5}{16}$	12.76
x	$\frac{3}{8}$	15.31
x	$\frac{1}{2}$	20.42
x	$\frac{5}{8}$	25.52
x	$\frac{3}{4}$	30.63
x	1	40.84

FLOOR PLATES

Thickness in Inches	Lbs Per Square Foot
#16	3.00
#14	3.75
#12	5.25
$\frac{1}{8}$	6.16
$\frac{3}{16}$	8.71
$\frac{1}{4}$	11.26
$\frac{5}{16}$	13.81
$\frac{3}{8}$	16.37
$\frac{1}{2}$	21.47
$\frac{5}{8}$	26.58
$\frac{3}{4}$	31.68
1	41.89

HR SHEETS

Standard Gauge	Decimal	Weight Per Square Foot
7	.1793	7.500
8	.1644	6.875
9	.1494	6.250
10	.1345	5.625
11	.1196	5.000
12	.1046	4.375
13	.0897	3.750
14	.0747	3.125
15	.0673	2.812
16	.0598	2.500
17	.0538	2.250
18	.0478	2.000
19	.0418	1.750
20	.0359	1.500
21	.0329	1.375
22	.0299	1.250
23	.0269	1.125
24	.0239	1.000
25	.0209	.875
26	.0179	.750
27	.0164	.6875
28	.0149	.625
29	.0135	.5625
30	.0120	.500

SQ. MECH TUBING

Size	Gauge	Wt./Ft.	Size	Gauge	Wt./Ft.
$\frac{3}{8} \times \frac{3}{8}$	22 ga	.132	$\frac{7}{8} \times \frac{7}{8}$	22 ga	.323
	20 ga	.1618		20 ga	.400
	18 ga	.2172		19 ga	.476
	16 ga	.2740		18 ga	.550
$\frac{1}{2} \times \frac{1}{2}$				17 ga	.644
	22 ga	.180		16 ga	.716
	20 ga	.221		15 ga	.786
	19 ga	.262		14 ga	.894
	18 ga	.301		13 ga	1.008
	17 ga	.349	1 x 1		
	16 ga	.385		22 ga	.370
$\frac{5}{8} \times \frac{5}{8}$				20 ga	.459
	22 ga	.227		19 ga	.547
	20 ga	.281		18 ga	.634
	19 ga	.333		17 ga	.743
	18 ga	.384		16 ga	.827
	17 ga	.447		15 ga	.909
	16 ga	.495		14 ga	1.035
$\frac{3}{4} \times \frac{3}{4}$				13 ga	1.169
	22 ga	.275		12 ga	1.321
	20 ga	.340		11 ga	1.463
	19 ga	.404	$1\frac{1}{8} \times 1\frac{1}{8}$		
	18 ga	.467		22 ga	.418
	17 ga	.547		20 ga	.519
	16 ga	.606		18 ga	.717
	15 ga	.664		16 ga	.937
	14 ga	.753		15 ga	1.031
	13 ga	.846		14 ga	1.176
	12 ga	.950		13 ga	1.331
	11 ga	1.028		12 ga	1.506
				11 ga	1.640

Size	Gauge	Wt./Ft.	Size	Gauge	Wt./Ft.
1 ¹ / ₄ x 1 ¹ / ₄	20 ga	.578	2 x 2	16 ga	1.711
	18 ga	.800		15 ga	1.888
	16 ga	1.048		14 ga	2.164
	15 ga	1.154		13 ga	2.461
	14 ga	1.317		12 ga	2.803
	13 ga	1.492		11 ga	3.068
	12 ga	1.691	2 ¹ / ₄ x 2 ¹ / ₄	16 ga	1.932
	11 ga	1.844		14 ga	2.446
1 ¹ / ₂ x 1 ¹ / ₂	20 ga	.697		13 ga	2.784
	18 ga	.967		12 ga	3.174
	16 ga	1.269		11 ga	3.884
	15 ga	1.298	2 ¹ / ₂ x 2 ¹ / ₂	16 ga	2.153
	14 ga	1.600		15 ga	2.377
	13 ga	1.815		14 ga	2.728
	12 ga	2.062		13 ga	3.107
	11 ga	2.252		12 ga	3.544
1 ³ / ₄ x 1 ³ / ₄	20 ga	.816		11 ga	3.884
	18 ga	1.134			
	17 ga	1.33			
	16 ga	1.490			
	15 ga	1.643			
	14 ga	1.882			
	13 ga	2.138			
	12 ga	2.433			
1 ⁷ / ₈ x 1 ⁷ / ₈	11 ga	2.660			
	20 ga	.876			
	18 ga	1.217			
	16 ga	1.601			
	15 ga	1.765			
	14 ga	2.023			
	13 ga	2.300			
	12 ga	2.618			
2 x 2	11 ga	2.864			
	20 ga	1.300			
	17 ga	1.53			

RECT. MECH TUBING

Size	Gauge	Wt./Ft.	Size	Gauge	Wt./Ft.
1 x $\frac{3}{8}$	20 ga	.252	1 x $\frac{3}{4}$	14 ga	.894
	19 ga	.311		13 ga	1.008
	18 ga	.369	1 $\frac{1}{4}$ x $\frac{1}{2}$	20 ga	.400
	16 ga	.426		19 ga	.476
1 x $\frac{1}{2}$	22 ga	.275		18 ga	.550
	20 ga	.240		17 ga	.644
	19 ga	.404		16 ga	.716
	18 ga	.467	1 $\frac{1}{4}$ x 1	22 ga	.418
	17 ga	.546		20 ga	.519
	16 ga	.606		19 ga	.717
	15 ga	.664		18 ga	.937
	14 ga	.753		17 ga	1.031
	13 ga	.846		16 ga	1.176
	12 ga	.950		15 ga	1.031
	11 ga	1.028		14 ga	1.176
1 x $\frac{5}{8}$	22 ga	.299		13 ga	1.331
	20 ga	.370		12 ga	1.506
	19 ga	.440		11 ga	1.640
	18 ga	.509	1 $\frac{1}{2}$ x $\frac{1}{2}$	22 ga	.370
	17 ga	.595		20 ga	.459
	16 ga	.660		19 ga	.547
	15 ga	.725		18 ga	.634
	14 ga	.823		17 ga	.734
1 x $\frac{3}{4}$	22 ga	.323		16 ga	.827
	20 ga	.400		15 ga	.909
	19 ga	.476		14 ga	1.035
	18 ga	.550		13 ga	1.169
	17 ga	.644		12 ga	1.321
	16 ga	.716		11 ga	1.436
	15 ga	.786			

Size	Gauge	Wt./Ft.	Size	Gauge	Wt./Ft.
1½ x ⅝	20 ga	.489	2 x 1	20 ga	.697
	19 ga	.583		18 ga	.967
	18 ga	.675		16 ga	1.269
	17 ga	.812		15 ga	1.398
	16 ga	.881		14 ga	1.600
1½ x ¾				13 ga	1.815
	22 ga	.418		12 ga	2.062
	20 ga	.519		11 ga	2.252
	19 ga	.619	2 x 1¼		
	18 ga	.717		20 ga	.757
	17 ga	.842		18 ga	1.050
	16 ga	.937		16 ga	1.379
	15 ga	1.031		15 ga	1.521
	14 ga	1.176		14 ga	1.741
	13 ga	1.331		13 ga	1.977
	12 ga	1.506		12 ga	1.242
	11 ga	1.640		11 ga	1.456
1½ x 1			2 x 1½	16 ga	1.490
	20 ga	.578		15 ga	1.643
	18 ga	.800		14 ga	1.882
	16 ga	1.048		13 ga	1.138
	15 ga	1.153		12 ga	1.433
	14 ga	1.317		11 ga	1.660
	13 ga	1.492	2¼ x 1		
	12 ga	1.691		16 ga	1.379
	11 ga	1.844		15 ga	1.521
1¾ x 1¼				14 ga	1.741
	20 ga	.697		13 ga	1.977
	18 ga	.967		12 ga	1.247
	16 ga	1.269		11 ga	1.456
	15 ga	1.398	2¼ x 1¼		
	14 ga	1.600		20 ga	.876
	13 ga	1.815		18 ga	1.217
	12 ga	2.062		16 ga	1.601
	11 ga	2.252		15 ga	1.765
2 x ¾				14 ga	1.032
	16 ga	1.158		13 ga	1.300
	15 ga	1.276		12 ga	1.618
	14 ga	1.458		11 ga	1.864
	13 ga	1.654			

Size	Gauge	Wt./Ft.	Size	Gauge	Wt./Ft.
2 1/2 x 1 1/4	18 ga	1.300			
	16 ga	1.711			
	14 ga	2.164			
	13 ga	2.461			
	12 ga	2.803			
	11 ga	3.068			
3 x 1	18 ga	1.300			
	16 ga	1.711			
	14 ga	2.164			
	13 ga	2.461			
	12 ga	2.803			
	11 ga	3.068			
3 x 1 1/2	14 ga	2.466			
	13 ga	2.784			
	12 ga	3.174			
	11 ga	3.476			
3 x 2	16 ga	2.153			
	15 ga	2.377			
	14 ga	2.728			
	13 ga	3.107			
	12 ga	3.544			
	11 ga	3.884			

SQ. STRUCTURAL TUBING

Size	Thickness	Wt./Ft.	Size	Thickness	Wt./Ft.
1 1/2 x 1 1/2	3/16	3.04	4 1/2 x 4 1/2	1/8	7.145
				3/16	10.70
2 x 2	1/8	3.05		1/4	13.91
	3/16	4.32			
	1/4	5.41	5 x 5	1/8	7.96
				3/16	11.97
2 1/2 x 2 1/2	1/8	3.90		1/4	15.62
	3/16	5.60		5/16	19.08
	1/4	7.10		3/8	22.37
				1/2	28.43
3 x 3	1/8	4.75		5/8	33.76
	3/16	6.88			
	1/4	8.80	5 1/2 x 5 1/2	1/8	8.69
	5/16	10.58		3/16	13.25
	3/8	12.16		1/4	17.32
				5/16	21.21
3 1/2 x 3 1/2	1/8	5.61		3/8	24.93
	3/16	8.15			
	1/4	10.50	6 x 6	1/8	9.69
				3/16	14.53
4 x 4	1/8	6.46		1/4	19.02
	3/16	9.44		5/16	23.34
	1/4	12.20		3/8	27.48
	5/16	14.84		1/2	35.24
	3/8	17.25		5/8	42.26
	1/2	21.61			
	5/8	25.26	7 x 7	3/16	17.08
				1/4	22.42
				5/16	27.59
				3/8	32.58

Size	Thickness	Wt./Ft.	Size	Thickness	Wt./Ft.
7 x 7	$\frac{1}{2}$	42.05			
	$\frac{5}{8}$	50.76			
8 x 8	$\frac{3}{16}$	19.63			
	$\frac{1}{4}$	25.82			
	$\frac{5}{16}$	31.84			
	$\frac{3}{8}$	37.69			
	$\frac{1}{2}$	48.85			
	$\frac{5}{8}$	59.32			
9 x 9	$\frac{3}{16}$	22.18			
	$\frac{1}{4}$	29.23			
	$\frac{5}{16}$	36.10			
	$\frac{3}{8}$	42.79			
	$\frac{1}{2}$	55.66			
10 x 10	$\frac{3}{16}$	24.73			
	$\frac{1}{4}$	32.63			
	$\frac{5}{16}$	40.35			
	$\frac{3}{8}$	47.90			
	$\frac{1}{2}$	62.46			
	$\frac{5}{8}$	76.33			
12 x 12	$\frac{3}{16}$	29.84			
	$\frac{1}{4}$	39.43			
	$\frac{5}{16}$	48.86			
	$\frac{3}{8}$	58.10			
	$\frac{1}{2}$	76.07			
	$\frac{5}{8}$	93.34			
14 x 14	$\frac{5}{16}$	57.36			
	$\frac{3}{8}$	68.31			
	$\frac{1}{2}$	89.86			
	$\frac{5}{8}$	110.36			
16 x 16	$\frac{5}{16}$	65.87			
	$\frac{3}{8}$	78.52			
	$\frac{1}{2}$	103.30			

RECT. STRUCTURAL TUBING

Size	Thickness	Wt./Ft.	Size	Thickness	Wt./Ft.
2½ x 1½	3/16	4.32	5 x 2	3/16	8.16
	¼	5.40		¼	10.51
3 x 1	3/16	4.32		5/16	12.70
	¼	5.40	5 x 2½	3/16	8.76
3 x 1½	3/16	4.96		¼	11.35
	¼	6.25	5 x 3	3/16	9.42
3 x 2	3/16	5.60		¼	12.21
	¼	7.11		5/16	14.83
3 x 2½	3/16	6.24		3/8	17.27
	¼	7.95		½	21.61
3½ x 2½	3/16	6.88	5 x 4	3/16	10.70
	¼	8.80		¼	13.91
4 x 1½	3/16	6.21		5/16	16.96
	3/16	6.88		3/8	19.82
	¼	8.80	6 x 2	3/16	9.42
	5/16	10.58		¼	12.21
4 x 2½	3/16	7.49		5/16	14.83
	¼	9.66		3/8	17.27
4 x 3	3/16	8.16		½	21.61
	¼	10.51	6 x 3	3/16	10.70
	5/16	12.70		¼	13.91
				5/16	16.96
				3/8	19.82
				½	25.01

Size	Thickness	Wt./Ft.	Size	Thickness	Wt./Ft.
6 x 4	$\frac{3}{16}$	11.97	8 x 4	$\frac{1}{2}$	35.24
	$\frac{1}{4}$	15.62		$\frac{5}{8}$	42.26
	$\frac{5}{16}$	19.08	8 x 6	$\frac{3}{16}$	17.08
	$\frac{3}{8}$	22.37		$\frac{1}{4}$	22.40
	$\frac{1}{2}$	28.43		$\frac{5}{16}$	27.59
	$\frac{5}{8}$	33.76		$\frac{3}{8}$	32.58
7 x 3	$\frac{3}{16}$	12.14		$\frac{1}{2}$	42.05
	$\frac{1}{4}$	15.62		$\frac{5}{8}$	50.76
	$\frac{5}{16}$	19.08	9 x 3	$\frac{3}{16}$	14.53
	$\frac{3}{8}$	22.37		$\frac{1}{4}$	19.02
7 x 4	$\frac{3}{16}$	13.25		$\frac{5}{16}$	32.34
	$\frac{1}{4}$	17.32		$\frac{3}{8}$	27.48
	$\frac{5}{16}$	21.21	9 x 7	$\frac{3}{16}$	19.63
	$\frac{3}{8}$	24.93		$\frac{1}{4}$	25.82
7 x 5	$\frac{3}{16}$	14.53		$\frac{5}{16}$	31.84
	$\frac{1}{4}$	19.02		$\frac{3}{8}$	37.69
	$\frac{5}{16}$	23.34		$\frac{1}{2}$	48.85
	$\frac{3}{8}$	27.48	10 x 2	$\frac{3}{16}$	14.53
	$\frac{1}{2}$	35.24		$\frac{1}{4}$	19.02
	$\frac{5}{8}$	42.72		$\frac{5}{16}$	23.34
8 x 2	$\frac{3}{16}$	11.97	10 x 3	$\frac{3}{16}$	15.80
	$\frac{1}{4}$	15.62		$\frac{1}{4}$	20.72
	$\frac{5}{16}$	19.08		$\frac{5}{16}$	25.47
	$\frac{3}{8}$	22.37	10 x 4	$\frac{3}{16}$	17.08
	$\frac{1}{2}$	28.41		$\frac{1}{4}$	22.24
8 x 3	$\frac{3}{16}$	13.27		$\frac{5}{16}$	27.59
	$\frac{1}{4}$	17.32		$\frac{3}{8}$	32.58
	$\frac{5}{16}$	21.21		$\frac{1}{2}$	42.05
	$\frac{3}{8}$	24.93		$\frac{5}{8}$	50.76
	$\frac{1}{2}$	31.81	10 x 6	$\frac{3}{16}$	19.63
8 x 4	$\frac{3}{16}$	14.53		$\frac{1}{4}$	25.82
	$\frac{1}{4}$	19.02		$\frac{5}{16}$	31.84
	$\frac{5}{16}$	23.34		$\frac{3}{8}$	37.69
	$\frac{3}{8}$	27.48		$\frac{1}{2}$	48.85

Size	Thickness	Wt./Ft.	Size	Thickness	Wt./Ft.
10 x 8	$\frac{3}{16}$	22.18	16 x 4	$\frac{1}{4}$	32.63
	$\frac{1}{4}$	29.23		$\frac{5}{16}$	40.35
	$\frac{5}{16}$	36.10		$\frac{3}{8}$	47.90
	$\frac{3}{8}$	42.79		$\frac{1}{2}$	62.46
	$\frac{1}{2}$	55.66	16 x 8	$\frac{5}{16}$	48.86
12 x 2	$\frac{3}{16}$	17.08		$\frac{3}{8}$	58.10
	$\frac{1}{4}$	22.24		$\frac{1}{2}$	76.07
12 x 4	$\frac{3}{16}$	19.63	16 x 12	$\frac{5}{16}$	57.36
	$\frac{1}{4}$	25.82		$\frac{3}{8}$	68.31
	$\frac{5}{16}$	31.84		$\frac{1}{2}$	89.68
	$\frac{3}{8}$	37.69	18 x 6	$\frac{1}{4}$	39.43
	$\frac{1}{2}$	48.85		$\frac{5}{16}$	48.86
12 x 6	$\frac{3}{16}$	22.18		$\frac{3}{8}$	58.10
	$\frac{1}{4}$	29.23	20 x 4	$\frac{1}{2}$	76.07
	$\frac{5}{16}$	36.10		$\frac{5}{16}$	48.86
	$\frac{3}{8}$	42.79		$\frac{3}{8}$	58.10
	$\frac{1}{2}$	55.66		$\frac{1}{2}$	76.07
12 x 8	$\frac{3}{16}$	24.77	20 x 8	$\frac{5}{16}$	57.36
	$\frac{1}{4}$	32.63		$\frac{3}{8}$	68.31
	$\frac{5}{16}$	40.35		$\frac{1}{2}$	89.68
	$\frac{3}{8}$	47.90	20 x 12	$\frac{5}{16}$	65.87
	$\frac{1}{2}$	62.46		$\frac{3}{8}$	78.52
	$\frac{3}{8}$	76.33		$\frac{1}{2}$	103.30
14 x 4	$\frac{1}{4}$	29.23	14 x 6	$\frac{1}{4}$	32.63
	$\frac{5}{16}$	36.10		$\frac{5}{16}$	40.35
	$\frac{3}{8}$	42.79		$\frac{3}{8}$	47.90
	$\frac{1}{2}$	55.66		$\frac{1}{2}$	62.46
14 x 10	$\frac{5}{16}$	48.86		$\frac{5}{16}$	48.86
	$\frac{3}{8}$	58.10		$\frac{3}{8}$	58.10
	$\frac{1}{2}$	76.07		$\frac{1}{2}$	76.07

PIPE-STANDARD SCHEDULE 40

Size	Thickness	O.D.	Wt./Ft.
$\frac{3}{4}$	.113	1.05	1.13
1	.133	1.315	1.68
1 $\frac{1}{4}$	.140	1.66	2.27
1 $\frac{1}{2}$	.145	1.90	2.72
2	.154	2.375	3.65
2 $\frac{1}{2}$	.203	2.875	5.79
3	.216	3.50	7.58
3 $\frac{1}{2}$	.226	4.00	9.11
4	.237	4.50	10.79
5	.258	5.563	14.62
6	.280	6.625	18.97
8	.322	8.625	28.55
10	.365	10.75	40.48
12	.375	12.75	49.56

DECIMAL EQUIVALENTS

$\frac{1}{64}$.0156

$\frac{1}{32}$.0312

$\frac{3}{64}$.0468

$\frac{1}{16}$.0625

$\frac{5}{64}$.0781

$\frac{3}{32}$.0937

$\frac{7}{64}$.1094

$\frac{1}{8}$.125

$\frac{9}{64}$.1406

$\frac{5}{32}$.1562

$\frac{11}{64}$.1719

$\frac{3}{16}$.1875

$\frac{13}{64}$.2031

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$\frac{15}{64}$.2344

$\frac{1}{4}$.25

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$\frac{19}{64}$.2969

$\frac{5}{16}$.3125

$\frac{21}{64}$.3281

$\frac{11}{32}$.3437

$\frac{23}{64}$.3594

$\frac{3}{8}$.375

$\frac{25}{64}$.3906

$\frac{13}{32}$.4062

$\frac{27}{64}$.4219

$\frac{7}{16}$.4375

$\frac{29}{64}$.4531

$\frac{15}{32}$.4687

$\frac{31}{64}$.4844

$\frac{1}{2}$.5

$\frac{33}{64}$.5156

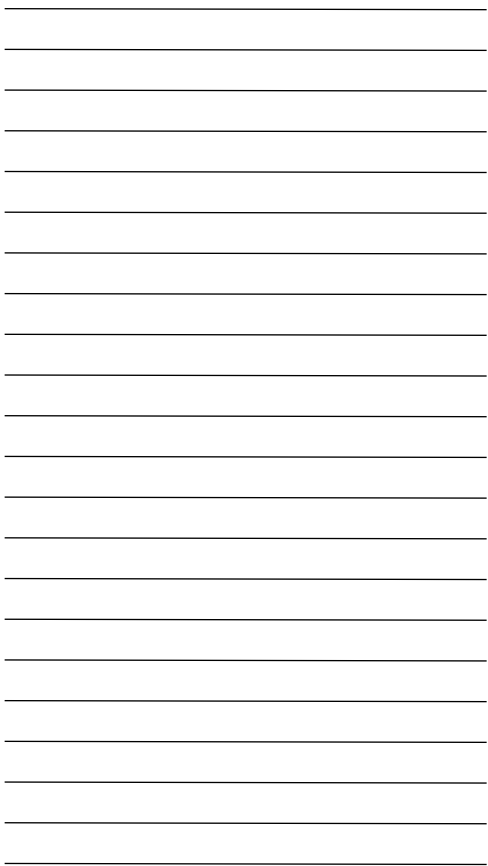
$\frac{17}{32}$.5312

$\frac{35}{64}$.5469

$\frac{9}{16}$.5625

$\frac{37}{64}$	.5781	$\frac{15}{16}$	.9375
$\frac{19}{32}$	.5937	$\frac{61}{64}$	.9531
$\frac{39}{64}$	.6094	$\frac{31}{32}$	.9687
$\frac{5}{8}$	.625	$\frac{63}{64}$	.9843
$\frac{41}{64}$	.6406	1	1.0
$\frac{21}{32}$	.6562		
$\frac{43}{64}$	.6719		
$\frac{11}{16}$	.6875		
$\frac{45}{64}$	.7031		
$\frac{23}{32}$	.7187		
$\frac{47}{64}$	.7344		
$\frac{3}{4}$	.75		
$\frac{49}{64}$	.7656		
$\frac{25}{32}$	.7812		
$\frac{51}{64}$	.7969		
$\frac{13}{16}$	.8125		
$\frac{53}{64}$	.8281		
$\frac{27}{32}$	.8437		
$\frac{55}{64}$	.8594		
$\frac{7}{8}$	.875		
$\frac{57}{64}$	.8906		
$\frac{29}{32}$	.9062		
$\frac{59}{64}$	.9219		

NOTES



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[illegible]

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[illegible]

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[illegible]

This image shows a single page from a notebook or ledger. It features approximately 20 evenly spaced horizontal blue lines across its entire width. The margins are consistent on all sides, providing ample space for writing or drawing. There are no other markings, text, or illustrations present on the page.

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