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SHAPE BOOK

PRESENTED TO A. I. S. C. LIBRARY
OCTOBER 21, 1953
CONTAINING

PROFILES, TABLES, AND DATA

APPERTAINING TO THE

SHAPES, PLATES, BARS,

RAILS, AND TRACK

ACCESSORIES

MANUFACTURED BY

CARNEGIE STEEL COMPANY

PITTSBURGH, PA.



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SHAPE BOOK
PRESENTED BY A. S. C. L. I. B. S.
OCTOBER 21, 1923
CONTAINING

PROFILES, TABLES AND DATA

APPERTAINING TO THE

Copyright, 1915, by
CARNEGIE STEEL COMPANY
Pittsburgh, Pa.

SHAPE BARS

RAILS AND TRACK

ACCESSORIES

PREPARED BY

CARNEGIE STEEL COMPANY

PITTSBURGH, PA.

Fifth Edition, January 1, 1915



THIS, the Fifth Edition of the Carnegie Shape Book, with a few unimportant exceptions, contains profiles of all the sections rolled on the structural, plate, bar, and rail mills of the Carnegie Steel Company, together with tables and other data in regard to these products. It supersedes and cancels all previous issues.

All dimensions given on profiles are theoretical. Wherever a profile applies to more than one weight of section, the dimensions are for the minimum weight.

Weights of rails are given per lineal yard of section, but, unless otherwise indicated, all other weights are per lineal foot. Sections having but one weight specified can be rolled only to the weight given.

The section number should be specified on orders for all sections.

Structural Beams, H-Beams, Structural Channels, Ship Channels, Bulb Angles, Bulb Beams, United States Steel Sheet Piling, and structural sizes of Tees and Zees should be ordered by section number and weight per foot. Structural sizes of Angles may be ordered either by section number and weight per foot or by section number and thickness.

Orders for bar mill sizes of Angles, Channels, Tees, and Zees, as well as other bar mill products, should specify all necessary dimensions as well as section numbers.

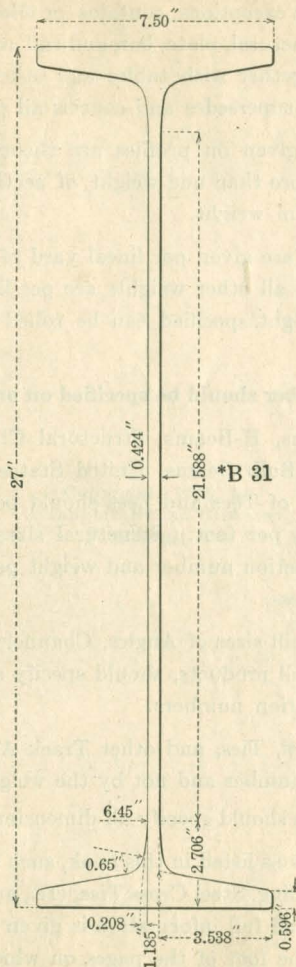
Rails, Splice Bars, Ties, and other Track Accessories should be ordered by section number and not by the weight per foot.

Orders for Plates should specify all dimensions in inches.

Some of the sections listed in this book, such as H-Beams, United States Steel Sheet Piling, Steel Cross Ties, etc., are especially adapted to particular uses, and full information is given in separate publications, as noted at the foot of the pages on which such sections are shown. Copies of these publications, as well as those on STEEL WHEELS, GEAR BLANKS AND MISCELLANEOUS WHEELS, STEEL AXLES, and STEEL DERRICKS AND DRILLING RIGS, which are not described in this book, may be had on application to our District Offices.

CARNEGIE STEEL COMPANY

STRUCTURAL BEAMS

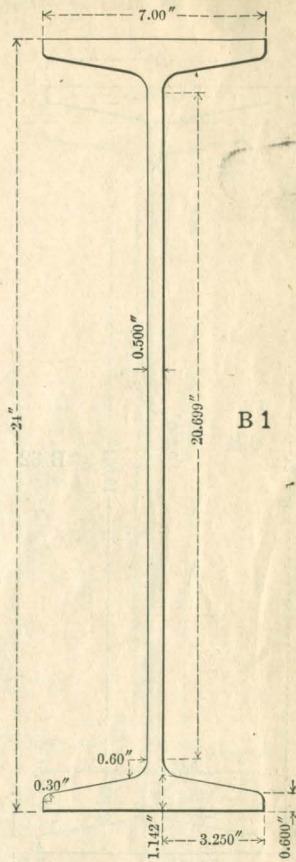
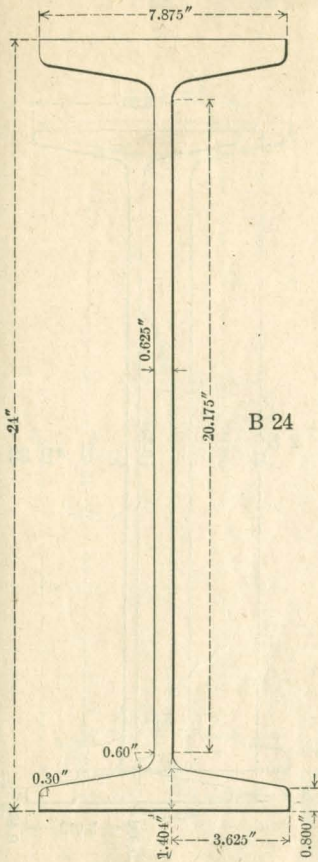


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
*B 31	27	83.0	7.500	7 1/2	0.424	27/64

* Supplementary Beam, furnished only by special arrangement.

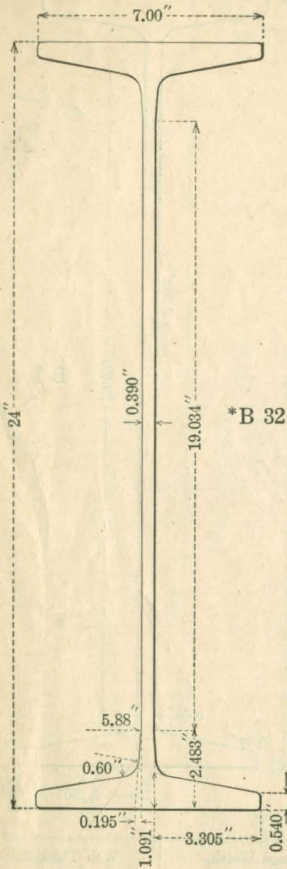
BEAMS

STRUCTURAL BEAMS—Continued

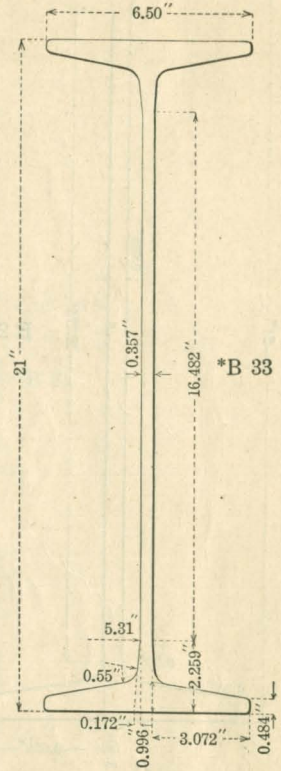


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 24	24	120.0	8.062	8 ¹ / ₁₆	0.812	13 ¹ / ₁₆
		115.0	8.000	8	0.750	3 ³ / ₄
		110.0	7.938	7 ¹⁵ / ₁₆	0.688	11 ¹ / ₁₆
		105.0	7.875	7 ⁷ / ₈	0.625	5 ⁷ / ₈
		100.0	7.254	7 ¹ / ₄	0.754	3 ³ / ₄
B 1	24	95.0	7.193	7 ³ / ₁₆	0.693	11 ¹ / ₁₆
		90.0	7.131	7 ¹ / ₈	0.631	5 ³ / ₈
		85.0	7.070	7 ¹ / ₁₆	0.570	9 ¹ / ₁₆
		80.0	7.000	7	0.500	1 ¹ / ₂
		79.9				

STRUCTURAL BEAMS—Continued



*B 32



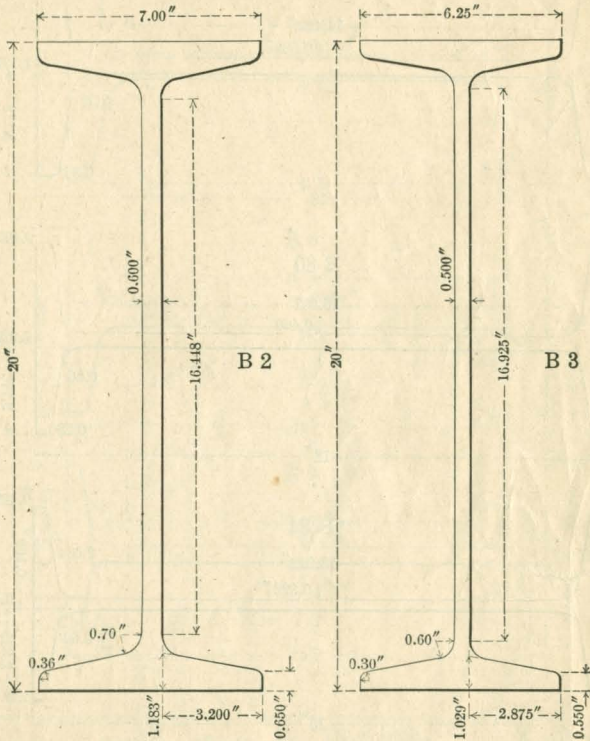
*B 33

Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
*B 32	24	69.5	7.000	7	0.390	$\frac{25}{64}$
*B 33	21	57.5	6.500	$6\frac{1}{2}$	0.357	$\frac{23}{64}$

*Supplementary Beams, furnished only by special arrangement.

BEAMS

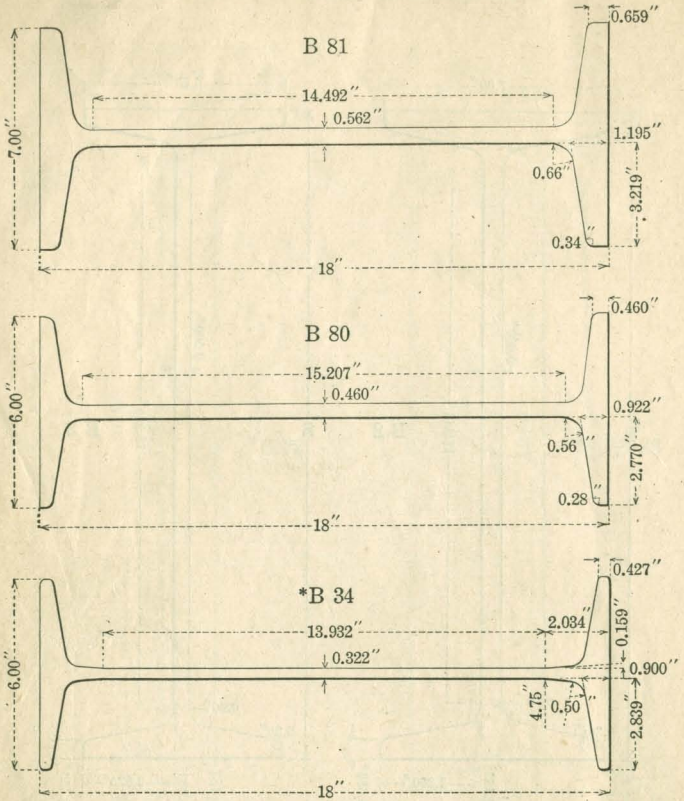
STRUCTURAL BEAMS—Continued



Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 2	20	100.0	7.284	7 ⁹ / ₃₂	0.884	⁵⁷ / ₆₄
		95.0	7.210	7 ¹³ / ₆₄	0.810	¹³ / ₁₆
		90.0	7.137	7 ⁹ / ₆₄	0.737	⁴⁷ / ₆₄
		85.0	7.063	7 ¹ / ₁₆	0.663	²¹ / ₃₂
		80.0	7.000	7	0.600	¹⁹ / ₃₂
B 3	20	81.4	6.399	6 ¹³ / ₃₂	0.649	²¹ / ₃₂
		75.0	6.325	6 ²¹ / ₆₄	0.575	³⁷ / ₆₄
		65.0	6.250	6 ¹ / ₄	0.500	¹ / ₂

CARNEGIE STEEL COMPANY

STRUCTURAL BEAMS—Continued

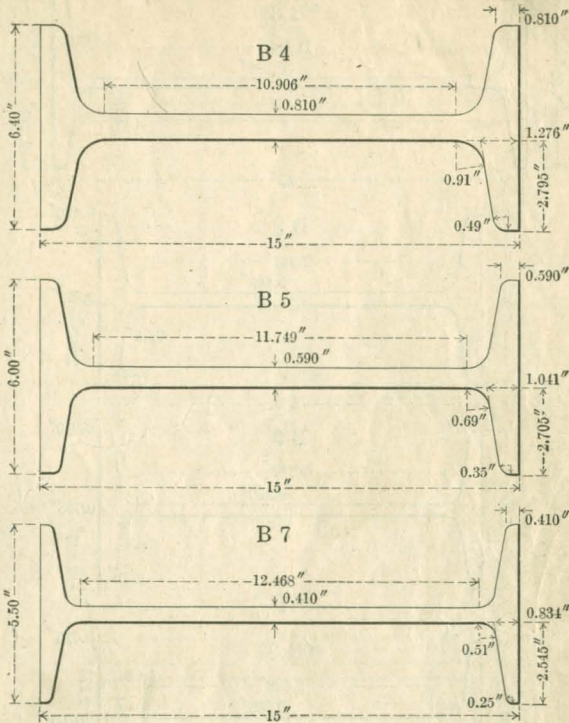


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 81	18	90.0	7.245	7 ¼	0.807	13/16
		85.0	7.163	7 5/32	0.725	23/32
		80.0	7.082	7 5/64	0.644	41/64
		75.0	7.000	7	0.562	9/16
B 80	18	70.0	6.259	6 17/64	0.719	23/32
		65.0	6.177	6 11/64	0.637	41/64
		60.0	6.095	6 3/32	0.555	9/16
		55.0	6.000	6	0.460	29/64
*B 34	18	46.0	6.000	6	0.322	21/64

*Supplementary Beam, furnished only by special arrangement.

BEAMS

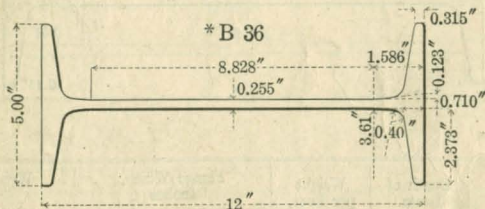
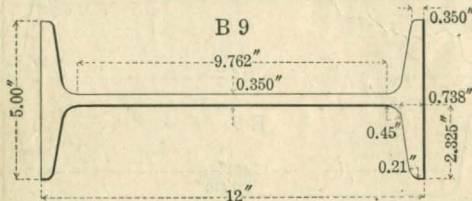
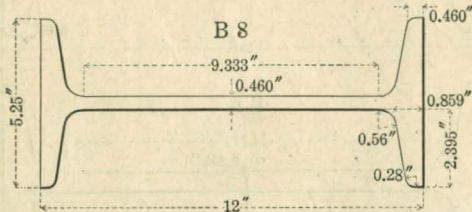
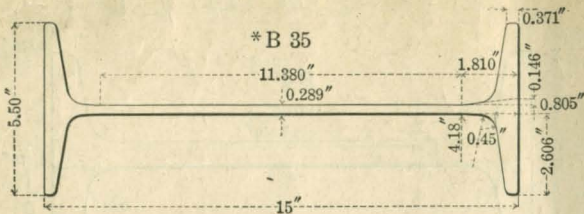
STRUCTURAL BEAMS—Continued



Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 4	15	100.0	6.773	$6\frac{49}{64}$	1.183	$1\frac{3}{16}$
		95.0	6.675	$6\frac{43}{64}$	1.085	$1\frac{5}{64}$
		90.0	6.577	$6\frac{37}{64}$	0.987	$6\frac{3}{64}$
		85.0	6.479	$6\frac{31}{64}$	0.889	$5\frac{7}{64}$
		80.0	6.400	$6\frac{13}{32}$	0.810	$1\frac{3}{16}$
		81.3				
B 5	15	75.0	6.292	$6\frac{19}{64}$	0.882	$\frac{7}{8}$
		70.0	6.194	$6\frac{3}{16}$	0.784	$2\frac{9}{32}$
		65.0	6.096	$6\frac{3}{32}$	0.686	$1\frac{1}{16}$
		60.0	6.000	6	0.590	$1\frac{9}{32}$
		60.8				
B 7	15	55.0	5.746	$5\frac{3}{4}$	0.656	$2\frac{1}{32}$
		50.0	5.648	$5\frac{41}{64}$	0.558	$\frac{9}{16}$
		45.0	5.550	$5\frac{35}{64}$	0.460	$2\frac{9}{64}$
		42.0	5.500	$5\frac{1}{2}$	0.410	$1\frac{3}{32}$
		72.9				

CARNEGIE STEEL COMPANY

STRUCTURAL BEAMS—Continued

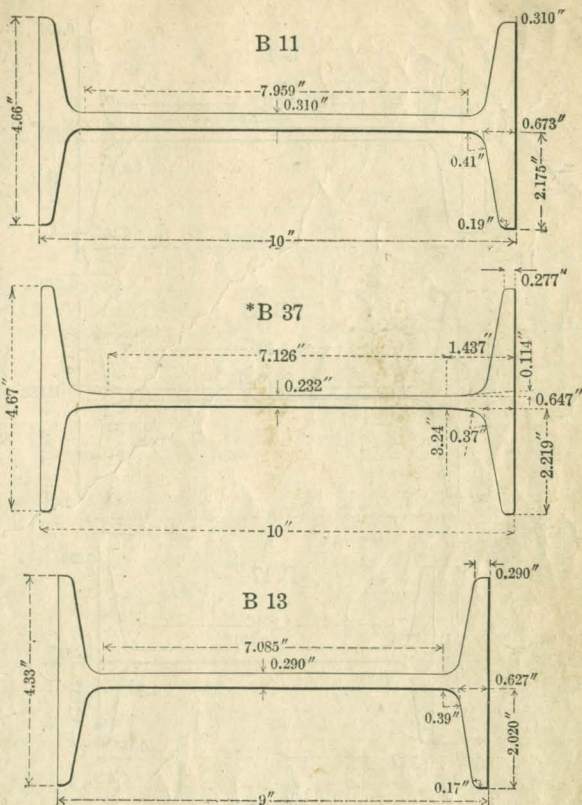


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
*B 35	15	36.0	5.500	5 1/2	0.289	19/64
B 8	12	55.0	5.611	5 39/64	0.821	53/64
		50.0	5.489	5 31/64	0.699	45/64
		45.0	5.366	5 23/64	0.576	37/64
		40.0 <i>40.8</i>	5.250	5 1/4	0.460	29/64
B 9	12	35.0	5.086	5 3/32	0.436	7/16
		31.5 <i>34.8</i>	5.000	5	0.350	11/32
*B 36	12	27.5	5.000	5	0.255	1/4

* Supplementary Beams, furnished only by special arrangement.

BEAMS

STRUCTURAL BEAMS—Continued

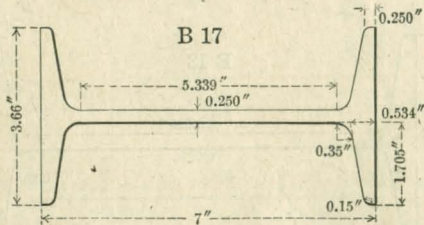
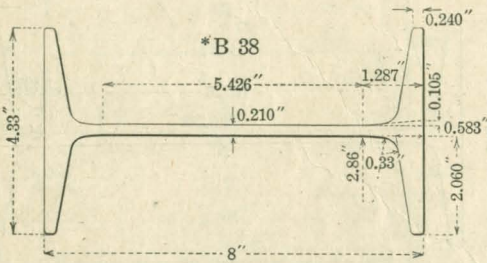
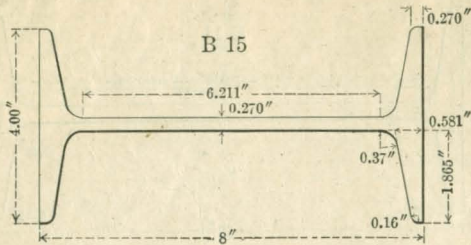


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 11	10	40.0	5.099	5 $\frac{3}{32}$	0.749	$\frac{3}{4}$
		35.0	4.952	4 $\frac{1}{64}$	0.602	$\frac{39}{64}$
		30.0	4.805	4 $\frac{13}{16}$	0.455	$\frac{29}{64}$
		25.0	4.660	4 $\frac{21}{32}$	0.310	$\frac{5}{16}$
*B 37	10	22.0	4.670	4 $\frac{43}{64}$	0.232	$\frac{15}{64}$
		35.0	4.772	4 $\frac{49}{64}$	0.732	$\frac{47}{64}$
B 13	9	30.0	4.609	4 $\frac{39}{64}$	0.569	$\frac{9}{16}$
		25.0	4.446	4 $\frac{29}{64}$	0.406	$\frac{13}{32}$
		21.0	4.330	4 $\frac{21}{64}$	0.290	$\frac{19}{64}$
		21.0	4.330	4 $\frac{21}{64}$	0.290	$\frac{19}{64}$

* Supplementary Beam, furnished only by special arrangement.

CARNEGIE STEEL COMPANY

STRUCTURAL BEAMS—Continued

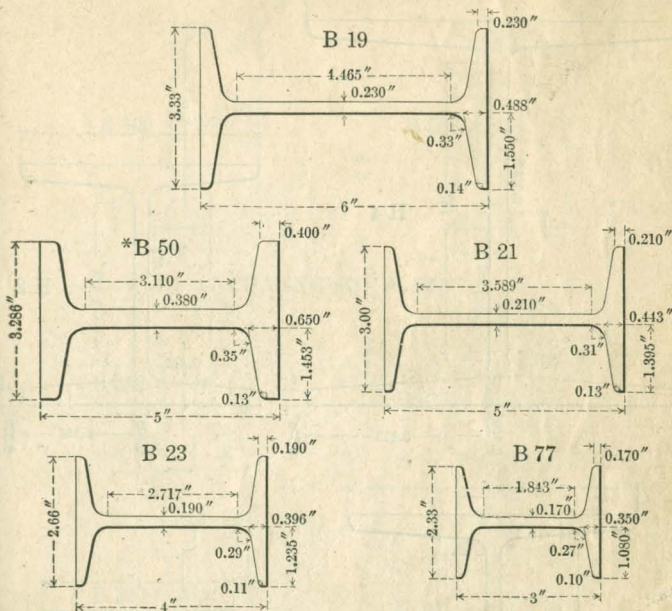


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 15	8	25.5	4.271	$4\frac{17}{64}$	0.541	$\frac{35}{64}$
		23.0	4.179	$4\frac{11}{64}$	0.449	$\frac{29}{64}$
		20.5	4.087	$4\frac{9}{32}$	0.357	$\frac{23}{64}$
		18.0 / 18.4	4.000	4	0.270	$\frac{17}{64}$
*B 38	8	17.5	4.330	$4\frac{21}{64}$	0.210	$\frac{13}{64}$
B 17	7	20.0	3.868	$3\frac{7}{8}$	0.458	$\frac{29}{64}$
		17.5	3.763	$3\frac{49}{64}$	0.353	$\frac{23}{64}$
		15.0 / 15.3	3.660	$3\frac{21}{32}$	0.250	$\frac{1}{4}$

*Supplementary Beam, furnished only by special arrangement.

BEAMS

STRUCTURAL BEAMS—Concluded

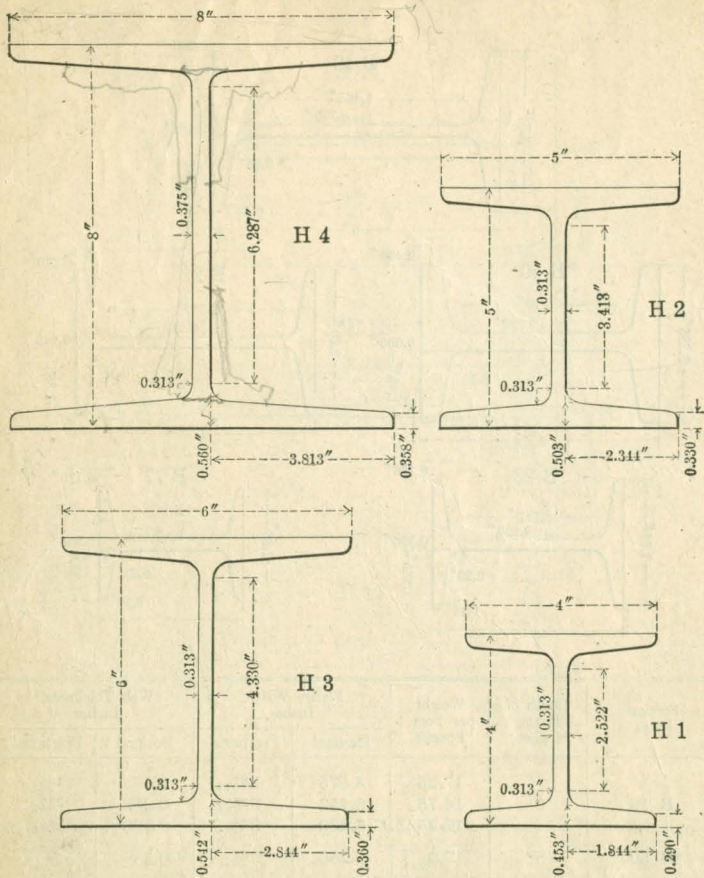


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 19	6	17.25	3.575	$3\frac{37}{64}$	0.475	$1\frac{5}{32}$
		14.75	3.452	$3\frac{29}{64}$	0.352	$2\frac{3}{64}$
		12.25 12.5	3.330	$3\frac{21}{64}$	0.230	$1\frac{5}{64}$
*B 50	5	17.0	3.286	$3\frac{9}{32}$	0.380	$\frac{3}{8}$
		14.75	3.294	$3\frac{19}{64}$	0.504	$\frac{1}{2}$
B 21	5	12.25	3.147	$3\frac{9}{64}$	0.357	$2\frac{3}{64}$
		9.75 10.0	3.000	3	0.210	$1\frac{3}{64}$
		10.5	2.880	$2\frac{7}{8}$	0.410	$1\frac{3}{32}$
B 23	4	9.5	2.807	$2\frac{31}{64}$	0.337	$1\frac{1}{32}$
		8.5	2.733	$2\frac{47}{64}$	0.263	$1\frac{7}{64}$
		7.5 7.7	2.660	$2\frac{21}{32}$	0.190	$3\frac{1}{16}$
		7.5	2.521	$2\frac{33}{64}$	0.361	$2\frac{3}{64}$
B 77	3	6.5	2.423	$2\frac{27}{64}$	0.263	$1\frac{7}{64}$
		5.5 5.7	2.330	$2\frac{21}{64}$	0.170	$1\frac{1}{64}$
		7.5	2.521	$2\frac{33}{64}$	0.361	$2\frac{3}{64}$

*Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

H-BEAMS

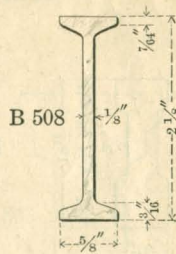
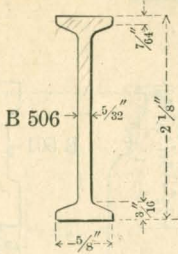


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
H 4	8	34.0	8.000	8	0.375	$\frac{3}{8}$
H 3	6	23.8	6.000	6	0.313	$\frac{5}{16}$
H 2	5	18.7	5.000	5	0.313	$\frac{5}{16}$
H 1	4	13.6	4.000	4	0.313	$\frac{5}{16}$

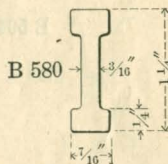
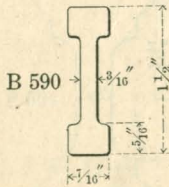
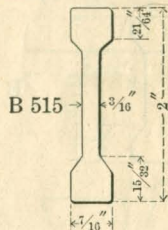
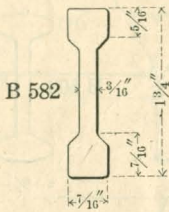
H-Beams shown on this sheet are particularly adapted for use in inside mine timbering. Full information as to their properties and uses is given in separate pamphlets entitled "Steel Mine Timbers."

BEAMS

AGRICULTURAL BEAMS
HARROW BEAMS



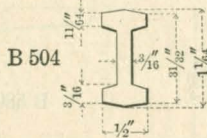
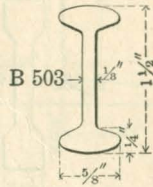
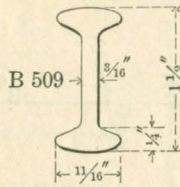
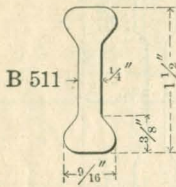
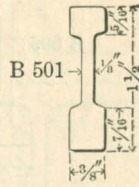
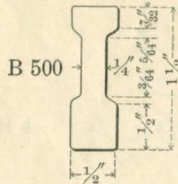
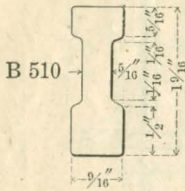
CHANNELED FLATS



Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
B 506	2 1/8	11/16	7/32	2.06
	2 1/8	5/8	5/32	1.61
B 508	2 1/8	11/16	3/16	1.86
	2 1/8	3/8	1/8	1.41
B 582	1 3/4	1/2	1/4	2.12
	1 3/4	7/16	3/16	1.75
B 515	2	9/16	5/16	2.80
	2	1/2	1/4	2.38
	2	7/16	3/16	1.95
B 590	1 1/2	5/8	3/8	2.46
	1 1/2	9/16	5/16	2.14
	1 1/2	1/2	1/4	1.82
	1 1/2	7/16	3/16	1.50
B 580	1 1/4	5/8	3/8	2.03
	1 1/4	9/16	5/16	1.76
	1 1/4	1/2	1/4	1.50
	1 1/4	7/16	3/16	1.23

CARNEGIE STEEL COMPANY

AGRICULTURAL BEAMS—Continued
CULTIVATOR BEAMS

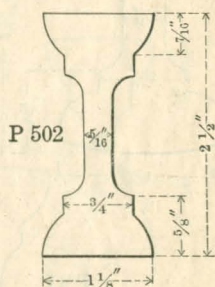
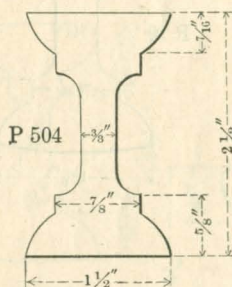
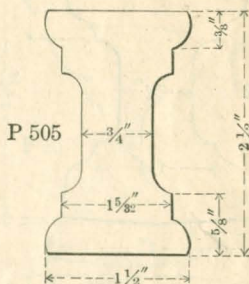
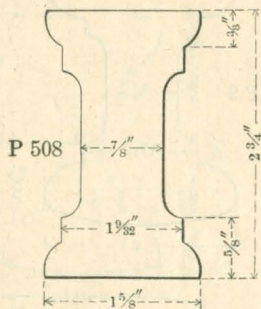


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
B-510	1 9/16	5/8	3/8	2.72
	1 9/16	9/16	5/16	2.39
B 500	1 1/2	5/8	3/8	2.58
	1 1/2	9/16	5/16	2.26
	1 1/2	1/2	1/4	1.94
B 501	1 1/2	9/16	5/16	2.35
	1 1/2	1/2	1/4	2.03
	1 1/2	7/16	3/16	1.71
	1 1/2	3/8	1/8	1.39
B 511	1 1/2	9/16	1/4	1.84
B 509	1 1/2	1 1/16	3/16	1.58
B 503	1 1/2	5/8	1/8	1.26
B 504	1 1/4	1/2	3/16	1.04

BEAMS

AGRICULTURAL BEAMS—Continued

PLOW BEAMS

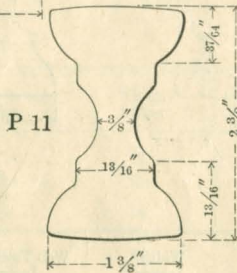
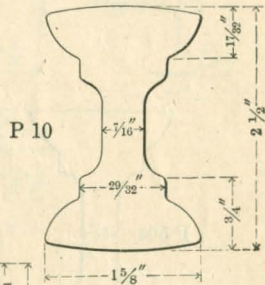
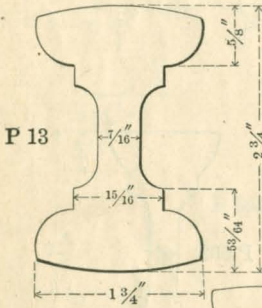
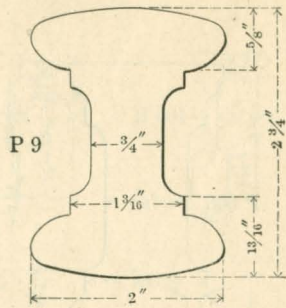
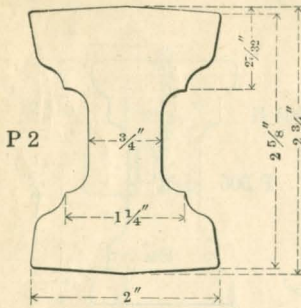


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 508	2 3/4	1 5/8	3/8	10.7
P 505	2 1/2	1 1/2	3/4	9.0
P 504	2 1/2	1 9/16	7/16	7.3
	2 1/2	1 1/2	3/8	6.8
P 502	2 1/2	1 1/4	7/16	6.5
	2 1/2	1 3/16	3/8	6.0
	2 1/2	1 1/8	5/16	5.5

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AGRICULTURAL BEAMS—Continued

PLOW BEAMS—Continued

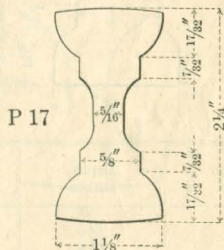
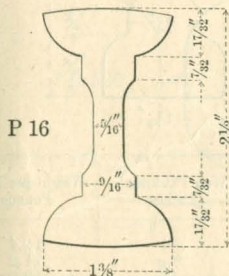
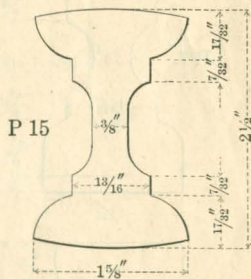
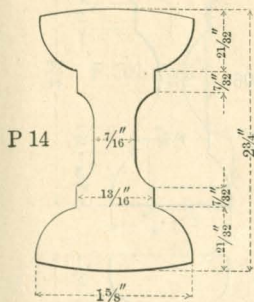


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 2	2 3/4	2	3/4	12.8
P 9	2 3/4	2	3/4	12.0
P 13	2 3/4	1 3/4	7/16	9.6
P 10	2 1/2	1 5/8	7/16	8.0
P 11	2 3/8	1 3/8	3/8	7.3

BEAMS

AGRICULTURAL BEAMS—Continued

PLOW BEAMS—Continued

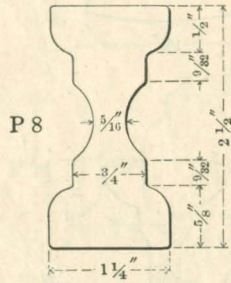
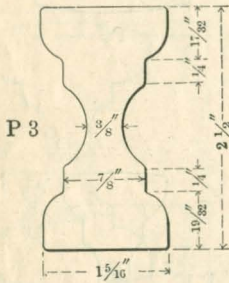
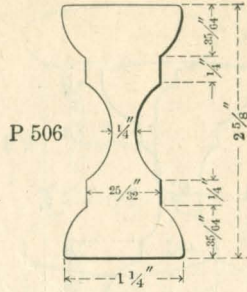
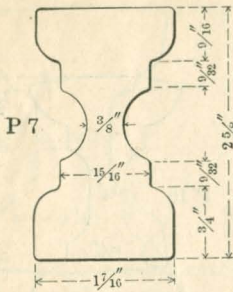


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 14	2 3/4	1 3/4 1 3/8	7/16 7/16	10.3 9.2
P 15	2 1/2	1 3/4 1 3/8	1/2 3/8	8.7 7.6
P 16	2 1/2	1 1/2 1 3/8	7/16 5/16	7.0 6.0
P 17	2 1/4	1 1/4 1 1/8	7/16 5/16	6.4 5.4

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AGRICULTURAL BEAMS—Continued

PLOW BEAMS—Continued

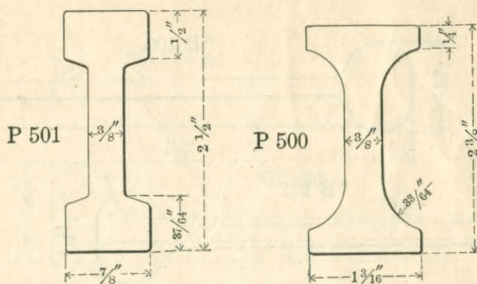


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 7	2 5/8	1 11/16	5/8	11.7
	2 5/8	1 5/8	9/16	11.2
	2 5/8	1 9/16	1/2	10.6
	2 5/8	1 1/2	7/16	10.1
	2 5/8	1 7/16	3/8	9.5
P 506	2 5/8	1 9/16	9/16	9.6
	2 5/8	1 1/2	1/2	9.1
	2 5/8	1 7/16	7/16	8.5
	2 5/8	1 3/8	3/8	8.0
	2 5/8	1 5/16	5/16	7.4
	2 5/8	1 1/4	1/4	6.9
P 3	2 1/2	1 11/16	3/4	11.3
	2 1/2	1 5/8	11/16	10.8
	2 1/2	1 9/16	5/8	10.2
	2 1/2	1 1/2	9/16	9.7
	2 1/2	1 7/16	1/2	9.2
	2 1/2	1 3/8	7/16	8.6
	2 1/2	1 5/16	3/8	8.1
P 8	2 1/2	1 7/16	1/2	8.8
	2 1/2	1 3/8	7/16	8.3
	2 1/2	1 5/16	3/8	7.8
	2 1/2	1 1/4	5/16	7.3

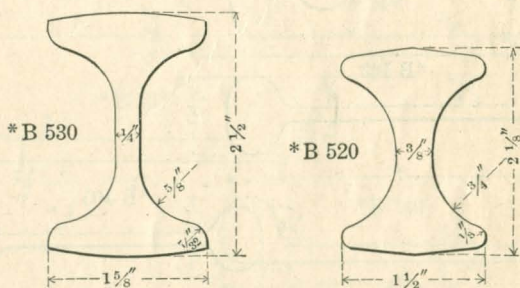
BEAMS

AGRICULTURAL BEAMS—Concluded

PLOW BEAMS—Concluded



AXLE BEAMS

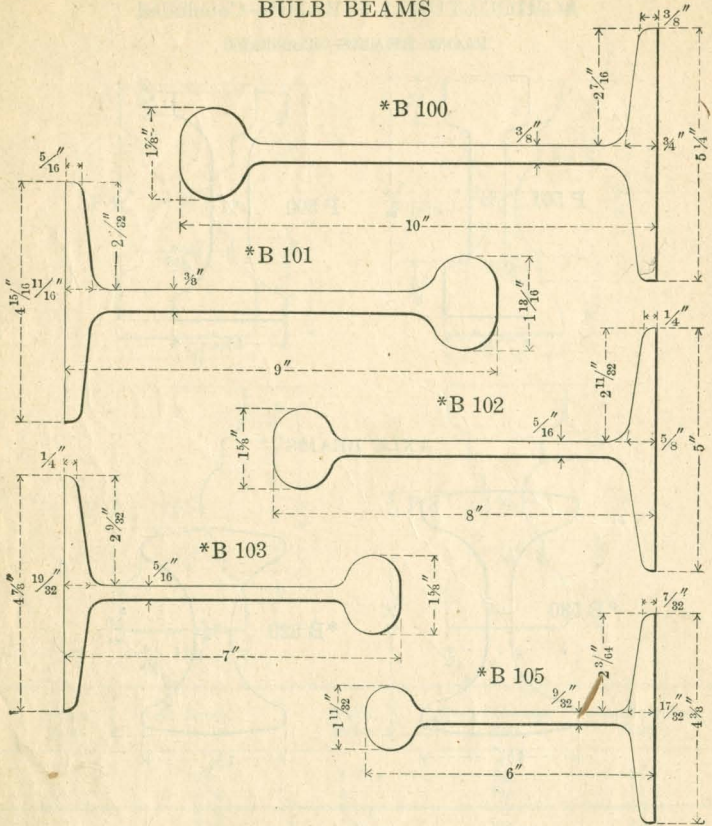


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 501	2 1/2	1 1/4	3/4	8.2
	2 1/2	1 3/16	11/16	7.7
	2 1/2	1 1/8	5/8	7.2
	2 1/2	1 1/4	9/16	6.6
	2 1/2	1	1/2	6.1
	2 1/2	15/16	7/16	5.6
	2 1/2	7/8	3/8	5.0
P 500	2 3/8	1 5/16	1/2	6.2
	2 3/8	1 1/4	7/16	5.7
	2 3/8	1 3/16	3/8	5.2
*B 530	2 1/2	1 5/8	1/4	6.1
*B 520	2 1/8	1 1/2	3/8	5.9

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BULB BEAMS

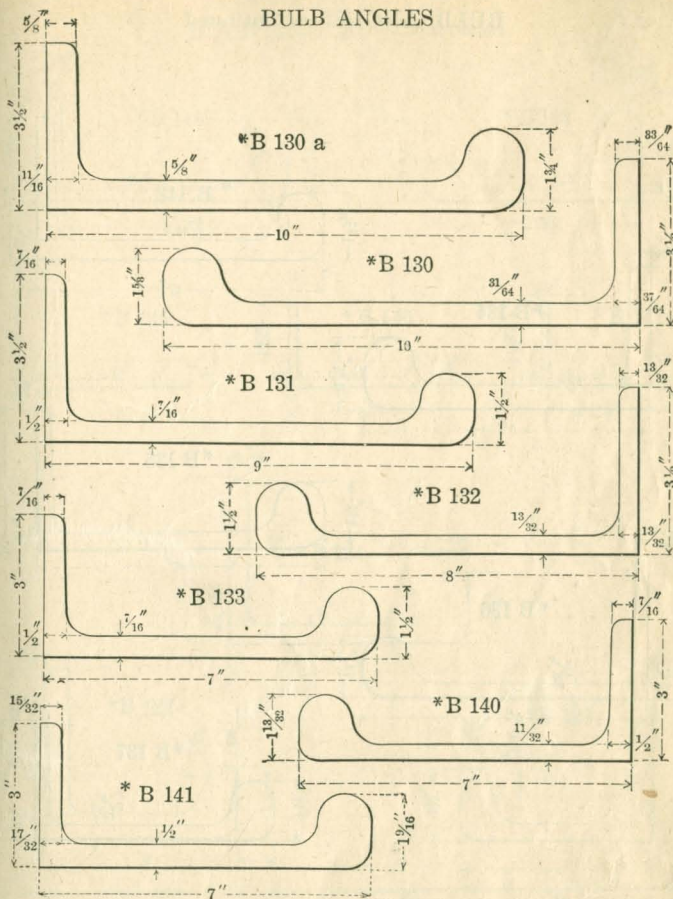


Section Index	Depth, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness Inches	
			Decimal	Fractional	Decimal	Fractional
*B 100	10	36.6	5.500	5 1/8	0.625	5/8
		28.1	5.250	5 1/4	0.375	3/8
*B 101	9	30.1	5.125	5 1/8	0.563	9/16
		24.3	4.938	4 13/16	0.375	3/8
*B 102	8	24.2	5.156	5 5/8	0.469	15/32
		20.0	5.000	5	0.313	5/16
*B 103	7	23.3	5.094	5 3/8	0.531	17/32
		18.1	4.875	4 7/8	0.313	5/16
*B 105	6	17.2	4.524	4 17/32	0.430	7/16
		14.0	4.375	4 3/8	0.281	9/32

* Furnished only by special arrangement.

BULB SECTIONS

BULB ANGLES

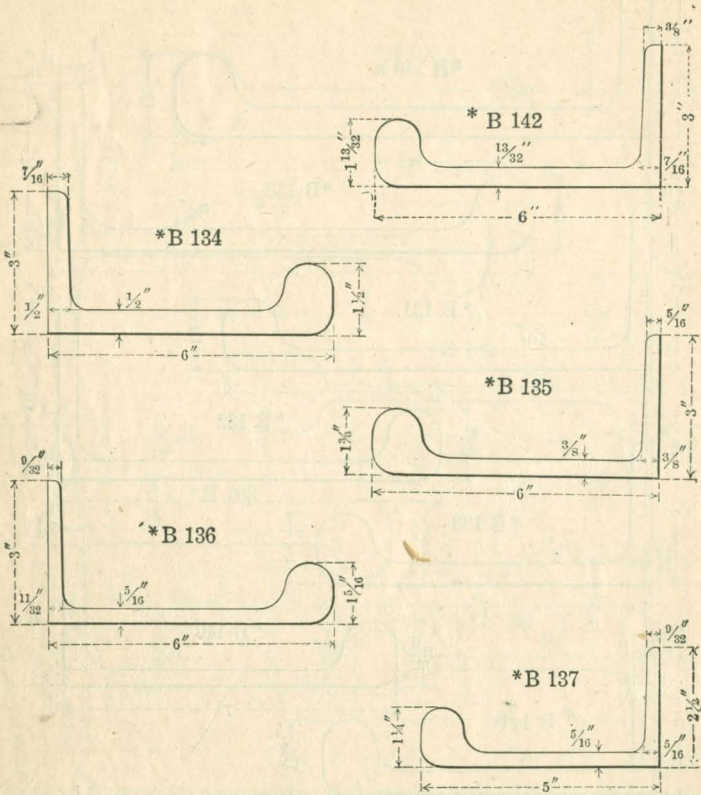


Section Index	Depth, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
*B 130a	10	32.0	3.500	3 1/2	0.625	5/8
*B 130	10	26.6	3.500	3 1/2	0.484	31/64
*B 131	9	21.8	3.500	3 1/2	0.438	7/16
*B 132	8	19.3	3.500	3 1/2	0.406	13/32
*B 141	7	20.0	3.000	3	0.500	1/2
*B 133	7	18.3	3.000	3	0.438	7/16
*B 140	7	16.1	3.000	3	0.344	11/32

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BULB ANGLES—Continued

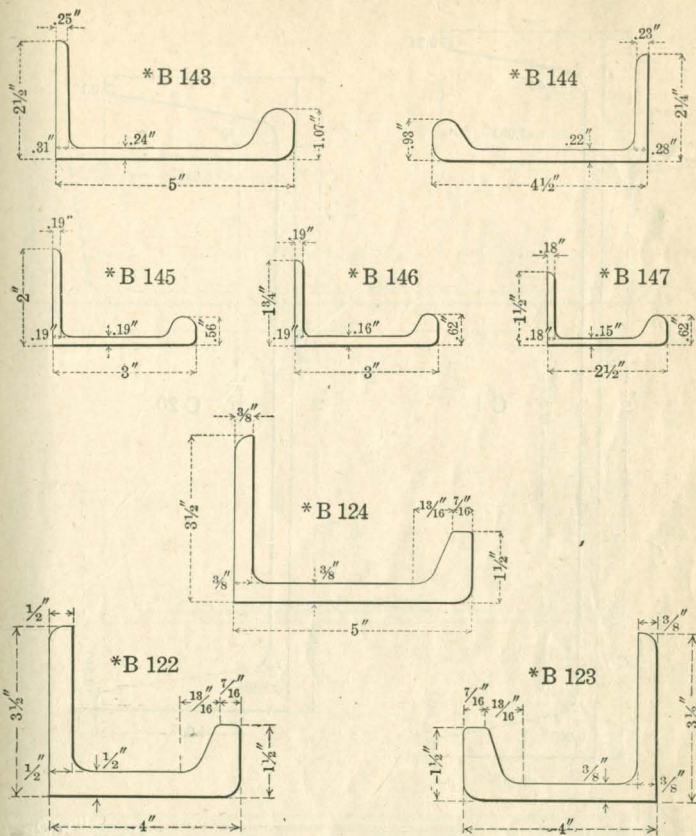


Section Index	Depth, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
*B 134	6	17.3	3.000	3	0.500	$\frac{1}{2}$
*B 142	6	15.0	3.000	3	0.406	$1\frac{13}{32}$
*B 135	6	13.8	3.000	3	0.375	$\frac{3}{8}$
*B 136	6	12.4	3.000	3	0.313	$\frac{5}{16}$
*B 137	5	10.0	2.500	$2\frac{1}{2}$	0.313	$\frac{5}{16}$

*Furnished only by special arrangement.

BULB SECTIONS

BULB ANGLES—Concluded

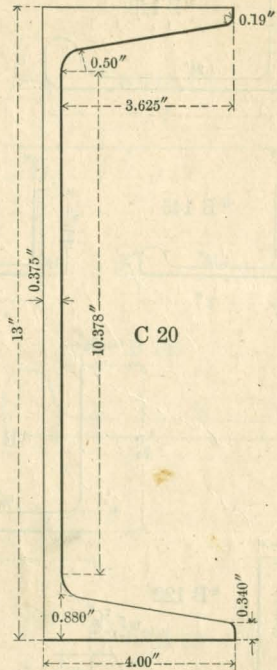
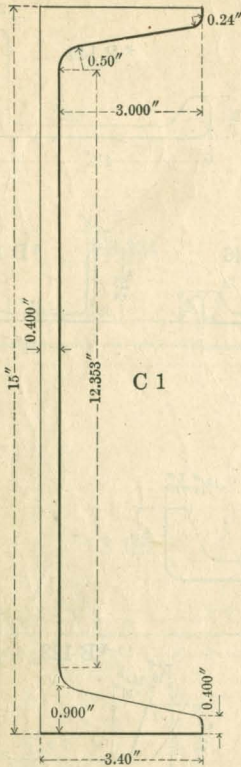


Section Index	Depth, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
*B 143	5	8.3	2.500	2 1/2	0.240	1/4
*B 144	4 1/2	6.7	2.250	2 1/4	0.220	7/32
*B 145	3	3.60	2.000	2	0.190	3/16
*B 146	3	3.25	1.750	1 3/4	0.160	5/32
*B 147	2 1/2	2.66	1.500	1 1/2	0.150	5/32
*B 124	5	13.2	3.500	3 1/2	0.375	3/8
*B 122	4	14.3	3.500	3 1/2	0.500	1/2
*B 123	4	11.9	3.500	3 1/2	0.375	3/8

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CARNEGIE STEEL COMPANY

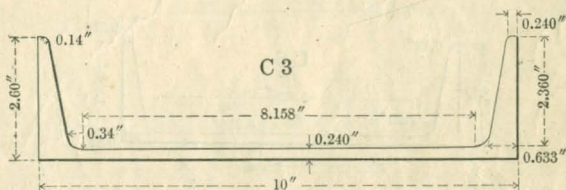
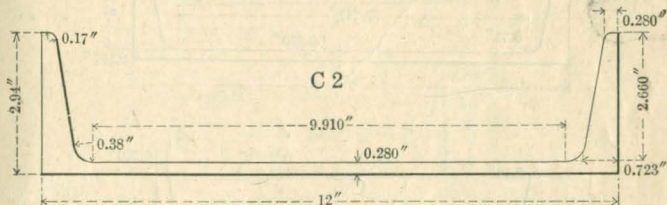
STRUCTURAL CHANNELS



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 1	15	55.0	3.818	$3\frac{13}{16}$	0.818	$\frac{13}{16}$
		50.0	3.720	$3\frac{23}{32}$	0.720	$\frac{23}{32}$
		45.0	3.622	$3\frac{5}{8}$	0.622	$\frac{5}{8}$
		40.0	3.524	$3\frac{17}{32}$	0.524	$\frac{17}{32}$
		35.0	3.426	$3\frac{27}{64}$	0.426	$\frac{27}{64}$
		33.0	3.400	$3\frac{13}{32}$	0.400	$\frac{13}{32}$
		33.9				
C 20	13	55.0	4.529	$4\frac{17}{32}$	0.904	$\frac{29}{32}$
		50.0	4.416	$4\frac{27}{64}$	0.791	$\frac{51}{64}$
		45.0	4.303	$4\frac{19}{64}$	0.678	$\frac{43}{64}$
		40.0	4.190	$4\frac{3}{16}$	0.565	$\frac{9}{16}$
		37.0	4.122	$4\frac{1}{8}$	0.497	$\frac{1}{2}$
		35.0	4.077	$4\frac{5}{64}$	0.452	$\frac{29}{64}$
		32.0	4.000	4	0.375	$\frac{3}{8}$

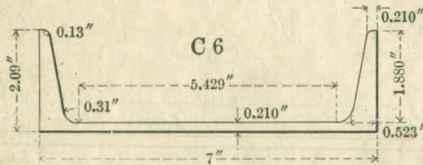
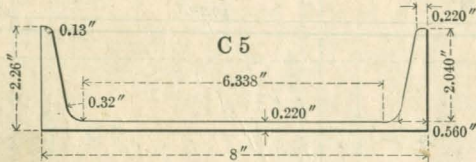
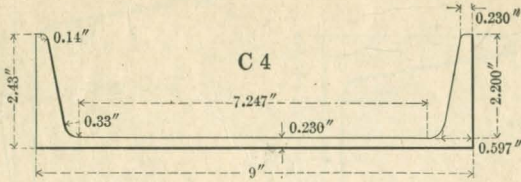
CHANNELS

STRUCTURAL CHANNELS—Continued



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 2	12	40.0	3.418	$3\frac{27}{64}$	0.758	$\frac{49}{64}$
		35.0	3.296	$3\frac{19}{64}$	0.636	$\frac{41}{64}$
		30.0	3.173	$3\frac{11}{64}$	0.513	$\frac{33}{64}$
		25.0	3.050	$3\frac{3}{64}$	0.390	$\frac{25}{64}$
		20.5 20.7	2.940	$2\frac{15}{16}$	0.280	$\frac{9}{32}$
C 3	10	35.0	3.183	$3\frac{3}{16}$	0.823	$\frac{53}{64}$
		30.0	3.036	$3\frac{1}{32}$	0.676	$\frac{43}{64}$
		25.0	2.889	$2\frac{57}{64}$	0.529	$\frac{17}{32}$
		20.0	2.742	$2\frac{47}{64}$	0.382	$\frac{3}{8}$
		15.0 15.3	2.600	$2\frac{19}{32}$	0.240	$\frac{1}{16}$

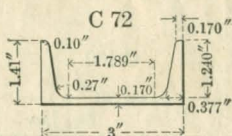
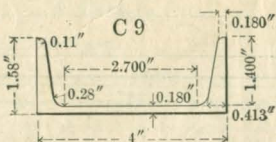
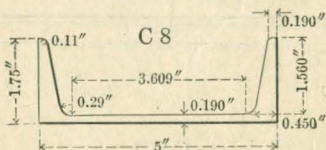
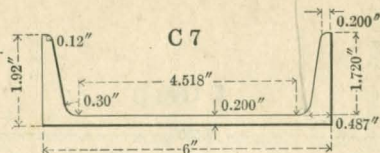
STRUCTURAL CHANNELS—Continued



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 4	9	25.0	2.815	2 13/16	0.615	39/64
		20.0	2.652	2 21/32	0.452	29/64
		15.0	2.488	2 31/64	0.288	9/32
		13.25	2.430	2 7/16	0.230	15/64
		21.25	2.622	2 5/8	0.582	37/64
C 5	8	18.75	2.530	2 17/32	0.490	31/64
		16.25	2.439	2 7/16	0.399	13/32
		13.75	2.347	2 11/32	0.307	5/16
		11.25	2.260	2 17/64	0.220	7/32
		19.75	2.513	2 33/64	0.633	41/64
C 6	7	17.25	2.408	2 13/32	0.528	17/32
		14.75	2.303	2 19/64	0.423	27/64
		12.25	2.198	2 13/64	0.318	5/16
		9.75	2.090	2 3/32	0.210	13/64

CHANNELS

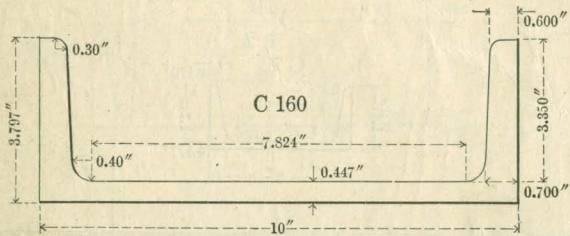
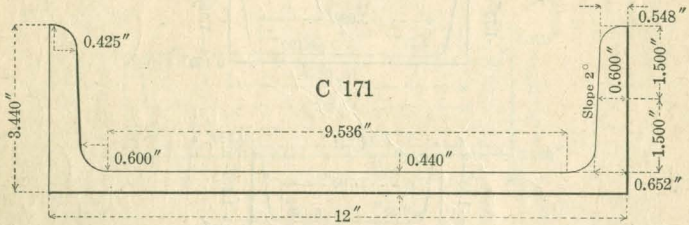
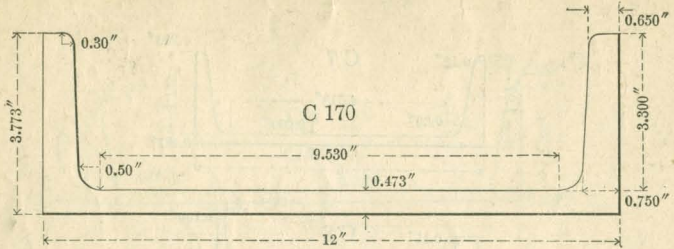
STRUCTURAL CHANNELS—Concluded



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 7	6	15.5	2.283	2 ⁹ / ₃₂	0.563	⁹ / ₁₆
		13.0	2.160	2 ⁵ / ₃₂	0.440	⁷ / ₁₆
		10.5	2.038	2 ¹ / ₃₂	0.318	⁵ / ₁₆
		8.0	1.920	1 ⁵⁹ / ₆₄	0.200	1 ³ / ₆₄
C 8	5	11.5	2.037	2 ¹ / ₃₂	0.477	3 ¹ / ₆₄
		9.0	1.890	1 ⁵⁷ / ₆₄	0.330	2 ¹ / ₆₄
		6.5	1.750	1 ³ / ₄	0.190	³ / ₁₆
C 9	4	7.25	1.725	1 ²³ / ₃₂	0.325	2 ¹ / ₆₄
		6.25	1.652	1 ²¹ / ₃₂	0.252	¹ / ₄
		5.25	1.580	1 ³⁷ / ₆₄	0.180	³ / ₁₆
C 72	3	6.0	1.602	1 ³⁹ / ₆₄	0.362	2 ³ / ₆₄
		5.0	1.504	1 ¹ / ₂	0.264	1 ⁷ / ₆₄
		4.0	1.410	1 ¹³ / ₃₂	0.170	1 ¹ / ₆₄

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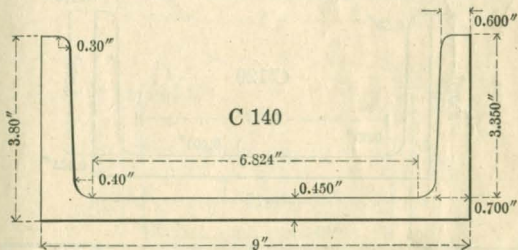
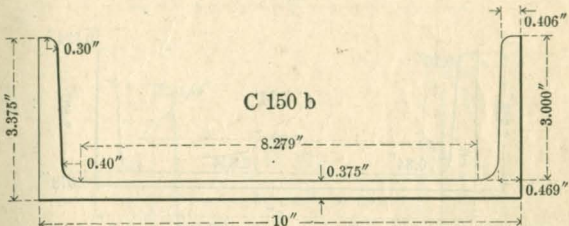
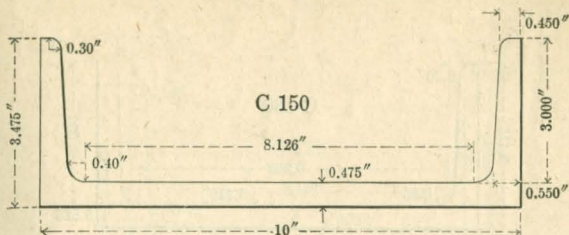
SHIP BUILDING CHANNELS



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 170	12	50.0	4.140	4 ⁹ / ₆₄	0.840	27 ³ / ₃₂
		48.4	4.100	4 ³ / ₃₂	0.800	51 ¹ / ₆₄
		46.3	4.050	4 ³ / ₆₄	0.750	3 ³ / ₄
		44.3	4.000	4	0.700	45 ⁵ / ₆₄
		40.0	3.895	3 ⁵⁷ / ₆₄	0.595	19 ³ / ₃₂
		35.0	3.773	3 ⁴⁹ / ₆₄	0.473	15 ³ / ₃₂
C 171	12	40.8	3.700	3 ⁴⁵ / ₆₄	0.700	45 ⁵ / ₆₄
		37.2	3.610	3 ³⁹ / ₆₄	0.610	39 ³ / ₆₄
		32.7	3.500	3 ¹ / ₂	0.500	1 ¹ / ₂
		30.2	3.440	3 ⁷ / ₁₆	0.440	7 ¹ / ₆
C 160	10	40.0	4.091	4 ³ / ₃₂	0.741	47 ¹ / ₆₄
		36.9	4.000	4	0.650	21 ¹ / ₃₂
		34.4	3.925	3 ⁵⁹ / ₆₄	0.575	37 ¹ / ₆₄
		31.8	3.850	3 ²⁷ / ₃₂	0.500	1 ¹ / ₂
		30.0	3.797	3 ⁵¹ / ₆₄	0.447	29 ³ / ₆₄

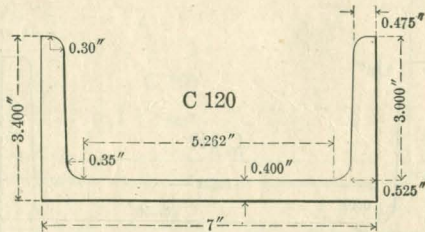
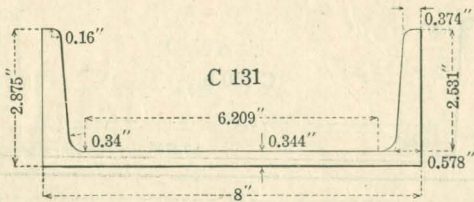
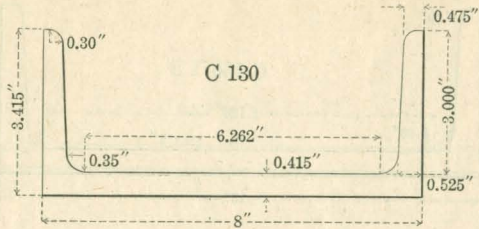
CHANNELS

SHIP BUILDING CHANNELS—Continued



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 150.	10	33.2	3.675	$3\frac{43}{64}$	0.675	$\frac{43}{64}$
		30.6	3.600	$3\frac{19}{32}$	0.600	$\frac{19}{32}$
		28.9	3.550	$3\frac{25}{64}$	0.550	$\frac{25}{64}$
		27.2	3.500	$3\frac{1}{2}$	0.500	$\frac{1}{2}$
		26.4	3.475	$3\frac{15}{32}$	0.475	$\frac{15}{32}$
C 150b	10	28.5	3.575	$3\frac{37}{64}$	0.575	$\frac{37}{64}$
		26.0	3.500	$3\frac{1}{2}$	0.500	$\frac{1}{2}$
		24.3	3.450	$3\frac{29}{64}$	0.450	$\frac{29}{64}$
		22.6	3.400	$3\frac{13}{32}$	0.400	$\frac{13}{32}$
		21.7	3.375	$3\frac{3}{8}$	0.375	$\frac{3}{8}$
C 140	9	35.5	4.025	$4\frac{1}{32}$	0.675	$\frac{43}{64}$
		34.7	4.000	4	0.650	$\frac{21}{32}$
		31.7	3.900	$3\frac{29}{32}$	0.550	$\frac{29}{64}$
		28.6	3.800	$3\frac{51}{64}$	0.450	$\frac{29}{64}$

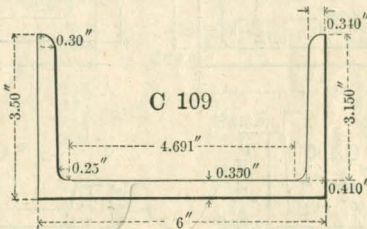
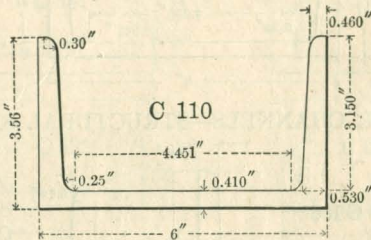
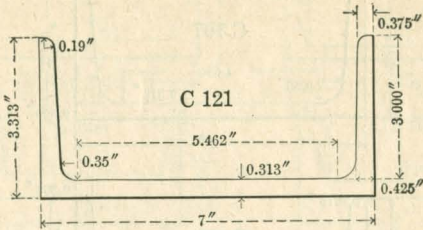
SHIP BUILDING CHANNELS—Continued



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 130	8	27.2	3.625	3 5/8	0.625	5/8
		26.5	3.600	3 19/32	0.600	19/32
		25.2	3.550	3 35/64	0.550	35/64
		23.8	3.500	3 1/2	0.500	1/2
		21.5	3.415	3 27/64	0.415	27/64
C 131	8	21.0	3.000	3	0.469	15/32
		17.6	2.875	2 7/8	0.344	11/32
		24.5	3.600	3 19/32	0.600	19/32
C 120	7	23.3	3.550	3 35/64	0.550	35/64
		22.1	3.500	3 1/2	0.500	1/2
		20.9	3.450	3 29/64	0.450	29/64
		19.7	3.400	3 13/32	0.400	13/32

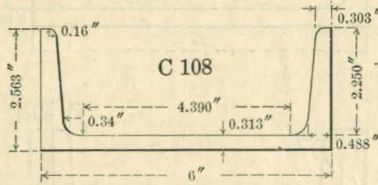
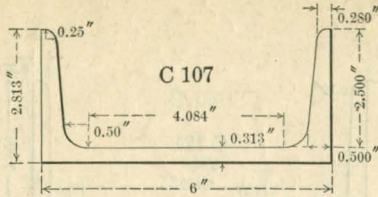
CHANNELS

SHIP BUILDING CHANNELS—Continued

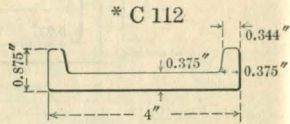
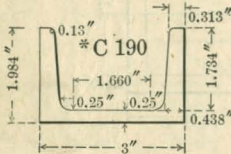
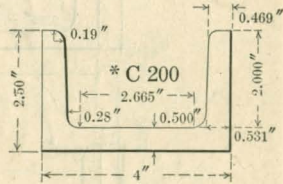
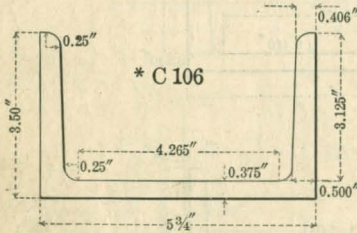


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 121	7	21.9	3.575	$3\frac{37}{64}$	0.575	$\frac{37}{64}$
		18.6	3.438	$3\frac{7}{16}$	0.438	$\frac{7}{16}$
		16.5	3.350	$3\frac{11}{32}$	0.350	$\frac{11}{32}$
		15.6	3.313	$3\frac{5}{16}$	0.313	$\frac{5}{16}$
C 110	6	21.5	3.685	$3\frac{11}{16}$	0.535	$\frac{17}{32}$
		19.0	3.560	$3\frac{9}{16}$	0.410	$\frac{13}{32}$
C 109	6	15.0	3.500	$3\frac{1}{2}$	0.350	$\frac{11}{32}$

SHIP BUILDING CHANNELS—Concluded



CAR CHANNELS—STRUCTURAL SIZES

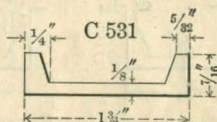
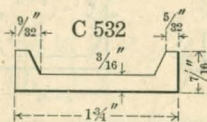
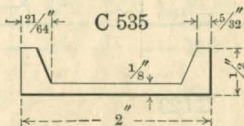
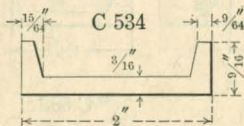
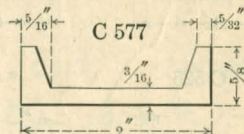
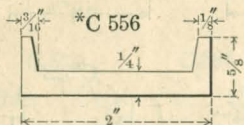
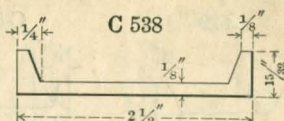
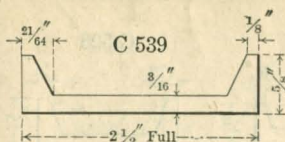


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 107	6	18.1	3.063	3 1/16	0.563	9/16
			2.813	2 13/16	0.313	5/16
C 108	6	17.0	2.781	2 25/32	0.531	17/32
			2.563	2 9/16	0.313	5/16
*C 106	5 3/4	17.0	3.500	3 1/2	0.375	3/8
*C 200	4	13.6	2.500	2 1/2	0.500	1/2
*C 190	3	7.1	1.984	1 63/64	0.250	1/4
*C 112	4	6.4	0.875	7/8	0.375	3/8

* Furnished only by special arrangement.

CHANNELS

CHANNELS—BAR MILL SIZES

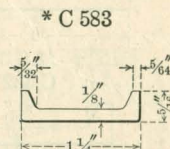
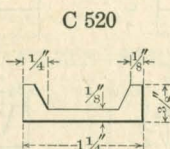
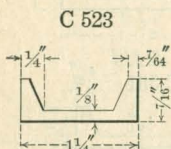
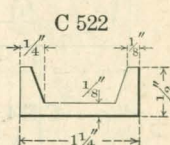
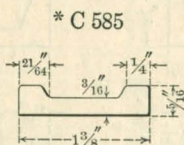
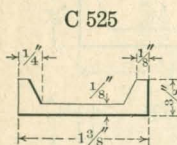
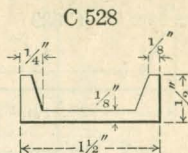
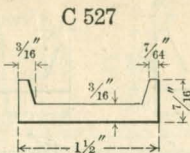
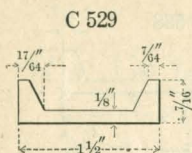


Section Index	Depth, Inches	Flange Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
C 539	2 1/2	13/16	3/8	3.87
	2 1/2	3/4	5/16	3.33
	2 1/2	11/16	1/4	2.80
	2 1/2	5/8	3/16	2.27
	Full			
C 538	2 1/2	1/2	5/32	1.77
	2 1/2	15/32	1/8	1.50
*C 556	2	3/8	1/4	2.10
C 577	2	11/16	1/4	2.40
	2	5/8	3/16	1.98
C 534	2	5/8	1/4	2.18
	2	9/16	3/16	1.76
C 535	2	11/16	5/16	2.75
	2	5/8	1/4	2.32
	2	9/16	3/16	1.90
	2	1/2	1/8	1.47
C 532	1 3/4	9/16	5/16	2.24
	1 3/4	1/2	1/4	1.86
	1 3/4	7/16	3/16	1.49
C 531	1 3/4	9/16	1/4	1.92
	1 3/4	1/2	3/16	1.55
	1 3/4	7/16	1/8	1.18

* Furnished only by special arrangement.

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CHANNELS—BAR MILL SIZES—Continued

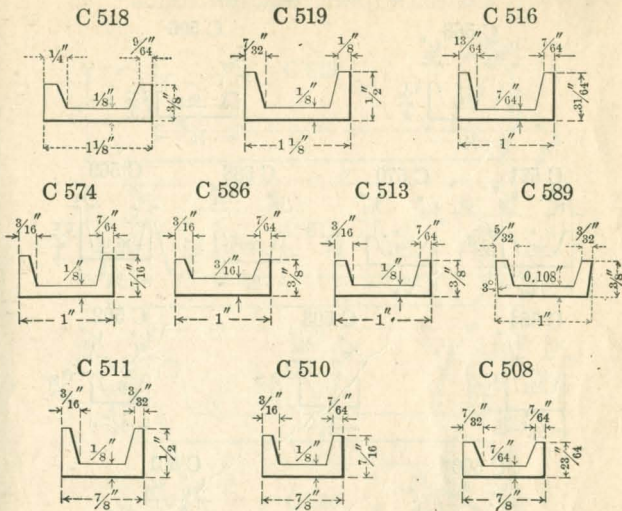


Section Index	Depth, Inches	Flange Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
C 529	1 1/2	9/16	1/4	1.68
	1 1/2	1/2	3/16	1.36
	1 1/2	7/16	1/8	1.05
C 527	1 1/2	1/2	1/4	1.53
	1 1/2	7/16	3/16	1.21
C 528	1 1/2	5/8	1/4	1.76
	1 1/2	9/16	3/16	1.44
	1 1/2	1/2	1/8	1.12
C 525	1 3/8	1/2	1/4	1.49
	1 3/8	7/16	3/16	1.20
	1 3/8	3/8	1/8	0.91
*C 585	1 3/8	5/16	3/16	1.13
C 522	1 1/4	5/8	1/4	1.54
	1 1/4	9/16	3/16	1.28
	1 1/4	1/2	1/8	1.01
C 523	1 1/4	9/16	1/4	1.45
	1 1/4	1/2	3/16	1.18
	1 1/4	7/16	1/8	0.92
C 520	1 1/4	1/2	1/4	1.39
	1 1/4	7/16	3/16	1.12
	1 1/4	3/8	1/8	0.85
*C 583	1 1/4	5/16	1/8	0.68

*Furnished only by special arrangement.

CHANNELS

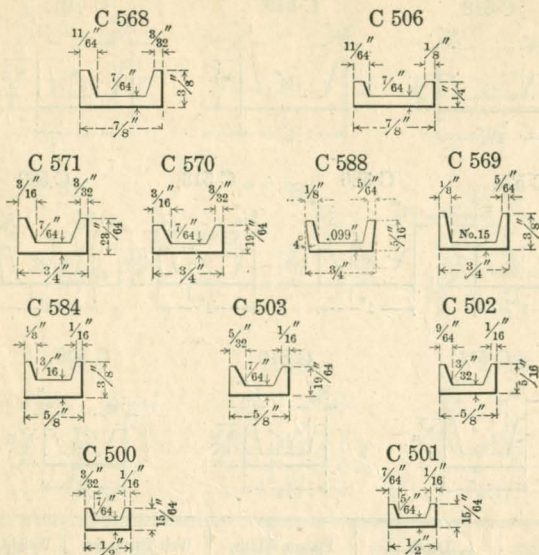
CHANNELS—BAR MILL SIZES—Continued



Section Index	Depth, Inches	Flange Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
C 518	1 1/8	1/2	1/4	1.29
	1 1/8	7/16	3/16	1.05
	1 1/8	3/8	1/8	0.81
C 519	1 1/8	9/16	3/16	1.16
	1 1/8	1/2	1/8	0.92
C 516	1	9/16	3/16	1.04
	1	1/2	1/8	0.83
	1	3 1/64	7/64	0.77
C 574	1	1/2	3/16	0.95
	1	7/16	1/8	0.75
C 586	1	3/8	3/16	0.83
	1	1/2	1/8	0.68
C 513	1	1/2	1/4	1.10
	1	7/16	3/16	0.89
	1	3/8	1/8	0.68
C 589	1	3/8	.108	0.60
	1	3/8	3/16	0.92
C 511	7/8	9/16	3/16	0.92
	7/8	1/2	1/8	0.73
	7/8	1/2	1/8	0.73
C 510	7/8	9/16	1/4	1.06
	7/8	1/2	3/16	0.88
	7/8	7/16	1/8	0.69
C 508	7/8	7/16	3/16	0.84
	7/8	3/8	1/8	0.65
	7/8	23/64	7/64	0.61

CARNEGIE STEEL COMPANY

CHANNELS—BAR MILL SIZES—Continued

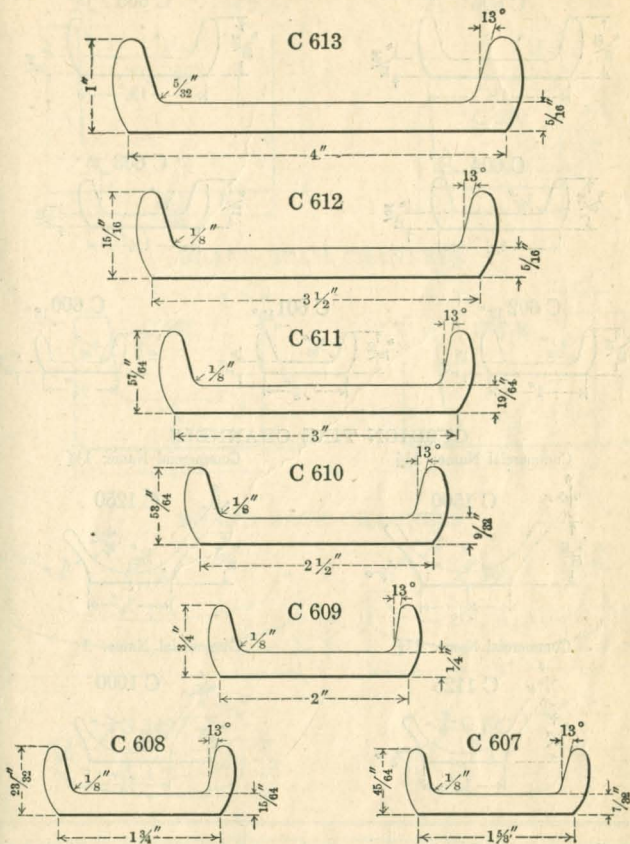


Section Index	Depth, Inches	Flange Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
C 568	7/8	3/8	7/64	0.57
C 506	7/8	1/4	7/64	0.47
C 571	3/4 3/4	3/8 23/64	7/64	0.56 0.52
C 570	3/4 3/4	5/16 19/64	7/64	0.50 0.46
C 588	3/4	5/16	.099	0.40
C 569	3/4	3/8	No. 15 B. W. G.	0.40
C 584	5/8	3/8	3/16	0.52
C 503	5/8 5/8	1/4 19/64	7/64	0.41 0.38
C 502	5/8	1/4	3/32	0.35
C 500	1/2 1/2	1/4 15/64	7/64	0.28 0.26
C 501	1/2 1/2	1/4 15/64	3/32 5/64	0.25 0.23

CHANNELS

CHANNELS—BAR MILL SIZES—Continued

SOLID RUBBER TIRE CHANNELS

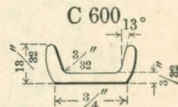
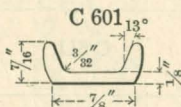
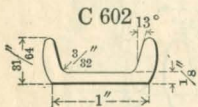
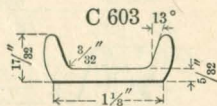
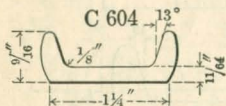
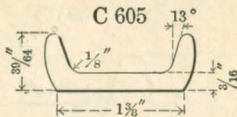
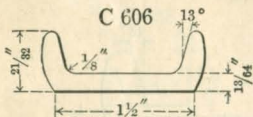


Section Index	Base, Inches	Depth, Inches	Web Thickness, Inches	Weight per Foot, Pounds
C 613	4	1	5/16	6.7
C 612	3 1/2	15/16	5/16	5.4
C 611	3	57/64	19/64	4.3
C 610	2 1/2	53/64	9/32	3.60
C 609	2	3/4	1/4	2.70
C 608	1 3/4	23/32	15/64	2.20
C 607	1 5/8	45/64	7/32	2.00

CARNEGIE STEEL COMPANY

CHANNELS—BAR MILL SIZES—Continued

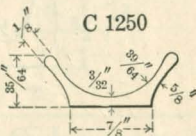
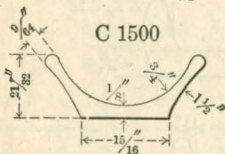
CRIB RUBBER TIRE CHANNELS—Concluded



CUSHION TIRE CHANNELS

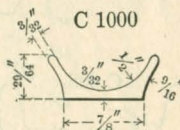
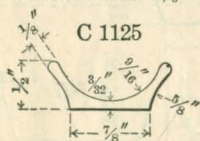
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Commercial Name: 1 1/4



Commercial Name: 1 1/8

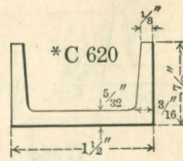
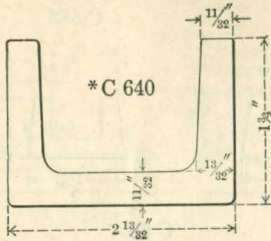
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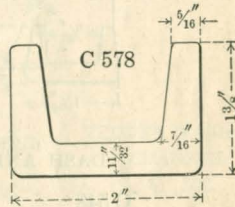
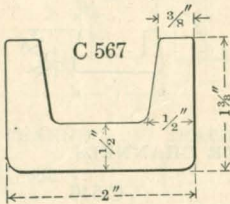
Section Index	Base, Inches	Depth, Inches	Web Thickness, Inches	Weight per Foot, Pounds
C 606	1 1/2	21/32	13/64	1.80
C 605	1 3/8	30/64	3/16	1.50
C 604	1 1/4	9/16	11/64	1.20
C 603	1 1/8	17/32	5/32	1.00
C 602	1	31/64	1/8	0.79
C 601	7/8	7/16	1/8	0.67
C 600	3/4	13/32	3/32	0.51
C 1500	15 1/16	21/32	1/8	1.11
C 1250	7/8	30/64	3/32	0.80
C 1125	7/8	1/2	3/32	0.75
C 1000	7/8	20/64	3/32	0.68

CHANNELS

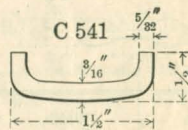
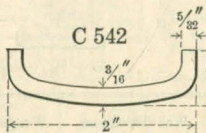
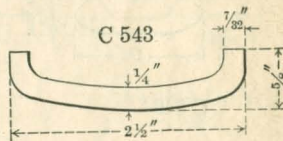
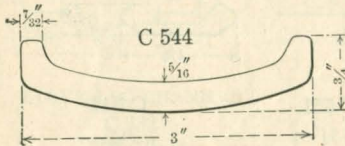
CHANNELS—BAR MILL SIZES—Continued
MISCELLANEOUS CHANNELS



BRAKE BEAM CHANNELS



ROUND BACK CHANNELS



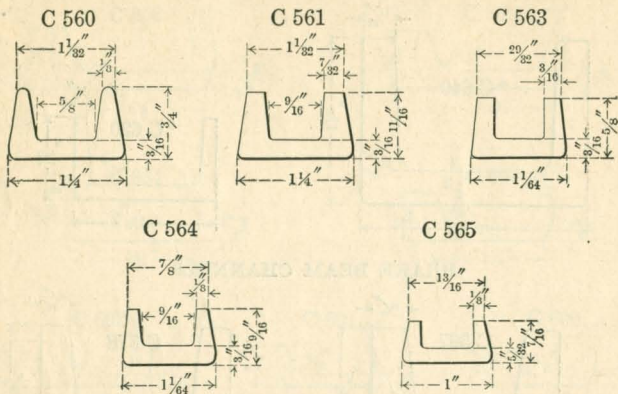
Section Index	Depth, Inches	Flange Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
*C 640	2 13/32	1 3/4	11/32	6.4
*C 620	1 1/2	7/8	5/32	1.57
C 567	2	1 3/8	1/2	6.0
C 578	2	1 3/8	11/32	5.0
C 544	3	3/4	5/16	3.65
C 543	2 1/2	5/8	1/4	2.40
C 542	2	9/16	3/16	1.67
C 541	1 1/2	1/2	3/16	1.33

* Furnished only by special arrangement.

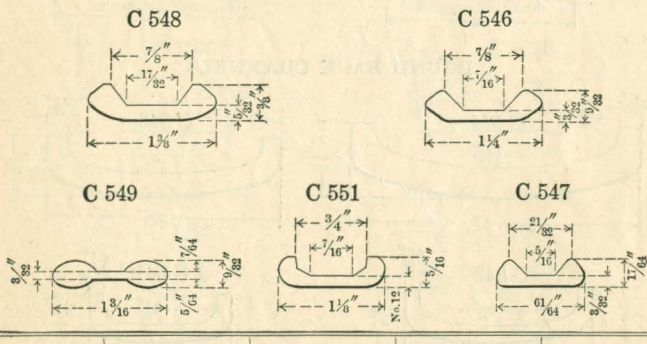
CARNEGIE STEEL COMPANY

CHANNELS—BAR MILL SIZES—Continued

HARROW CHANNELS



DASH AND FENDER CHANNELS

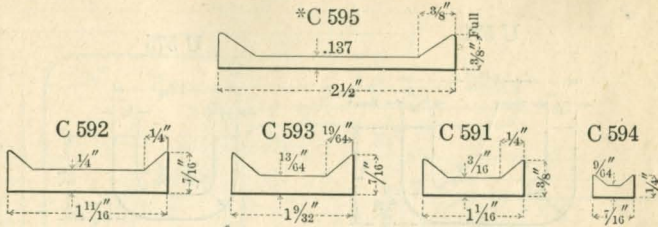


Section Index	Width, Inches	Depth, Inches	Web Thickness, Inches	Weight per Foot, Pounds
C 560	$1\frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{16}$	1.56
C 561	$1\frac{1}{4}$	$1\frac{1}{16}$	$\frac{3}{16}$	1.68
C 563	$1\frac{1}{64}$	$\frac{9}{8}$	$\frac{3}{16}$	1.26
C 564	$1\frac{1}{64}$	$\frac{5}{8}$	$\frac{3}{16}$	1.05
C 565	1	$\frac{5}{8}$	$\frac{5}{32}$	0.82
C 548	$1\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{32}$	1.10
C 546	$1\frac{1}{4}$	$\frac{9}{32}$	$\frac{3}{32}$	0.68
C 549	$1\frac{3}{16}$	$\frac{5}{16}$	$\frac{3}{32}$	0.78
C 551	$1\frac{1}{8}$	$\frac{5}{16}$	No. 12 B. W. G.	0.65
C 547	$1\frac{1}{64}$	$1\frac{1}{64}$	$\frac{3}{32}$	0.54

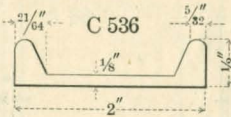
CHANNELS

CHANNELS—BAR MILL SIZES—Concluded

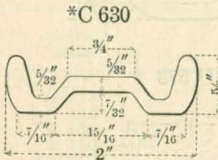
SHARP TOE CHANNELS



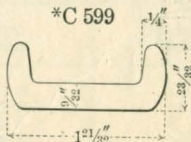
ROUND TOE CHANNEL



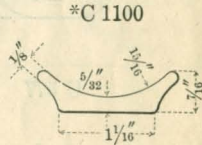
TIRE CHANNEL



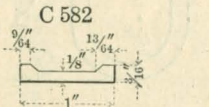
HARROW CHANNEL



TEDDER WASHER CHANNEL



STOVE LEG CHANNEL



RAKE CHANNEL



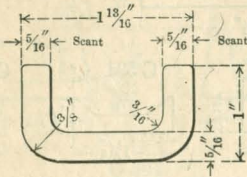
Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
*C 595	2 1/2	3/8 full	.137	1.47
C 592	1 11/16	7/16	1/4	1.60
C 593	1 9/32	7/16	13/64	1.13
C 591	1 1/16	3/8	3/16	0.84
C 594	7/16	1/4	9/64	0.29
C 536	2	5/8	1/4	2.25
	2	9/16	3/16	1.83
	2	1/2	1/8	1.40
*C 630	2	5/8	5/32	1.70
*C 599	1 21/32	2 3/32	9/32	2.10
*C 1100	1 1/16	7/16	5/32	1.00
C 582	1	3/16	3/8	0.50
*C 587	4 1/64	9/32	9/64	0.35

*Furnished only by special arrangement.

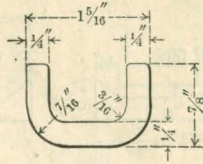
CARNEGIE STEEL COMPANY

U-BARS

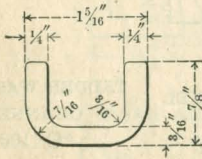
U 571



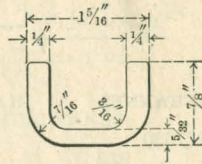
U 575



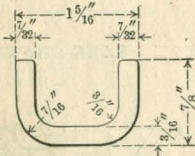
U 576



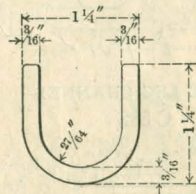
U 579



U 577



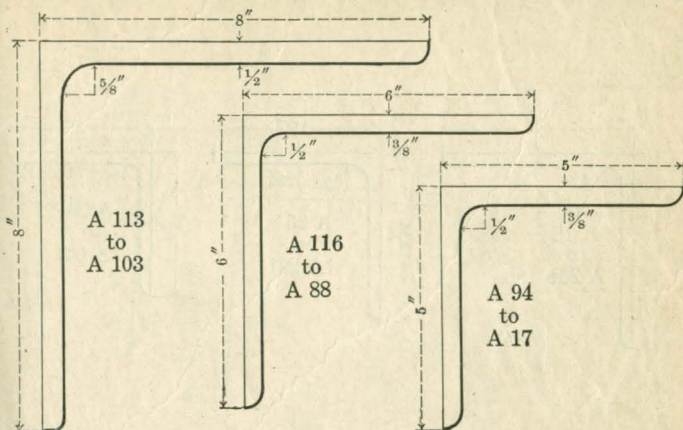
U 573



Section Index	Width, Inches	Flange Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
U 571	1 13/16	1	5/16	3.23
U 575	1 5/16	3/8	1/4	1.95
U 576	1 5/16	15/16	1/4	2.15
	1 5/16	3/8	3/16	1.78
U 579	1 5/16	3/8	5/32	1.69
U 577	1 5/16	3/8	3/16	1.63
U 573	1 1/4	1 1/4	3/16	1.85

ANGLES

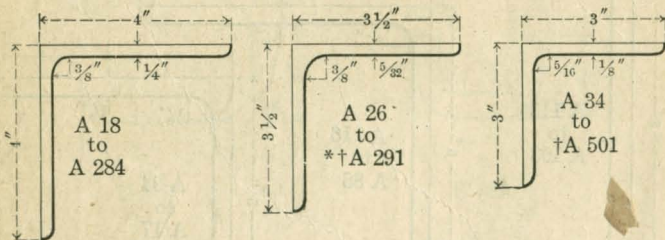
EQUAL ANGLES—STRUCTURAL SIZES



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 113	8 x 8	1 1/8	56.9
A 112	8 x 8	1 1/16	54.0
A 111	8 x 8	1	51.0
A 110	8 x 8	15/16	48.1
A 109	8 x 8	7/8	45.0
A 108	8 x 8	13/16	42.0
A 107	8 x 8	3/4	38.9
A 106	8 x 8	11/16	35.8
A 105	8 x 8	5/8	32.7
A 104	8 x 8	9/16	29.6
A 103	8 x 8	1/2	26.4
A 116	6 x 6	1 1/16	39.6
A 86	6 x 6	1	37.4
A 87	6 x 6	15/16	35.3
A 1	6 x 6	7/8	33.1
A 2	6 x 6	13/16	31.0
A 3	6 x 6	3/4	28.7
A 4	6 x 6	11/16	26.5
A 5	6 x 6	5/8	24.2
A 6	6 x 6	9/16	21.9
A 7	6 x 6	1/2	19.6
A 8	6 x 6	7/16	17.2
A 88	6 x 6	3/8	14.9
A 94	5 x 5	1	30.6
A 95	5 x 5	15/16	28.9
A 9	5 x 5	7/8	27.2
A 10	5 x 5	13/16	25.4
A 11	5 x 5	3/4	23.6
A 12	5 x 5	11/16	21.8
A 13	5 x 5	5/8	20.0
A 14	5 x 5	9/16	18.1
A 15	5 x 5	1/2	16.2
A 16	5 x 5	7/16	14.3
A 17	5 x 5	3/8	12.3

CARNEGIE STEEL COMPANY

EQUAL ANGLES—STRUCTURAL SIZES—Concluded

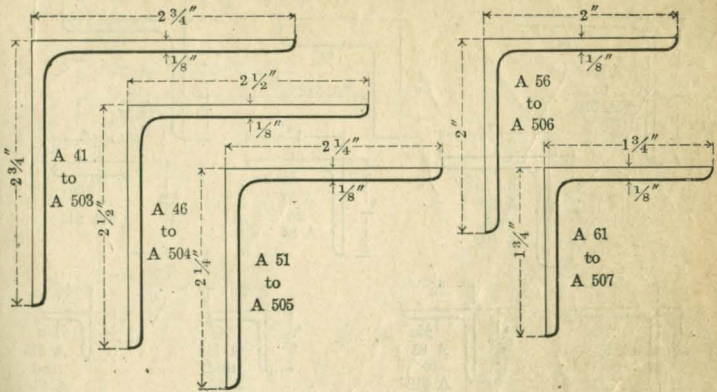


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 18	4 x 4	3 ¹ / ₈	19.9
A 19	4 x 4	3 ³ / ₄	18.5
A 20	4 x 4	11 ¹ / ₁₆	17.1
A 21	4 x 4	5 ⁵ / ₈	15.7
A 22	4 x 4	9 ¹ / ₁₆	14.3
A 23	4 x 4	1 ¹ / ₂	12.8
A 24	4 x 4	7 ¹ / ₁₆	11.3
A 25	4 x 4	3 ³ / ₈	9.8
A 90	4 x 4	5 ¹ / ₄	8.2
A 284	4 x 4	1 ¹ / ₄	6.6
A 26	3 1/2 x 3 1/2	3 ¹ / ₈	17.1
A 27	3 1/2 x 3 1/2	3 ³ / ₄	16.0
A 28	3 1/2 x 3 1/2	11 ¹ / ₁₆	14.8
A 29	3 1/2 x 3 1/2	5 ⁵ / ₈	13.6
A 30	3 1/2 x 3 1/2	9 ¹ / ₁₆	12.4
A 31	3 1/2 x 3 1/2	1 ¹ / ₂	11.1
A 32	3 1/2 x 3 1/2	7 ¹ / ₁₆	9.8
A 33	3 1/2 x 3 1/2	3 ³ / ₈	8.5
A 99	3 1/2 x 3 1/2	5 ¹ / ₁₆	7.2
A 285	3 1/2 x 3 1/2	1 ¹ / ₄	5.8
*†A 288	3 1/2 x 3 1/2	3 ¹ / ₁₆	4.4
*†A 291	3 1/2 x 3 1/2	5 ⁵ / ₃₂	3.64
A 34	3 x 3	5 ⁵ / ₈	11.5
A 35	3 x 3	9 ¹ / ₁₆	10.4
A 36	3 x 3	1 ¹ / ₂	9.4
A 37	3 x 3	7 ¹ / ₁₆	8.3
A 38	3 x 3	3 ³ / ₈	7.2
A 39	3 x 3	5 ¹ / ₁₆	6.1
A 40	3 x 3	1 ¹ / ₄	4.9
†A 500	3 x 3	3 ¹ / ₁₆	3.71
†A 501	3 x 3	1 ¹ / ₈	2.50

* Furnished only by special arrangement.
 † Bar mill sizes.

ANGLES

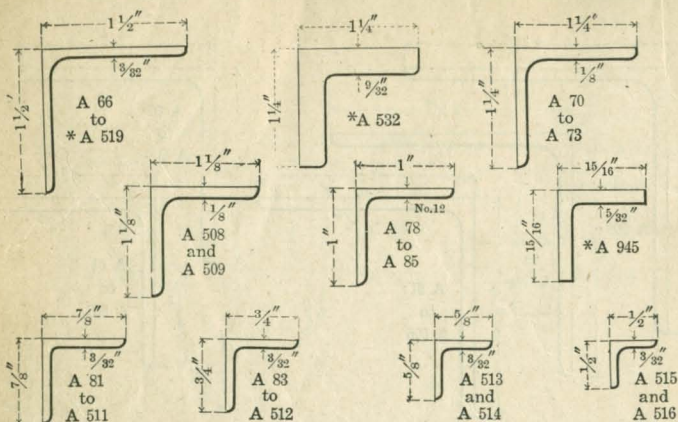
EQUAL ANGLES—BAR MILL SIZES



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 41	2 3/4 x 2 3/4	1/2	8.5
A 42	2 3/4 x 2 3/4	7/16	7.6
A 43	2 3/4 x 2 3/4	3/8	6.6
A 44	2 3/4 x 2 3/4	5/16	5.6
A 45	2 3/4 x 2 3/4	1/4	4.5
A 502	2 3/4 x 2 3/4	3/16	3.39
A 503	2 3/4 x 2 3/4	1/8	2.29
A 46	2 1/2 x 2 1/2	1/2	7.7
A 47	2 1/2 x 2 1/2	7/16	6.8
A 48	2 1/2 x 2 1/2	3/8	5.9
A 49	2 1/2 x 2 1/2	5/16	5.0
A 50	2 1/2 x 2 1/2	1/4	4.1
A 100	2 1/2 x 2 1/2	3/16	3.07
A 504	2 1/2 x 2 1/2	1/8	2.08
A 51	2 1/4 x 2 1/4	1/2	6.8
A 52	2 1/4 x 2 1/4	7/16	6.1
A 53	2 1/4 x 2 1/4	3/8	5.3
A 54	2 1/4 x 2 1/4	5/16	4.5
A 55	2 1/4 x 2 1/4	1/4	3.62
A 101	2 1/4 x 2 1/4	3/16	2.75
A 505	2 1/4 x 2 1/4	1/8	1.86
A 56	2 x 2	7/16	5.3
A 57	2 x 2	3/8	4.7
A 58	2 x 2	5/16	3.92
A 59	2 x 2	1/4	3.19
A 60	2 x 2	3/16	2.44
A 506	2 x 2	1/8	1.65
A 61	1 3/4 x 1 3/4	7/16	4.6
A 62	1 3/4 x 1 3/4	3/8	3.99
A 63	1 3/4 x 1 3/4	5/16	3.39
A 64	1 3/4 x 1 3/4	1/4	2.77
A 65	1 3/4 x 1 3/4	3/16	2.12
A 507	1 3/4 x 1 3/4	1/8	1.44

CARNEGIE STEEL COMPANY

EQUAL ANGLES—BAR MILL SIZES—Concluded

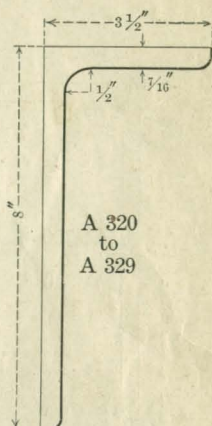
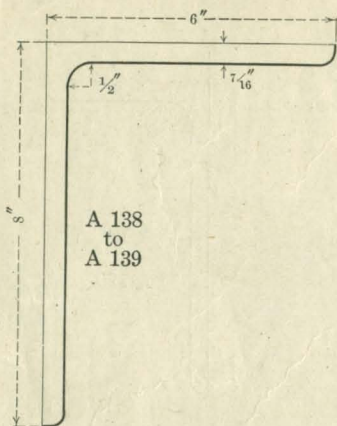


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 66	1 1/2 x 1 1/2	3/8	3.35
A 67	1 1/2 x 1 1/2	5/16	2.86
A 68	1 1/2 x 1 1/2	1/4	2.34
A 69	1 1/2 x 1 1/2	3/16	1.80
A 102	1 1/2 x 1 1/2	1/8	1.23
*A 519	1 1/2 x 1 1/2	3/32	0.93
*A 532	1 1/4 x 1 1/4	9/32	2.13
A 70	1 1/4 x 1 1/4	5/16	2.33
A 71	1 1/4 x 1 1/4	1/4	1.92
A 72	1 1/4 x 1 1/4	3/16	1.48
A 73	1 1/4 x 1 1/4	1/8	1.01
A 508	1 1/8 x 1 1/8	3/16	1.32
A 509	1 1/8 x 1 1/8	1/8	0.91
A 78	1 x 1	1/4	1.49
A 79	1 x 1	3/16	1.16
A 80	1 x 1	1/8	0.80
A 85	1 x 1	No. 12 B. W. G.	0.71
*A 945	1 5/16 x 1 5/16	5/32	0.91
A 81	7/8 x 7/8	3/16	1.00
A 82	7/8 x 7/8	1/8	0.70
A 511	7/8 x 7/8	3/32	0.53
A 83	3/4 x 3/4	3/16	0.84
A 84	3/4 x 3/4	1/8	0.59
A 512	3/4 x 3/4	3/32	0.45
A 513	5/8 x 5/8	1/8	0.48
A 514	5/8 x 5/8	3/32	0.37
A 515	1/2 x 1/2	1/8	0.38
A 516	1/2 x 1/2	3/32	0.29

*Furnished only by special arrangement.

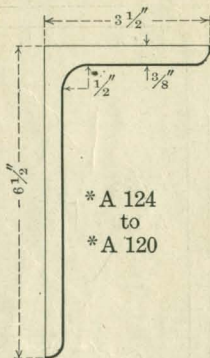
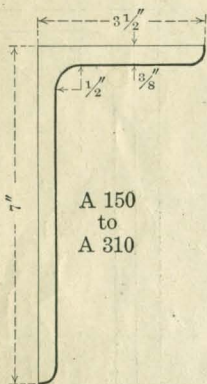
ANGLES

UNEQUAL ANGLES—STRUCTURAL SIZES



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 138	8 x 6	1	44.2
A 137	8 x 6	15/16	41.7
A 136	8 x 6	7/8	39.1
A 135	8 x 6	13/16	36.5
A 134	8 x 6	3/4	33.8
A 133	8 x 6	11/16	31.2
A 132	8 x 6	5/8	28.5
A 131	8 x 6	9/16	25.7
A 130	8 x 6	1/2	23.0
A 139	8 x 6	7/16	20.2
A 320	8 x 3 1/2	1	35.7
A 321	8 x 3 1/2	15/16	33.7
A 322	8 x 3 1/2	7/8	31.7
A 323	8 x 3 1/2	13/16	29.6
A 324	8 x 3 1/2	3/4	27.5
A 325	8 x 3 1/2	11/16	25.3
A 326	8 x 3 1/2	5/8	23.2
A 327	8 x 3 1/2	9/16	21.0
A 328	8 x 3 1/2	1/2	18.7
A 329	8 x 3 1/2	7/16	16.5

UNEQUAL ANGLES—STRUCTURAL SIZES—Continued

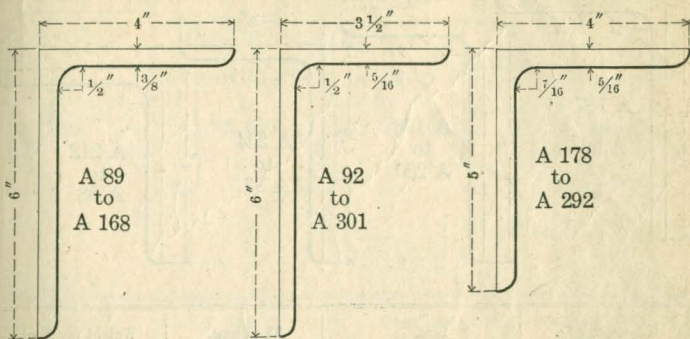


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 150	7 x 3 1/2	1	32.3
A 151	7 x 3 1/2	15/16	30.5
A 152	7 x 3 1/2	7/8	28.7
A 153	7 x 3 1/2	13/16	26.8
A 154	7 x 3 1/2	3/4	24.9
A 155	7 x 3 1/2	11/16	23.0
A 156	7 x 3 1/2	5/8	21.0
A 157	7 x 3 1/2	9/16	19.1
A 158	7 x 3 1/2	1/2	17.0
A 159	7 x 3 1/2	7/16	15.0
A 310	7 x 3 1/2	3/8	13.0
*A 124	6 1/2 x 3 1/2	5/8	20.0
*A 123	6 1/2 x 3 1/2	9/16	18.1
*A 122	6 1/2 x 3 1/2	1/2	16.2
*A 121	6 1/2 x 3 1/2	7/16	14.3
*A 120	6 1/2 x 3 1/2	3/8	12.3

* Furnished only by special arrangement.

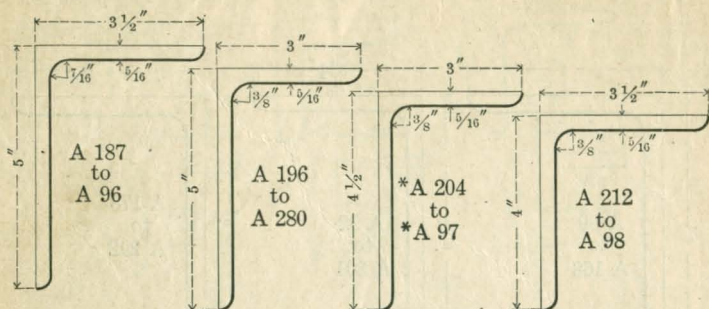
ANGLES

UNEQUAL ANGLES—STRUCTURAL SIZES—Continued



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 89	6 x 4	1	30.6
A 91	6 x 4	15/16	28.9
A 160	6 x 4	7/8	27.2
A 161	6 x 4	13/16	25.4
A 162	6 x 4	3/4	23.6
A 163	6 x 4	11/16	21.8
A 164	6 x 4	5/8	20.0
A 165	6 x 4	9/16	18.1
A 166	6 x 4	1/2	16.2
A 167	6 x 4	7/16	14.3
A 168	6 x 4	3/8	12.3
A 92	6 x 3 1/2	1	28.9
A 93	6 x 3 1/2	15/16	27.3
A 169	6 x 3 1/2	7/8	25.7
A 170	6 x 3 1/2	13/16	24.0
A 171	6 x 3 1/2	3/4	22.4
A 172	6 x 3 1/2	11/16	20.6
A 173	6 x 3 1/2	5/8	18.9
A 174	6 x 3 1/2	9/16	17.1
A 175	6 x 3 1/2	1/2	15.3
A 176	6 x 3 1/2	7/16	13.5
A 177	6 x 3 1/2	3/8	11.7
A 301	6 x 3 1/2	5/16	9.8
A 178	5 x 4	7/8	24.2
A 179	5 x 4	13/16	22.7
A 180	5 x 4	3/4	21.1
A 181	5 x 4	11/16	19.5
A 182	5 x 4	5/8	17.8
A 183	5 x 4	9/16	16.2
A 184	5 x 4	1/2	14.5
A 185	5 x 4	7/16	12.8
A 186	5 x 4	3/8	11.0
A 292	5 x 4	5/16	9.3

UNEQUAL ANGLES—STRUCTURAL SIZES—Continued

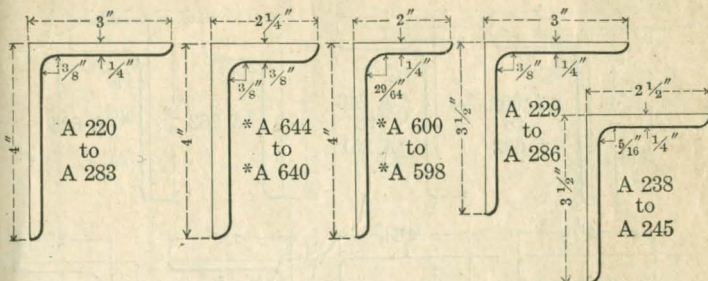


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 187	5 x 3 1/2	7/8	22.7
A 188	5 x 3 1/2	13/16	21.3
A 189	5 x 3 1/2	3/4	19.8
A 190	5 x 3 1/2	11/16	18.3
A 191	5 x 3 1/2	5/8	16.8
A 192	5 x 3 1/2	9/16	15.2
A 193	5 x 3 1/2	1/2	13.6
A 194	5 x 3 1/2	7/16	12.0
A 195	5 x 3 1/2	3/8	10.4
A 96	5 x 3 1/2	5/16	8.7
A 196	5 x 3	13/16	19.9
A 197	5 x 3	3/4	18.5
A 198	5 x 3	11/16	17.1
A 199	5 x 3	5/8	15.7
A 200	5 x 3	9/16	14.3
A 201	5 x 3	1/2	12.8
A 202	5 x 3	7/16	11.3
A 203	5 x 3	3/8	9.8
A 280	5 x 3	5/16	8.2
*A 204	4 1/2 x 3	13/16	18.5
*A 205	4 1/2 x 3	3/4	17.3
*A 206	4 1/2 x 3	11/16	16.0
*A 207	4 1/2 x 3	5/8	14.7
*A 208	4 1/2 x 3	9/16	13.3
*A 209	4 1/2 x 3	1/2	11.9
*A 210	4 1/2 x 3	7/16	10.6
*A 211	4 1/2 x 3	3/8	9.1
*A 97	4 1/2 x 3	5/16	7.7
A 212	4 x 3 1/2	13/16	18.5
A 213	4 x 3 1/2	3/4	17.3
A 214	4 x 3 1/2	11/16	16.0
A 215	4 x 3 1/2	5/8	14.7
A 216	4 x 3 1/2	9/16	13.3
A 217	4 x 3 1/2	1/2	11.9
A 218	4 x 3 1/2	7/16	10.6
A 219	4 x 3 1/2	3/8	9.1
A 98	4 x 3 1/2	5/16	7.7

*Furnished only by special arrangement.

ANGLES

UNEQUAL ANGLES—STRUCTURAL SIZES—Continued

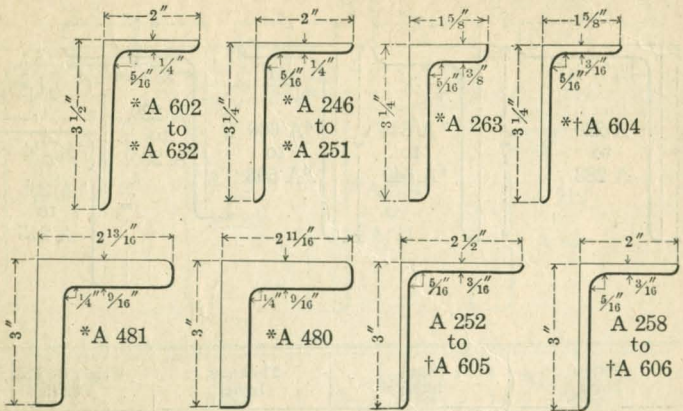


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 220	4 x 3	13/16	17.1
A 221	4 x 3	3/4	16.0
A 222	4 x 3	11/16	14.8
A 223	4 x 3	5/8	13.6
A 224	4 x 3	9/16	12.4
A 225	4 x 3	1/2	11.1
A 226	4 x 3	7/16	9.8
A 227	4 x 3	3/8	8.5
A 228	4 x 3	5/16	7.2
A 283	4 x 3	1/4	5.8
*A 644	4 x 2 1/4	5/8	12.0
*A 643	4 x 2 1/4	9/16	10.9
*A 642	4 x 2 1/4	1/2	9.8
*A 641	4 x 2 1/4	7/16	8.7
*A 640	4 x 2 1/4	3/8	7.5
*A 600	4 x 2	3/8	7.2
*A 601	4 x 2	5/16	6.1
*A 598	4 x 2	1/4	4.9
A 229	3 1/2 x 3	13/16	15.8
A 230	3 1/2 x 3	3/4	14.7
A 231	3 1/2 x 3	11/16	13.6
A 232	3 1/2 x 3	5/8	12.5
A 233	3 1/2 x 3	9/16	11.4
A 234	3 1/2 x 3	1/2	10.2
A 235	3 1/2 x 3	7/16	9.1
A 236	3 1/2 x 3	3/8	7.9
A 237	3 1/2 x 3	5/16	6.6
A 286	3 1/2 x 3	1/4	5.4
A 238	3 1/2 x 2 1/2	11/16	12.5
A 239	3 1/2 x 2 1/2	5/8	11.5
A 240	3 1/2 x 2 1/2	9/16	10.4
A 241	3 1/2 x 2 1/2	1/2	9.4
A 242	3 1/2 x 2 1/2	7/16	8.3
A 243	3 1/2 x 2 1/2	3/8	7.2
A 244	3 1/2 x 2 1/2	5/16	6.1
A 245	3 1/2 x 2 1/2	1/4	4.9

*Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

UNEQUAL ANGLES—STRUCTURAL SIZES—Concluded



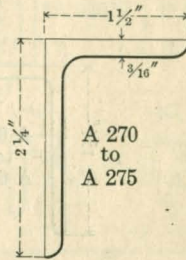
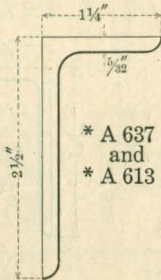
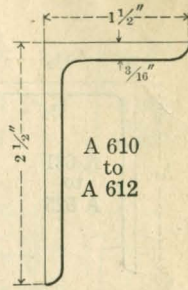
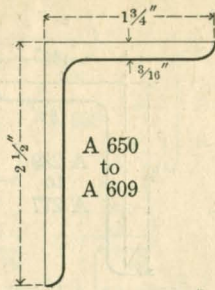
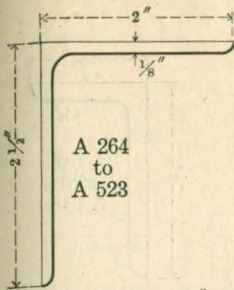
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*A 602	3 1/2 x 2	3/8	6.6
*A 603	3 1/2 x 2	5/16	5.6
*A 632	3 1/2 x 2	1/4	4.5
*A 246	3 1/4 x 2	9/16	9.0
*A 247	3 1/4 x 2	1/2	8.1
*A 248	3 1/4 x 2	7/16	7.2
*A 249	3 1/4 x 2	3/8	6.3
*A 250	3 1/4 x 2	5/16	5.3
*A 251	3 1/4 x 2	1/4	4.3
*A 263	3 1/4 x 1 5/8	3/8	5.8
*†A 604	3 1/4 x 1 5/8	9/16	2.99
*A 481	3 x 2 13/16	9/16	10.1
*A 480	3 x 2 11/16	9/16	9.8
A 252	3 x 2 1/2	9/16	9.5
A 253	3 x 2 1/2	1/2	8.5
A 254	3 x 2 1/2	7/16	7.6
A 255	3 x 2 1/2	3/8	6.6
A 256	3 x 2 1/2	5/16	5.6
A 257	3 x 2 1/2	1/4	4.5
†A 605	3 x 2 1/2	9/16	3.39
A 258	3 x 2	1/2	7.7
A 259	3 x 2	7/16	6.8
A 260	3 x 2	3/8	5.9
A 261	3 x 2	5/16	5.0
A 262	3 x 2	1/4	4.1
†A 606	3 x 2	9/16	3.07

* Furnished only by special arrangement.

† Bar mill sizes.

ANGLES

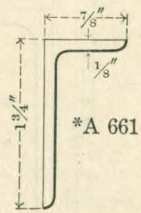
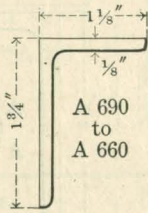
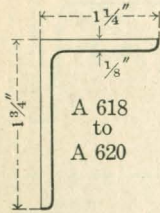
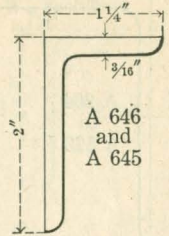
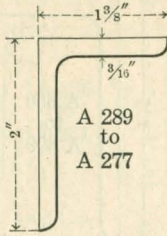
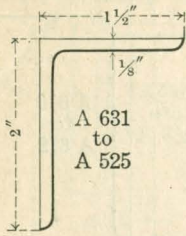
UNEQUAL ANGLES—BAR MILL SIZES



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 264	2 1/2 x 2	1/2	6.8
A 265	2 1/2 x 2	7/16	6.1
A 266	2 1/2 x 2	3/8	5.3
A 267	2 1/2 x 2	5/16	4.5
A 268	2 1/2 x 2	1/4	3.62
A 269	2 1/2 x 2	3/16	2.75
A 523	2 1/2 x 2	1/8	1.86
A 650	2 1/2 x 1 3/4	5/16	4.2
A 608	2 1/2 x 1 3/4	1/4	3.40
A 609	2 1/2 x 1 3/4	3/16	2.59
A 610	2 1/2 x 1 1/2	5/16	3.92
A 611	2 1/2 x 1 1/2	1/4	3.19
A 612	2 1/2 x 1 1/2	3/16	2.44
*A 637	2 1/2 x 1 1/4	3/16	2.28
*A 613	2 1/2 x 1 1/4	5/32	1.91
A 270	2 1/4 x 1 1/2	1/2	5.6
A 271	2 1/4 x 1 1/2	7/16	5.0
A 272	2 1/4 x 1 1/2	3/8	4.4
A 273	2 1/4 x 1 1/2	5/16	3.66
A 274	2 1/4 x 1 1/2	1/4	2.98
A 275	2 1/4 x 1 1/2	3/16	2.28

*Furnished only by special arrangement.

UNEQUAL ANGLES—BAR MILL SIZES—Continued

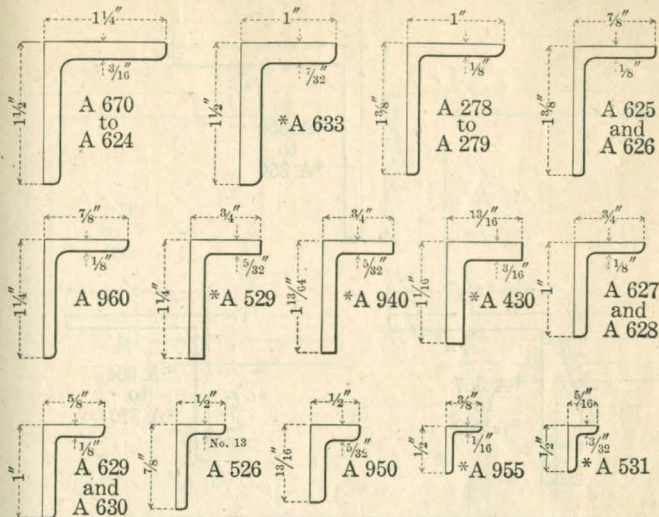


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 631	2 x 1 1/2	3/8	3.99
A 614	2 x 1 1/2	5/16	3.39
A 615	2 x 1 1/2	1/4	2.77
A 616	2 x 1 1/2	3/16	2.12
A 525	2 x 1 1/2	1/8	1.44
A 289	2 x 1 3/8	3/8	3.83
A 290	2 x 1 3/8	5/16	3.26
A 276	2 x 1 3/8	1/4	2.66
A 277	2 x 1 3/8	3/16	2.04
A 646	2 x 1 1/4	1/4	2.55
A 645	2 x 1 1/4	3/16	1.96
A 618	1 3/4 x 1 1/4	1/4	2.34
A 619	1 3/4 x 1 1/4	3/16	1.80
A 620	1 3/4 x 1 1/4	1/8	1.23
A 690	1 3/4 x 1 1/8	5/16	2.73
A 621	1 3/4 x 1 1/8	1/4	2.24
A 622	1 3/4 x 1 1/8	3/16	1.72
A 660	1 3/4 x 1 1/8	1/8	1.17
*A 661	1 3/4 x 7/8	1/8	1.07

*Furnished only by special arrangement.

ANGLES

UNEQUAL ANGLES—BAR MILL SIZES—Concluded

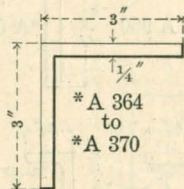
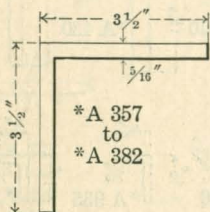
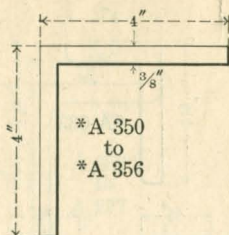


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 670	1 1/4 x 1 1/4	5/16	2.59
A 623	1 1/2 x 1 1/4	3/4	2.13
A 624	1 1/2 x 1 1/4	5/16	1.64
*A 633	1 1/2 x 1	7/32	1.70
A 278	1 3/8 x 1	1/4	1.81
A 281	1 3/8 x 1	3/16	1.40
A 279	1 3/8 x 1	1/8	0.96
A 625	1 3/8 x 7/8	3/16	1.32
A 626	1 3/8 x 7/8	1/8	0.91
A 960	1 1/4 x 7/8	1/8	0.85
*A 529	1 1/4 x 3/4	5/32	0.98
*A 940	1 13/64 x 3/4	5/32	0.96
*A 430	1 1/16 x 13/16	3/16	1.08
A 627	1 x 3/4	3/16	1.00
A 628	1 x 3/4	1/8	0.70
A 629	1 x 5/8	3/16	0.92
A 630	1 x 5/8	1/8	0.64
A 526	7/8 x 1/2	No. 13 B. W. G.	0.42
A 950	1 13/16 x 1/2	5/32	0.62
*A 955	1/2 x 3/8	1/16	0.17
*A 531	1/2 x 5/16	3/32	0.23

*Furnished only by special arrangement.

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SQUARE ROOT ANGLES—STRUCTURAL SIZES

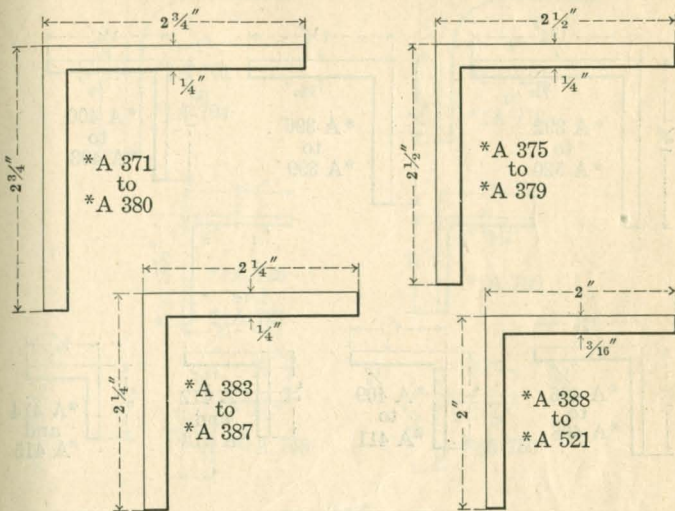


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*A 350	4 x 4	3/4	18.5
*A 351	4 x 4	11/16	17.1
*A 352	4 x 4	5/8	15.7
*A 353	4 x 4	9/16	14.3
*A 354	4 x 4	1/2	12.8
*A 355	4 x 4	7/16	11.3
*A 356	4 x 4	3/8	9.8
*A 357	3 1/2 x 3 1/2	3/4	16.0
*A 358	3 1/2 x 3 1/2	11/16	14.8
*A 359	3 1/2 x 3 1/2	5/8	13.6
*A 360	3 1/2 x 3 1/2	9/16	12.4
*A 361	3 1/2 x 3 1/2	1/2	11.1
*A 362	3 1/2 x 3 1/2	7/16	9.8
*A 363	3 1/2 x 3 1/2	3/8	8.5
*A 382	3 1/2 x 3 1/2	5/16	7.2
*A 364	3 x 3	5/8	11.5
*A 365	3 x 3	9/16	10.4
*A 366	3 x 3	1/2	9.4
*A 367	3 x 3	7/16	8.3
*A 368	3 x 3	3/8	7.2
*A 369	3 x 3	5/16	6.1
*A 370	3 x 3	1/4	4.9

* Furnished only by special arrangement.

ANGLES

SQUARE ROOT ANGLES—BAR MILL SIZES

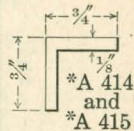
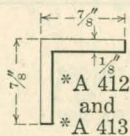
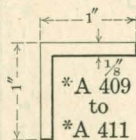
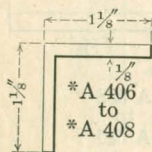
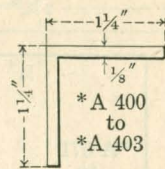
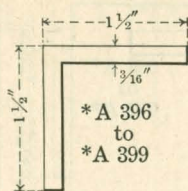
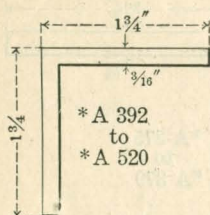


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*A 371	$2\frac{3}{4}$ x $2\frac{3}{4}$	$\frac{1}{2}$	8.5
*A 372	$2\frac{3}{4}$ x $2\frac{3}{4}$	$\frac{7}{16}$	7.6
*A 373	$2\frac{3}{4}$ x $2\frac{3}{4}$	$\frac{3}{8}$	6.6
*A 374	$2\frac{3}{4}$ x $2\frac{3}{4}$	$\frac{5}{16}$	5.6
*A 380	$2\frac{3}{4}$ x $2\frac{3}{4}$	$\frac{1}{4}$	4.5
*A 375	$2\frac{1}{2}$ x $2\frac{1}{2}$	$\frac{1}{2}$	7.7
*A 376	$2\frac{1}{2}$ x $2\frac{1}{2}$	$\frac{7}{16}$	6.8
*A 377	$2\frac{1}{2}$ x $2\frac{1}{2}$	$\frac{3}{8}$	5.9
*A 378	$2\frac{1}{2}$ x $2\frac{1}{2}$	$\frac{5}{16}$	5.0
*A 379	$2\frac{1}{2}$ x $2\frac{1}{2}$	$\frac{1}{4}$	4.1
*A 383	$2\frac{1}{4}$ x $2\frac{1}{4}$	$\frac{1}{2}$	6.8
*A 384	$2\frac{1}{4}$ x $2\frac{1}{4}$	$\frac{7}{16}$	6.1
*A 385	$2\frac{1}{4}$ x $2\frac{1}{4}$	$\frac{3}{8}$	5.3
*A 386	$2\frac{1}{4}$ x $2\frac{1}{4}$	$\frac{5}{16}$	4.5
*A 387	$2\frac{1}{4}$ x $2\frac{1}{4}$	$\frac{1}{4}$	3.62
*A 388	2 x 2	$\frac{7}{16}$	5.3
*A 389	2 x 2	$\frac{3}{8}$	4.7
*A 390	2 x 2	$\frac{5}{16}$	3.92
*A 391	2 x 2	$\frac{1}{4}$	3.19
*A 521	2 x 2	$\frac{3}{16}$	2.44

* Furnished only by special arrangement.

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SQUARE ROOT ANGLES—BAR MILL SIZES—Concluded

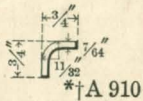
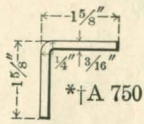
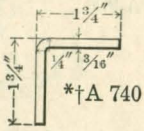
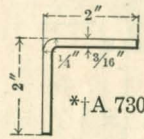
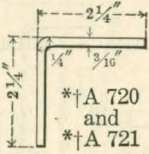
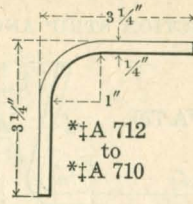
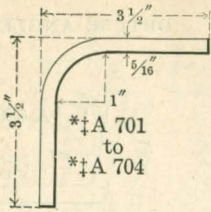


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*A 392	1 3/4 x 1 3/4	7/16	4.6
*A 393	1 3/4 x 1 3/4	3/8	3.99
*A 394	1 3/4 x 1 3/4	5/16	3.39
*A 395	1 3/4 x 1 3/4	1/4	2.77
*A 520	1 3/4 x 1 3/4	3/16	2.12
*A 396	1 1/2 x 1 1/2	3/8	3.35
*A 397	1 1/2 x 1 1/2	5/16	2.86
*A 398	1 1/2 x 1 1/2	1/4	2.34
*A 399	1 1/2 x 1 1/2	3/16	1.80
*A 400	1 1/4 x 1 1/4	5/16	2.33
*A 401	1 1/4 x 1 1/4	1/4	1.92
*A 402	1 1/4 x 1 1/4	3/16	1.48
*A 403	1 1/4 x 1 1/4	1/8	1.01
*A 406	1 1/8 x 1 1/8	1/4	1.70
*A 407	1 1/8 x 1 1/8	3/16	1.32
*A 408	1 1/8 x 1 1/8	1/8	0.91
*A 409	1 x 1	1/4	1.49
*A 410	1 x 1	3/16	1.16
*A 411	1 x 1	1/8	0.80
*A 412	7/8 x 7/8	3/16	1.00
*A 413	7/8 x 7/8	1/8	0.70
*A 414	3/4 x 3/4	3/16	0.84
*A 415	3/4 x 3/4	1/8	0.59

*Furnished only by special arrangement.

ANGLES

ROUND BACK ANGLES



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*†A 701	3 1/2 x 3 1/2	5/16	11.3
*†A 702	3 1/2 x 3 1/2	1/2	10.2
*†A 703	3 1/2 x 3 1/2	7/16	9.0
*†A 700	3 1/2 x 3 1/2	3/8	7.8
*†A 704	3 1/2 x 3 1/2	5/16	6.6
*†A 712	3 1/4 x 3 1/4	3/8	7.2
*†A 711	3 1/4 x 3 1/4	5/16	6.1
*†A 710	3 1/4 x 3 1/4	1/4	4.9
*†A 720	2 1/4 x 2 1/4	1/4	3.48
*†A 721	2 1/4 x 2 1/4	3/16	2.66
*†A 730	2 x 2	3/16	2.34
*†A 740	1 3/4 x 1 3/4	3/16	2.02
*†A 750	1 5/8 x 1 5/8	3/16	1.86
*†A 910	3/4 x 3/4	7/64	0.48

* Furnished only by special arrangement.

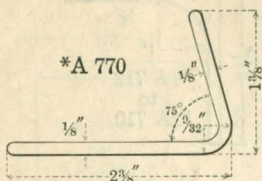
† Bar mill sizes.

‡ Structural sizes.

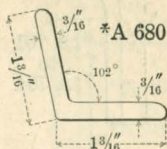
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MISCELLANEOUS ANGLES—BAR MILL SIZES

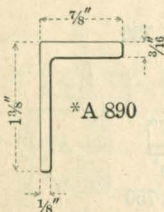
PROTECTION STRIP ANGLE



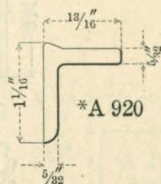
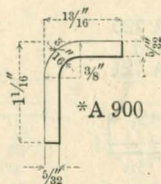
OBTUSE ANGLE



TIRE LUG ANGLE



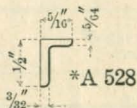
TRACK ANGLES



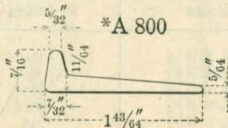
REACH ANGLE



SASH ANGLE



TAPER ANGLE

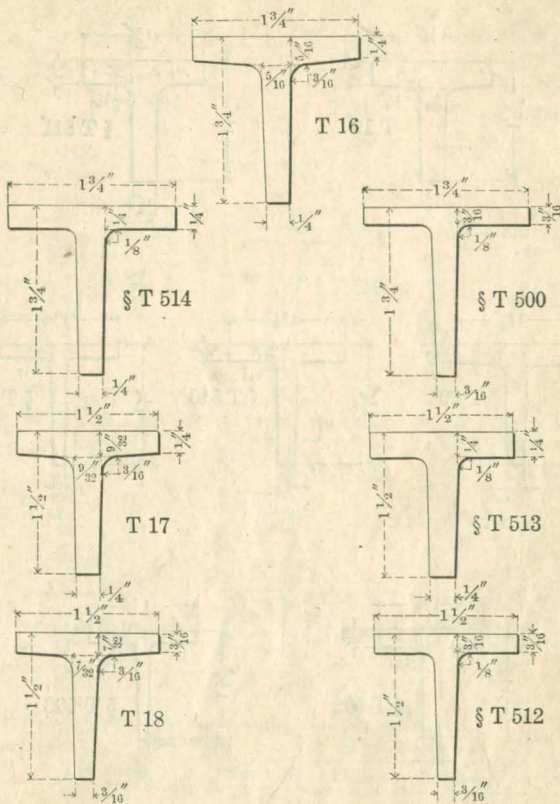


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*A 770	2 3/8 x 1 3/8	1/8	1.44
*A 680	1 3/16 x 1 3/16	3/16	1.40
*A 890	1 3/8 x 7/8	1/8, 3/16	1.07
*A 900	1 1/16 x 13/16	5/32	0.90
*A 920	1 1/16 x 13/16	5/32	0.91
*A 820	7/8 x 3/8	1/8	0.44
*A 528	1/2 x 5/16	5/32, 5/64	0.22
*A 800	1 43/64 x 7/10	See Cut	0.90

*Furnished only by special arrangement.

TEES

EQUAL TEES—BAR MILL SIZES—Continued

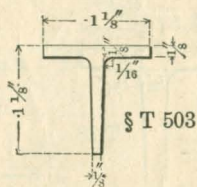
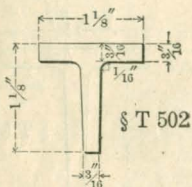
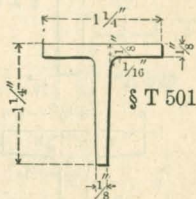
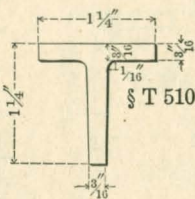
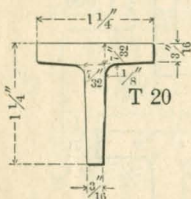
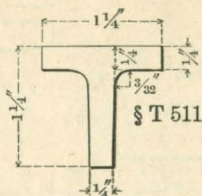
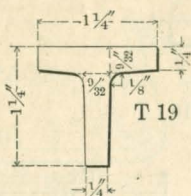


Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 16	1 3/4	1 3/4	1/4 to 5/16	1/4 to 5/16	3.09
§ T 514	1 3/4	1 3/4	1/4 to 1/4	1/4	2.90
§ T 500	1 3/4	1 3/4	3/16 to 3/16	3/16	2.26
T 17	1 1/2	1 1/2	1/4 to 9/32	1/4 to 9/32	2.47
§ T 513	1 1/2	1 1/2	1/4 to 1/4	1/4	2.43
T 18	1 1/2	1 1/2	3/16 to 7/32	3/16 to 7/32	1.94
§ T 512	1 1/2	1 1/2	3/16 to 3/16	3/16	1.90

§ Rolled approximately to one degree taper each side of stem.

CARNEGIE STEEL COMPANY

EQUAL TEES—BAR MILL SIZES—Continued

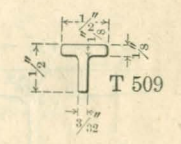
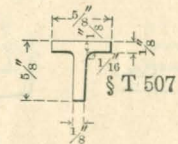
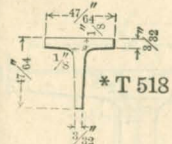
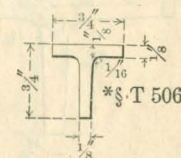
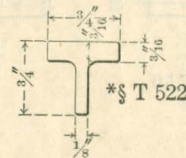
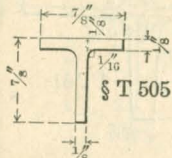
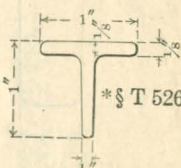
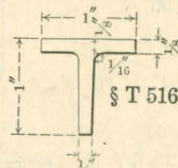
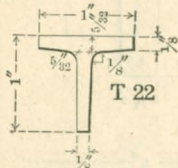
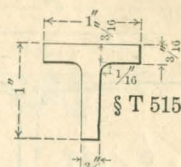
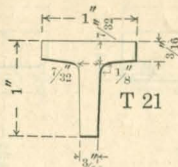
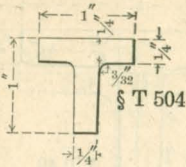


Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 19	1 1/4	1 1/4	1/4 to 3/32	1/4 to 3/32	2.02
§ T 511	1 1/4	1 1/4	1/4 to 1/4	1/4	1.98
T 20	1 1/4	1 1/4	3/16 to 7/32	3/16 to 7/32	1.59
§ T 510	1 1/4	1 1/4	3/16 to 3/16	3/16	1.55
§ T 501	1 1/4	1 1/4	1/8 to 1/8	1/8	1.09
§ T 502	1 1/8	1 1/8	3/16 to 3/16	3/16	1.37
§ T 503	1 1/8	1 1/8	1/8 to 1/8	1/8	0.97

§ Rolled approximately to one degree taper each side of stem.

TEES

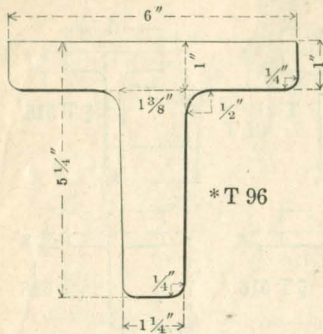
EQUAL TEES—BAR MILL SIZES—Concluded



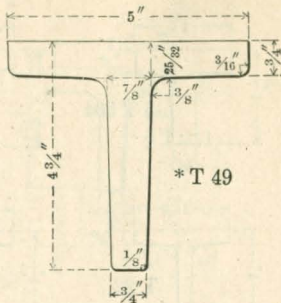
Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
§T 504	1	1	1/4 to 1/4	1/4	1.53
T 21	1	1	3/16 to 7/32	3/16 to 7/32	1.25
§T 515	1	1	3/16 to 3/16	3/16	1.20
T 22	1	1	1/8 to 7/32	1/8 to 7/32	0.89
§T 516	1	1	1/8 to 1/8	1/8	0.85
* §T 526	1	1	1/8 to 1/8	1/8	0.83
§T 505	7/8	7/8	1/8 to 1/8	1/8	0.73
* §T 522	3/4	3/4	3/16 to 3/16	1/8	0.73
* §T 506	3/4	3/4	1/8 to 1/8	1/8	0.61
* T 518	47/64	47/64	3/32 to 1/8	3/32 to 1/8	0.51
§T 507	5/8	5/8	1/8 to 1/8	1/8	0.50
T 509	1/2	1/2	1/8 to 1/8	3/32 to 3/32	0.34

* Furnished only by special arrangement.
 § Rolled approximately to one degree taper each side of stem.

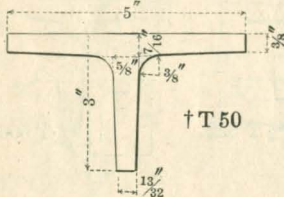
UNEQUAL TEES—STRUCTURAL SIZES



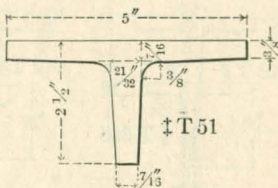
* T 96



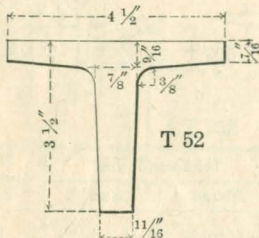
* T 49



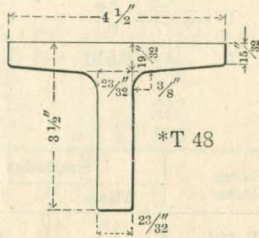
† T 50



‡ T 51



T 52



* T 48

Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
*T 96	6	5 1/4	1 to 1	1 1/4 to 1 3/8	39.4
*T 49	5	4 3/4	3/4 to 25/32	3/4 to 7/8	24.1
†T 50	5	3	3/8 to 7/16	13/32 to 5/8	11.5
‡T 51	5	2 1/2	3/8 to 7/16	7/16 to 21/32	10.9
T 52	4 1/2	3 1/2	7/16 to 9/16	11/16 to 7/8	15.7
*T 48	4 1/2	3 1/2	15/32 to 19/32	23/32 to 23/32	15.4

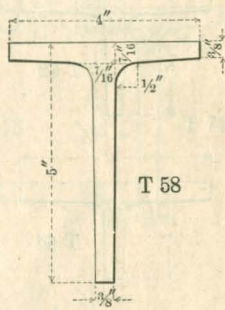
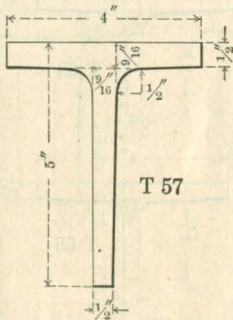
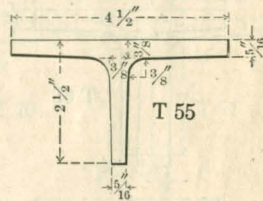
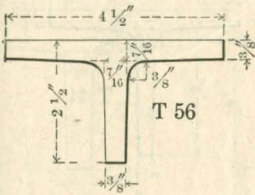
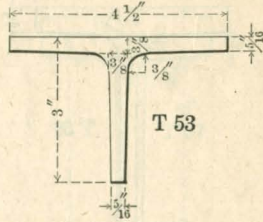
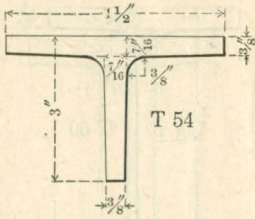
* Furnished only by special arrangement.

† T 50 can be rolled with flange 1/2" to 9/16", and stem 3 3/8"; weight 13.6 lbs. per foot.

‡ T 51 can be rolled with flange 1/2" to 9/16", and stem 2 5/8"; weight 13.0 lbs. per foot.

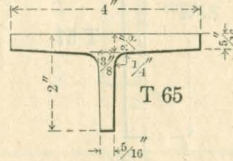
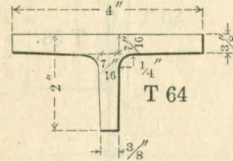
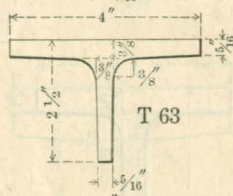
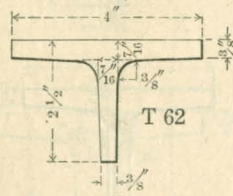
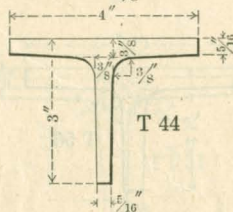
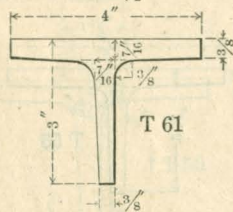
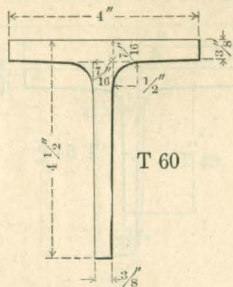
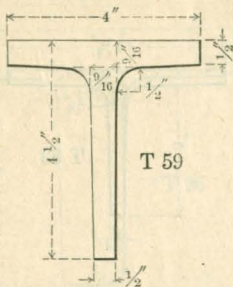
TEES

UNEQUAL TEES—STRUCTURAL SIZES—Continued



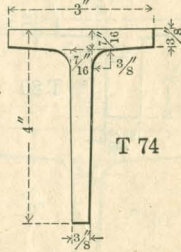
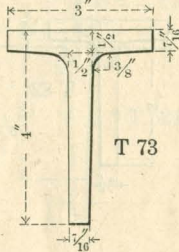
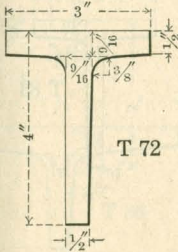
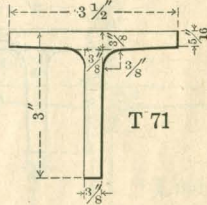
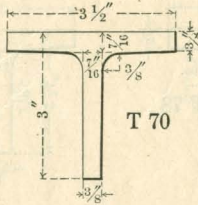
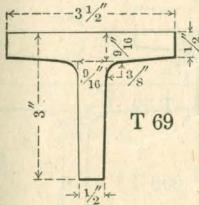
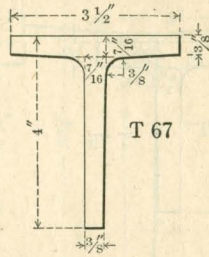
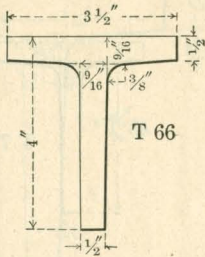
Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 54	4 1/2	3	3/8 to 7/16	3/8 to 7/16	9.8
T 53	4 1/2	3	5/16 to 3/8	5/16 to 3/8	8.4
T 56	4 1/2	2 1/2	3/8 to 7/16	3/8 to 7/16	9.2
T 55	4 1/2	2 1/2	5/16 to 3/8	5/16 to 3/8	7.8
T 57	4	5	1/2 to 9/16	1/2 to 9/16	15.3
T 58	4	5	3/8 to 7/16	3/8 to 7/16	11.9

UNEQUAL TEES—STRUCTURAL SIZES—Continued



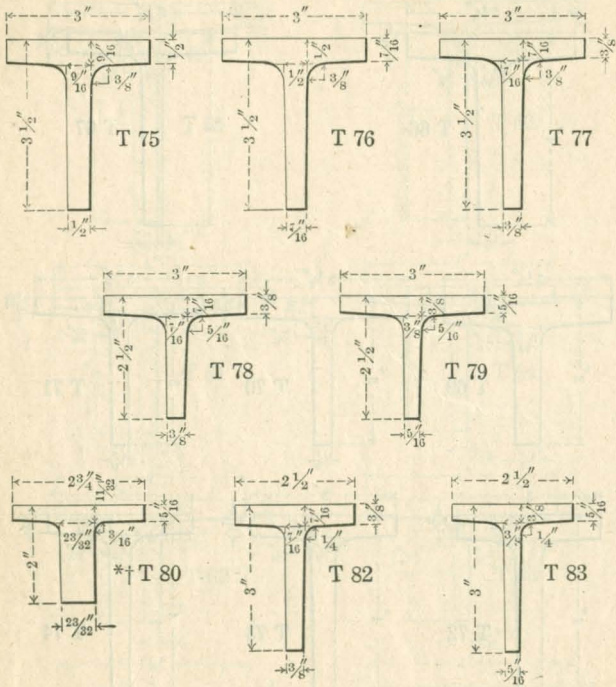
Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 59	4	4 1/2	1/2 to 9/16	1/2 to 9/16	14.4
T 60	4	4 1/2	3/8 to 7/16	3/8 to 7/16	11.2
T 61	4	3	3/8 to 7/16	3/8 to 7/16	9.2
T 44	4	3	5/16 to 3/8	5/16 to 3/8	7.8
T 62	4	2 1/2	3/8 to 7/16	3/8 to 7/16	8.5
T 63	4	2 1/2	5/16 to 3/8	5/16 to 3/8	7.2
T 64	4	2	3/8 to 7/16	3/8 to 7/16	7.8
T 65	4	2	5/16 to 3/8	5/16 to 3/8	6.7

UNEQUAL TEES—STRUCTURAL SIZES—Continued



Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 66	3 1/2	4	1/2 to 3/16	1/2 to 3/16	12.6
T 67	3 1/2	4	3/8 to 7/16	3/8 to 7/16	9.8
T 69	3 1/2	3	1/2 to 3/16	1/2 to 3/16	10.8
T 70	3 1/2	3	3/8 to 7/16	3/8 to 7/16	8.5
T 71	3 1/2	3	5/16 to 3/8	3/8 to 3/8	7.5
T 72	3	4	1/2 to 3/16	1/2 to 3/16	11.7
T 73	3	4	7/16 to 1/2	7/16 to 1/2	10.5
T 74	3	4	3/8 to 7/16	3/8 to 7/16	9.2

UNEQUAL TEES—STRUCTURAL SIZES—Concluded



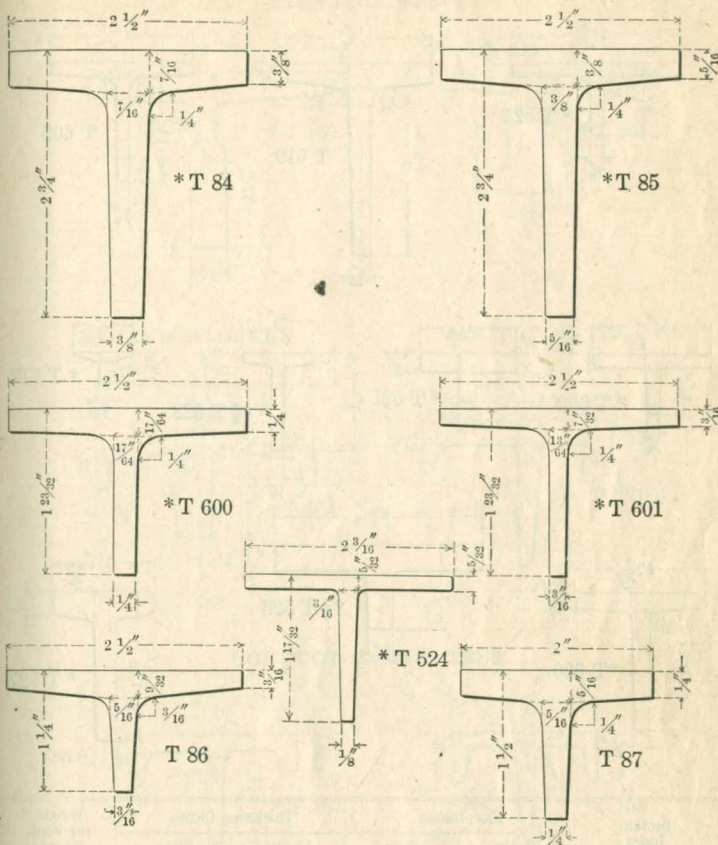
Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 75	3	3 1/2	1/2 to 9/16	1/2 to 9/16	10.8
T 76	3	3 1/2	7/16 to 1/2	7/16 to 1/2	9.7
T 77	3	3 1/2	3/8 to 7/16	3/8 to 7/16	8.5
T 78	3	2 1/2	3/8 to 7/16	3/8 to 7/16	7.1
T 79	3	2 1/2	5/16 to 3/8	5/16 to 3/8	6.1
*† T 80	2 3/4	2	5/16 to 11/32	23/32 to 23/32	7.2
T 82	2 1/2	3	3/8 to 7/16	3/8 to 7/16	7.1
T 83	2 1/2	3	5/16 to 3/8	5/16 to 3/8	6.1

* Furnished only by special arrangement.

† Bar mill size.

TEES

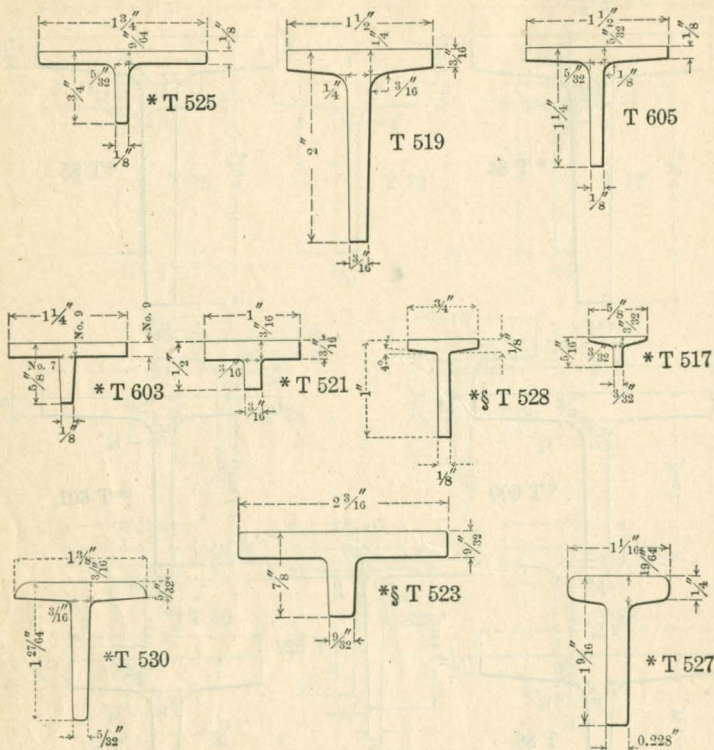
UNEQUAL TEES—BAR MILL SIZES



Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
*T 84	$2\frac{1}{2}$	$2\frac{3}{4}$	$\frac{3}{8}$ to $\frac{7}{16}$	$\frac{3}{8}$ to $\frac{7}{16}$	6.7
*T 85	$2\frac{1}{2}$	$2\frac{3}{4}$	$\frac{5}{16}$ to $\frac{3}{8}$	$\frac{5}{16}$ to $\frac{3}{8}$	5.8
*T 600	$2\frac{1}{2}$	$1\frac{23}{32}$	$\frac{1}{4}$ to $1\frac{7}{64}$	$\frac{1}{4}$ to $1\frac{7}{64}$	3.48
*T 601	$2\frac{1}{2}$	$1\frac{23}{32}$	$\frac{3}{16}$ to $\frac{7}{32}$	$\frac{3}{16}$ to $1\frac{3}{64}$	2.74
T 86	$2\frac{1}{2}$	$1\frac{1}{4}$	$\frac{3}{16}$ to $\frac{5}{32}$	$\frac{3}{16}$ to $\frac{5}{16}$	2.87
*T 524	$2\frac{3}{16}$	$1\frac{17}{32}$	$\frac{5}{32}$ to $\frac{3}{32}$	$\frac{1}{8}$ to $\frac{3}{16}$	1.90
T 87	2	$1\frac{1}{2}$	$\frac{1}{4}$ to $\frac{5}{16}$	$\frac{1}{4}$ to $\frac{5}{16}$	3.09

*Furnished only by special arrangement.

UNEQUAL TEES—BAR MILL SIZES—Concluded



Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
*T 525	1 3/4	3/4	1/8 to 9/64	1/8 to 5/32	1.10
T 519	1 1/2	2	3/16 to 1/4	3/16 to 1/4	2.45
T 605	1 1/2	1 1/4	1/8 to 5/32	1/8 to 5/32	1.25
*T 603	1 1/4	5/8	No. 9. B. W. G.	1/8 to No. 7	0.88
*T 521	1	1/2	3/16 to 3/16	3/16 to 3/16	0.84
*§T 528	3/4	1	See Cut	1/2	0.72
*T 517	5/8	5/16	See Cut	3/32 to 3/32	0.23
*§T 523	2 3/16	7/8	9/32 to 9/32	9/32	2.68
*T 530	1 3/8	1 27/64	5/32 to 3/16	5/32 to 3/16	1.45
*T 527	1 1/16	1 9/16	1/4 to 1 9/64	.228 to .228	2.00

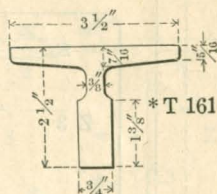
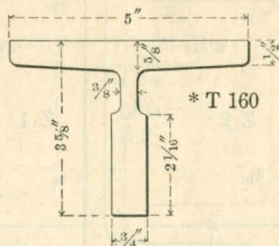
* Furnished only by special arrangement.

§ Rolled approximately to one degree taper each side of stem.

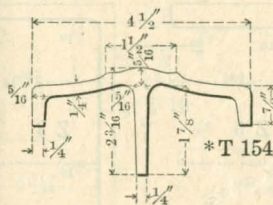
TEES

MISCELLANEOUS TEES—STRUCTURAL SIZES

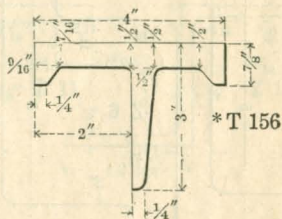
ELEVATOR TEES



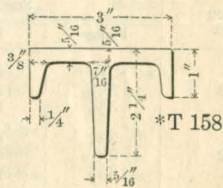
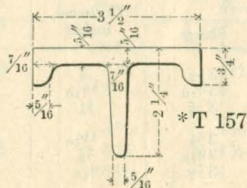
HAND RAIL TEE



CAR TRUCK TEE



CONDUCTOR RAIL TEES

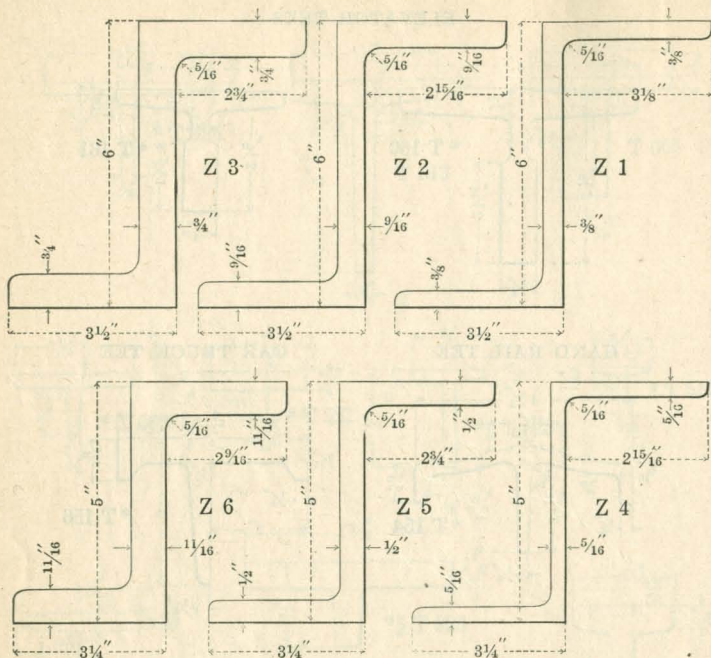


Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
*T 160	5	3 5/8	1/2 to 5/8	3/8 to 3/4	16.3
*T 161	3 1/2	2 1/2	5/16 to 7/16	3/8 to 3/4	9.0
*T 154	4 1/2	2 9/16	See Cut	1/4 to 5/16	7.0
*T 156	4	3	See Cut	1/4 to 1/2	11.3
*T 157	3 1/2	2 1/4	See Cut	5/16 to 7/16	7.3
*T 158	3	2 1/4	See Cut	5/16 to 7/16	7.0

*Furnished only by special arrangement.

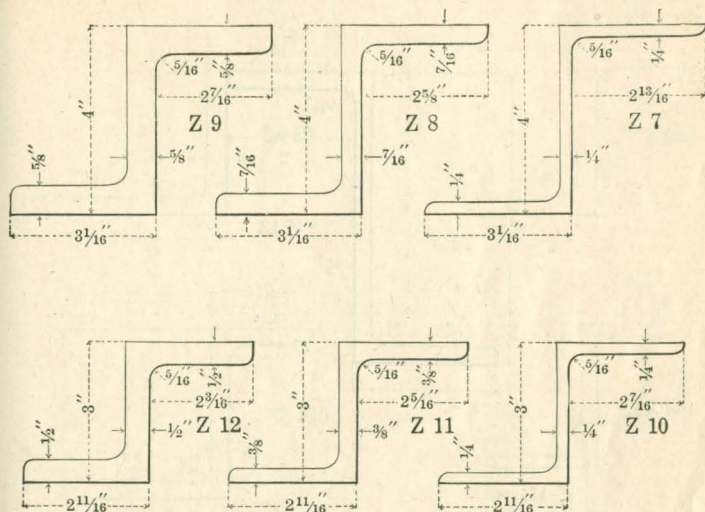
CARNEGIE STEEL COMPANY

ZEES—STRUCTURAL SIZES



Section Index	Size, Inches			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
Z 3	3 5/8	6 1/8	3 5/8	7/8	34.6
	3 9/16	6 1/16	3 9/16	13/16	32.0
	3 1/2	6	3 1/2	3/4	29.4
Z 2	3 5/8	6 1/8	3 5/8	11/16	28.1
	3 9/16	6 1/16	3 9/16	5/8	25.4
	3 1/2	6	3 1/2	9/16	22.8
Z 1	3 5/8	6 1/8	3 5/8	1/2	21.1
	3 9/16	6 1/16	3 9/16	7/16	18.4
	3 1/2	6	3 1/2	3/8	15.7
Z 6	3 3/8	5 1/8	3 3/8	13/16	28.4
	3 9/16	5 1/16	3 9/16	3/4	26.0
	3 1/4	5	3 1/4	11/16	23.7
Z 5	3 3/8	5 1/8	3 3/8	5/8	22.6
	3 9/16	5 1/16	3 9/16	9/16	20.2
	3 1/4	5	3 1/4	1/2	17.9
Z 4	3 3/8	5 1/8	3 3/8	7/16	16.4
	3 9/16	5 1/16	3 9/16	3/8	14.0
	3 1/4	5	3 1/4	5/16	11.6

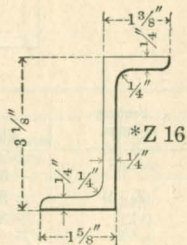
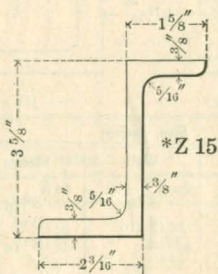
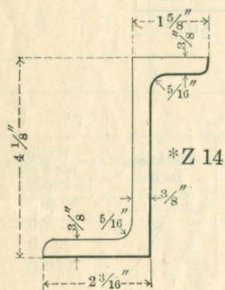
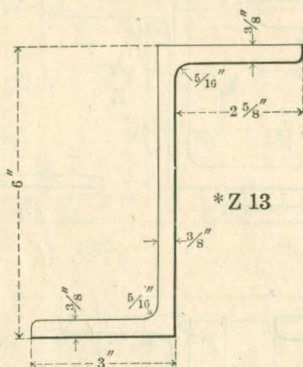
ZEES—STRUCTURAL SIZES—Concluded



Section Index	Size, Inches			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
Z 9	3 ³ / ₁₆	4 ¹ / ₈	3 ³ / ₁₆	³ / ₄	23.0
	3 ¹ / ₈	4 ¹ / ₁₆	3 ¹ / ₈	1 ¹ / ₁₆	20.9
	3 ¹ / ₁₆	4	3 ¹ / ₁₆	⁵ / ₈	18.9
Z 8	3 ³ / ₁₆	4 ¹ / ₈	3 ³ / ₁₆	⁹ / ₁₆	18.0
	3 ¹ / ₈	4 ¹ / ₁₆	3 ¹ / ₈	¹ / ₂	15.9
	3 ¹ / ₁₆	4	3 ¹ / ₁₆	⁷ / ₁₆	13.8
Z 7	3 ³ / ₁₆	4 ¹ / ₈	3 ³ / ₁₆	³ / ₈	12.5
	3 ¹ / ₈	4 ¹ / ₁₆	3 ¹ / ₈	⁵ / ₁₆	10.3
	3 ¹ / ₁₆	4	3 ¹ / ₁₆	¹ / ₄	8.2
Z 12	2 ³ / ₄	3 ¹ / ₁₆	2 ³ / ₄	⁹ / ₁₆	14.3
	2 ¹ / ₁₆	3	2 ¹ / ₁₆	¹ / ₂	12.6
Z 11	2 ³ / ₄	3 ¹ / ₁₆	2 ³ / ₄	⁷ / ₁₆	11.5
	2 ¹ / ₁₆	3	2 ¹ / ₁₆	³ / ₈	9.8
Z 10	2 ³ / ₄	3 ¹ / ₁₆	2 ³ / ₄	⁵ / ₁₆	8.5
	2 ¹ / ₁₆	3	2 ¹ / ₁₆	¹ / ₄	6.7

CARNEGIE STEEL COMPANY

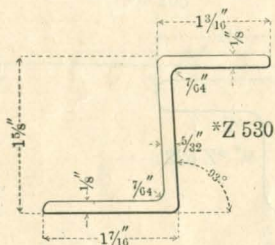
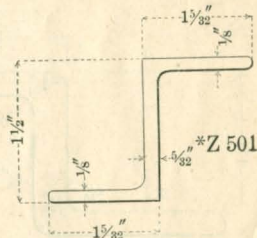
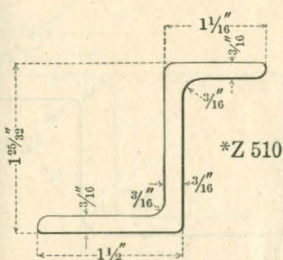
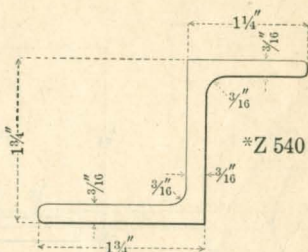
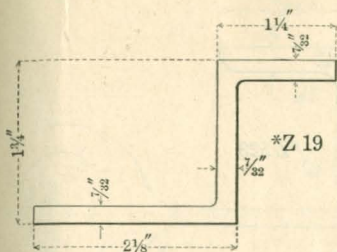
MISCELLANEOUS ZEES—STRUCTURAL SIZES



Section Index	Size, Inches			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
*Z 13	3	6	3	3/8	14.5
*Z 14	1 5/8	4 1/8	2 3/16	3/8	9.2
*Z 15	1 5/8	3 5/8	2 3/16	3/8	8.6
*Z 16	1 3/8	3 1/8	1 5/8	1/4	4.8

*Furnished only by special arrangement.

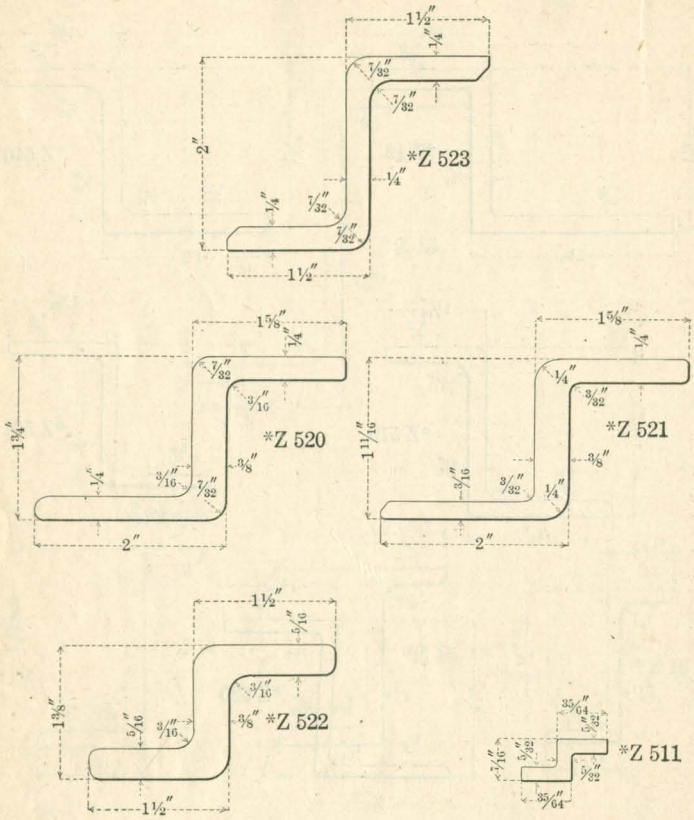
MISCELLANEOUS ZEES—BAR MILL SIZES



Section Index	Size, Inches			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
*Z 19	1 1/4	1 3/4	2 1/8	7/32	3.49
*Z 540	1 1/4	1 3/4	1 3/4	3/16	2.79
*Z 510	1 1/16	1 25/32	1 1/2	3/16	2.53
*Z 501	1 5/8	1 1/2	1 5/8	1/8, 5/32, 1/8	1.65
*Z 530	1 3/16	1 5/8	1 7/16	1/8, 5/32, 1/8	1.85

*Furnished only by special arrangement.

MISCELLANEOUS ZEES—BAR MILL SIZES—Concluded

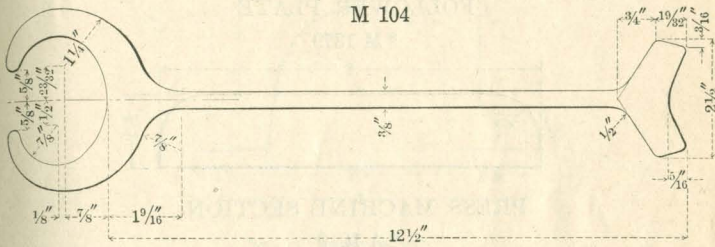


Section Index	Size, Inches			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
*Z 523	1 1/2	2	1 1/2	1/4	3.75
*Z 520	1 5/8	1 3/4	2	1/4, 3/8, 1/4	4.7
*Z 521	1 5/8	1 11/16	2	1/4, 3/8, 3/16	4.2
*Z 522	1 1/2	1 3/8	1 1/2	5/16, 3/8, 5/16	4.2
*Z 511	35/64	7/16	35/64	5/32	0.63

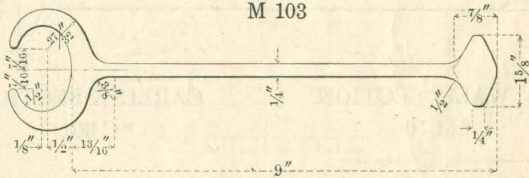
*Furnished only by special arrangement.

PILING SECTIONS

UNITED STATES STEEL SHEET PILING



M 104



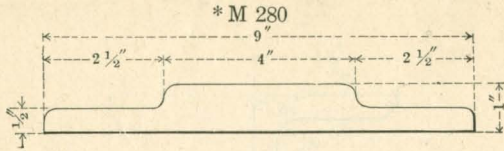
M 103

Section Index	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
M 104	12 1/2	3/8	38
M 103	9	1/4	16

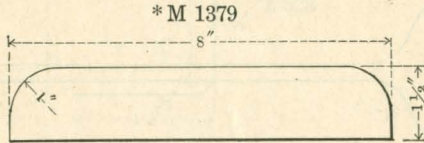
This Company manufactures Friedstedt Interlocking Channel Bar Piling and Symmetrical Interlock Channel Bar Piling in addition to United States Steel Sheet Piling. Full information as to the properties and uses of these sections is given in a separate pamphlet, entitled "Steel Sheet Piling."

CARNEGIE STEEL COMPANY

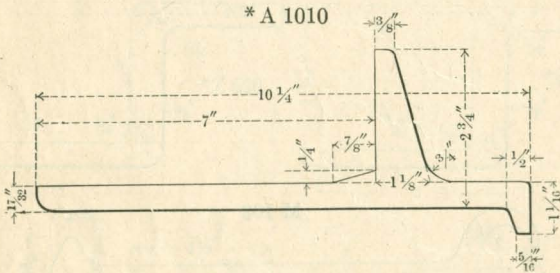
BODY SIDE BEARING PLATE



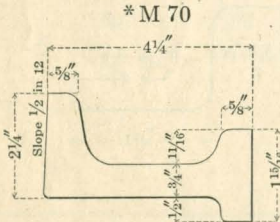
FOLLOWER PLATE



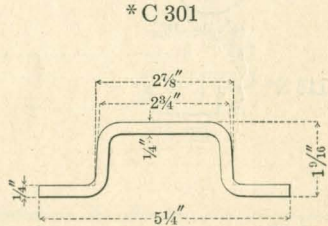
PRESS MACHINE SECTION



SIDE WALL SECTION



CARLINE SECTION

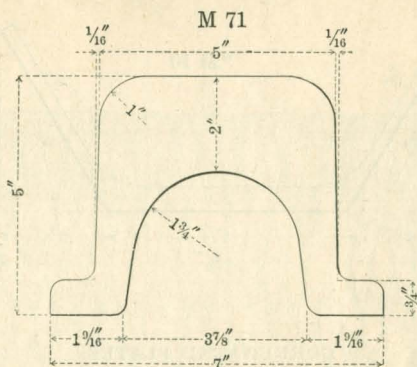


Section Index	Size, Inches	Weight per Foot, Pounds
*M 280	9 x 1	22.1
*M 1379	8 x 1 1/2	39.4
*A 1010	10 1/4 x 2 3/4	25.3
*M 70	4 1/4 x 2 1/4	18.3
*C 301	5 1/4 x 1 5/16	6.2

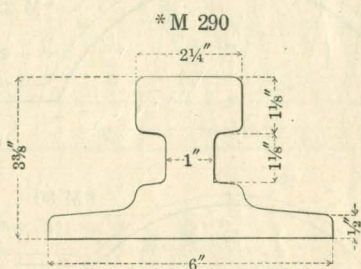
* Furnished only by special arrangement.

MISCELLANEOUS STRUCTURAL SHAPES

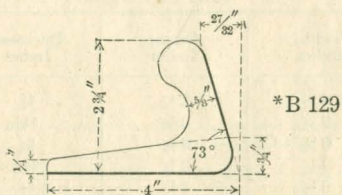
CRANE RAIL



RAIL SECTION



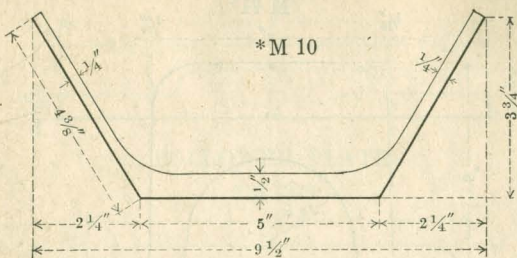
73° BULB ANGLE



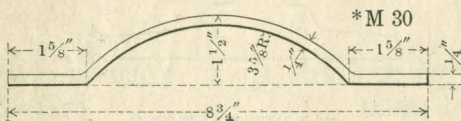
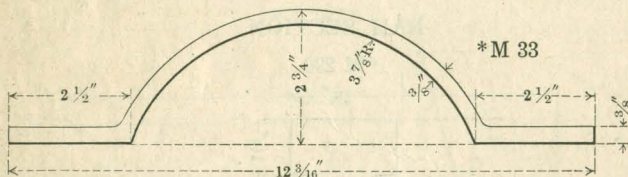
Section Index	Size, Inches	Weight per Foot, Pounds
M 71	7 x 5	57.0
*M 290	6 x $3\frac{3}{8}$	28.4
*B 129	4 x $2\frac{3}{4}$	12.5

* Furnished only by special arrangement.

TROUGH PLATES



CORRUGATED PLATES

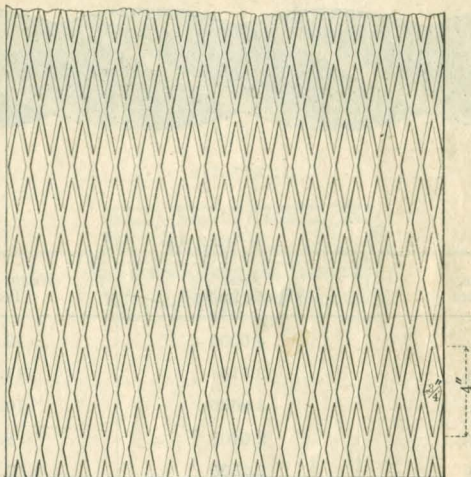


Section Index	Width, Inches	Depth, Inches	Thickness, Inches	Weight per Foot, Pounds
*M 14	9 1/2	3 3/4	3/4	23.2
*M 13	9 1/2	3 3/4	1 1/16	21.4
*M 12	9 1/2	3 3/4	5/8	19.7
*M 11	9 1/2	3 3/4	9/16	18.0
*M 10	9 1/2	3 3/4	1/2	16.3
*M 35	12 3/16	2 7/8	1/2	23.7
*M 34	12 3/16	2 13/16	7/16	20.8
*M 33	12 3/16	2 3/4	3/8	17.8
*M 32	8 3/4	1 5/8	3/8	12.0
*M 31	8 3/4	1 9/16	5/16	10.1
*M 30	8 3/4	1 1/2	1/4	8.1

* Furnished only by special arrangement.

FLOOR PLATES

CHECKERED PLATE



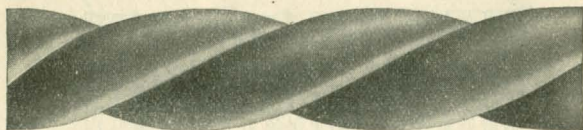
Section at Rib

Section Index	Thickness, Inches	Width and Length, Inches			Weight per Square Foot, Pounds
		6 to 11 $\frac{7}{8}$	12 to 48	48 $\frac{1}{8}$ to 60	
M 54	$\frac{1}{2}$	120	240	240	21.4
M 53	$\frac{7}{16}$	120	240	240	18.9
M 52	$\frac{3}{8}$	120	240	240	16.3
M 51	$\frac{5}{16}$	120	240	240	13.8
M 50	$\frac{1}{4}$	120	240	240	11.2
M 49	$\frac{3}{16}$	120	180		8.7

Checkered plates of greater lengths than shown in the above table may be submitted for special consideration.

CARNEGIE STEEL COMPANY

COLD TWISTED SQUARE BARS



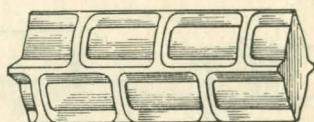
Size, Inches	Area, Square Inches	Weight per Foot, Pounds
2	4.0000	13.600
1 $\frac{7}{8}$	3.5156	11.953
1 $\frac{3}{4}$	3.0625	10.413
1 $\frac{5}{8}$	2.6406	8.978
1 $\frac{1}{2}$	2.2500	7.650
1 $\frac{3}{8}$	1.8906	6.428
1 $\frac{1}{4}$	1.5625	5.313
1 $\frac{1}{8}$	1.2656	4.303
1	1.0000	3.400
$\frac{15}{16}$	0.8789	2.988
$\frac{7}{8}$	0.7656	2.603
$\frac{13}{16}$	0.6602	2.245
$\frac{3}{4}$	0.5625	1.913
$\frac{11}{16}$	0.4727	1.607
$\frac{5}{8}$	0.3906	1.328
$\frac{9}{16}$	0.3164	1.076
$\frac{1}{2}$	0.2500	0.850
$\frac{7}{16}$	0.1914	0.651
$\frac{3}{8}$	0.1406	0.478
$\frac{5}{16}$	0.0977	0.332
$\frac{1}{4}$	0.0625	0.213

Cold twisted bars will conform to Manufacturers' Standard Specifications, unless otherwise specified.

CONCRETE REINFORCEMENT BARS

DÉFORMED BARS

CUP BAR



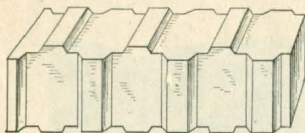
Section Index	Size, Inches	Weight per Foot, Pounds
*M 1528	1½	7.65
*M 1530	1¼	5.31
*M 1531	1⅜	4.30
*M 1532	1	3.40
*M 1533	¾	2.60
*M 1534	¾	1.91
*M 1535	⅝	1.33
*M 1536	½	0.85
*M 1537	¾	0.48

* Furnished only by special arrangement.

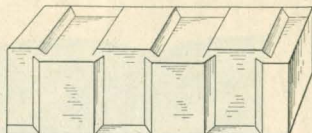
CARNEGIE STEEL COMPANY

DEFORMED BARS—Continued

CORRUGATED SQUARE BAR
TYPE A

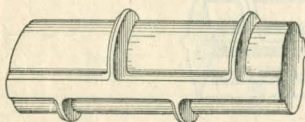


CORRUGATED SQUARE BAR
TYPE B

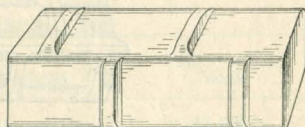


Rolled for Corrugated Bar Co.

CORRUGATED ROUND BAR
TYPE C



CORRUGATED SQUARE BAR
TYPE D



Rolled for Corrugated Bar Co.

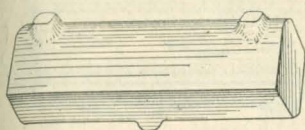
Section Index	Size, Inches	Weight per Foot, Pounds	Section Index	Size, Inches	Weight per Foot, Pounds
Corrugated Square Bar—Type A			Corrugated Square Bar—Type B		
*M 1980	1 ¼	4.00	*M 1550	1 ¼	5.31
*M 1981	1	2.70	*M 1551	1	3.40
*M 1982	¾	1.95	*M 1552	¾	2.60
*M 1983	¾	1.35	*M 1553	¾	1.91
*M 1984	½	0.64	*M 1554	⅝	1.33
			*M 1555	½	0.85
			*M 1558	⅜	0.48
			*M 1557	¼	0.37
			*M 1556	¼	0.21
Corrugated Round Bar—Type C			Corrugated Square Bar—Type D		
			*M 1732	1 ¼	10.48
*M 1618	1 ¼	4.21	*M 1731	1 ½	7.69
*M 1617	1 ⅝	3.41	*M 1650	1 ¼	5.35
*M 1616	1	2.69	*M 1651	1 ⅝	4.34
*M 1615	¾	2.06	*M 1652	1	3.43
*M 1614	¾	1.52	*M 1653	¾	2.64
*M 1613	⅝	1.05	*M 1654	¾	1.94
*M 1612	⅞	0.86	*M 1655	⅝	1.35
*M 1611	½	0.66	*M 1656	½	0.86
*M 1610	⅜	0.38	*M 1657	⅜	0.49
			*M 1658	¼	0.22

* Furnished only by special arrangement.

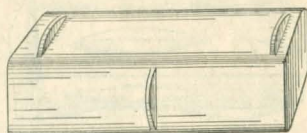
CONCRETE REINFORCEMENT BARS

DEFORMED BARS—Continued

LUG BAR—TYPE A



LUG BAR—TYPE B



Rolled for Corrugated Bar Co.

HERRINGBONE BAR



Rolled for Corrugated Bar Co.

Section Index	Size, Inches	Weight per Foot, Pounds	Section Index	Size, Inches	Weight per Foot, Pounds
Lug Bar—Type A			Lug Bar—Type B		
*M 1578	1 ¼	5.31	*M 1648	1 ¼	5.31
*M 1577	1 ½	4.30	*M 1647	1 ½	4.30
*M 1576	1	3.40	*M 1646	1	3.40
*M 1575	¾	2.60	*M 1645	¾	2.60
*M 1574	¾	1.91	*M 1644	¾	1.91
*M 1573	½	1.33	*M 1643	½	1.33
*M 1572	½	0.85	*M 1642	½	0.85
*M 1579	¼	0.65	*M 1641	¾	0.48
*M 1571	¾	0.48	*M 1640	¼	0.21
*M 1570	¼	0.21			

Herringbone Bar

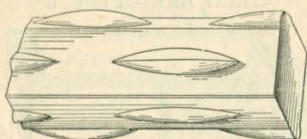
Section Index	Size, Inches	Weight per Foot, Pounds
*M 1673	1 ½	5.13
*M 1672	1 ¼	3.62
*M 1671	1	2.38
*M 1670	¾	1.72
*M 1669	¾	1.28
*M 1668	½	0.91

* Furnished only by special arrangement.

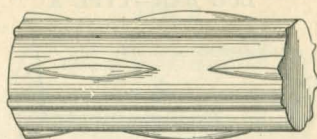
CARNEGIE STEEL COMPANY

DEFORMED BARS—Continued

HAVEMEYER SQUARE BAR

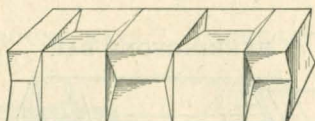


HAVEMEYER ROUND BAR



Rolled for Concrete Steel Co.

ELCANNES BAR



Rolled for Mr. Elie Cannes

Section Index	Size, Inches	Weight per Foot, Pounds	Section Index	Size, Inches	Weight per Foot, Pounds
Havemeyer Square Bar			Havemeyer Round Bar		
*M 1599	1 ½	7.65			
*M 1609	1 ¾	6.43			
*M 1608	1 ¼	5.31	*M 1629	1 ¼	4.17
*M 1607	1 ½	4.30	*M 1628	1 ½	3.38
*M 1606	1	3.40	*M 1627	1	2.67
*M 1605	¾	2.60	*M 1626	¾	2.04
*M 1604	¾	1.91	*M 1625	¾	1.50
*M 1603	¾	1.33	*M 1624	¾	1.04
*M 1602	½	0.85	*M 1623	½	0.67
*M 1601	¾	0.48	*M 1622	¾	0.38
*M 1598	¾	0.33	*M 1600	¼	0.17
*M 1621	¼	0.21			

Elcannes Bar

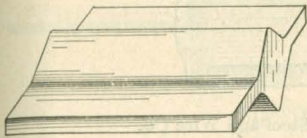
Section Index	Size, Inches	Weight per Foot, Pounds
*M 1901	1 ¼	5.31
*M 1902	1 ½	4.30
*M 1903	1	3.40
*M 1904	¾	2.60
*M 1905	¾	1.91
*M 1906	¾	1.33
*M 1907	½	0.85
*M 1908	¾	0.48

* Furnished only by special arrangement.

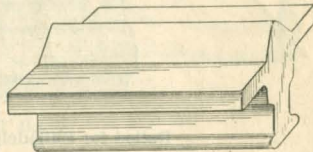
CONCRETE REINFORCEMENT BARS

DEFORMED BARS—Concluded

WING BAR—TYPE A

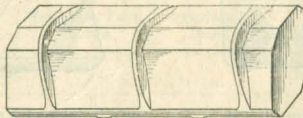


WING BAR—TYPE B



Rolled for Trussed Concrete Steel Co.

NEW RIB BAR



Rolled for Trussed Concrete Steel Co.

Section Index	Size, Inches	Weight per Foot, Pounds	Section Index	Size, Inches	Weight per Foot, Pounds
Wing Bar—Type A			Wing Bar—Type B		
*M 1513	$\frac{3}{4}$	2.70	*M 1509	$3\frac{1}{2}$	10.2
*M 1512	$\frac{1}{2}$	1.40	*M 1510	$2\frac{3}{4}$	6.8
			*M 1516	$2\frac{1}{4}$	4.8

New Rib Bar

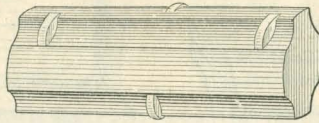
Section Index	Size, Inches	Weight per Foot, Pounds
*M 1918	$1\frac{1}{4}$	5.31
*M 1917	$1\frac{1}{8}$	4.30
*M 1916	1	3.40
*M 1915	$\frac{7}{8}$	2.60
*M 1914	$\frac{3}{4}$	1.91
*M 1913	$\frac{5}{8}$	1.33
*M 1912	$\frac{1}{2}$	0.85
*M 1911	$\frac{3}{8}$	0.48
*M 1910	$\frac{1}{4}$	0.21

* Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

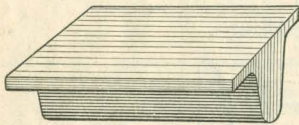
DEFORMED BARS—Continued

MONOTYPE BAR



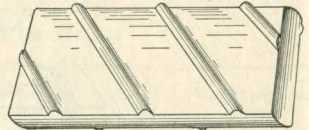
Rolled for Philadelphia Steel and Wire Co.

WING BAR



Rolled for
Thomas Reinforcement Co.

SLANT RIB BAR



Rolled for
Mississippi Valley Construction Co.

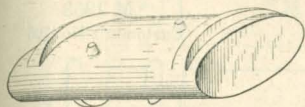
Section Index	Size, Inches	Weight per Foot, Pounds	Section Index	Size, Inches	Weight per Foot, Pounds
Monotype Bar—Equivalent to Square			Monotype Bar—Equivalent to Round		
*M 2151	1 ¼	5.39	*M 2161	1 ¼	4.24
*M 2152	1 ½	4.37	*M 2162	1 ⅝	3.43
*M 2153	1	3.45	*M 2163	1	2.71
*M 2154	¾	2.64	*M 2164	⅞	2.08
*M 2155	¾	1.94	*M 2165	¾	1.53
*M 2156	⅝	1.35	*M 2166	⅝	1.06
*M 2157	½	0.86	*M 2167	½	0.68
*M 2158	⅜	0.49	*M 2168	⅜	0.38
Wing Bar			Slant Rib Bar		
*M 2135	2 ¼	5.08	*M 1297	1 ¼	5.31
*M 2134	2	4.02	*M 1296	1	3.40
*M 2133	1 ¾	3.06	*M 1295	⅞	2.60
*M 2132	1 ½	2.08	*M 1294	¾	1.91
*M 2131	1 ⅝	1.08	*M 1293	⅝	1.33
			*M 1292	½	0.85
			*M 1291	⅜	0.48
			*M 1290	¼	0.21

* Furnished only by special arrangement.

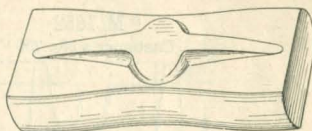
CONCRETE REINFORCEMENT BARS.

DEFORMED BARS—Continued

SCOFIELD BAR



THACHER BAR



MONOLITH BAR



Section Index	Size, Inches	Weight per Foot, Pounds	Section Index	Size, Inches	Weight per Foot, Pounds
Scofield Bar			Thacher Bar		
		Equivalent to Round			
*M 1969	1 1/2	6.01	*M 1546	1 1/2	5.20
*M 1968	1 1/4	4.17	*M 1545	1 1/4	3.55
*M 1967	1 1/8	3.38	*M 1544	1	2.32
*M 1966	1	2.67	*M 1543	7/8	1.79
*M 1965	3/4	2.04	*M 1542	3/4	1.34
*M 1964	3/4	1.50	*M 1541	5/8	0.92
*M 1963	5/8	1.04	*M 1540	1/2	0.58
*M 1962	1/2	0.67			
*M 1961	3/8	0.38			
		Equivalent to Square			
*M 1583	5/8	1.33			
*M 1582	1/2	0.85			
*M 1581	3/8	0.48			

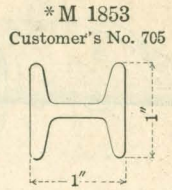
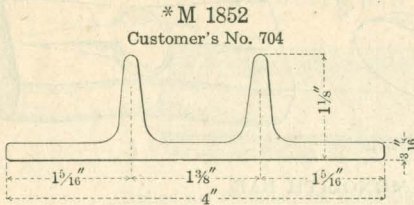
Monolith Bar

Section Index	Size, Inches	Weight per Foot, Pounds
*M 1500	1 1/2	7.65
*M 1508	1 1/4	5.31
*M 1507	1	3.40
*M 1517	3/4	1.91
*M 1506	5/8	1.33
*M 1505	1/2	0.85
*M 1504	3/8	0.48

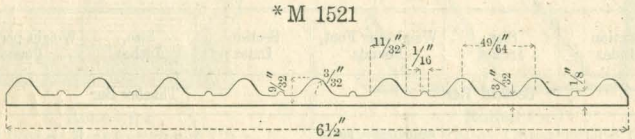
* Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

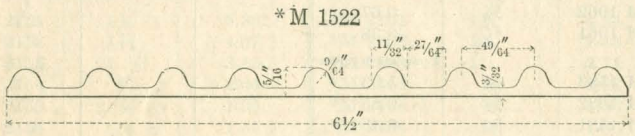
GIRDER BAR SECTIONS



WASHBOARD SECTION - TYPE A



WASHBOARD SECTION - TYPE B



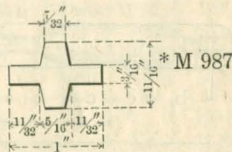
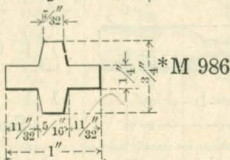
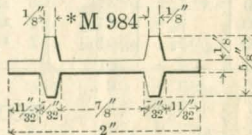
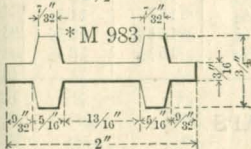
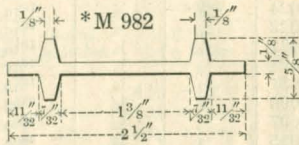
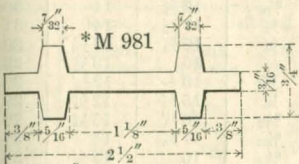
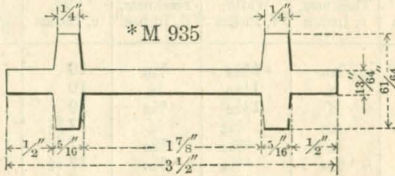
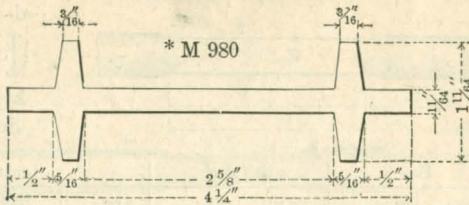
Rolled for Trussed Concrete Steel Co.

Section Index	Size, Inches	Weight per Foot, Pounds
*M 1852	4 x 1 1/8 x 3/16	4.1
*M 1853	1 x 1 x 5/32	1.52
*M 1521	6 1/2 x 9/32 x 3/32	3.20
*M 1522	6 1/2 x 9/16 x 3/32	3.95

*Rolled only by special arrangement.

CONCRETE REINFORCEMENT BARS

HANGER BARS

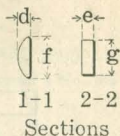
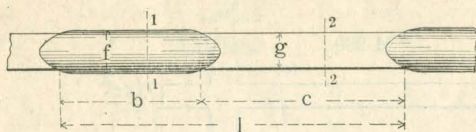


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*M 980	4 1/4 x 1 1/4	1/4	5.31
	4 1/4 x 1 13/64	13/64	4.63
	4 1/4 x 1 11/64	11/64	4.18
*M 935	3 1/2 x 1	1/4	4.41
	3 1/2 x 61/64	13/64	3.85
*M 981	2 1/2 x 3/4	3/16	2.61
*M 982	2 1/2 x 5/8	1/8	1.65
*M 983	2 x 3/4	3/16	2.29
*M 984	2 x 5/8	1/8	1.43
*M 986	1 x 3/4	1/4	1.30
*M 987	1 x 11/16	3/16	1.09

* Furnished only by special arrangement.

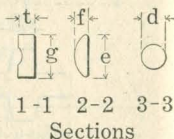
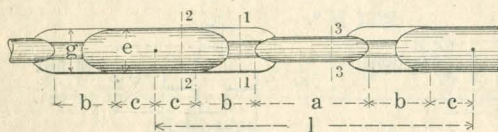
CARNEGIE STEEL COMPANY

CONCORD HAME STRAPS



Section Index	Flat		Half Oval		Lengths		
	Width, g, Inches	Thickness, e, Inches	Width, f, Inches	Thickness, d, Inches	Flat, c, Inches	Half Oval, b, Inches	Total, l, Inches
M 1027	1	5/16	1 3/32	5/16	19	15	34
M 1026	1	1/4	1 1/16	1/4	19	15	34
M 1099	1	1/4	1 1/32	9/32	19	15	34
M 1025	7/8	1/4	1 5/16	1/4	17 5/8	14 1/2	32 1/8
M 1098	7/8	1/4	2 9/32	9/32	17 5/8	14 1/2	32 1/8
M 1033	7/8	3/16	1 5/16	3/16	17 1/2	14	31 1/2
M 1028	7/8	3/16	1 5/16	3/16	16 1/4	14	30 1/4
M 1024	3/4	1/4	1 3/16	1/4	17 1/2	14	31 1/2
M 1022	3/4	1/4	1 3/16	1/4	16 3/4	13 1/2	29 7/8
M 1032	3/4	1/4	1 3/16	1/4	16	13 1/2	29 1/2
M 1021	3/4	1/4	1 3/16	1/4	16	12 3/4	28 3/4
M 1031	3/4	1/4	1 3/16	1/4	15 5/8	12 3/4	28 3/8
M 1096	3/4	1/4	2 5/32	9/32	16 3/4	13 1/8	29 7/8
M 1097	3/4	1/4	2 5/32	9/32	17 5/8	14	31 5/8
M 1095	3/4	1/4	2 5/32	9/32	16	12 3/4	28 3/4
M 1029	3/4	7/32	1 3/16	7/32	15 7/8	11 7/8	27 3/4
M 1030	3/4	7/32	1 3/16	7/32	15 5/8	12 3/4	28 3/4
M 1020	5/8	3/16	1 1/16	3/16	15 1/2	12 1/2	28

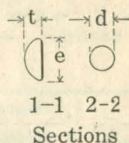
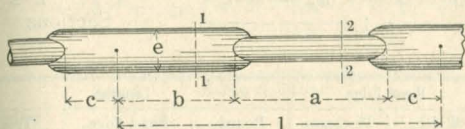
BOX STRAPS



Section Index	Diam. d, Inches	Grooved Flat		Half Oval		Lengths			
		Width, g, Inches	Thick-ness, t, Inches	Width, e, Inches	Thick-ness, f, Inches	Round, a, Inches	Grooved Flat, b, Inches	Half Oval, c, Inches	Total, l, Inches
M 1206	5/8	1 1/32	1 7/64	1 1/32	1 7/64	7	2 1/4	12 1/4	36
M 1205	5/8	1 1/32	1 7/64	1 1/32	1 7/64	6 15/16	2 1/8	10 11/32	31 7/8
M 1204	5/8	1 1/32	1 7/64	1 1/32	1 7/64	7	2	8 27/64	27 27/32
M 1208	5/8	1 5/16	9/32	1 5/16	9/32	7 5/8	3	5 3/16	24
M 1212	9/16	1 5/16	1/4	1 5/16	1/4	7 29/32	2 1/64	12 1/32	36
M 1211	9/16	1 5/16	1/4	1 5/16	1/4	6 7/8	2 3/8	6 1/8	23 7/8
M 1203	9/16	1 5/16	1/4	1 5/16	1/4	6 13/16	2 5/16	8 9/32	28
M 1202	9/16	1 5/16	1/4	1 5/16	1/4	7 3/8	2 3/8	9 7/8	31 7/8
M 1200	1/2	1 3/16	7/32	1 3/16	7/32	7 11/16	2 5/16	7 27/32	28
M 1432	1/2	3/4	1 3/64	3/4	1 3/64	6 7/8	2	5 1/2	21 7/8
M 1433	7/16	3/4	3/16	3/4	3/16	6 7/8	2	4 1/2	19 7/8

STRAP AND CLIP SECTIONS

HALF OVAL CLIPS

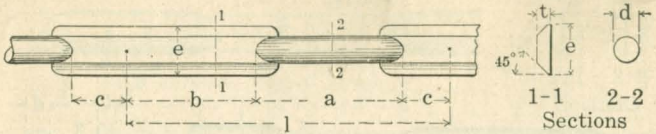


1-1 2-2
Sections

Section Index	Round	Half Oval		Lengths		
	Diameter, d, Inches	Width, e, Inches	Thickness, t, Inches	Round, a, Inches	Half Oval, b+c, Inches	Total, l, Inches
M 1158	$\frac{5}{8}$	$1\frac{1}{32}$	$\frac{17}{64}$	5	$4\frac{1}{2} + 10$	$19\frac{1}{2}$
M 1157	$\frac{1}{2}$	$\frac{53}{64}$	$\frac{15}{64}$	$4\frac{3}{8}$	$4\frac{3}{4} + 10\frac{3}{8}$	$19\frac{1}{2}$
M 1156	$\frac{7}{16}$	$\frac{25}{32}$	$\frac{13}{64}$	$4\frac{3}{8}$	$4\frac{3}{4} + 10\frac{3}{8}$	$19\frac{1}{2}$
M 1113	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$3\frac{5}{8}$	$3\frac{5}{16} + 7\frac{1}{16}$	$14\frac{5}{8}$
M 1116	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$2\frac{3}{4}$	$3 + 3$	$8\frac{3}{4}$
M 1119	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$3\frac{1}{2}$	$10\frac{1}{32} + 10\frac{1}{32}$	$23\frac{9}{16}$
M 1121	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$3\frac{1}{16}$	$10 + 9$	$22\frac{1}{16}$
M 1131	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$3\frac{3}{8}$	$3 + 6\frac{1}{16}$	$12\frac{7}{16}$
M 1149	$1\frac{1}{32}$	$1\frac{9}{32}$	$\frac{5}{32}$	$3\frac{1}{2}$	$3\frac{1}{2} + 8\frac{3}{4}$	$15\frac{3}{8}$
M 1123	$1\frac{1}{32}$	$1\frac{9}{32}$	$\frac{5}{32}$	$3\frac{3}{8}$	$7\frac{3}{4} + 3\frac{9}{16}$	$14\frac{5}{16}$
M 1124	$1\frac{1}{32}$	$1\frac{9}{32}$	$\frac{5}{32}$	$3\frac{9}{16}$	$3\frac{1}{16} + 10\frac{1}{8}$	$17\frac{3}{8}$
M 1126	$1\frac{1}{32}$	$1\frac{9}{32}$	$\frac{5}{32}$	$3\frac{7}{16}$	$6\frac{3}{8} + 3\frac{7}{16}$	$13\frac{1}{8}$
M 1128	$1\frac{1}{32}$	$1\frac{9}{32}$	$\frac{5}{32}$	$3\frac{5}{8}$	$8\frac{1}{16} + 9\frac{13}{16}$	$22\frac{1}{8}$
M 1129	$1\frac{1}{32}$	$1\frac{9}{32}$	$\frac{5}{32}$	3	$4\frac{13}{16} + 4\frac{13}{16}$	$12\frac{5}{8}$
M 1150	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$3\frac{1}{16}$	$3\frac{3}{16} + 3\frac{3}{16}$	$9\frac{3}{16}$
M 1132	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$3\frac{7}{32}$	$3\frac{1}{4} + 6$	$12\frac{15}{32}$
M 1133	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$3\frac{7}{32}$	$3 + 6\frac{1}{4}$	$12\frac{15}{32}$
M 1135	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$2\frac{3}{4}$	$3\frac{1}{16} + 8\frac{1}{2}$	$14\frac{5}{16}$
M 1137	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$2\frac{13}{16}$	$3\frac{3}{16} + 6\frac{1}{4}$	$12\frac{1}{4}$
M 1138	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$2\frac{5}{8}$	$3 + 6\frac{5}{16}$	$11\frac{15}{16}$
M 1139	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$2\frac{7}{8}$	$9\frac{5}{8} + 5\frac{3}{8}$	$17\frac{3}{8}$
M 1140	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$3\frac{5}{16}$	$5\frac{1}{16} + 9\frac{7}{16}$	$17\frac{13}{16}$
M 1141	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	3	$10\frac{1}{16} + 3\frac{1}{16}$	$16\frac{3}{4}$
M 1142	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$3\frac{5}{16}$	$9\frac{13}{16} + 9\frac{13}{16}$	$22\frac{13}{16}$
M 1144	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$7\frac{1}{4}$	$9\frac{5}{8} + 9\frac{5}{8}$	$26\frac{1}{2}$
M 1145	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{5}{32}$	$7\frac{1}{4}$	$2\frac{11}{32} + 2\frac{11}{32}$	$11\frac{15}{16}$

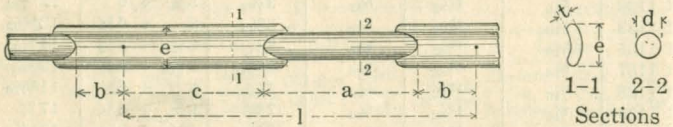
CARNEGIE STEEL COMPANY

BEVEL EDGE CLIPS



Section Index	Round	Bevel Edge		Lengths		
	Diameter, d, Inches	Width, e, Inches	Thickness, t, Inches	Round, a, Inches	Bevel Edge, b + c, Inches	Total, l, Inches
M 1050	$\frac{7}{16}$	$\frac{3}{4}$	$\frac{11}{64}$	$3\frac{3}{8}$	$5\frac{7}{8} + 5\frac{7}{8}$	$15\frac{1}{8}$
M 1051	$\frac{7}{16}$	$\frac{3}{4}$	$\frac{11}{64}$	$3\frac{1}{4}$	$5\frac{11}{16} + 5\frac{11}{16}$	$14\frac{5}{8}$
M 1053	$\frac{7}{16}$	$\frac{3}{4}$	$\frac{11}{64}$	$2\frac{7}{8}$	$3\frac{1}{8} + 3\frac{1}{8}$	$9\frac{1}{8}$
M 1057	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	3	$5\frac{3}{8} + 5\frac{3}{8}$	$13\frac{3}{4}$
M 1058	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	3	$4\frac{3}{4} + 4\frac{3}{4}$	$12\frac{1}{2}$
M 1060	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$2\frac{3}{4}$	$3\frac{3}{32} + 3\frac{3}{32}$	$8\frac{15}{16}$
M 1062	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$2\frac{13}{16}$	$2\frac{11}{16} + 2\frac{11}{16}$	$8\frac{3}{16}$
M 1063	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$3\frac{1}{8}$	$3\frac{5}{32} + 3\frac{5}{32}$	$9\frac{7}{16}$
M 1066	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$2\frac{13}{16}$	$3\frac{3}{16} + 3\frac{3}{16}$	$9\frac{3}{16}$
M 1068	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$3\frac{1}{2}$	$3\frac{3}{8} + 7\frac{3}{16}$	$14\frac{9}{16}$
M 1428	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$3\frac{1}{2}$	$5\frac{13}{32} + 5\frac{13}{32}$	$14\frac{13}{16}$
M 1071	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	3	$2\frac{13}{16} + 2\frac{13}{16}$	$8\frac{3}{8}$
M 1072	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$2\frac{3}{4}$	$3\frac{1}{4} + 2\frac{3}{4}$	$8\frac{3}{4}$
M 1075	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$2\frac{7}{8}$	3 + 3	$8\frac{7}{8}$
M 1167	$\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{32}$	$2\frac{3}{4}$	$3\frac{1}{2} + 2\frac{7}{8}$	$9\frac{1}{2}$
M 1078	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{9}{64}$	$2\frac{7}{8}$	$2\frac{1}{2} + 2\frac{1}{2}$	$8\frac{3}{8}$
M 1079	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{9}{64}$	$2\frac{15}{16}$	$6\frac{1}{2} + 3\frac{15}{16}$	$13\frac{3}{8}$
M 1080	$\frac{5}{16}$	$1\frac{7}{32}$	$\frac{9}{64}$	$3\frac{1}{8}$	$3\frac{3}{16} + 3\frac{3}{16}$	$9\frac{1}{2}$

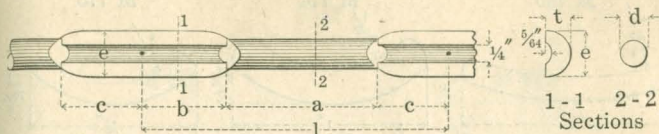
CONCAVE CONVEX CLIPS



Section Index	Round	Concave Convex		Lengths		
	Diameter, d, Inches	Width, e, Inches	Thickness, t, Inches	Round, a, Inches	Concave Convex, b + c, Inches	Total, l, Inches
M 1159	$1\frac{9}{32}$	1	$\frac{3}{16}$	5	5 + 10	20
M 1153	$3\frac{1}{64}$	$1\frac{3}{16}$	$\frac{1}{8}$	$4\frac{9}{16}$	5 + 9	$18\frac{9}{16}$
M 1160	$1\frac{5}{32}$	$2\frac{5}{32}$	$\frac{5}{32}$	$4\frac{11}{32}$	$4\frac{7}{16} + 8\frac{7}{16}$	$17\frac{7}{32}$
M 1163	$1\frac{5}{32}$	$2\frac{5}{32}$	$\frac{5}{32}$	$4\frac{11}{32}$	5 + $10\frac{1}{4}$	$19\frac{19}{32}$
M 1162	$1\frac{3}{32}$	$1\frac{1}{16}$	$\frac{3}{32}$	$4\frac{3}{16}$	$5\frac{5}{16} + 1\frac{5}{16}$	$10\frac{13}{16}$

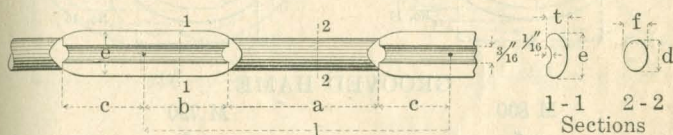
STRAP AND CLIP SECTIONS

BIT MOUTH CLIPS



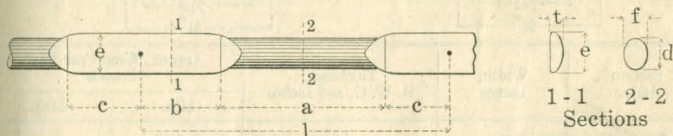
Section Index	Round	Hollow Half Oval		Lengths		
	Diameter, d, Inches	Width, e, Inches	Thickness, t, Inches	Round a, Inches	Hollow Half Oval, b + c, Inches	Total, l, Inches
M 1036	$\frac{7}{16}$	$\frac{5}{8}$	$\frac{17}{64}$	$6\frac{1}{16}$	$12\frac{1}{32} + 12\frac{1}{32}$	$9\frac{3}{8}$
M 1035	$\frac{7}{16}$	$\frac{5}{8}$	$\frac{17}{64}$	$5\frac{7}{8}$	$1\frac{3}{4} + 1\frac{3}{4}$	$9\frac{3}{8}$
M 1034	$\frac{7}{16}$	$\frac{5}{8}$	$\frac{17}{64}$	$5\frac{3}{4}$	$12\frac{3}{32} + 12\frac{3}{32}$	$9\frac{3}{16}$
*M 1093	$\frac{3}{8}$	$1\frac{7}{32}$ full	$\frac{7}{32}$ full	$5\frac{3}{4}$	$12\frac{3}{32} + 12\frac{3}{32}$	$9\frac{3}{16}$

* Furnished only by special arrangement.



Section Index	Oval	Hollow Half Oval		Lengths		
	Diameters, d, f, Inches	Width, e, Inches	Thickness, t, Inches	Oval, a, Inches	Hollow Half Oval, b + c, Inches	Total, l, Inches
*M 1435	$1\frac{5}{32}, 1\frac{11}{32}$	$\frac{41}{64}$	$\frac{1}{4}$	$5\frac{5}{16}$	$1\frac{5}{8} + 1\frac{5}{8}$	$8\frac{9}{16}$

* Furnished only by special arrangement.

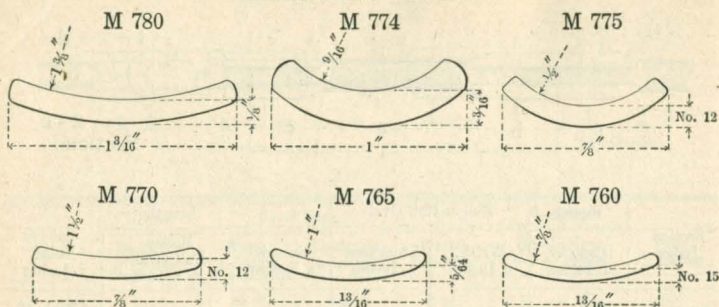


Section Index	Oval	Half Oval		Lengths		
	Diameters, d, f, Inches	Width, e, Inches	Thickness, t, Inches	Oval, a, Inches	Half Oval, b + c, Inches	Total, l, Inches
*M 1436	$1\frac{3}{32}, \frac{5}{16}$	$\frac{35}{64}$	$\frac{13}{64}$	$5\frac{7}{16}$	$1\frac{7}{16} + 1\frac{7}{16}$	$8\frac{5}{16}$

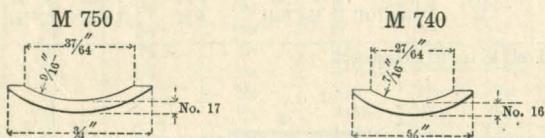
* Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

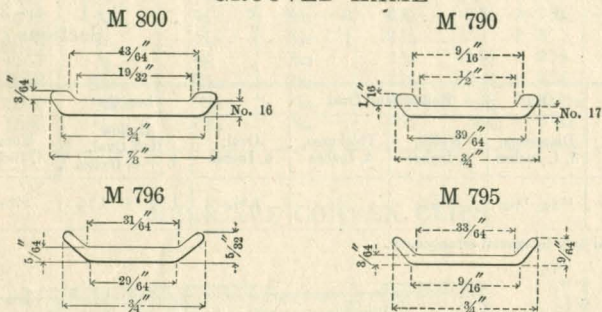
CRESCENT HAME



CONCAVE CONVEX HAME



GROOVED HAME

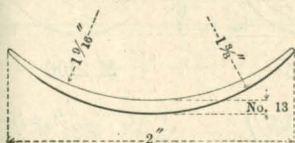


Section Index	Width, Inches	Thickness, B. W. G. and Inches	Approx. Weight per Foot, Pounds	
			Min.	Max.
M 780	1 3/16	1/8	0.502	
M 774	1	5/16	0.680	
M 775	7/8	No. 12 to No. 9	0.334	0.425
M 770	7/8	No. 12 to No. 9	0.327	0.436
M 765	1 3/16	5/64	0.211	
M 760	1 3/16	No. 15 and No. 14	0.213	0.225
M 750	3/4	No. 17 to No. 12	0.140	0.274
M 740	5/8	No. 16 to No. 13	0.121	0.191
M 800	3/4	No. 16 to No. 14	0.212	0.265
M 790	3/4	No. 17 to No. 14	0.168	0.232
M 796	3/4	5/64	0.186	
M 795	3/4	5/64	0.134	

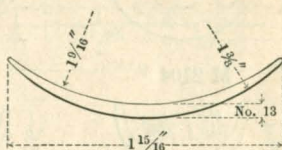
CRESCENT SECTIONS

POLE CAP AND NECK YOKE

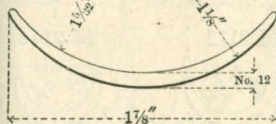
M 813



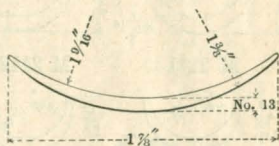
M 812



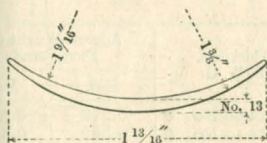
M 814



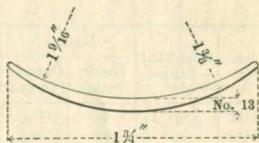
M 811



M 809



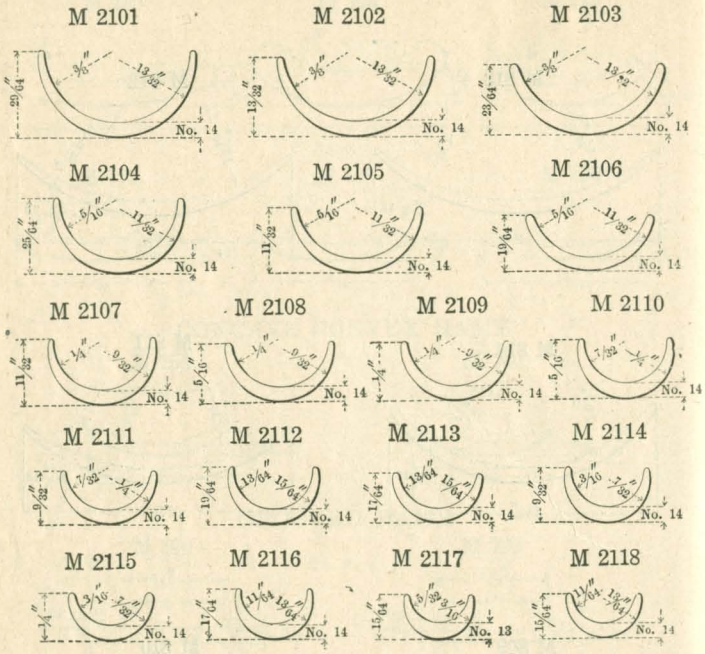
M 810



Section Index	Width, Inches	Radius		Thickness, B. W. G. and Inches	Approx. Weight per Foot, Pounds	
		Inside, Inches	Outside, Inches		Min.	Max.
M 813	2	1 9/16	1 3/8	No. 13 to No. 7	0.540	1.094
M 812	1 15/16	1 9/16	1 3/8	No. 13 to No. 7	0.516	1.063
M 814	1 7/8	1 5/8	1 1/8	No. 12 to No. 7	0.690	1.101
M 811	1 7/8	1 7/16	1 3/8	No. 13 to No. 7	0.510	1.031
M 809	1 13/16	1 9/16	1 3/8	No. 13 to No. 7	0.489	1.007
M 810	1 3/4	1 9/16	1 3/8	No. 13 to No. 7	0.468	.967

CARNEGIE STEEL COMPANY

CRESCENTS



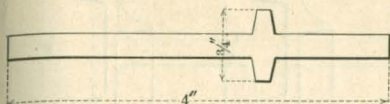
Section Index	Commercial Name	Radius		Height, Inches	Thickness, B. W. G.	Approx. Weight per Foot, Pounds	
		Inside, Inches	Outside, Inches			Min.	Max.
M 2101	$\frac{3}{4}$	$\frac{3}{8}$	$1\frac{3}{32}$	$2\frac{9}{64}$	No. 14 to No. 8	0.272	0.479
M 2102	$\frac{3}{4}$	$\frac{3}{8}$	$1\frac{3}{32}$	$1\frac{3}{32}$	No. 14 to No. 9	0.262	0.423
M 2103	$\frac{3}{4}$	$\frac{3}{8}$	$1\frac{3}{32}$	$2\frac{3}{64}$	No. 14 to No. 12	0.250	0.313
M 2104	$\frac{5}{8}$	$\frac{5}{16}$	$1\frac{1}{32}$	$2\frac{5}{64}$	No. 14 to No. 8	0.230	0.401
M 2105	$\frac{5}{8}$	$\frac{5}{16}$	$1\frac{1}{32}$	$1\frac{1}{32}$	No. 14 to No. 9	0.219	0.352
M 2106	$\frac{5}{8}$	$\frac{5}{16}$	$1\frac{1}{32}$	$1\frac{9}{64}$	No. 14 to No. 12	0.206	0.257
M 2107	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{9}{32}$	$1\frac{1}{32}$	No. 14 to No. 9	0.190	0.300
M 2108	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	No. 14 to No. 9	0.184	0.291
M 2109	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{1}{4}$	No. 14 to No. 12	0.167	0.208
M 2110	$\frac{7}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{5}{16}$	No. 14 to No. 9	0.169	0.265
M 2111	$\frac{7}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{9}{32}$	No. 14 to No. 9	0.162	0.255
M 2112	$1\frac{3}{32}$	$1\frac{3}{64}$	$1\frac{5}{64}$	$1\frac{9}{64}$	No. 14 to No. 9	0.158	0.247
M 2113	$1\frac{3}{32}$	$1\frac{3}{64}$	$1\frac{5}{64}$	$1\frac{7}{64}$	No. 14 to No. 9	0.151	0.237
M 2114	$\frac{3}{8}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{9}{32}$	No. 14 to No. 10	0.147	0.212
M 2115	$\frac{3}{8}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	No. 14 to No. 11	0.141	0.187
M 2116	$1\frac{1}{32}$	$1\frac{1}{64}$	$1\frac{3}{64}$	$1\frac{7}{64}$	No. 14 to No. 10	0.136	0.196
M 2117	$\frac{5}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$1\frac{5}{64}$	No. 13 to No. 10	0.135	0.177
M 2118	$1\frac{1}{32}$	$1\frac{1}{64}$	$1\frac{3}{64}$	$1\frac{5}{64}$	No. 14 to No. 12	0.126	0.159

Crescents are rolled to gage and the weights given are approximate.

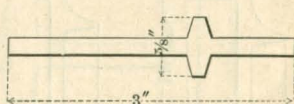
WINDOW SECTIONS

SASH AND CASEMENT SECTIONS

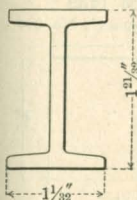
* M 1239
Customer's No. 108



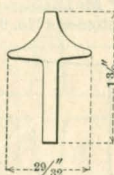
* M 1243
Customer's No. 101



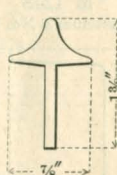
* M 1226
Customer's No. 103



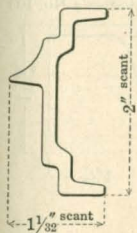
* M 1220
Customer's No. 90



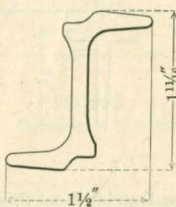
* M 1298
Customer's No. 090



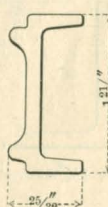
* M 1225
Customer's No. 97



* M 1215
Customer's No. 105



* M 1227
Customer's No. 104



Rolled for Detroit Steel Products Co.

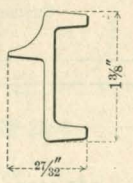
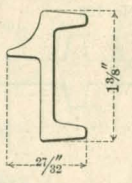
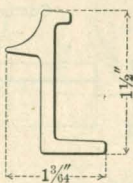
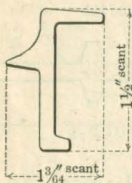
Section Index	Customer's Number	Size, Inches
*M 1239	108	4 x 3/4
*M 1243	101	3 x 5/8
*M 1226	103	1 21/32 x 1 1/32
*M 1220	90	1 3/8 x 29/32
*M 1298	090	1 3/8 x 7/8
*M 1225	97	2 scant x 1 1/32 scant
*M 1215	105	1 11/16 x 1 1/2
*M 1227	104	1 21/32 x 25/32

* Furnished only by special arrangement.

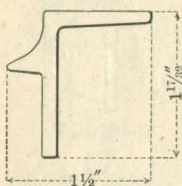
CARNEGIE STEEL COMPANY

SASH AND CASEMENT SECTIONS—Continued

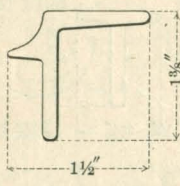
* M 1224 Customer's No. 96 * M 1223 Customer's No. 95 * M 1221 Customer's No. 92 * M 1299 Customer's No. 092



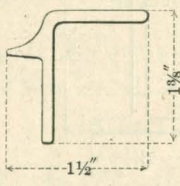
* M 1248 Customer's No. 70



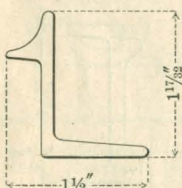
* M 1275 Customer's No. 94



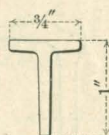
* M 1439 Customer's No. 094



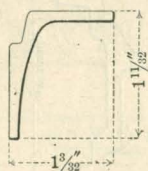
* M 1434 Customer's No. 71



* T 528 Customer's No. 60



* M 1222 Customer's No. 102



Rolled for Detroit Steel Products Co.

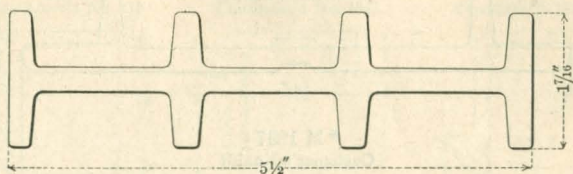
Section Index	Customer's Number	Size, Inches
*M 1224	96	1 1/2 scant x 1 3/64 scant
*M 1223	95	1 1/2 x 1 3/64
*M 1221	92	1 3/8 x 27/32
*M 1299	092	1 3/8 x 27/32
*M 1248	70	1 17/32 x 1 1/2
*M 1275	94	1 3/8 x 1 1/2
*M 1439	094	1 3/8 x 1 1/2
*M 1434	71	1 17/32 x 1 1/2
*T 528	60	1 x 3/4
*M 1222	102	1 11/32 x 1 3/32

* Furnished only by special arrangement.

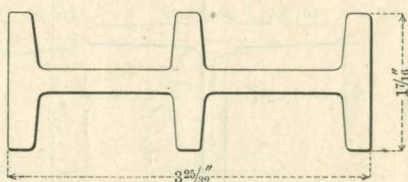
WINDOW SECTIONS

SASH AND CASEMENT SECTIONS—Continued

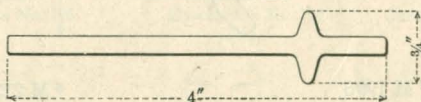
* M 1994
Customer's No. 105



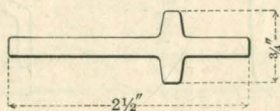
* M 1999
Customer's No. 123



* M 1993
Customer's No. 116



* M 1985
Customer's No. 102



Rolled for David Lupton's Sons Co.

Section Index	Customer's Number	Size, Inches
*M 1994	105	5 1/2 x 1 7/16
*M 1999	123	3 25/32 x 1 7/16
*M 1993	116	4 x 1 1/16 4 x 1 5/16
*M 1985	102	4 x 3/4 2 1/2 x 3/4

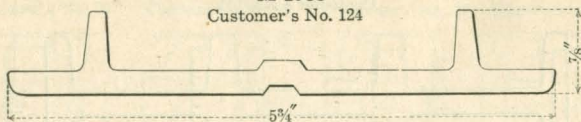
* Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

SASH AND CASEMENT SECTIONS—Continued

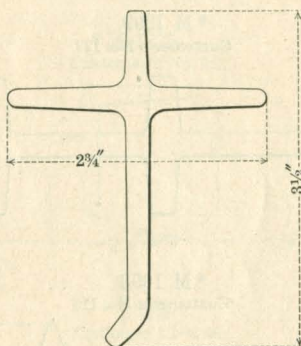
* M 1988

Customer's No. 124



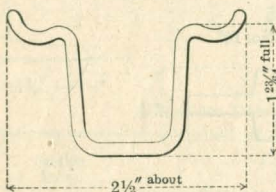
* M 1997

Customer's No. 107



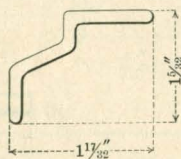
* M 1996

Customer's No. 115



* M 2122

Customer's No. 135



Rolled for David Lupton's Sons Co.

Section Index	Customer's Number	Size, Inches
*M 1988	124	5 3/4 x 7/8
*M 1997	107	2 3/4 x 3 1/2
*M 1996	115	2 1/2 abt. x 1 2 3/4 full
*M 2122	135	1 17/32 x 1 1/32

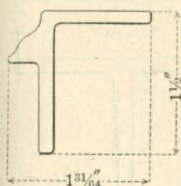
* Furnished only by special arrangement.

WINDOW SECTIONS

SASH AND CASEMENT SECTIONS—Continued

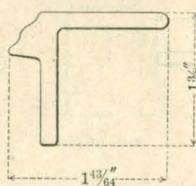
* M 1892

Customer's No. 119



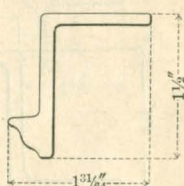
* M 1998

Customer's No. 108



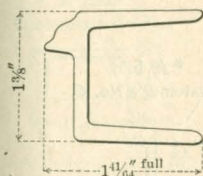
* M 1891

Customer's No. 118



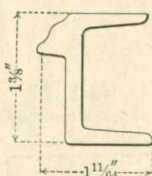
* M 1992

Customer's No. 110



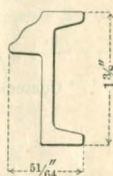
* M 1986

Customer's No. 104



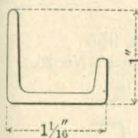
* M 1991

Customer's No. 101



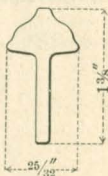
* M 1995

Customer's No. 106



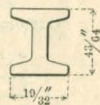
* M 1990

Customer's No. 100



* M 1989

Customer's No. 70



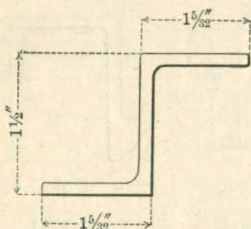
Rolled for David Lupton's Sons Co.

Section Index	Customer's Number	Size, Inches
*M 1892	119	1 1/2 x 1 31/64
*M 1998	108	1 3/8 x 1 43/64
*M 1891	118	1 1/2 x 1 31/64
*M 1992	110	1 3/8 x 1 41/64 full
*M 1986	104	1 3/8 x 1 11/64
*M 1991	101	1 3/8 x 5 1/64
*M 1995	106	1 x 1 1/16
*M 1990	100	1 3/8 x 2 5/32
*M 1989	70	4 3/64 x 1 9/32

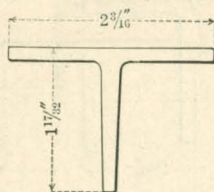
* Furnished only by special arrangement.

SASH AND CASEMENT SECTIONS—Continued

* Z 501
Customer's No. 145



* T 524
Customer's No. 196



* A 531
Customer's No. 42

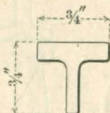


* A 528
Customer's No. 41



Rolled for David Lupton's Sons Co.

* T 522
Customer's No. 21



* A 955
Customer's No. 20



Rolled for Trussed Concrete Steel Co.

Section Index	Customer's Number	Size, Inches
*Z 501	145	1 1/2 x 1 5/32
*T 524	196	2 3/16 x 1 17/32
*A 531	42	1/2 x 5/16
*A 528	41	1/2 x 5/16
*T 522	21	3/4 x 3/4
*A 955	20	1/2 x 3/8

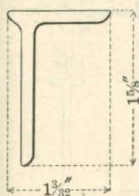
* Furnished only by special arrangement.

For complete dimensions of the above sections, see pages 57, 62, 67, 73 and 79.

WINDOW SECTIONS

SASH AND CASEMENT SECTIONS—Continued

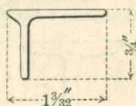
* M 1878
Customer's No. 3



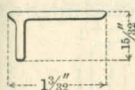
* M 1883
Customer's No. 4



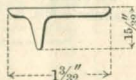
* M 1887
Customer's No. 7



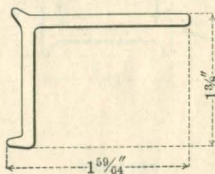
* M 1869
Customer's No. C



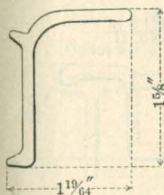
* M 1895
Customer's No. 1



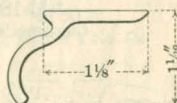
* M 2180
Customer's No. J



* M 2181
Customer's No. K



* M 1885
Customer's No. 5



Rolled for Trussed Concrete Steel Co.

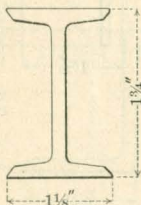
Section Index	Customer's Number	Size, Inches
*M 1878	8	1 5/8 x 1 3/32
*M 1883	4	1 1/4 x 1 3/32
*M 1887	7	3/4 x 1 3/32
*M 1869	C	1 5/32 x 1 3/32
*M 1895	1	1 5/32 x 1 3/32
*M 2180	J	1 3/8 x 1 59/64
*M 2181	K	1 5/8 x 1 19/64
*M 1885	5	1 1/32 x 1 1/8

* Furnished only by special arrangement.

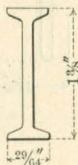
CARNEGIE STEEL COMPANY

SASH AND CASEMENT SECTIONS—Continued

* M 1898
Customer's No. F



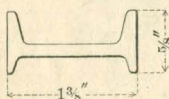
* M 1881
Customer's No. 2



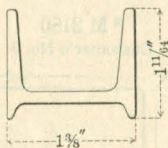
* M 1880
Customer's No. O



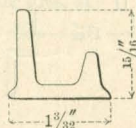
* M 1882
Customer's No. 3



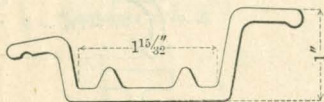
* M 1897
Customer's No. D



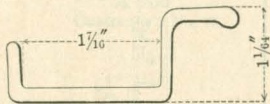
* M 1872
Customer's No. 6



* M 1894
Customer's No. 14



* M 1879
Customer's No. 11



Rolled for Trussed Concrete Steel Co.

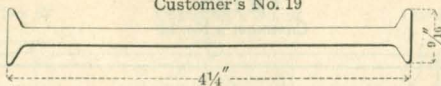
Section Index	Customer's Number	Size, Inches
*M 1898	F	1 3/4 x 1 1/8
*M 1881	2	1 3/8 x 29/64
*M 1880	O	1 9/32 x 3/8 x 5/16
*M 1882	3	1 3/8 x 5/8
*M 1897	D	1 3/8 x 1 11/64
*M 1872	6	1 3/32 x 15/16
*M 1894	14	1 15/32 x 1
*M 1879	11	1 7/16 x 1 1/4

* Furnished only by special arrangement.

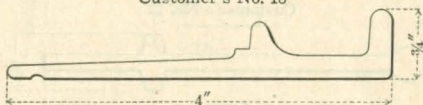
WINDOW SECTIONS

SASH AND CASEMENT SECTIONS—Continued

* M 2185
Customer's No. 19



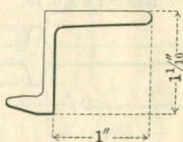
* M 2184
Customer's No. 18



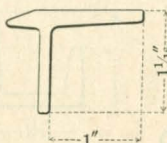
* M 2128
Customer's No. 504



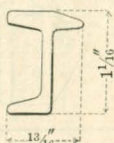
* M 2127
Customer's No. 503



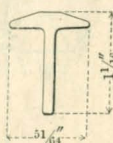
* M 2126
Customer's No. 502



* M 2125
Customer's No. 501



* M 2124
Customer's No. 500



Rolled for Trussed Concrete Steel Co.

Section Index	Customer's Number	Size, Inches
*M 2185	19	4 1/4 x 9/16
*M 2184	18	4 x 3/4
*M 2128	504	1 1/2 x 13/16
*M 2127	503	1 1/16 x 1
*M 2126	502	1 1/16 x 1
*M 2125	501	1 1/16 x 13/16
*M 2124	500	1 1/16 x 51/64

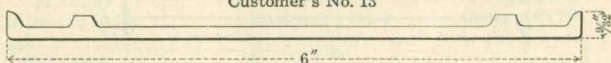
* Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

SASH AND CASEMENT SECTIONS—Continued

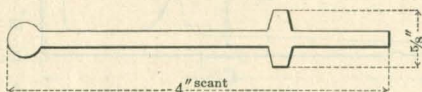
* M 1899

Customer's No. 13



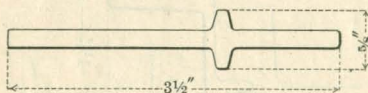
* M 1877

Customer's No. 12



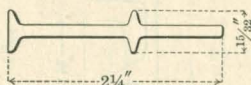
* M 1886

Customer's No. 10



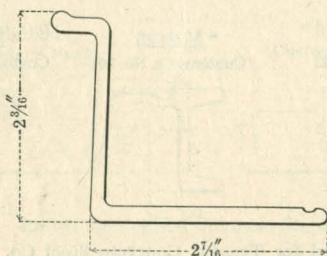
* M 1873

Customer's No. 9



* M 1893

Customer's No. 15



Rolled for Trussed Concrete Steel Co.

Section Index	Customer's Number	Size, Inches
*M 1899	13	6 x $\frac{9}{32}$
*M 1877	12	4 scant x $\frac{5}{8}$
*M 1886	10	$3\frac{1}{2}$ x $\frac{5}{8}$
*M 1873	9	$2\frac{1}{4}$ x $1\frac{1}{2}$
*M 1893	15	$2\frac{7}{16}$ x $2\frac{3}{16}$

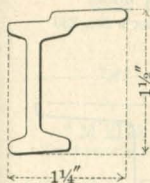
* Furnished only by special arrangement.

WINDOW SECTIONS

SASH AND CASEMENT SECTIONS—Continued

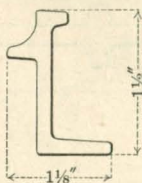
* M 2147

Customer's No. 61



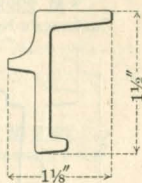
* M 2148

Customer's No. 62



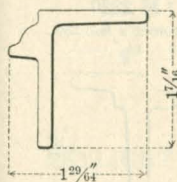
* M 2149

Customer's No. 63



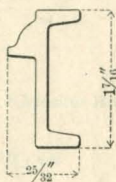
* M 1874

Customer's No. 104



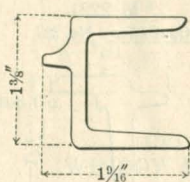
* M 1875

Customer's No. 105



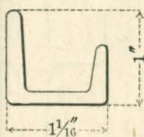
* M 2138

Customer's No. 64



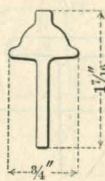
* M 1884

Customer's No. 106



* M 1888

Customer's No. 101



* M 1889

Customer's No. 102



Rolled for Trussed Concrete Steel Co. of Canada

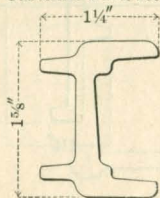
Section Index	Customer's Number	Size, Inches
*M 2147	61	1 1/2 x 1 1/4
*M 2148	62	1 1/2 x 1 1/8
*M 2149	63	1 1/2 x 1 1/8
*M 1874	104	1 7/16 x 1 29/64
*M 1875	105	1 7/16 x 25/32
*M 2138	64	1 3/8 x 1 9/16
*M 1884	106	1 x 1 1/16
*M 1888	101	1 7/16 x 3/4
*M 1889	102	3/8 x 1/2

* Furnished only by special arrangement.

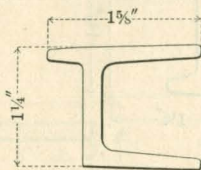
CARNEGIE STEEL COMPANY

SASH AND CASEMENT SECTIONS—Continued

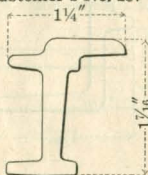
* M 2223
Customer's No. 288



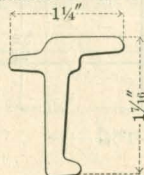
* M 2222
Customer's No. 289



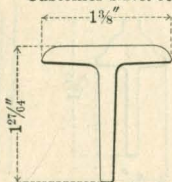
* M 2221
Customer's No. 287



* M 2220
Customer's No. 285



* T 530
Customer's No. 501



Rolled for Crittall Casement Co.

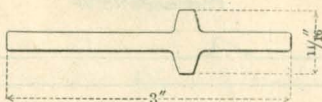
Section Index	Customer's Number	Size, Inches
*M 2223	288	1 5/8 x 1 1/4
*M 2222	289	1 1/4 x 1 5/8
*M 2221	287	1 7/16 x 1 1/4
*M 2220	285	1 7/16 x 1 1/4
*T 530	501	1 27/64 x 1 3/8

* Furnished only by special arrangement.

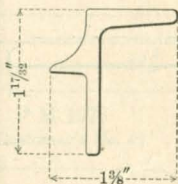
WINDOW SECTIONS

SASH AND CASEMENT SECTIONS—Concluded

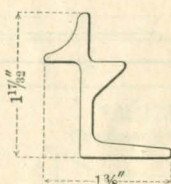
* M 1239
Customer's No. 5



* M 2123
Customer's No. 3



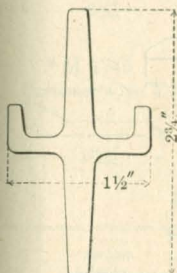
* M 2182
Customer's No. 4



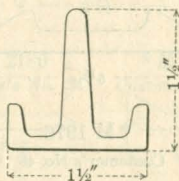
Rolled for Mesker Bros. Iron Co.

SKYLIGHT SECTIONS

* M 1896
Customer's No. 2

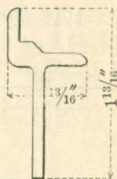


* M 1871
Customer's No. 1



DECK WINDOW FRAME SECTION

* M 1680



Rolled for National Ventilating Co.

Section Index	Customer's Number	Size, Inches
*M 1289	5	$1\frac{1}{16} \times 3$
*M 2123	3	$1\frac{17}{32} \times 1\frac{3}{8}$
*M 2182	4	$1\frac{17}{32} \times 1\frac{3}{8}$
*M 1896	2	$2\frac{3}{4} \times 1\frac{1}{2}$
*M 1871	1	$1\frac{1}{2} \times 1\frac{1}{2}$
*M 1680	..	$1\frac{13}{16} \times 1\frac{13}{16}$

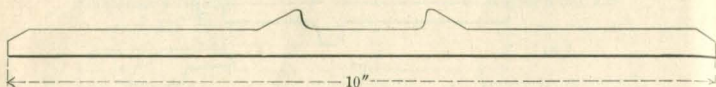
* Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

DUAL FELLOE BANDS

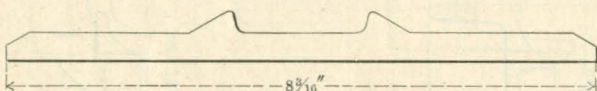
* M 1789

Customer's No. 59



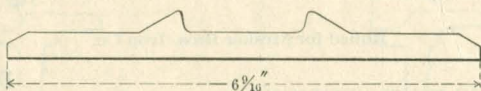
* M 1979

Customer's No. 49



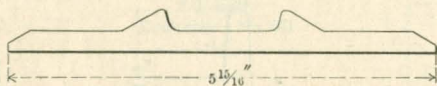
* M 1978

Customer's No. 48



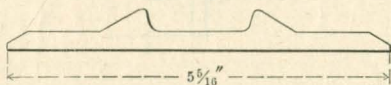
* M 1977

Customer's No. 47



* M 1976

Customer's No. 46



Rolled for Firestone Tire & Rubber Co.

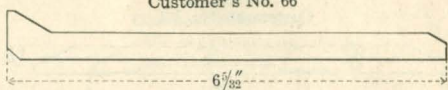
Section Index	Customer's Number	Size, Inches
*M 1789	59	10
*M 1979	49	8 $\frac{3}{16}$
*M 1978	48	6 $\frac{9}{16}$
*M 1977	47	5 $\frac{1}{2}$
*M 1976	46	5 $\frac{5}{16}$

* Furnished only by special arrangement.

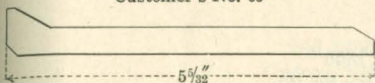
AUTOMOBILE SECTIONS

SINGLE FELLOE BANDS

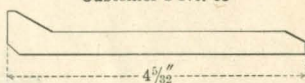
* M 1796
Customer's No. 66



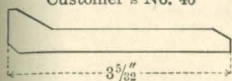
* M 1795
Customer's No. 65



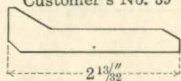
* M 1788
Customer's No. 58



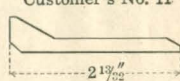
* M 1970
Customer's No. 40



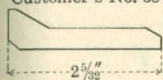
* M 1959
Customer's No. 39



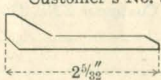
* M 1751
Customer's No. 11



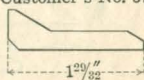
* M 1958
Customer's No. 38



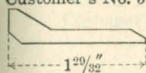
* M 1749
Customer's No. 9



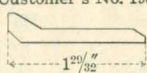
* M 1957
Customer's No. 37



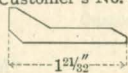
* M 1745
Customer's No. 5



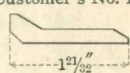
* M 2186
Customer's No. 195



* M 1744
Customer's No. 4



* M 2174
Customer's No. 185



Rolled for Firestone Tire & Rubber Co.

Section Index	Customer's Number	Size, Inches
*M 1796	66	6 5/32
*M 1795	65	5 5/32
*M 1788	58	4 5/32
*M 1970	40	3 5/32
*M 1959	39	2 13/32
*M 1751	11	2 13/32
*M 1958	38	2 5/32
*M 1749	9	2 5/32
*M 1957	37	1 29/32
*M 1745	5	1 29/32
*M 2186	195	1 29/32
*M 1744	4	1 21/32
*M 2174	185	1 21/32

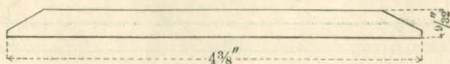
* Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

BASE BANDS

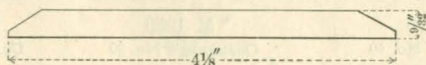
*M 1856

Customer's No. 161



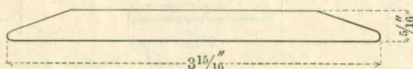
*M 1855

Customer's No. 160



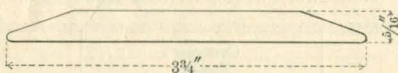
*M 1743

Customer's No. 110



*M 1742

Customer's No. 109



Rolled for Firestone Tire & Rubber Co.

Section Index	Customer's Number	Size, Inches
*M 1856	161	$4\frac{3}{8}$ x $\frac{9}{32}$
*M 1855	160	$4\frac{1}{8}$ x $\frac{9}{32}$
*M 1743	110	$3\frac{15}{16}$ x $\frac{5}{16}$
*M 1742	109	$3\frac{3}{4}$ x $\frac{5}{16}$

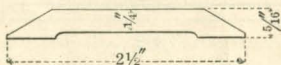
*Furnished only by special arrangement.

AUTOMOBILE SECTIONS

BASE BANDS

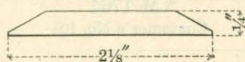
* M 1758

Customer's No. 101



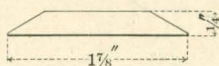
* M 1750

Customer's No. 10



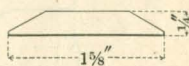
* M 1747

Customer's No. 7



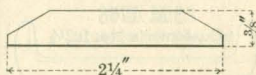
* M 1746

Customer's No. 6



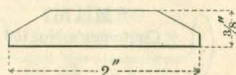
* M 1797

Customer's No. 166



* M 1798

Customer's No. 165



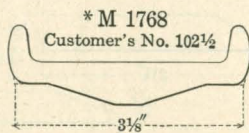
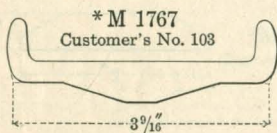
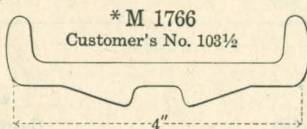
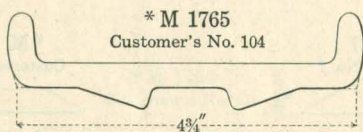
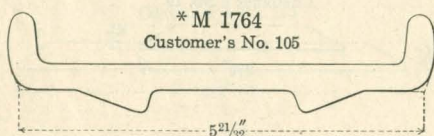
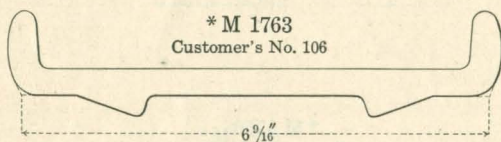
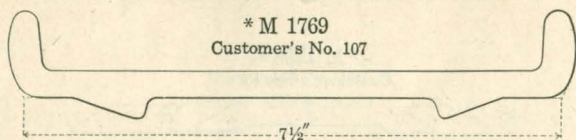
Rolled for Firestone Tire & Rubber Co.

Section Index	Customer's Number	Size, Inches
*M 1758	101	2 1/2 x 5/16
*M 1750	10	2 1/8 x 1/4
*M 1747	7	1 7/8 x 1/4
*M 1746	6	1 5/8 x 1/4
*M 1797	166	2 1/4 x 3/8
*M 1798	165	2 x 3/8

* Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

REMOVABLE CHANNEL RIM SECTIONS



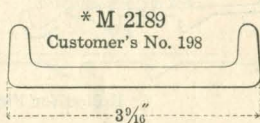
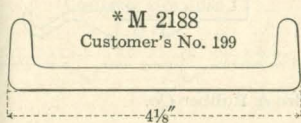
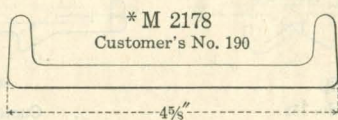
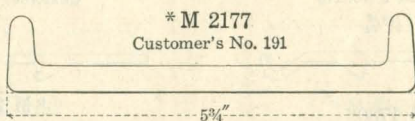
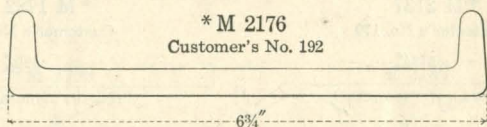
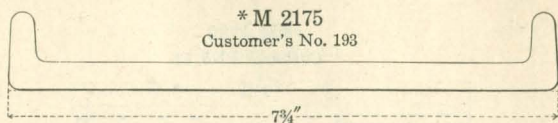
Rolled for Firestone Tire & Rubber Co.

Section Index	Customer's Number	Size, Inches
*M 1769	107	7 1/2
*M 1763	106	6 9/16
*M 1764	105	5 21/32
*M 1765	104	4 3/4
*M 1766	103 1/2	4
*M 1767	103	3 9/16
*M 1768	102 1/2	3 1/8

* Furnished only by special arrangement.

AUTOMOBILE SECTIONS

PRESSED ON CHANNEL RIM SECTIONS



Rolled for Firestone Tire & Rubber Co.

Section Index	Customer's Number	Size, Inches
*M 2175	193	7 ³ / ₄
*M 2176	192	6 ³ / ₄
*M 2177	191	5 ³ / ₄
*M 2178	190	4 ⁵ / ₈
*M 2188	199	4 ¹ / ₈
*M 2189	198	3 ⁹ / ₁₆

* Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

DEMOUNTABLE RIM SECTIONS

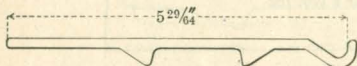
* M 1783

Customer's No. 53



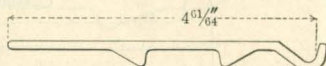
* M 2137

Customer's No. 179



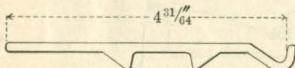
* M 1782

Customer's No. 52



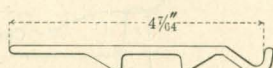
* M 2136

Customer's No. 178



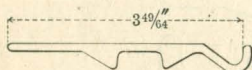
* M 1781

Customer's No. 51



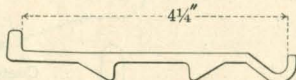
* M 1780

Customer's No. 50



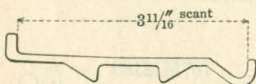
* M 2119

Customer's No. 152



* M 2120

Customer's No. 151



* M 2121

Customer's No. 150



Rolled for Firestone Tire & Rubber Co.

Section Index	Customer's Number	Size, Inches
*M 1783	53	6 3/32
*M 2137	179	5 29/64
*M 1782	52	4 61/64
*M 2136	178	4 31/64
*M 1781	51	4 7/64
*M 1780	50	3 49/64
*M 2119	152	4 1/4
*M 2120	151	3 11/16 Scant
*M 2121	150	3 9/32

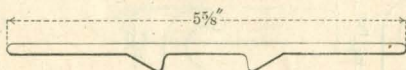
* Furnished only by special arrangement.

AUTOMOBILE SECTIONS

DEMOUNTABLE RIM SECTIONS

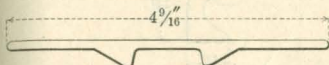
* M 1854

Customer's No. 170



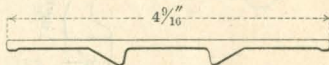
* M 1799

Customer's No. 169



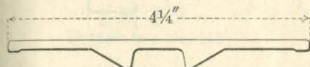
* M 2187

Customer's No. 196



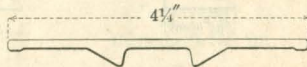
* M 1792

Customer's No. 168



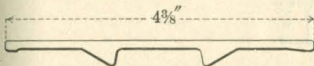
* M 2179

Customer's No. 203



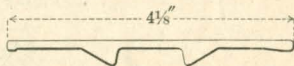
* M 2251

Customer's No. 205



* M 2250

Customer's No. 204



Rolled for Firestone Tire & Rubber Co.

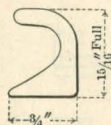
Section Index	Customer's Number	Size, Inches
*M 1854	170	5 5/8
*M 1799	169	4 9/16
*M 2187	196	4 9/16
*M 1792	168	4 1/4
*M 2179	203	4 1/4
*M 2251	205	4 3/8
*M 2250	204	4 3/8

* Furnished only by special arrangement.

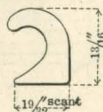
CARNEGIE STEEL COMPANY

CLINCHER TIRE SIDE RING SECTIONS

* M 1955
Customer's No. 35



* M 1960
Customer's No. 134



* M 1954
Customer's No. 34



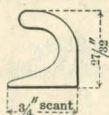
* M 1952
Customer's No. 133



* M 1953
Customer's No. 33



* M 2173
Customer's No. 182



* M 2172
Customer's No. 181



* M 2171
Customer's No. 180



STRAIGHT SIDE TIRE RING SECTION

* M 1786
Customer's No. 56



Rolled for Firestone Tire & Rubber Co.

Section Index	Customer's Number	Size, Inches
*M 1955	35	3/4 x 15/16 Full
*M 1960	134	19/32 Scant x 13/16
*M 1954	34	1/2 x 25/32 Full
*M 1952	133	1/2 x 21/32 Full
*M 1953	33	7/16 x 21/32
*M 2173	182	3/4 Scant x 27/32
*M 2172	181	9/16 x 3/4
*M 2171	180	1/2 x 1 1/16
*M 1786	56	15/32 x 41/64

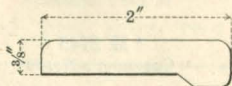
* Furnished only by special arrangement.

AUTOMOBILE SECTIONS

MISCELLANEOUS RIM SECTIONS

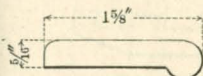
* M 1791

Customer's No. 114



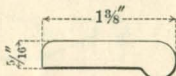
* M 1748

Customer's No. 8



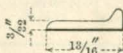
* M 1182

Customer's No. 3



* M 1181

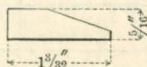
Customer's No. 2



WEDGE RING SECTIONS

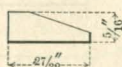
* M 1729

Customer's No. 113



* M 1728

Customer's No. 112



CLAMPING RING SECTION

* M 1741

Customer's No. 1



Rolled for Firestone Tire & Rubber Co.

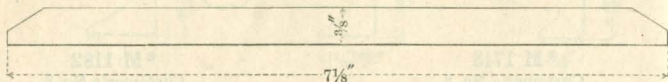
Section Index	Customer's Number	Size, Inches
*M 1791	114	2 x 3/8
*M 1748	8	1 5/8 x 5/16
*M 1182	3	1 3/8 x 5/16
*M 1181	2	1 3/16 x 3/32
*M 1729	113	1 3/32 x 5/16
*M 1728	112	27/32 x 5/16
*M 1741	1	7/16 x 7/16

* Furnished only by special arrangement.

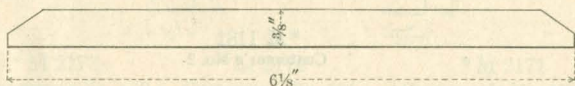
CARNEGIE STEEL COMPANY

BASE BANDS

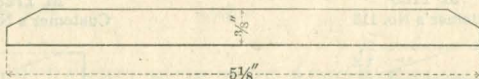
* M 2145
Customer's No. 99



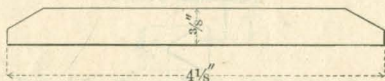
* M 2144
Customer's No. 98



* M 2143
Customer's No. 97



* M 2142
Customer's No. 96



Rolled for Kelsey Wheel Co.

Section Index	Customer's Number	Size, Inches
*M 2145	99	$7\frac{1}{8} \times \frac{3}{8}$
*M 2144	98	$6\frac{1}{8} \times \frac{3}{8}$
*M 2143	97	$5\frac{1}{8} \times \frac{3}{8}$
*M 2142	96	$4\frac{1}{8} \times \frac{3}{8}$

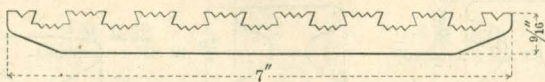
* Furnished only by special arrangement.

AUTOMOBILE SECTIONS

CORRUGATED BASE BANDS

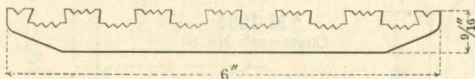
* M 1288

Customer's No. 79



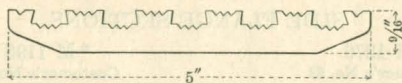
* M 1287

Customer's No. 78



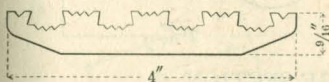
* M 1286

Customer's No. 77



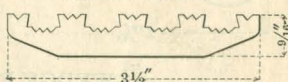
* M 1285

Customer's No. 76



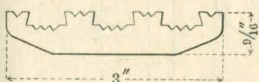
* M 1284

Customer's No. 75



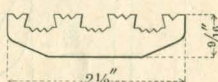
* M 1283

Customer's No. 74



* M 1282

Customer's No. 73



Rolled for Kelsey Wheel Co.

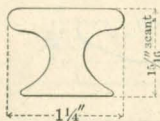
Section Index	Customer's Number	Size, Inches
*M 1288	79	7 x 9/16
*M 1287	78	6 x 9/16
*M 1286	77	5 x 9/16
*M 1285	76	4 x 9/16
*M 1284	75	3 1/2 x 9/16
*M 1283	74	3 x 9/16
*M 1282	73	2 1/2 x 9/16

* Furnished only by special arrangement.

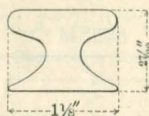
CARNEGIE STEEL COMPANY

CENTER RING SECTIONS

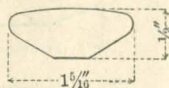
* M 1196
Customer's No. 61



* M 1277
Customer's No. 63

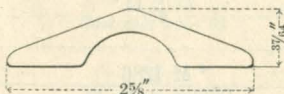


* M 2140
Customer's No. 94



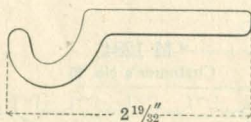
CENTER WEDGE RING SECTION

* M 1234
Customer's No. 80

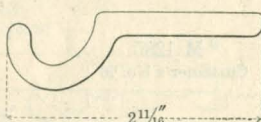


SIDE FLANGE SECTIONS

* M 1276
Customer's No. 62

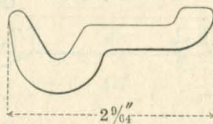


* M 1195
Customer's No. 60



WEDGE FLANGE SECTION

* M 2146
Customer's No. 100



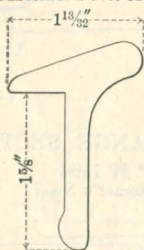
Rolled for Kelsey Wheel Co.

Section Index	Customer's Number	Size, Inches
*M 1196	61	1 1/4 x 1 5/16 Scant
*M 1277	63	1 1/8 x 2 7/16
*M 2140	94	1 5/16 x 1/2
*M 1234	80	2 5/8 x 3 7/16
*M 1276	62	2 10/32
*M 1195	60	2 11/16
*M 2146	100	2 9/64

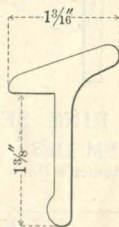
* Furnished only by special arrangement.

OUTER WEDGE FLANGE SECTIONS

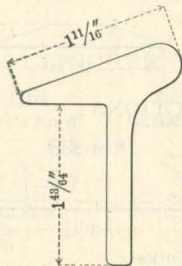
* M 1232
Customer's No. 82



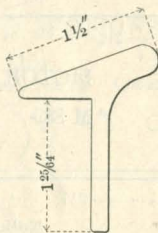
* M 1231
Customer's No. 83



* M 1229
Customer's No. 116



* M 1233
Customer's No. 115



Rolled for Kelsey Wheel Co.

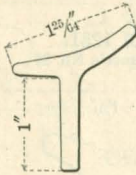
Section Index	Customer's Number	Size, Inches
*M 1232	82	1 5/8 x 1 13/32
*M 1231	83	1 3/8 x 1 3/16
*M 1229	116	1 43/64 x 1 11/16
*M 1233	115	1 25/64 x 1 1/2

* Furnished only by special arrangement.

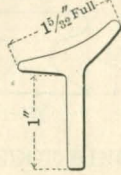
CARNEGIE STEEL COMPANY

CONTINUOUS WEDGE SECTIONS

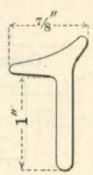
* M 1184
Customer's No. G



* M 1185
Customer's No. F

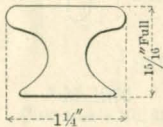


* M 1186
Customer's No. E



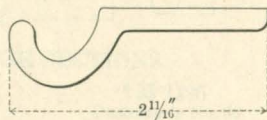
CENTER RING SECTION

* M 1183
Customer's No. 8



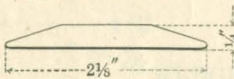
SIDE FLANGE SECTION

* M 1194
Customer's No. 7

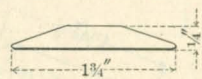


BEVEL EDGE FELLOE BANDS

* M 1109
Customer's No. 11

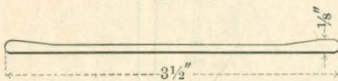


* M 1108
Customer's No. 12

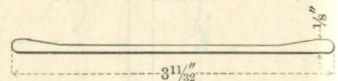


MOTOR CYCLE RIM SECTIONS

* M 889



* M 888



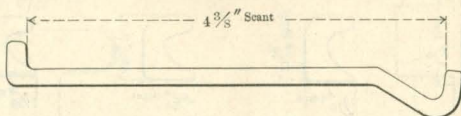
Rolled for Mott Wheel Works

Section Index	Customer's Number	Size, Inches
*M 1184	G	1 x 1 25/64
*M 1185	F	1 x 1 5/32
*M 1186	E	1 x 7/8
*M 1183	8	1 1/4 x 1 5/16 Full
*M 1194	7	2 11/16
*M 1109	11	2 1/8 x 1/4
*M 1108	12	1 3/4 x 1/4
*M 889	....	3 1/2 x 1/8
*M 888	....	3 11/32 x 1/8

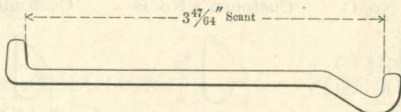
* Furnished only by special arrangement.

DETACHABLE RIM SECTIONS

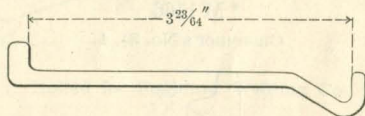
* M 1247
Customer's No. 3



* M 1246
Customer's No. 2



* M 1245
Customer's No. 1



CLINCHER TIRE SIDE RING SECTIONS

* M 1164
Customer's No. 6



* M 1165
Customer's No. 5



* M 1154
Customer's No. 10



* M 1155
Customer's No. 9



Rolled for Mott Wheel Works

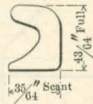
Section Index	Customer's Number	Size, Inches
*M 1247	3	4 3/8 Scant
*M 1246	2	3 47/64 Scant
*M 1245	1	3 23/64
*M 1164	6	19/32 x 53/64
*M 1165	5	1/2 x 21/32 Full
*M 1154	10	19/32 x 53/64
*M 1155	9	1/2 x 21/32

* Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

CLINCHER TIRE SIDE RING SECTIONS

* M 1179 Customer's No. 4½, 5 * M 1189 Customer's No. 4 * M 1178 Customer's No. 3½ * M 1177 Customer's No. 2½, 3

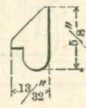
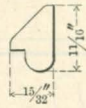


KEY RING SECTIONS

* M 1009 Customer's No. C

* M 1008 Customer's No. B

* M 1007 Customer's No. A



LOCKING RING SECTIONS

* M 1180 Customer's No. 4½, 5

* M 1166 Customer's No. 3½, 4

* M 1168



* M 1169 Customer's No. 17

* M 1956 Customer's No. 36



Rolled for Union Drawn Steel Co.

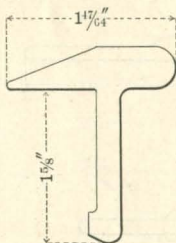
Section Index	Customer's Number	Size, Inches
*M 1179	4½, 5	47/64 scant x 7/8 full
*M 1189	4	9/16 scant x 11/16 scant
*M 1178	3½	35/64 scant x 43/64 full
*M 1177	2½, 3	9/16 scant x 5/8 full
*M 1009	C	17/32 x 3/4
*M 1008	B	15/32 x 11/16
*M 1007	A	13/32 x 5/8
*M 1180	4½, 5	5/8 x 43/64
*M 1166	3½, 4	9/16 x 39/64
*M 1168		29/64 x .557
*M 1169	17	9/16 scant x 10/32 scant
*M 1956	36	7/10 scant x 1/2 full

* Furnished only by special arrangement.

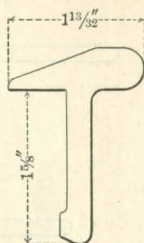
AUTOMOBILE SECTIONS

FLANGE SECTIONS

* M 1219
Customer's No. 27

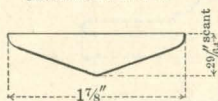


* M 1218
Customer's No. 26



CENTER RING SECTION

* M 1217
Customer's No. 25



CLINCHER TIRE SIDE RING SECTION

* M 1176
Customer's No. 215



Rolled for Standard Welding Co.

CLINCHER TIRE SIDE RING SECTIONS

* M 1237 Customer's No. 4 1/2, 5 * M 1238 Customer's No. 3 1/2, 4 * M 1760 Customer's No. F * M 1779 Customer's No. E



Rolled for Weston-Mott Co.

Rolled for B. F. Goodrich Co.

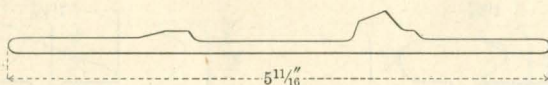
Section Index	Customer's Number	Size, Inches
*M 1219	27	1 5/8 x 1 17/64
*M 1218	26	1 5/8 x 1 13/32
*M 1217	25	1 7/8 x 2 9/64 Scant
*M 1176	215	1 13/16 x 37/64
*M 1237	4 1/2-5	7/8 x 1 19/32
*M 1238	3 1/2-4	1 1/4 x 1/2
*M 1760	F	1 7/32 x 7/16 Scant
*M 1779	E	59/64 x 23/64

* Furnished only by special arrangement.

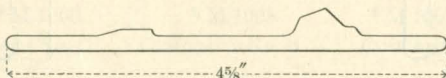
CARNEGIE STEEL COMPANY

DEMOUNTABLE RIM SECTIONS

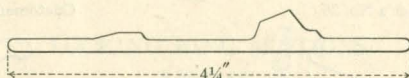
* M 1697
Customer's No. 10



* M 1699
Customer's No. 9



* M 1705
Customer's No. 8



LOCK RING SECTION

* M 1698
Customer's No. 1



Rolled for General Rim Co.

MUD GUARD CHANNEL

* M 1192



Rolled for Hayes Mfg. Co.

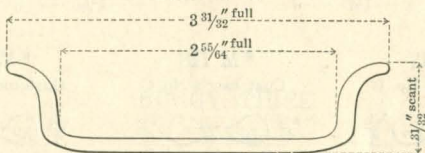
Section Index	Customer's Number	Size, Inches
*M 1697	10	5 11/16
*M 1699	9	4 5/8
*M 1705	8	4 1/4
*M 1698	1	19/32 x 3/8
*M 1192		7/8 x 15/32

* Furnished only by special arrangement.

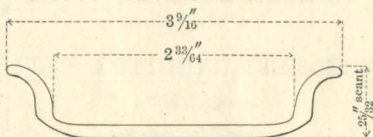
AUTOMOBILE SECTIONS

STRAIGHT SIDE RIM SECTIONS

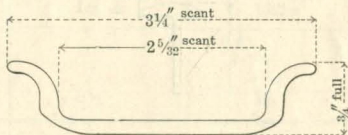
M 1228
Trade No. 4½



M 1107
Trade No. 4



M 1214
Trade No. 3½

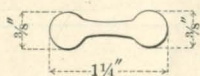


Section Index	Trade Number, Inches	Size, Inches
M 1228	4½	3 31/32 full x 31/32 scant
M 1107	4	3 9/16 x 25/32 scant
M 1214	3½	3 1/4 scant x 3/4 full

CHAIN TIRE SECTIONS

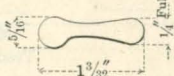
* M 762

Customer's No. B4



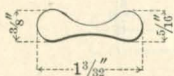
* M 763

Customer's No. B5



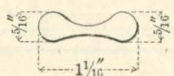
* M 717

Customer's No. B



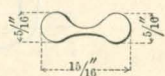
* M 718

Customer's No. C



* M 719

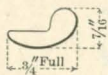
Customer's No. K



Rolled for Savage Tire Co.

VEHICLE BODY SECTIONS

* M 806

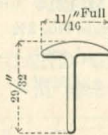


* M 805



Rolled for Fisher Body Co.

M 1191

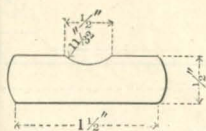


Section Index	Customer's Number	Size, Inches
*M 762	B 4	1 1/4
*M 763	B 5	1 3/32
*M 717	B	1 3/32
*M 718	C	1 1/16
*M 719	K	1 5/16
*M 806	....	3/4 full x 7/16
*M 805	....	3/4 x 5/32 full
M 1191	....	2 9/32 x 1 1/16 full

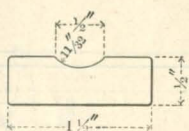
* Furnished only by special arrangement.

MISCELLANEOUS TIRE SECTIONS

ROUND EDGE GROOVED TIRE SQUARE EDGE GROOVED TIRE



M 715



M 716

BUGGY TIRES

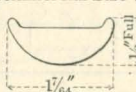
* M 785

Commercial Size 1"



* M 886

Commercial Size 7/8"



* M 887

Commercial Size 3/4"



FLAT BOTTOMED CRESCENT

* M 735

Commercial Size 1/2"

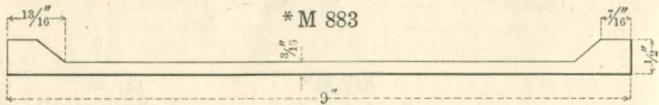
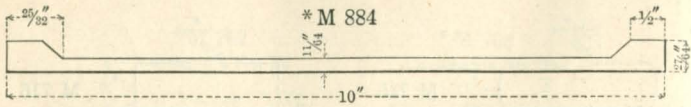


Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
M 715	1 1/2	3/4	3.90
		11/16	3.58
		5/8	3.26
		9/16	2.94
		1/2	2.62
M 716	1 1/2	3/4	3.66
		11/16	3.34
		5/8	3.02
		9/16	2.70
		1/2	2.38
*M 785	1 9/32 Full	9/16 Full	1.56
*M 886	1 7/64	1/2 Full	1.16
*M 887	63/64	7/16 Full	0.87
*M 735	1/2	.085	0.26

*Furnished only by special arrangement.

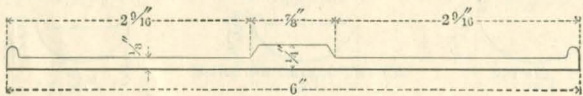
CARNEGIE STEEL COMPANY

TRACTOR TIRE



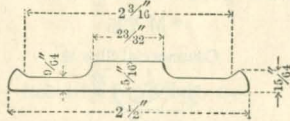
BEADED AND RIBBED PLANTER TIRE

M 938

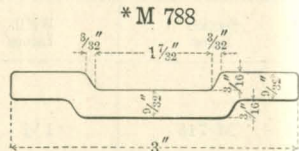
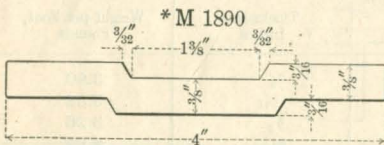


BEADED AND RIBBED TIRE

M 941



GROOVED TIRE



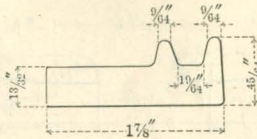
Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
*M 884	10	1 1/4, 27/64	7.0
*M 883	9	3/8, 1/2	7.1
M 938	6	1/8, 1/4	2.98
M 941	2 1/2	9/64, 3/16	1.73
*M 1890	4	15/32	6.6
*M 788	3	3/8, 9/32	5.3
			3.00

*Furnished only by special arrangement.

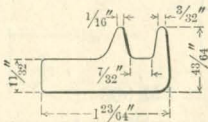
MISCELLANEOUS VEHICLE SECTIONS

VEHICLE SPRING CLIPS

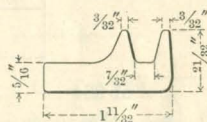
* M 1407



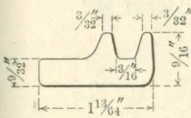
M 1319



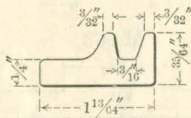
M 1318



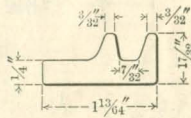
M 1317



M 1315

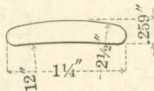


M 1316



CONCAVE CONVEX SPRING SECTION

* M 1761



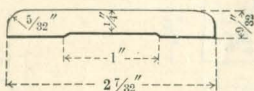
Section Index	Size, Inches	Weight per Foot, Pounds
*M 1407	1 7/8 x 45/64	2.92
M 1319	1 23/64 x 49/64	1.92
M 1318	1 11/32 x 21/32	1.84
M 1317	1 13/64 x 9/16	1.46
M 1315	1 13/64 x 35/64	1.39
M 1316	1 13/64 x 17/32	1.36
	1 1/4 x .340	1.25
	1 1/4 x .325	1.20
*M 1761	1 1/4 x .300	1.09
	1 1/4 x .284	1.03
	1 1/4 x .259	0.94

*Furnished only by special arrangement.

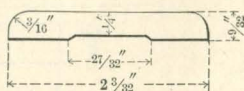
CARNEGIE STEEL COMPANY

MISCELLANEOUS NUT SECTIONS

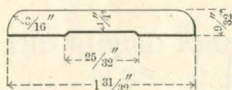
* M 897



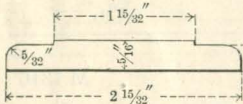
* M 894



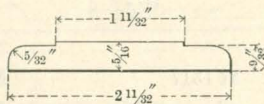
* M 893



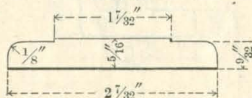
* M 964



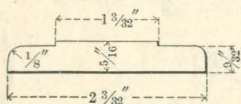
* M 963



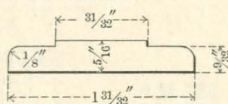
* M 962



* M 961



* M 960



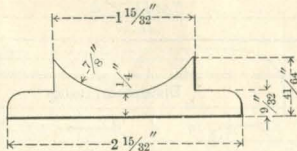
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*M 897	2 7/32	9/32, 1/4	1.98
*M 894	2 3/32	9/32, 1/4	1.87
*M 893	1 31/32	9/32, 1/4	1.75
*M 964	2 15/32	9/32, 5/16	2.48
*M 963	2 11/32	9/32, 5/16	2.35
*M 962	2 7/32	9/32, 5/16	2.23
*M 961	2 3/32	9/32, 5/16	2.10
*M 960	1 31/32	9/32, 5/16	1.96

* Furnished only by special arrangement.

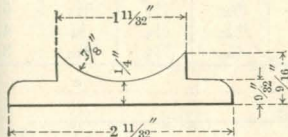
MISCELLANEOUS VEHICLE SECTIONS

AXLE CLIP SECTIONS

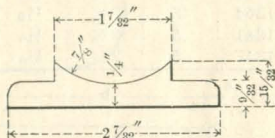
* M 957



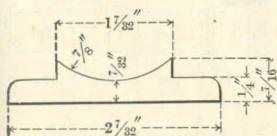
* M 956



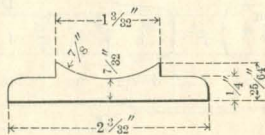
* M 954



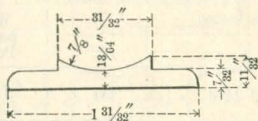
* M 1230



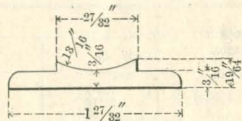
* M 953



* M 952



* M 955

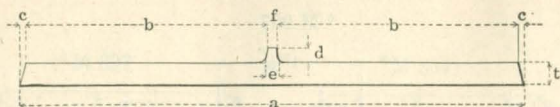


Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
*M 957	2 15/32	9/32	2.76
*M 956	2 11/32	9/32	2.50
*M 954	2 7/32	9/32	2.27
*M 1230	2 7/32	1/4	2.12
*M 953	2 3/32	1/4	1.86
*M 952	1 31/32	7/32	1.55
*M 955	1 27/32	3/16	1.41

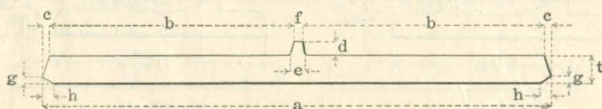
* Furnished only by special arrangement.

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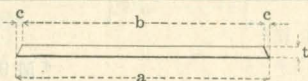
DRESSER SECTIONS



Section Index	Dimensions, Inches							Weight per Foot, Pounds
	a	b	c	d	e	f	t	
*M 1403	10	4 7/8	1/16	7/32	5/32	1/8	5/16	10.7
*M 1346	7	3 3/8	1/16	7/32	5/32	1/8	5/16	7.5
*M 1345	7	3 3/8	1/16	7/32	5/32	1/8	1/4	6.0
*M 1364	5	2 3/8	1/16	7/32	5/32	1/8	5/16	5.4
*M 1341	5	2 3/8	1/16	7/32	5/32	1/8	1/4	4.3
*M 1347	5	2 3/8	1/16	5/32	5/32	1/8	3/16	3.22

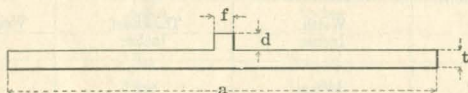


Section Index	Dimensions, Inches									Weight per Foot, Pounds
	a	b	c	d	e	f	g	h	t	
*M 1343	7	3 11/32	3/32	3/16	3/16	1/8	3/32	5/32	3/8	8.9



Section Index	Dimensions, Inches				Weight per Foot, Pounds
	a	b	c	t	
*M 1348	3 1/2	3 3/8	1/16	5/32	1.83

HAMMON SECTIONS

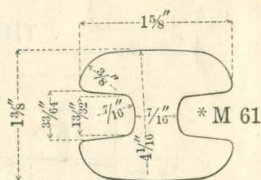
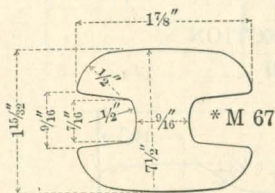
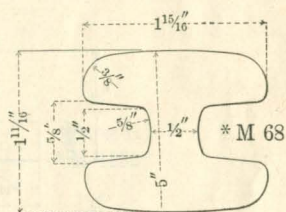
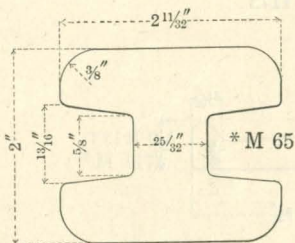
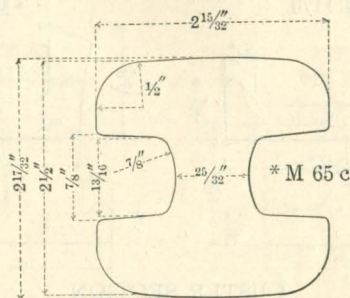


Section Index	Customer's Number	Dimensions, Inches				Weight per Foot, Pounds
		a	d	f	t	
*M 2196	K	7 1/2	3/16	3/16	5/16	8.1
*M 2193	E	5 3/4	3/16	3/16	1/4	5.0
*M 2192	B	4 1/2	3/16	3/16	1/4	3.94
*M 2191	A	4 1/2	3/16	3/16	3/16	2.99

*Furnished only by special arrangement.

PIPE SECTIONS

LOCKING BARS

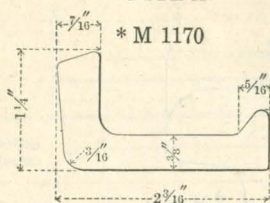


Section Index	Nominal Size	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
*M 65c	$\frac{7}{16}$	$2\frac{17}{32}$	$2\frac{15}{32}$	$\frac{25}{32}$	15.9
*M 65	$\frac{3}{8}$	2	$2\frac{11}{32}$	$\frac{25}{32}$	12.0
*M 68	$\frac{5}{16}$	$1\frac{11}{16}$	$1\frac{15}{16}$	$\frac{1}{2}$	8.2
*M 67	$\frac{1}{4}$	$1\frac{15}{32}$	$1\frac{7}{8}$	$\frac{9}{16}$	6.5
*M 61	$\frac{3}{16}$	$1\frac{3}{8}$	$1\frac{5}{8}$	$\frac{7}{16}$	5.3

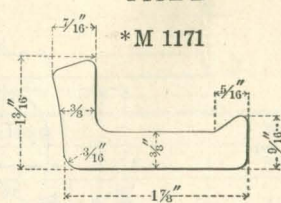
*Furnished only by special arrangement.

HAMMON SECTIONS

TYPE A

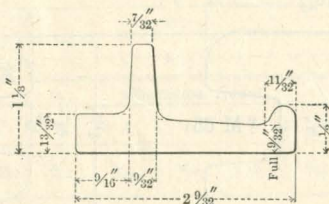


TYPE B



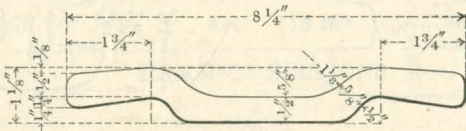
CUSTER SECTION

* M 1172



THIMBLE SECTION

*† M 40



Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
*M 1170	2 3/16	1 1/4	4.1
*M 1171	1 7/8	1 3/16	3.60
*M 1172	2 9/32	1 1/8	3.60
*†M 40	8 1/4	1 1/8	18.1

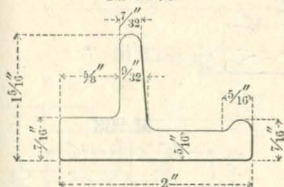
* Furnished only by special arrangement.

† Structural size.

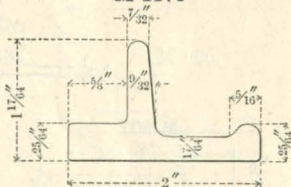
PIPE SECTIONS

DAYTON SECTIONS

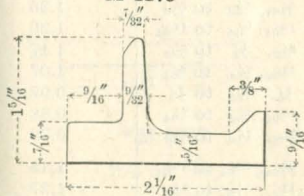
TYPE A
*M 1173



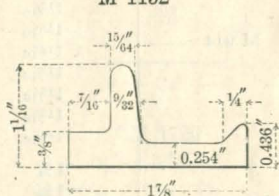
TYPE B
*M 1174



TYPE C
*M 1175



TYPE D
*M 1152



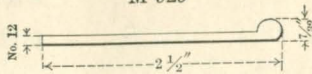
Section Index	Width, Inches	Depth, Inches	Weight per Foot, Pounds
*M 1173	2	1 5/16	3.34
*M 1174	2	1 7/16	3.02
*M 1175	2 1/16	1 7/16	3.50
*M 1152	1 7/8	1 1/16	2.60

*Furnished only by special arrangement.

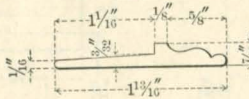
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CAN RING SECTIONS

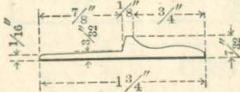
M 929



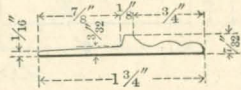
M 914



M 907



M 908

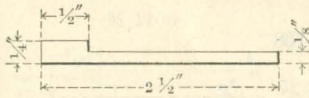


Section Index	Width, Inches	Thickness, B. W. G. and Inches	Weight per Foot, Pounds
M 929	2 1/2	7/32, No. 12	0.98
	1 3/4	23/64, 13/64 to 15/64	1.65
	1 3/4	11/32, 3/16 to 7/32	1.55
	1 3/4	21/64, 11/64 to 13/64	1.45
M 914	1 3/4	5/16, 5/32 to 3/16	1.36
	1 3/4	19/64, 9/64 to 11/64	1.26
	1 3/4	9/32, 1/8 to 5/32	1.17
	1 3/4	17/64, 7/64 to 9/64	1.07
	1 3/4	1/4, 3/32 to 1/8	0.92
	1 3/4	15/64, 5/64 to 7/64	0.88
	1 3/4	7/32, 1/16 to 3/32	0.78
	1 3/4	23/64, 13/64 to 15/64	1.46
M 907	1 3/4	11/32, 3/16 to 7/32	1.37
	1 3/4	21/64, 11/64 to 13/64	1.28
	1 3/4	5/16, 5/32 to 3/16	1.18
	1 3/4	19/64, 9/64 to 11/64	1.09
	1 3/4	9/32, 1/8 to 5/32	1.00
	1 3/4	17/64, 7/64 to 9/64	0.90
	1 3/4	1/4, 3/32 to 1/8	0.81
	1 3/4	15/64, 5/64 to 7/64	0.72
	1 3/4	7/32, 1/16 to 3/32	0.63
	1 3/4	23/64, 13/64 to 15/64	1.46
M 908	1 3/4	11/32, 3/16 to 7/32	1.37
	1 3/4	21/64, 11/64 to 13/64	1.28
	1 3/4	5/16, 5/32 to 3/16	1.18
	1 3/4	19/64, 9/64 to 11/64	1.09
	1 3/4	9/32, 1/8 to 5/32	1.00
	1 3/4	17/64, 7/64 to 9/64	0.90
	1 3/4	1/4, 3/32 to 1/8	0.81
	1 3/4	15/64, 5/64 to 7/64	0.72
1 3/4	7/32, 1/16 to 3/32	0.63	

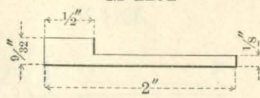
CAN AND BARREL RING SECTIONS

CAN RING SECTIONS—Concluded

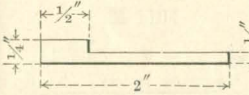
M 1280



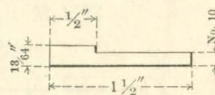
M 2202



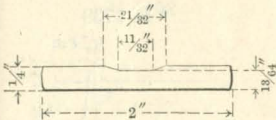
M 1281



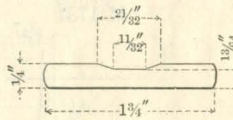
M 906



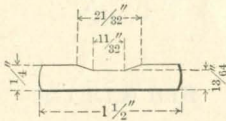
M 949



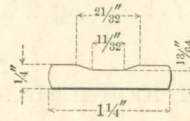
M 2203



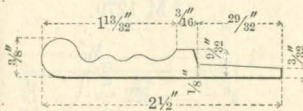
M 958



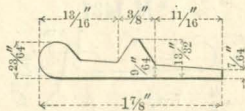
M 2204



* M 1737



* M 1726

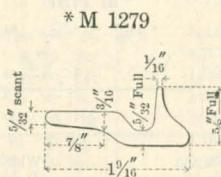
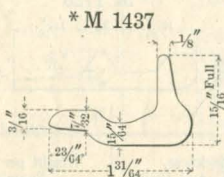
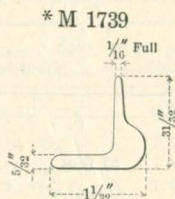
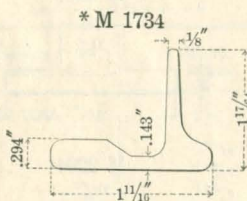
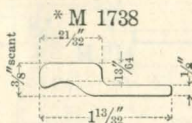


Section Index	Width, Inches	Thickness, B. W. G. and Inches	Weight per Foot, Pounds
M 1280	2 1/2	1/8, 1/4	1.28
M 2202	2	1/8, 9/32	1.12
M 1281	2	1/8, 1/4	1.07
M 906	1 1/2	No. 10, 13/64	0.80
M 949	2	1/4, 13/64	1.62
M 2203	1 3/4	1/4, 13/64	1.41
M 958	1 1/2	1/4, 13/64	1.20
M 2204	1 1/4	1/4, 13/64	0.99
* M 1737	2 1/2	See Cut	1.63
* M 1726	1 7/8	See Cut	1.44

*Furnished only by special arrangement.

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BARREL RING AND CHIME SECTIONS



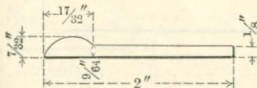
Section Index	Size, Inches	Weight per Foot, Pounds
*M 1738	1 13/32 x 3/8 scant	0.88
*M 1734	1 11/16 x 1 1/64	1.94
*M 1739	1 1/32 x 31/32	1.00
*M 1437	1 31/64 x 1 5/16 full	1.68
*M 1279	1 9/16 x 5/8 full	1.23

* Furnished only by special arrangement.

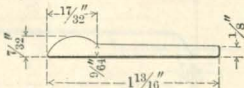
MISCELLANEOUS BAND SECTIONS

BEADED BAND SECTIONS

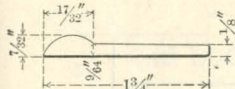
M 1106



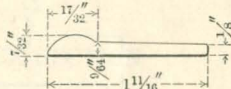
M 1105



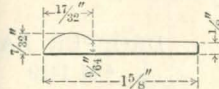
M 1104



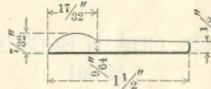
M 1103



M 1102

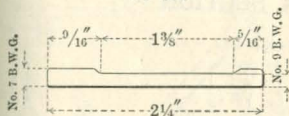


M 913



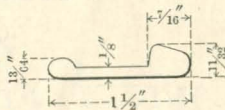
BUCKLE BAR

* M 899



BEADED HOOP BAR

* M 1740

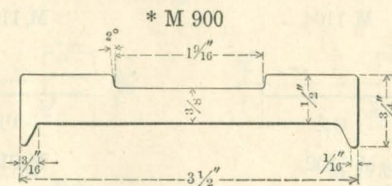
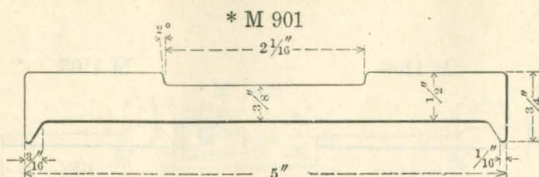


Section Index	Width, Inches	Thickness, B. W. G. and Inches	Weight per Foot, Pounds
M 1106	2	7/32, 1/8 to 9/64	0.94
M 1105	1 13/16	7/32, 1/8 to 9/64	0.86
M 1104	1 3/4	7/32, 1/8 to 9/64	0.83
M 1103	1 11/16	7/32, 1/8 to 9/64	0.81
M 1102	1 5/8	7/32, 1/8 to 9/64	0.78
M 913	1 1/2	7/32, 1/8 to 9/64	0.73
*M 899	2 1/4	No. 7 and No. 9	1.23
*M 1740	1 1/2	1/8, 13/64, 11/32	1.06

*Furnished only by special arrangement.

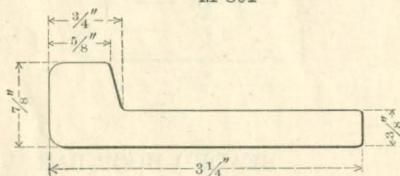
CARNEGIE STEEL COMPANY

SWITCH FRICTION PLATES



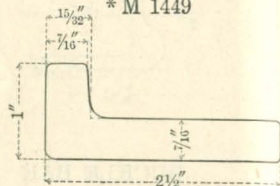
TRACK CHAIN SECTION

* M 801



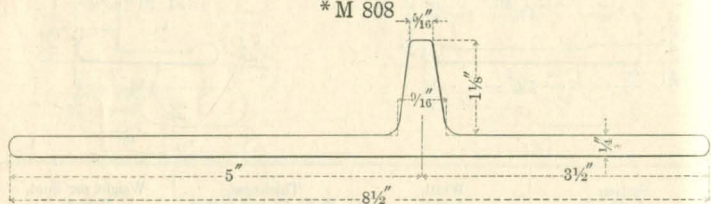
DROPPER BAR

* M 1449



POTATO DIGGER SECTION

* M 808



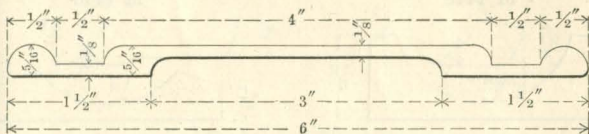
Section Index	Size, Inches	Weight per Foot, Pounds
*M 901	5 x 1/2	7.8
*M 900	3 1/2 x 1/2	5.5
*M 801	3 1/4 x 3/8	5.3
*M 1449	2 1/2 x 7/16	4.6
*M 808	8 1/2 x 1/4	8.9

*Furnished only by special arrangement.

MISCELLANEOUS BAR MILL SHAPES

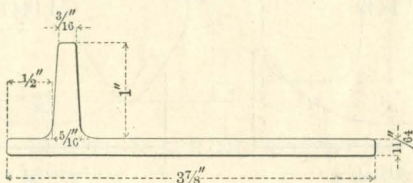
JOIST HANGER BAR

* M 930



CAR DOOR TRACK SECTION

* M 807

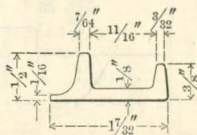
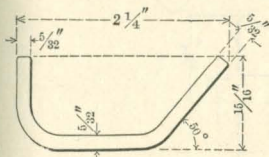


CARRIER AND TROLLEY TRACK SECTIONS

* M 802

* M 803

* M 804



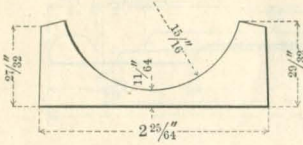
Section Index	Size, Inches	Weight per Foot, Pounds
*M 930	6 x 7/16 x 1/4	6.20
	6 x 3/8 x 3/16	4.92
	6 x 5/16 x 1/8	3.65
*M 807	3 7/8 x 1 1/64	3.00
*M 802	2 1/4 x 15/16	1.70
*M 803	1 7/32 x 1/2	0.79
*M 804	1 1/4 x 7/16 scant	0.79

*Furnished only by special arrangement

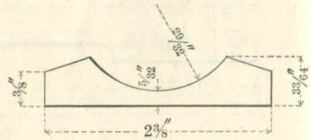
CARNEGIE STEEL COMPANY

MAGNETO AND POLE SECTIONS

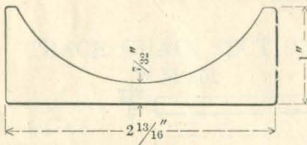
* M 1443



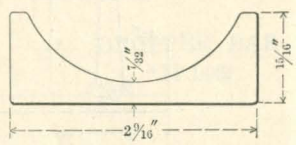
* M 1446



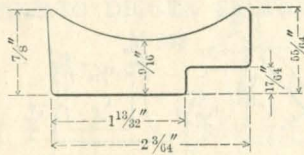
* M 1442



* M 1441



* M 1440



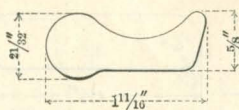
Section Index	Size, Inches	Weight per Foot, Pounds
*M 1443	2 25/64 x 29/32	3.90
*M 1446	2 3/8 x 31/32	2.70
*M 1442	2 13/16 x 1	4.8
*M 1441	2 9/16 x 1 5/16	4.3
*M 1440	2 3/4 x 7/8	4.0

*Furnished only by special arrangement.

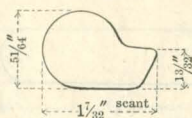
MISCELLANEOUS BAR MILL SHAPES

RATCHET SECTIONS

* M 1091

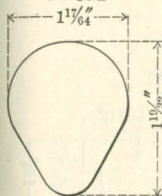


* M 1092

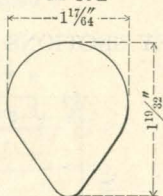


CAM SECTIONS

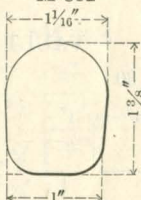
* M 891



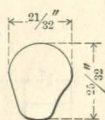
* M 892



* M 881

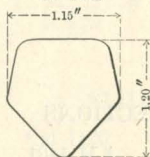


* M 998

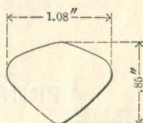


FRICTION SPRING SECTIONS

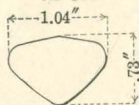
* M 312



* M 313



* M 314



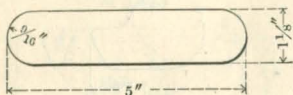
Section Index	Size, Inches	Weight per Foot, Pounds
*M 1091	1 11/16 x 2 1/32	2.58
*M 1092	1 7/32 scant x 5 1/64	2.25
*M 891	1 7/64 x 1 17/64	5.0
*M 892	1 17/64 x 1 17/64	4.8
*M 881	1 3/8 x 1 1/16	4.3
*M 998	2 5/32 x 2 1/32	1.29
*M 312	1.20 x 1.15	3.50
*M 313	.85 x 1.08	2.05
*M 314	.73 x 1.04	1.70

*Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

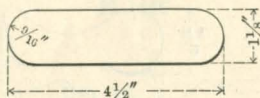
BRAKE KEY

M 1850



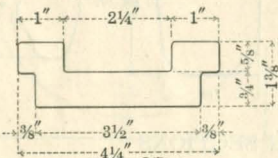
DRAW BAR KEY

M 1851

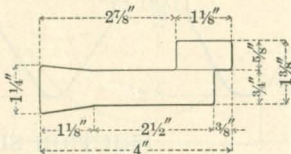


VAULT KEY SECTIONS

* M 80

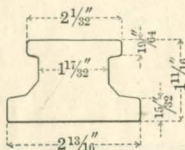


* M 81

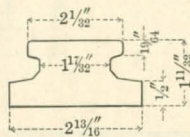


PRINTING PRESS SECTIONS

* M 1430



* M 1431



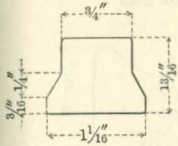
Section Index	Size, Inches	Weight per Foot, Pounds
M 1850	5 x 1 1/8	18.2
M 1851	4 1/2 x 1 1/8	16.3
*M 80	4 1/4 x 3/4	13.2
*M 81	4 x 3/4	12.6
*M 1430	2 13/16 x 1 11/16	11.6
*M 1431	2 13/16 x 1 11/32	10.1

* Furnished only by special arrangement.

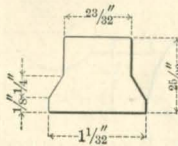
MISCELLANEOUS BAR MILL SHAPES

MISCELLANEOUS KEY SECTIONS

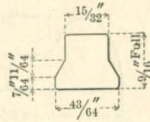
* M 1409



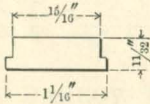
* M 1381



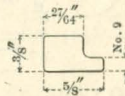
* M 1090



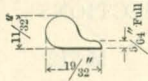
* M 1340



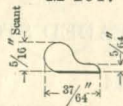
* M 1444



* M 1048

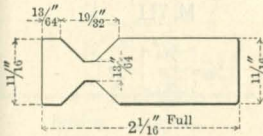


* M 1047

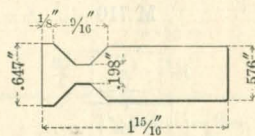


SLIDE RAIL SECTIONS

* M 1426



* M 1427



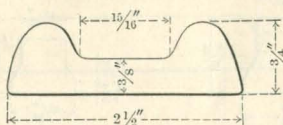
Section Index	Size, Inches	Weight per Foot, Pounds
*M 1409	1 1/16 x 1 3/16	2.40
*M 1381	1 1/32 x 2 5/32	2.17
*M 1090	43/64 x 9/16 full	1.05
*M 1340	1 1/16 x 1 1/32	1.16
*M 1444	5/8 x 3/8	0.65
*M 1048	1 9/32 x 1 1/32	0.42
*M 1047	3 7/64 x 5/16 scant	0.35
*M 1426	2 1/16 full x 1 1/16	4.3
*M 1427	1 5/16 x .576 x .647	3.40

* Furnished only by special arrangement.

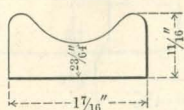
CARNEGIE STEEL COMPANY

BEADED BARS

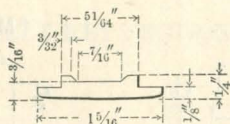
* M 857



* M 852

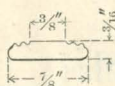


* M 1400

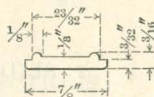


BEADED STOVE LEG SECTIONS

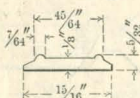
M 714



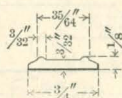
M 712



M 710



M 711



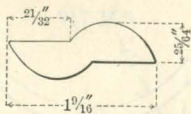
Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
*M 857	2 1/2	3/4	4.5
*M 852	1 7/16	1 1/16	2.65
*M 1400	1 5/16	1/4	0.87
M 714	7/8	3/16	0.50
M 712	7/8	1/8	0.39
M 710	1 5/16	7/64	0.35
M 711	3/4	3/32	0.21

*Furnished only by special arrangement.

MISCELLANEOUS BAR MILL SHAPES

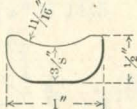
DOUBLE HALF OVAL

* M 1101

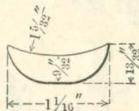


GROOVED HALF OVALS

M 851

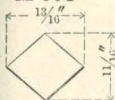


M 850

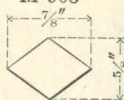


DIAMOND HARROW TOOTH

M 904

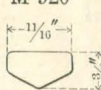


M 905

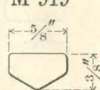


PIANO BARS

M 920

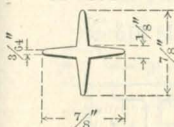


M 919



STAR SECTIONS

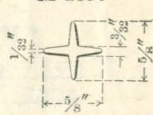
M 1391



M 903



M 1390

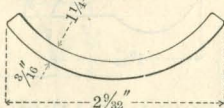


Section Index	Size, Inches	Weight per Foot, Pounds
*M 1101	1 9/16 x 25/64	1.72
M 851	1 x 1/2	1.30
M 850	1 1/16 x 13/32	1.00
M 904	1 1/16 x 13/16	0.95
M 905	7/8 x 5/8	0.93
M 920	3/8 x 1 1/16	0.71
M 919	5/8 x 5/8	0.63
M 1391	7/8 x 7/8	0.49
M 903	3/4 x 3/4	0.36
M 1390	5/8 x 5/8	0.26

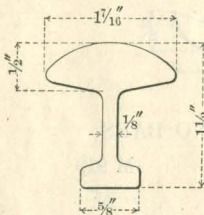
* Furnished only by special arrangement.

CURB SECTIONS

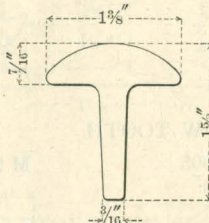
* M 747



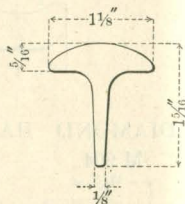
* M 1662



* M 1661

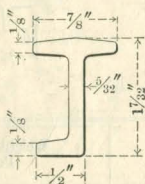


* M 1660

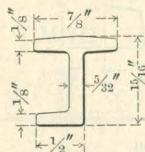


J-BARS

* M 916



* M 915



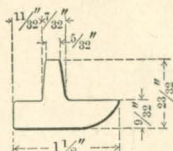
Section Index	Size, Inches	Weight per Foot, Pounds
*M 747	$2 \frac{9}{32} \times \frac{3}{16}$	1.63
*M 1662	$1 \frac{1}{2} \times 1 \frac{7}{10}$	2.73
*M 1661	$1 \frac{5}{8} \times 1 \frac{3}{8}$	2.48
*M 1660	$1 \frac{5}{8} \times 1 \frac{1}{8}$	1.55
*M 916	$1 \frac{7}{32} \times \frac{7}{8}$	1.25
*M 915	$1 \frac{5}{16} \times \frac{7}{8}$	1.10

*Furnished only by special arrangement.

MISCELLANEOUS BAR MILL SHAPES

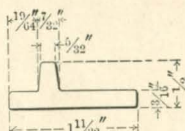
STANWOOD FRONT

* M 944



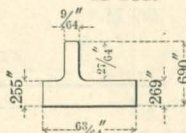
STANWOOD BACK

* M 945

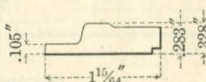


GUIDE BARS

* M 1445

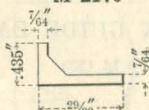


* M 1404



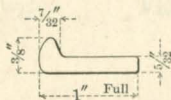
MOULDING SECTION

* M 2170

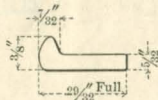


HORSE SHOE BARS

* M 1730

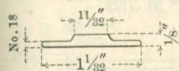


* M 1709

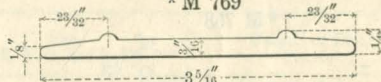


BEADED NUT SECTIONS

M 896



* M 769



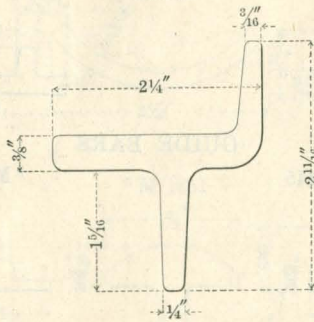
Section Index	Size, Inches	Weight per Foot, Pounds
*M 944	1 1/8 x 23/32	1.22
*M 945	1 1/32 x 1/2	1.05
*M 1445	63/64 x .690	1.08
*M 1404	1 15/64 x .328	0.95
*M 2170	29/32 x .435	0.52
*M 1730	1 full x 3/8	0.60
*M 1709	29/32 full x 3/8	0.55
M 896	1 1/32 x 1/8	0.27
*M 769	3 5/16 x 1/4	1.90

*Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

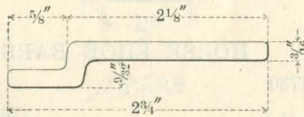
HARVESTER FINGER BAR

* M 885



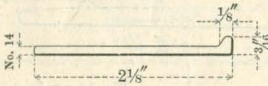
BACK GUIDE BAR

* M 789

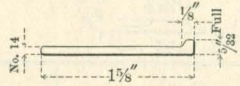


WEARING PLATES

* M 758



* M 759



Section Index	Size, B. W. G. and Inches	Weight per Foot, Pounds
*M 885	2 1/4 x 2 11/16	4.7
*M 789	2 3/4 x 3/16	1.94
*M 758	2 1/8 x No. 14	0.65
*M 759	1 5/8 x No. 14	0.50

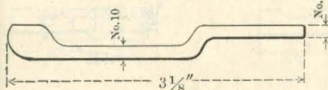
* Furnished only by special arrangement

MISCELLANEOUS BAR MILL SHAPES

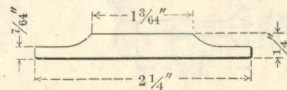
V BAR
* M 870



CHAFF SECTION
* M 798



HAMMER STRAP
* M 1312



LETTER D SECTION
M 918

LETTER B SECTION

* M 1040

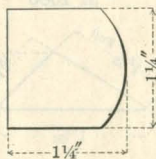
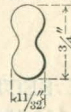


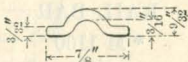
FIGURE 8 SECTION

* M 1045



VELOCIPEDE SECTION

* M 880

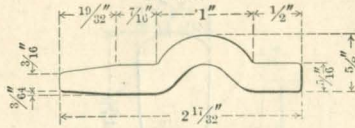


Section Index	Size, B. W. G. and Inches	Weight per Foot, Pounds
*M 870	1 1/16 x 3/4	3.28
*M 798	3 1/8 x No. 10	1.75
*M 1312	2 1/4 x 1/4	1.45
M 918	1 1/4 x 1 1/2	6.0
	1 1/4 x 1 3/8	5.5
	1 1/4 x 1 1/4	5.0
*M 1040	3/4 x 1 1/32	0.75
*M 1045	3/4 x 1 1/32	0.70
*M 880	3/8 x No. 9 x 1 1/32 scant	0.50
	3/8 x 3/32 x 7/32	0.32

*Furnished only by special arrangement.

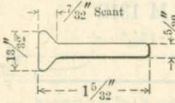
DRILL POST

M 995



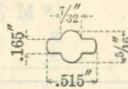
COTTON GIN SECTION

* M 858



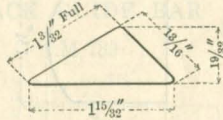
GRASS HOOK SECTION

* M 2200



TRIANGULAR SECTION

* M 1086



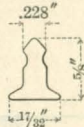
AX SECTION

* M 1037



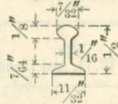
CAP SECTION

* M 1405



RAIL BAR

* M 1100



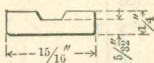
Section Index	Size, Inches	Weight per Foot, Pounds
M 995	2 17/32 x 5/8	2.80
*M 858	1 5/32 x 13/32	0.73
*M 2200	.515 x 5/16	0.35
*M 1086	1 15/32 x 1 9/32	1.61
*M 1037	3/8 x 3/8	0.70
*M 1405	5/8 x 1 7/32	0.50
*M 1100	1/2 x 1 1/32	0.25

*Furnished only by special arrangement.

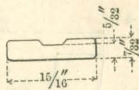
MISCELLANEOUS BAR MILL SHAPES

GROOVED FLATS

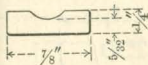
* M 855



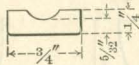
* M 791



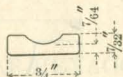
* M 794



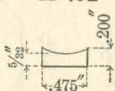
* M 797



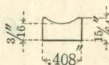
* M 787



* M 792

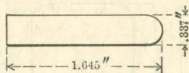


* M 793

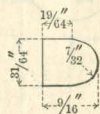


SINGLE ROUND EDGE

M 694



* M 2201



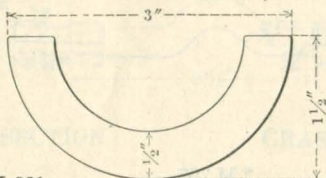
Section Index	Size, Inches	Weight per Foot, Pounds
*M 855	1 5/16 x 1/4	0.73
*M 791	1 5/16 x 7/32	0.65
*M 794	7/8 x 1/4	0.70
*M 797	3/4 x 1/4	0.57
*M 787	3/4 x 7/32	0.45
*M 792	.475 x .200	0.28
*M 793	.408 x 1 5/64	0.29
M 694	1.645 x .337	1.84
*M 2201	9/16 x 31/64	0.82

*Furnished only by special arrangement.

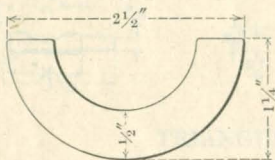
CARNEGIE STEEL COMPANY

HOLLOW HALF ROUNDS

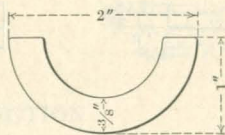
M 820



M 821



M 822

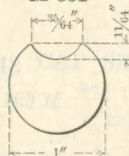


GROOVED ROUNDS

M 830



M 831



M 832



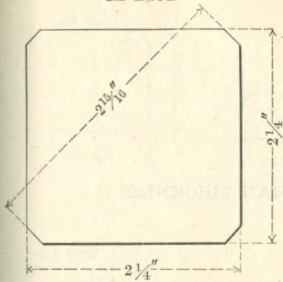
Section Index	Size, Inches	Weight per Foot, Pounds
M 820	3 x 1 1/2	6.7
M 821	2 1/2 x 1 1/4	5.3
M 822	2 x 1	3.25
M 830	1	2.60
M 831	1	2.45
M 832	1/2	0.65

MISCELLANEOUS BAR MILL SHAPES

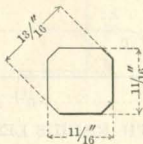
BEVELED CORNER SQUARES

MODIFIED ROUND

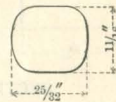
* M 1401



* M 1402



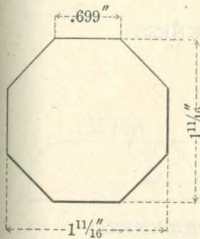
* M 1778



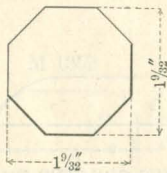
OCTAGONS

IRREGULAR HEXAGON

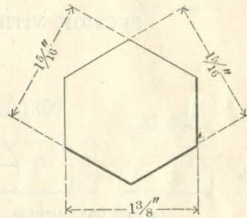
* M 1241



* M 1244



* M 1240



ROUND CORNERED BARS

* M 1700

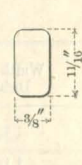
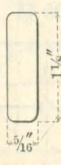
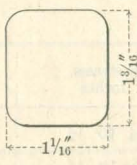
* M 1701

* M 1704

* M 1702

* M 1703

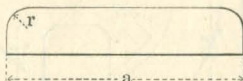
* M 1706



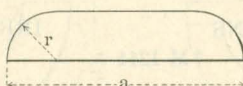
Section Index	Size, Inches	Weight per Foot, Pounds
*M 1401	2 1/4 x 2 1/4	17.0
*M 1402	1 1/16 x 1 1/16	1.52
*M 1778	25/32 x 1 1/16	1.63
*M 1241	1 11/16 x 1 11/16	8.1
*M 1244	1 9/32 x 1 9/32	4.7
*M 1240	1 3/8 x 1 3/8	5.3
*M 1700	1 5/16 x 1 1/16	4.6
*M 1701	1 3/16 x 1 1/16	4.2
*M 1704	1 1/8 x 5/16	1.19
*M 1702	1 1/16 x 15/16	3.34
*M 1703	15/16 x 17/32	1.67
*M 1706	1 1/16 x 3/8	0.87

*Furnished only by special arrangement.

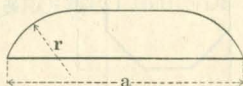
ROUND BEVEL EDGE



SECTION WITH RADIUS LESS THAN THICKNESS



SECTION WITH RADIUS EQUAL TO THICKNESS



SECTION WITH RADIUS GREATER THAN THICKNESS

Width, a, Inches	Regular Radius, r, Inches	Thickness, Inches	Special Radius, r, can also be made as follows:
1 3/4	3/8	1/4 to 1/2	1/4, 5/16, 3/8, 1/2
1 1/2	5/16	3/16 to 1/2	3/16, 1/4, 3/8
1 3/8	5/16	1/8 to 1/2	3/16, 1/4, 3/8
1 1/4	5/16	7/64 to 1/2	3/16, 1/4, 3/8
1 1/8	1/4	7/64 to 5/16	3/16, 5/16, 3/8
1	1/4	7/64 to 5/16	3/16, 5/16, 3/8
7/8	3/16	1/8 to 1/4	1/8, 1/4
3/4	3/16	1/8 to 1/4	1/8, 1/4

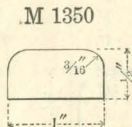
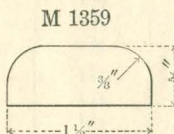
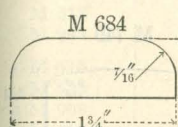
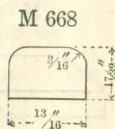
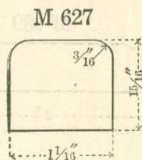
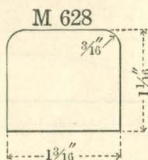
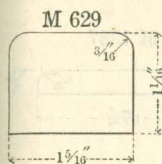
Unless otherwise specified, the regular radius will be furnished, but if a special radius is desired it should be specifically stated on the order.

For table of weights, see page 276.

Sizes not included in above list promptly arranged for.

BEVEL SECTIONS

MISCELLANEOUS ROUND BEVELS



M 664

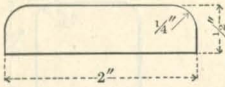


Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
M 629	1 5/16	1 1/16	4.69
M 628	1 3/16	1 1/16	4.24
M 627	1 1/16	1 1/16	3.34
M 669	1 5/16	1 1/16	2.54
M 1351	1	5/8	2.01
M 668	13/16	1 1/32	1.42
M 684	1 3/4	5/8	3.44
M 1359	1 1/2	5/8	2.98
M 1350	1	1/2	1.65
M 665	1	3/8	1.18
M 664	1	3/8	1.07

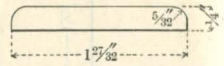
CARNEGIE STEEL COMPANY

MISCELLANEOUS ROUND BEVELS—Concluded

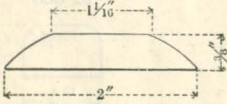
M 689



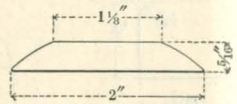
M 1337



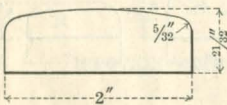
M 663



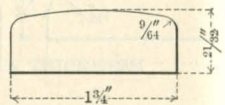
M 662



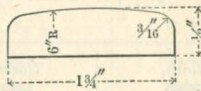
M 748



M 749



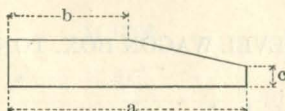
M 685



Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
M 689	2	1/4	3.31
M 1337	1 27/32	1/4	1.52
M 663	2	3/8	2.11
M 662	2	5/16	1.72
M 748	2	2 1/32	4.3
M 749	1 3/4	2 1/32	3.70
M 685	1 3/4	1/2	2.92

BEVEL SECTIONS

BEVEL NOSE

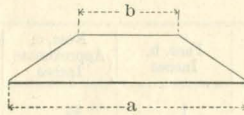


Section Index	Width, a, Inches	Face, b, Inches	Nose, c, Approximate Inches	Thickness, Inches	Weight per Foot, Pounds
M 989	3 1/2	1	1/8	5/8	5.3
M 970	3	2 3/4	1/16	1/4	2.47
M 969	3	2 1/2	3/64	1 1/64 scant	1.65
M 515	3	2	3/16	9/16	5.1
M 514	3	2	1/8	1/2	4.5
M 825	3	1 11/16	1/8	1/2	4.3
M 972	3	1 3/4	1/8	3/8	3.29
M 971	3	1 3/4	1/8	5/16	2.79
M 992	3	1 1/2	3/32	1/4	2.15
M 513	3	1 3/8	1/16	1/4	2.03
M 993	3	3/4	1/8	1/2	3.67
M 516	2 1/2	1 1/2	3/16	9/16	4.1
M 512	2 1/2	1 1/2	1/8	1/2	3.61
M 968	2 1/2	1 3/8	1/8	5/16	2.30
M 517	2 1/2	1 3/8	5/32	5/16	2.36
M 510	2 1/2	1 3/8	3/32	1/4	1.83
M 511	2 1/2	1 1/4	1/8	1/2	3.45
M 991	2 1/2	1 1/4	3/32	1/4	1.79
M 994	2 1/2	3/4	1/8	1/2	3.13
M 518	2 1/4	1 3/4	1/4	1/2	3.61
M 509	2 1/4	1 3/4	1/4	7/16	3.19
M 508	2 1/4	1 3/4	1/8	3/8	2.66
M 967	2 1/4	1 3/4	1/16	1/4	1.75
M 990	2 1/4	1 1/4	1/8	1/4	1.70
M 506	2	1 5/8	3/64	7/32	1.38
M 519	2	1	3/16	9/16	3.19
M 507	2	1	1/8	1/2	2.76
M 823	2	1	3/32	3/8	2.07
M 829	1 3/4	1 9/32	1/16	9/64 scant	0.74
M 826	1 3/4	1 1/4	1/16	3/8	1.97
M 505	1 1/2	1 5/32	3/64	1/8	0.59
M 502	1	3/4	1/64 full	7/64	0.33
M 959	7/8	1 1/16	1/64 full	5/64 full	0.21
M 965	1 9/16	5/8	1/64 full	5/64	0.20
M 979	3/4	9/16	3/64	3/32	0.22
M 988	3/4	1 7/32	1/32	5/32	0.35

CARNEGIE STEEL COMPANY

BEVEL EDGE

BEVEL SHAFT, BEVEL WAGON BOX. TONGUE CAP, ETC.



Width, a, Inches	Regular Top, b, Inches	Thickness, B. W. G. and Inches	Width of Top, b, can be made within the following limits:
3	2 ³ / ₁₆	No. 12 to ¹ / ₄	1 ¹ / ₂ to 2 ⁵ / ₈
2 ⁵ / ₈	1 ⁷ / ₈	No. 13 to ⁵ / ₁₆	1 ¹ / ₄ to 2 ¹ / ₄
2 ¹ / ₂	1 ³ / ₄	No. 13 to ³ / ₈	1 ¹ / ₈ to 2 ¹ / ₈
2 ¹ / ₄	1 ¹ / ₂	No. 13 to ³ / ₈	1 to 1 ⁷ / ₈
2	1 ³ / ₈	No. 13 to ³ / ₈	1 to 1 ³ / ₄
1 ³ / ₄	1 ¹ / ₄	No. 13 to ¹ / ₂	⁷ / ₈ to 1 ¹ / ₂
1 ¹ / ₂	1	No. 13 to ¹ / ₂	³ / ₄ to 1 ¹ / ₄
1 ³ / ₈	1 ⁵ / ₁₆	No. 13 to ⁷ / ₁₆	1 ¹ / ₁₆ to 1 ¹ / ₈
1 ¹ / ₄	1 ³ / ₁₆	No. 13 to ⁷ / ₁₆	⁵ / ₈ to 1 ¹ / ₁₆
1 ¹ / ₈	1 ¹ / ₁₆	No. 13 to ⁷ / ₁₆	⁹ / ₁₆ to 1
1	⁵ / ₈	No. 14 to ⁷ / ₁₆	¹ / ₂ to ⁷ / ₈
1 ¹⁵ / ₁₆	⁹ / ₁₆	No. 14 to ⁵ / ₁₆	⁷ / ₁₆ to 1 ³ / ₁₆
⁷ / ₈	¹ / ₂	No. 14 to ⁵ / ₁₆	⁷ / ₁₆ to ³ / ₄
1 ¹³ / ₁₆	⁷ / ₁₆	No. 14 to ¹ / ₄	³ / ₈ to 1 ¹ / ₁₆
³ / ₄	⁷ / ₁₆	No. 14 to ¹ / ₄	³ / ₈ to ⁵ / ₈
1 ¹ / ₁₆	³ / ₈	No. 16 to ³ / ₁₆	⁵ / ₁₆ to ⁹ / ₁₆
⁵ / ₈	³ / ₈	No. 16 to ³ / ₁₆	⁵ / ₁₆ to ¹ / ₂

Unless otherwise specified, the regular top will be furnished, but if any other top is desired it should be specifically stated on the order.

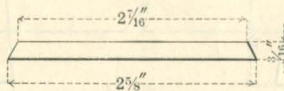
For table of weights, see pages 277 to 279, inclusive.

Sizes not included in above list promptly arranged for.

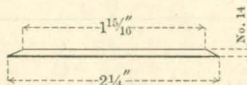
BEVEL SECTIONS

BEVEL EDGE—Continued

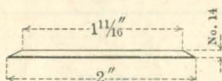
M 1736



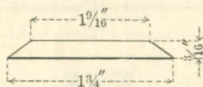
M 1735



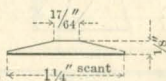
M 1689



M 1727



M 1678

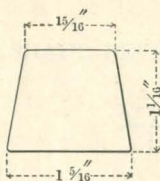


Section Index	Width, Inches	Face, Inches	Bevel, Inches	Thickness, B. W. G. and Inches	Weight per Foot, Pounds
M 1736	2 5/8	2 7/16	3/32	3/16	1.61
M 1735	2 1/4	1 15/16	5/32	No. 14 B.W.G.	0.59
M 1689	2	1 11/16	5/32	No. 14 B.W.G.	0.52
M 1727	1 3/4	1 9/16	3/32	3/16	1.05
M 1678	1 1/4 scant	1 7/64	63/128	1/8	0.37

CARNEGIE STEEL COMPANY

BEVEL EDGE SECTIONS—Continued

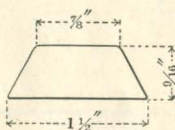
M 620



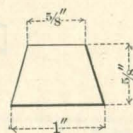
M 699



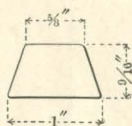
M 1378



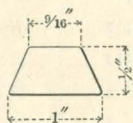
M 1429



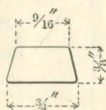
M 622



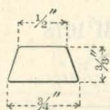
M 705



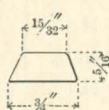
M 1370



M 977



M 530

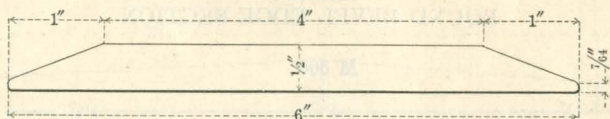


Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
M 620	1 5/16	1 1/16	4.07
M 699	1 5/16	1 1/16	2.94
M 1378	1 1/2	9/16	2.27
M 1429	1	5/8	1.73
M 622	1	9/16	1.56
M 705	1	1/2	1.33
M 1370	3/4	3/8	0.84
M 977	3/4	3/8	0.80
M 530	3/4	5/16	0.65

BEVEL SECTIONS

MISCELLANEOUS BEVELS

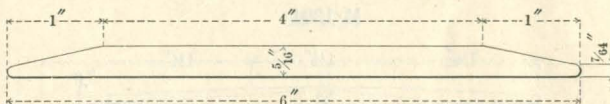
M 1406



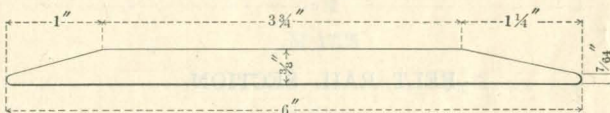
M 827



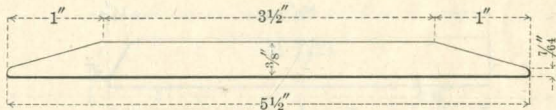
M 828



M 824



M 1870



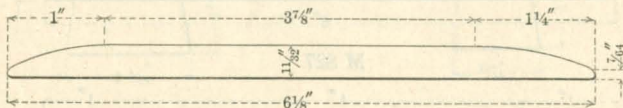
Section Index	Width, Inches	Face, Inches	Bevel, Inches	* Toe, Inches	Thickness, Inches	Weight per Foot, Pounds
M 1406	6	4	1	7/64	1/2	9.0
M 827	6	4	1	15/64	1/2	9.3
	6	4	1	7/64	7/16	8.0
M 828	6	4	1	7/64	3/8	6.7
	6	4	1	7/64	5/16	5.7
M 824	6	3 3/4	1, 1 1/4	7/64	3/8	6.6
M 1870	5 1/2	3 1/2	1	7/64	3/8	6.1

* Dimensions given are approximate.

MISCELLANEOUS BEVELS—Continued

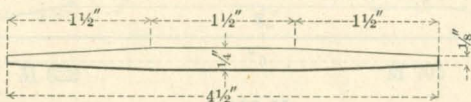
ROUND BEVEL EDGE SECTION

M 666



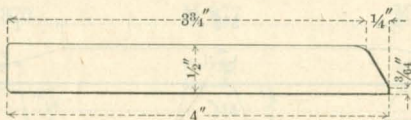
DOUBLE BEVELED SECTION

M 1304



BELT RAIL SECTION

M 1038



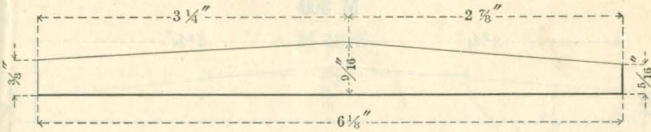
Section Index	Width, Inches	Face, Inches	Bevel, Inches	*Toe, Inches	Thickness, Inches	Weight per Foot, Pounds
M 666	6 1/8	3 7/8	1, 1 1/4	1 3/64	7/16	8.3
	6 1/8	3 7/8	1, 1 1/4	7/64	1 1/32	6.4
M 1304	4 1/2	1 1/2	1 1/2	3/16	5/16	4.2
	4 1/2	1 1/2	1 1/2	1/8	1/4	3.19
M 1038	4	3 3/4	1/4	3/64	1/2	6.6

* Dimensions given are approximate.

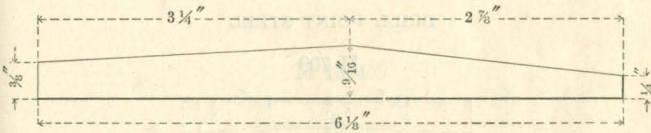
BEVEL SECTIONS

MISCELLANEOUS BEVELS—Continued

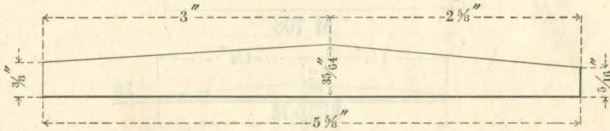
M 1722



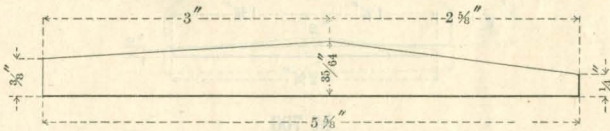
M 1723



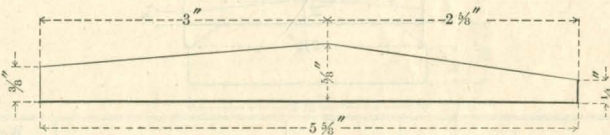
M 1724



M 1725



M 1721

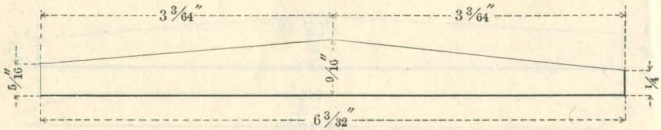


Section Index	Width, Inches	Bevel, Inches	Toe, Inches	Thickness, Inches	Weight per Foot, Pounds
M 1722	6 1/8	3 1/4, 2 7/8	3/8, 5/16	9/16	9.5
M 1723	6 1/8	3 1/4, 2 7/8	3/8, 1/4	9/16	9.2
M 1724	5 5/8	3, 2 5/8	3/8, 5/16	35/64	8.5
M 1725	5 5/8	3, 2 5/8	3/8, 1/4	35/64	8.3
M 1721	5 5/8	3, 2 5/8	3/8, 1/4	5/8	9.0

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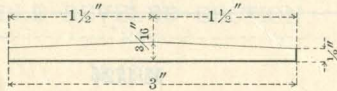
MISCELLANEOUS BEVELS—Continued

M 300

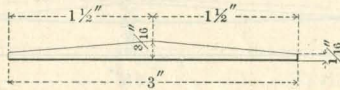


DRILL POINT STEEL

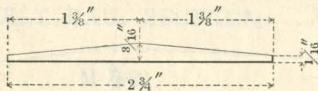
M 709



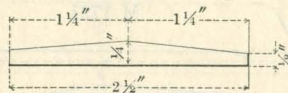
M 708



M 707



M 706



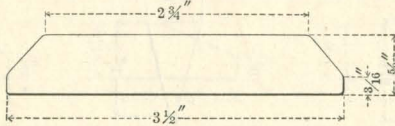
Section Index	Width, Inches	Bevel, Inches	Toe, Inches	Thickness, Inches	Weight per Foot, Pounds
M 300	$6 \frac{3}{32}$	$3 \frac{3}{64}$	$\frac{7}{16}, \frac{3}{8}$	$\frac{1}{16}$	11.3
	$6 \frac{9}{32}$	$3 \frac{3}{64}$	$\frac{3}{8}, \frac{5}{16}$	$\frac{5}{8}$	10.0
	$6 \frac{3}{32}$	$3 \frac{3}{64}$	$\frac{5}{16}, \frac{1}{4}$	$\frac{9}{16}$	8.7
M 709	3	$1 \frac{1}{2}$	$\frac{1}{8}$	$\frac{3}{16}$	1.59
M 708	3	$1 \frac{1}{2}$	$\frac{1}{16}$	$\frac{3}{16}$	1.28
M 707	$2 \frac{3}{4}$	$1 \frac{3}{8}$	$\frac{1}{16}$	$\frac{3}{16}$	1.17
M 706	$2 \frac{1}{2}$	$1 \frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{4}$	1.59

BEVEL SECTIONS

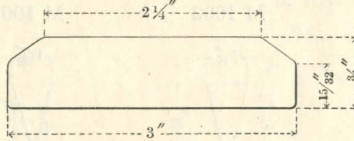
MISCELLANEOUS BEVELS—Continued

HINGE PLATE SECTIONS

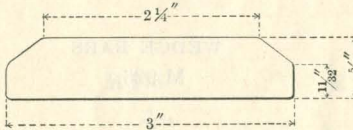
M 1375



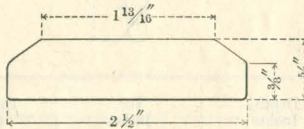
M 1374



M 1373



M 1372



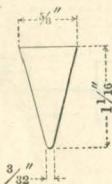
Section Index	Width, Inches	Face, Inches	Toe, Inches	Thickness, Inches	Weight per Foot, Pounds
M 1375	3 1/2	2 3/4	5/16	3/4	8.4
	3 1/2	2 3/4	3/16	5/8	6.9
M 1374	3	2 1/4	15/32	3/4	7.3
M 1373	3	2 1/4	11/32	5/8	6.0
M 1372	2 1/2	1 13/16	3/8	5/8	5.0

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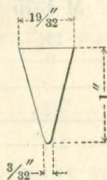
MISCELLANEOUS BEVELS—Continued

SHARP TOE CALK SECTIONS

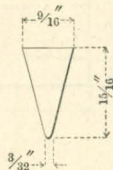
M 1006



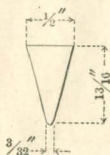
M 1005



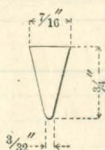
M 1004



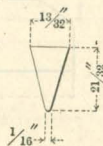
M 1003



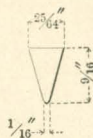
M 1002



M 1001

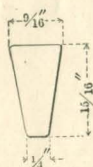


M 999

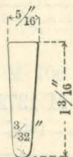


WEDGE BARS

M 1039



M 925



M 1049

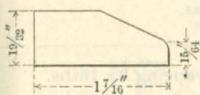


Section Index	Depth, Inches	Toe, Inches	Thickness Inches	Weight per Foot, Pounds
M 1006	1 1/16	3/32	5/8	1.30
M 1005	1	3/32	19/32	1.17
M 1004	15/16	3/32	9/16	1.05
M 1003	13/16	3/32	1/2	0.82
M 1002	3/4	3/32	7/16	0.68
M 1001	21/32	1/16	13/32	0.53
M 999	9/16	1/16	25/64	0.44
M 1039	15/16	1/4	9/16	1.30
M 925	1 3/16	See Cut	5/16	0.98
M 1049	15/32	9/64	1/4	0.30

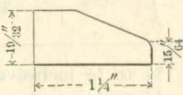
BEVEL SECTIONS

MISCELLANEOUS BEVELS—Concluded

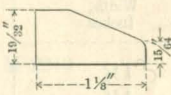
M 1087



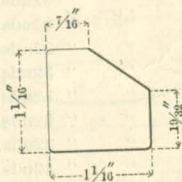
M 1088



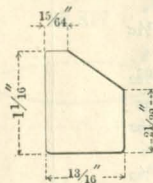
M 1089



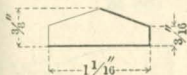
M 1083



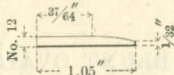
M 1084



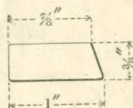
M 1085



M 975



M 898



Section Index	Size, B. W. G. and Inches	Weight per Foot, Pounds
M 1087	1 1/16 x 19/32	2.40
M 1088	1 1/4 x 19/32	2.02
M 1089	1 1/8 x 19/32	1.77
M 1083	1 1/16 x 1 1/16	3.34
M 1084	1 1/16 x 1 3/16	2.54
M 1085	1 1/16 x 3/8	1.02
M 975	1.05 x No. 12	0.38
M 898	1 x 3/8	1.20

OVALS



Width, Inches	Thickness, Inches
1 1/4	3/8 to 7/8 inclusive, advancing by 16ths.
1 1/8	3/8 to 7/8 " " " 16ths.
1	1/4 to 3/4 " " " 32nds.
15/16	1/4 to 5/8 " " " 32nds.
7/8	1/4 to 5/8 " " " 32nds.
13/16	3/16 to 9/16 " " " 32nds.
3/4	5/32 to 9/16 " " " 32nds.
11/16	5/32 to 1/2 " " " 32nds.
5/8	1/8 to 1/2 " " " 32nds.
19/32	1/8 to 7/16 " " " 32nds.
9/16	1/8 to 7/16 " " " 32nds.
17/32	1/8 to 3/8 " " " 32nds.
1/2	3/32 to 3/8 " " " 32nds.
15/32	3/32 to 5/16 " " " 32nds.
7/16	3/32 to 1/4 " " " 32nds.
13/32	3/32 to 1/4 " " " 32nds.
3/8	3/32 to 1/4 " " " 32nds.

For table of weights, see page 280.
 Sizes not included in above list promptly arranged for.

BLUNT OVALS



Width, Inches	Thickness, Inches
5/8	1/8 to 5/16 inclusive, advancing by 32nds.
9/16	1/8 to 5/16 " " " 32nds.
1/2	1/8 to 5/16 " " " 32nds.
7/16	1/8 to 5/16 " " " 32nds.
3/8	1/8 to 5/16 " " " 32nds.

For table of weights, see page 280.
 Sizes not included in above list promptly arranged for.

OVALS

MISCELLANEOUS OVALS AND BLUNT OVALS

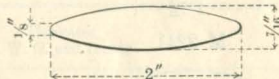
* M 868



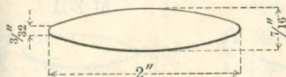
M 771



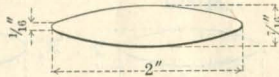
M 2240



M 873



M 877



M 869



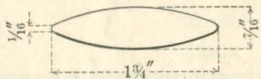
M 874



M 867



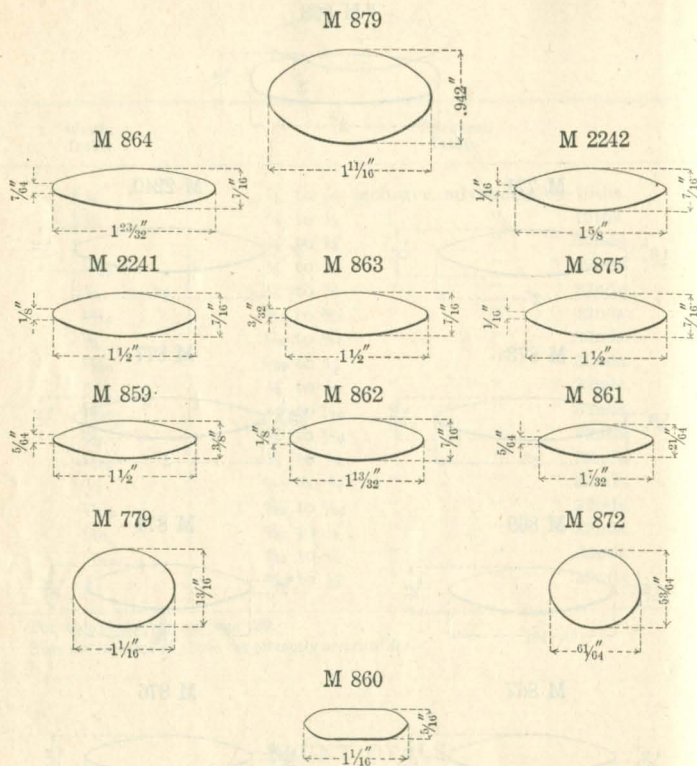
M 876



Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
*M 868	2	1/2	2.83
M 771	2	1/2	2.41
M 2240	2	7/16	2.16
M 873	2	7/16	2.12
M 877	2	7/16	2.09
M 869	1 3/4	1/2	2.06
M 874	1 3/4	7/16	1.88
M 867	1 3/4	7/16	1.85
M 876	1 3/4	7/16	1.82

* Furnished only by special arrangement.

MISCELLANEOUS OVALS AND BLUNT OVALS—Concluded



Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
M 879	$1\frac{11}{16}$	.942	4.3
M 864	$1\frac{23}{32}$	$\frac{7}{16}$	1.83
M 2242	$1\frac{5}{8}$	$\frac{7}{16}$	1.68
M 2241	$1\frac{1}{2}$	$\frac{7}{16}$	1.58
M 863	$1\frac{1}{2}$	$\frac{7}{16}$	1.57
M 875	$1\frac{1}{2}$	$\frac{7}{16}$	1.56
M 859	$1\frac{1}{2}$	$\frac{3}{8}$	1.35
M 862	$1\frac{13}{32}$	$\frac{7}{16}$	1.49
M 861	$1\frac{7}{32}$	$\frac{21}{64}$	0.97
M 779	$1\frac{1}{16}$	$\frac{13}{16}$	2.25
M 872	$1\frac{1}{16}$	$\frac{53}{64}$	1.98
M 860	$1\frac{1}{16}$	$\frac{5}{16}$	0.98

BEVEL SECTIONS

HALF OVALS



Width, Inches	Thickness, B. W. G. and Inches		
4	3/8 to 1/2 inclusive, advancing by 16ths.		
3 3/4	5/16 to 1/2	"	" " 16ths.
3 1/2	5/16 to 1/2	"	" " 16ths.
3 1/4	5/16 to 5/8	"	" " 16ths.
3	5/16 to 3/4	"	" " 16ths.
2 3/4	5/16 to 3/4	"	" " 16ths.
2 1/2	1/4 to 3/4	"	" " 16ths.
2 1/4	1/4 to 3/4	"	" " 16ths.
2	1/4 to 5/8	"	" " 16ths.
1 7/8	1/4 to 9/16	"	" " 32nds.
1 3/4	1/4 to 1/2	"	" " 32nds.
1 5/8	3/16 to 1/2	"	" " 32nds.
1 1/2	1/8 to 1/2	"	" " 32nds.
1 3/8	1/8 to 3/8	"	" " 32nds.
1 1/4	1/8 to 3/8	"	" " 32nds.
1 1/8	1/8 to 3/8	"	" " 32nds.
1	No. 12 to 3/8	"	" " 32nds.
15/16	No. 12 to 3/8	"	" " 32nds.
7/8	No. 12 to 3/8	"	" " 32nds.
13/16	No. 12 to 5/16	"	" " 32nds.
3/4	No. 14 to 5/16	"	" " 32nds.
11/16	No. 14 to 9/32	"	" " 32nds.
5/8	No. 14 to 9/32	"	" " 32nds.
9/16	No. 14 to 1/4	"	" " 32nds.
1/2	No. 14 to 7/32	"	" " 32nds.
7/16	No. 15 to 3/16	"	" " 32nds.
3/8	No. 15 to 5/32	"	" " 32nds.

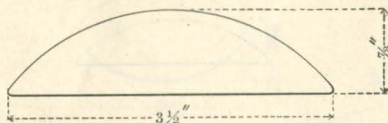
For table of weights, see page 281.

Sizes not included in above list promptly arranged for.

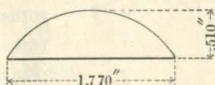
CARNEGIE STEEL COMPANY

MISCELLANEOUS HALF OVALS

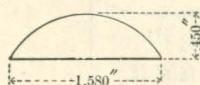
M 835



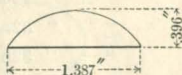
* M 819



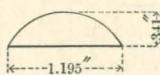
* M 818



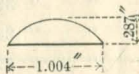
* M 817



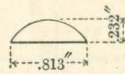
* M 816



* M 815



* M 836



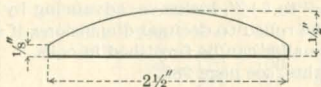
Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
M 835	$3\frac{1}{2}$	$\frac{7}{8}$	7.3
*M 819	1.770	0.510	2.18
*M 818	1.580	0.450	1.71
*M 817	1.387	0.396	1.32
*M 816	1.195	0.341	0.98
*M 815	1.004	0.287	0.69
*M 836	0.813	0.232	0.45

* Furnished only by special arrangement.

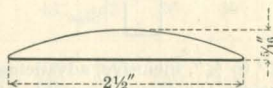
OVALS

MISCELLANEOUS HALF OVALS—Concluded

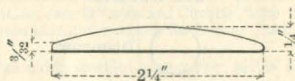
M 840



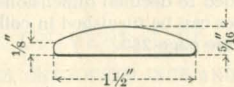
M 834



M 849



M 1519

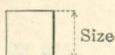


M 1520



Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
M 840	$2\frac{1}{2}$	$\frac{1}{8}$	3.23
M 834	$2\frac{1}{2}$	$\frac{7}{16}$	1.97
M 849	$2\frac{1}{4}$	$\frac{1}{4}$	1.52
M 1519	$1\frac{1}{2}$	$\frac{5}{16}$	1.28
M 1520	$\frac{1}{2}$	$\frac{11}{64}$	0.25

SQUARES



Size $\frac{3}{16}$ " to 2", inclusive, advancing by 64ths.

Size $2\frac{1}{32}$ " to $3\frac{1}{2}$ ", inclusive, advancing by 32nds.

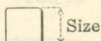
Size $3\frac{9}{16}$ " to $5\frac{1}{2}$ ", inclusive, advancing by 16ths.

Squares can also be rolled to decimal dimensions, if so arranged.

Squares $\frac{7}{8}$ " and smaller can be furnished in coils.

For tables of weights, see page 282.

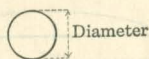
ROUND CORNERED SQUARES



Size $\frac{1}{4}$ " to $\frac{3}{4}$ ", inclusive, advancing by 64ths.

Weights approximately the same as weights of Squares of corresponding sizes.

ROUNDS



Diameter $\frac{7}{32}$ " to $1\frac{3}{4}$ ", inclusive, advancing by 64ths.

Diameter $1\frac{25}{32}$ " to $3\frac{1}{2}$ ", inclusive, advancing by 32nds.

Diameter $3\frac{9}{16}$ " to 7", inclusive, advancing by 16ths.

Rounds can also be rolled to decimal dimensions, if so arranged.

Rounds $\frac{7}{8}$ " and smaller can be furnished in coils.

For tables of weights, see page 283.

HALF ROUNDS



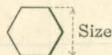
Diameter $\frac{5}{16}$ " to $\frac{7}{8}$ ", inclusive, advancing by 64ths.

Diameter $1\frac{5}{16}$ " to $1\frac{3}{4}$ ", inclusive, advancing by 16ths.

Diameter 2", $2\frac{1}{2}$ ", 3".

Weights equal one-half of weight of Rounds of corresponding diameters.

HEXAGONS



Size $\frac{1}{4}$ " to $1\frac{1}{16}$ ", inclusive, advancing by 32nds.

Size $1\frac{3}{4}$ " to $3\frac{1}{10}$ ", inclusive, advancing by 16ths.

Size $3\frac{9}{10}$ ".

For tables of weights, see page 284.

FLAT ROLLED STEEL

RECTANGULAR AND CIRCULAR PLATES—Carbon Steel
SHEARED PLATES, THREE-SIXTEENTH INCHES AND UNDER, EXTREME SIZES

Thickness, Inches, B. W. G.	Weight, Lbs. per Sq. Ft.	Widths and Lengths in Inches							Diameter, Inches
		74	72	70	68	66	64	60	
$\frac{3}{16}$	7.65	200	220	240	250	270	320	375	77
No. 8	6.73		200	210	216	230	260	280	74
No. 9	6.04			160	170	190	220	240	70
No. 10	5.47				144	170	200	230	68
$\frac{1}{8}$	5.10					140	150	160	66
No. 11	*See Note					140	150	160	66
No. 12	*See Note					120	130	144	64
Thickness, Inches, B. W. G.	Weight, Lbs. per Sq. Ft.	54	48	42	36	30	24		Diameter, Inches
$\frac{3}{16}$	7.65	400	400	400	375	375	400		77
No. 8	6.73	300	340	350	350	350	340		74
No. 9	6.04	280	300	310	330	330	280		70
No. 10	5.47	240	260	270	300	300	260		68
$\frac{1}{8}$	5.10	200	220	230	260	260	260		66
No. 11	*See Note	200	220	230	260	260	260		66
No. 12	*See Note	180	200	220	240	240	240		64

Rectangular Plates $\frac{3}{16}$ " thick, over 74" wide and Circular Plates $\frac{3}{16}$ " thick, over 77" diameter can be furnished to gage only and only under certain conditions. Such sizes should be submitted for special consideration.

* Plates lighter than $\frac{1}{8}$ " should be specified to gage only, as it is not practicable to furnish such light plates to weight.

Plates of greater dimensions than shown in above table, may be submitted for special consideration.

RECTANGULAR UNIVERSAL PLATES—Carbon Steel

UNIVERSAL MILL PLATES, ONE-FOURTH INCH AND OVER, EXTREME SIZES

Thick- ness, Inches	Weight, Lbs. per Sq. Ft.	Widths and Lengths in Inches										
		48-46	45-41	40-36	35-31	30-26	25-20	19-17	16-15	14-12	11	10-6 $\frac{1}{2}$
$\frac{1}{4}$	10.20						1020	1020	1020	1020	540	540
$\frac{5}{16}$	12.75	1020	1020	1140	1260	1320	1320	1080	1080	1080	600	600
$\frac{3}{8}$	15.30	1200	1200	1320	1380	1380	1380	1080	1080	1080	900	840
$\frac{7}{16}$	17.85	1320	1320	1380	1380	1380	1380	1080	1080	1080	900	840
$\frac{1}{2}$	20.40	1380	1380	1380	1380	1380	1380	1080	1080	1080	1020	840
$\frac{9}{16}$	22.95	1380	1380	1380	1380	1380	1380	1080	1080	1080	1020	840
$\frac{5}{8}$	25.50	1380	1380	1380	1380	1380	1380	1080	1080	1080	1020	840
$\frac{3}{4}$	30.60	1353	1357	1363	1372	1380	1380	1080	1080	1080	900	840
$\frac{7}{8}$	35.70	1160	1163	1169	1177	1188	1203	1080	1080	1080	900	840
1	40.80	1015	1018	1023	1030	1039	1052	1080	1080	1080	900	840
$1\frac{1}{8}$	45.90	903	905	910	916	924	936	1080	1080	1080	840	840
$1\frac{1}{4}$	51.00	812	814	818	824	832	842	1071	1080	1080	840	840
$1\frac{3}{8}$	56.10	738	740	744	749	756	766	973	1080	1080	840	840
$1\frac{1}{2}$	61.20	677	679	682	687	693	702	892	1059	1080	840	840
$1\frac{5}{8}$	66.30	625	626	629	634	640	648	823	978	1080	840	840
$1\frac{3}{4}$	71.40	580	581	584	588	594	601	765	908	1038	720	720
$1\frac{7}{8}$	76.50	541	543	545	549	554	561	714	847	968	660	720
2	81.60	507	509	511	515	519	526	669	794	907	600	720

Plates of greater dimensions than shown in above table, may be submitted for special consideration.

CARNEGIE STEEL COMPANY

RECTANGULAR AND CIRCULAR PLATES—Carbon Steel

SHEARED PLATES, ONE-FOURTH INCH AND OVER, EXTREME SIZES

Thick- ness, Inches	Weight, Lbs. per Sq. Ft.	Widths and Lengths in Inches										Diam., Inches
		132	126	120	114	108	102	96	90	84	78	
1/4	10.20				175	250	280	300	330	375	400	115
5/16	12.75			240	270	320	360	380	420	440	460	120
3/8	15.30	180	240	270	320	365	380	410	450	500	550	132
7/16	17.85	200	270	300	360	370	410	430	460	510	550	132
1/2	20.40	240	270	320	365	400	450	480	510	550	580	134
9/16	22.95	240	270	330	373	420	470	500	530	570	600	134
5/8	25.50	240	300	350	390	450	500	520	540	600	620	134
11/16	28.05	240	300	360	420	450	500	520	540	600	620	134
3/4	30.60	240	300	360	400	450	490	520	540	600	620	134
13/16	33.15	240	300	340	385	440	490	510	530	600	620	134
7/8	35.70	240	300	330	375	440	480	510	530	600	620	134
1	40.80	240	300	300	340	440	460	500	530	580	600	134
1 1/8	45.90	240	300	300	330	410	440	450	500	550	580	132
1 1/4	51.00	230	270	300	310	380	400	420	490	530	550	132
1 1/2	61.20	210	230	260	280	330	320	340	420	440	480	132
1 3/4	71.40	200	200	220	240	280	270	300	380	380	410	132
2	81.60	180	180	190	210	240	240	260	320	330	360	132
2 1/4	91.80	132	160	170	190	210	210	230	280	295	320	132
Thick- ness, Inches	Weight, Lbs. per Sq. Ft.	72	66	60	54	50	48	42	36	30	24	Diam., Inches
1/4	10.20	430	475	525	530	530	530	530	530	530	530	115
5/16	12.75	480	500	560	550	575	575	550	550	550	580	120
3/8	15.30	600	600	620	620	620	620	600	580	600	600	132
7/16	17.85	600	630	630	640	640	640	600	580	600	600	132
1/2	20.40	610	630	630	640	640	640	600	580	630	600	134
9/16	22.95	620	640	640	640	640	640	600	580	630	600	134
5/8	25.50	620	640	640	640	640	640	600	580	600	600	134
11/16	28.05	620	640	640	640	640	640	600	580	600	580	134
3/4	30.60	620	640	640	640	640	640	600	580	600	580	134
13/16	33.15	620	640	640	640	640	640	600	580	570	550	134
7/8	35.70	620	640	640	640	640	640	600	580	550	550	134
1	40.80	600	630	630	640	640	640	580	580	520	530	134
1 1/8	45.90	580	620	620	640	640	640	580	580	520	500	132
1 1/4	51.00	550	600	600	600	600	600	560	560	520	450	132
1 1/2	61.20	530	600	600	600	600	600	540	540	470	430	132
1 3/4	71.40	450	490	550	550	550	550	540	540	430	380	132
2	81.60	400	440	480	500	500	500	500	500	400	350	132
2 1/4	91.80	350	390	420	450	450	450	450	450	300	200	132

Plates 48" wide and under can also be rolled on Universal Mills.

For greater length and Universal Mill Sizes, see Universal Mill Plate Table.

Plates of greater dimensions than shown in above tables may be submitted for special consideration.

FLAT ROLLED STEEL

RECTANGULAR PLATES—Nickel Steel

SHEARED PLATES, ONE-FOURTH INCH AND OVER, EXTREME SIZES

Thick- ness, Inches	Widths and Lengths in Inches														
	102	96	90	84	78	72	66	60	54	50	48	42	36	30	24
1/4						240	240	260	280	280	280	280	280	260	260
5/16					260	260	270	300	310	310	340	340	340	310	310
3/8		280	340	390	420	450	500	500	500	500	480	450	450	430	430
7/16	260	300	360	400	430	480	520	520	520	520	500	490	490	480	480
1/2	270	320	380	420	460	485	520	520	520	520	500	490	490	480	480
9/16	270	320	380	420	460	485	520	520	520	520	500	490	490	480	480
5/8	260	300	355	390	440	480	520	520	520	520	500	500	500	480	450
11/16	260	300	355	390	440	460	490	500	500	500	500	500	480	480	450
3/4	260	300	355	390	440	450	460	500	500	500	500	500	480	480	450
13/16	260	300	355	390	440	440	460	480	500	500	500	500	480	460	440
7/8	260	300	355	390	440	440	460	480	480	480	480	480	480	450	440
1	260	290	320	370	400	430	440	460	480	480	480	480	440	420	420
1 1/8	250	270	295	330	375	400	410	420	440	440	440	440	440	420	420
1 1/4	240	260	290	315	330	350	360	380	390	400	400	420	420	400	400
1 1/2	230	260	290	290	310	330	350	370	390	390	390	390	380	380	360
1 3/4	220	230	250	270	300	310	330	350	370	390	390	360	340	340	320
2	210	230	250	260	290	295	310	330	350	370	370	340	320	320	290

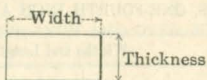
RECTANGULAR PLATES—Nickel Steel

UNIVERSAL MILL PLATES, ONE-FOURTH INCH AND OVER, EXTREME SIZES

Thick- ness, Inches	Widths and Lengths in Inches										
	48-46	45-41	40-36	35-31	30-26	25-20	19-17	16-15	14-12	11	10-6 1/2
1/4							660	660	660	540	540
5/16	540	540	600	660	720	780	780	780	780	600	600
3/8	720	720	780	840	960	960	1020	1020	1020	900	840
7/16	840	840	960	1020	1080	1080	1020	1020	1020	900	840
1/2	960	960	1080	1140	1200	1200	1020	1020	1020	1020	840
9/16	960	960	1080	1140	1200	1200	1020	1020	1020	1020	840
5/8	900	900	1020	1080	1140	1140	1000	1000	1020	1020	840
3/4	840	840	960	1020	1080	1080	1000	1000	1020	900	840
7/8	780	780	840	960	960	960	1000	1000	1000	900	840
1	720	750	780	816	840	900	1000	1000	1000	900	840
1 1/8	640	667	693	725	744	800	1000	1000	1000	840	840
1 1/4	575	600	624	652	672	720	1000	1000	1000	840	840
1 3/8	525	545	567	593	600	655	970	1000	1000	840	840
1 1/2	480	500	520	544	540	600	890	1000	980	840	840
1 5/8	444	461	480	502	504	554	820	978	980	840	840
1 3/4	410	428	445	466	480	514	765	908	980	720	720
1 7/8	384	400	416	435	444	480	710	847	968	660	720
2	360	375	390	408	420	450	670	794	908	600	720

All sizes of Rectangular Nickel Steel Plates given in above tables under 1/2" thick should be specified to gage only. Plates 1/2" thick and over can be rolled to either gage or weight per square foot.

SQUARE EDGE FLATS



- $\frac{3}{8}$ " to 3", wide, x any thickness $\frac{1}{8}$ " up to width.
- Over 3" to 5", wide, x any thickness $\frac{1}{4}$ " to 3", inclusive.
- Over 5" to 7", wide, x any thickness $\frac{1}{4}$ " to 2", inclusive.
- Over 7" to 7 $\frac{1}{2}$ ", wide, x any thickness $\frac{3}{16}$ " to 1 $\frac{1}{2}$ ", inclusive.
- Over 7 $\frac{1}{2}$ " to 8", wide, x any thickness $\frac{5}{16}$ " to 1", inclusive.

Sizes not listed will be considered.

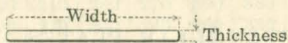
For tables of weights, see pages 242 to 246, inclusive.

NUT STEEL FLATS

All sizes of Nut Steel Flats within the range of Square Edge Flats can be furnished. Some of the smaller sizes can be furnished in coils.

For tables of weights, see pages 242 to 246, inclusive.

BAND EDGE FLATS



- $\frac{3}{8}$ " wide, x No. 18 to No. 4 B.W.G.
- $\frac{7}{16}$ " wide, x No. 19 to No. 4 B.W.G.
- $\frac{1}{2}$ " wide, x No. 22 to No. 4 B.W.G.
- $\frac{9}{16}$ " to 1", wide, x No. 23 to No. 4 B.W.G.
- 1 $\frac{1}{16}$ " to 2", wide, x No. 22 to No. 4 B.W.G.
- 2 $\frac{1}{16}$ " to 3", wide, x No. 21 to No. 1 B.W.G.
- 3 $\frac{1}{16}$ " to 3 $\frac{1}{2}$ ", wide, x No. 20 to No. 1 B.W.G.
- 3 $\frac{9}{16}$ " to 4", wide, x No. 19 to No. 1 B.W.G.
- 4 $\frac{1}{16}$ " to 4 $\frac{1}{2}$ ", wide, x No. 18 to No. 1 B.W.G.
- 4 $\frac{9}{16}$ " to 5 $\frac{1}{16}$ ", wide, x No. 17 to No. 1 B.W.G.
- 5 $\frac{1}{8}$ " to 6 $\frac{3}{4}$ ", wide, x No. 16 to No. 1 B.W.G.
- 6 $\frac{3}{16}$ " to 8 $\frac{3}{8}$ ", wide, x No. 14 to No. 1 B.W.G.
- 8 $\frac{1}{16}$ " to 9 $\frac{5}{8}$ ", wide, x No. 12 to No. 1 B.W.G.
- 10 $\frac{1}{4}$ ", wide, x No. 12 to No. 1 B.W.G.

From $\frac{3}{8}$ " to 9 $\frac{5}{8}$ ", intermediate widths can be furnished.

Over 9 $\frac{5}{8}$ " in width, the size, listed is the only one which is rolled, but intermediate widths will be considered.

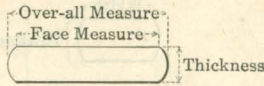
Weights are approximately the same as weights of Flat Rolled Steel, pages 230 to 235, inclusive.

SKELP

All sizes within the range of Sheared Plates, Universal Mill Plates, and Band Edge Flats can be furnished.

For tables of weights, see pages 230 to 268, inclusive.

ROUND EDGE FLATS, INCLUDING ROUND EDGE TIRE



$\frac{3}{8}$ " to $\frac{7}{16}$ ",	wide, x No. 12 B.W.G. to $\frac{1}{4}$ "	Face Measure only.
$\frac{1}{2}$ " to $\frac{9}{16}$ ",	wide, x No. 12 B.W.G. to $\frac{5}{16}$ "	Face or Over-all Measure.
$\frac{5}{8}$ " to $1\frac{1}{16}$ ",	wide, x No. 12 B.W.G. to $\frac{3}{8}$ "	Face or Over-all Measure.
$\frac{3}{4}$ " to $1\frac{3}{16}$ ",	wide, x No. 12 B.W.G. to $\frac{1}{2}$ "	Face or Over-all Measure.
$\frac{7}{8}$ " to $1\frac{1}{8}$ ",	wide, x No. 12 B.W.G. to $\frac{3}{4}$ "	Face or Over-all Measure.
$1\frac{1}{2}$ " to 2",	wide, x No. 12 B.W.G. to 1"	Face or Over-all Measure.
$2\frac{1}{8}$ " to 3",	wide, x $\frac{1}{8}$ "	to 1" Face or Over-all Measure.
$3\frac{1}{8}$ " to 4",	wide, x $\frac{1}{4}$ "	to 1" Face or Over-all Measure.
$4\frac{1}{8}$ " to 6",	wide, x $\frac{5}{16}$ "	to 1" Face or Over-all Measure.

Also Round Edge Flats:

6" to $6\frac{1}{16}$ ",	wide, x $\frac{1}{4}$ "	to $\frac{1}{2}$ " Face or Over-all Measure.
$6\frac{3}{4}$ " to 7",	wide, x $\frac{1}{4}$ "	to $\frac{1}{2}$ " Over-all Measure only.

The Over-all Measure is determined by adding to Face Measure:

One-half of the thickness for all sizes up to $\frac{1}{2}$ ", inclusive, in thickness.

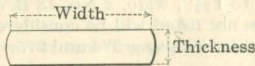
$\frac{5}{16}$ " for all sizes over $\frac{1}{2}$ " to $\frac{3}{4}$ ", inclusive, in thickness.

$\frac{3}{8}$ " for all sizes over $\frac{3}{4}$ " in thickness.

Sizes not listed, and other roundings, will be considered.

For tables of weights, see pages 272 to 275, inclusive.

OVAL EDGE FARM WAGON TIRE



1"	to $1\frac{1}{8}$ ",	wide, x $\frac{1}{4}$ "	to $1\frac{1}{32}$ "
$1\frac{1}{4}$ "	to $2\frac{1}{8}$ ",	wide, x $\frac{1}{4}$ "	to $\frac{3}{4}$ "
$2\frac{1}{4}$ "	to $3\frac{3}{4}$ ",	wide, x $\frac{1}{4}$ "	to 1"
$3\frac{7}{8}$ "	to 4",	wide, x $\frac{3}{8}$ "	to 1"

The Over-all Measure is determined by adding to Face Measure:

$\frac{1}{16}$ " for sizes $\frac{1}{4}$ " to $\frac{5}{16}$ ", inclusive, in thickness.

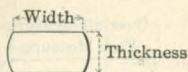
$\frac{3}{32}$ " for sizes over $\frac{5}{16}$ " to $\frac{7}{16}$ ", inclusive, in thickness.

$\frac{1}{8}$ " for sizes over $\frac{7}{16}$ " to $1\frac{1}{16}$ ", inclusive, in thickness.

$\frac{1}{4}$ " for sizes over $1\frac{1}{16}$ " to 1", inclusive, in thickness.

Sizes not listed will be considered.

ROUND EDGE TOE CALK



- $\frac{3}{8}$ " to $\frac{7}{8}$ ", wide, x $\frac{3}{16}$ "
- $\frac{5}{16}$ " to $\frac{3}{4}$ ", wide, x $\frac{1}{4}$ "
- $\frac{3}{8}$ " to $\frac{3}{4}$ ", wide, x $\frac{5}{16}$ "
- $\frac{7}{16}$ " to $\frac{7}{8}$ ", wide, x $\frac{3}{8}$ "
- $\frac{1}{2}$ " to $\frac{3}{4}$ ", wide, x $\frac{7}{16}$ "
- $\frac{5}{8}$ " to $\frac{7}{8}$ ", wide, x $\frac{1}{2}$ "
- $\frac{3}{4}$ " to $\frac{7}{8}$ ", wide, x $\frac{5}{8}$ "

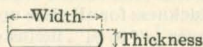
The Over-all Measure is determined by adding to Face Measure:

$\frac{1}{16}$ " for sizes $\frac{3}{16}$ ", $\frac{1}{4}$ ", and $\frac{5}{16}$ " in thickness.

$\frac{3}{32}$ " for sizes $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", and $\frac{5}{8}$ " in thickness.

Sizes not listed will be considered.

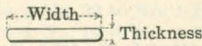
ROUND EDGE SPRING STEEL



- $\frac{3}{4}$ " to $1\frac{3}{16}$ ", wide, x $\frac{1}{8}$ " to $\frac{1}{2}$ "
 - $\frac{7}{8}$ " to $1\frac{1}{2}$ ", wide, x $\frac{1}{8}$ " to $\frac{3}{4}$ "
 - $1\frac{1}{16}$ " to 4", wide, x $\frac{1}{4}$ " to 1"
 - $4\frac{1}{8}$ " to 7", wide, x $\frac{1}{4}$ " to $\frac{1}{2}$ "
- Sizes not listed will be considered.

For tables of weights, see pages 274 and 275.

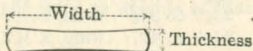
ROUND EDGE BABY CARRIAGE SPRING STEEL



- $\frac{1}{2}$ " to $\frac{9}{16}$ ", wide, x No. 13 B.W.G. to $\frac{3}{16}$ "
 - $\frac{5}{8}$ " to $1\frac{1}{8}$ ", wide, x No. 13 B.W.G. to $\frac{1}{4}$ "
- Sizes not listed will be considered.

For tables of weights, see pages 274 and 275.

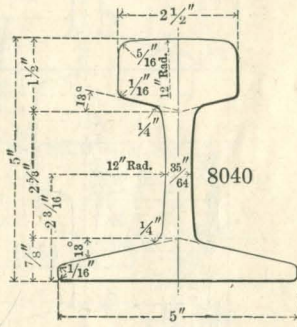
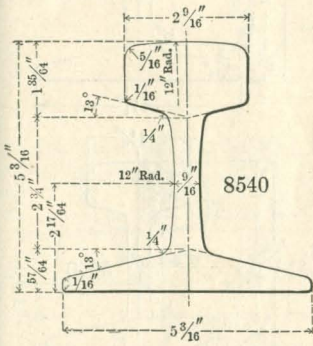
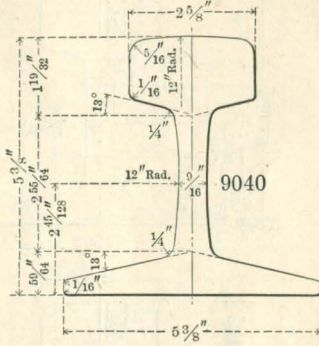
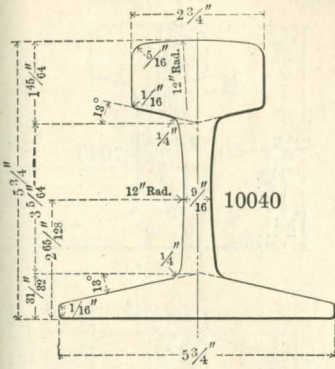
ROUND EDGE CONCAVE OR VEHICLE SPRING STEEL



- 1" and $1\frac{1}{16}$ ", wide, x No. 6 to No. 00 B.W.G.
 - $1\frac{1}{8}$ " to 2", wide, x No 7 to No. 00 B.W.G.
 - $2\frac{1}{16}$ " to $2\frac{1}{2}$ ", wide, x No. 7 to $\frac{7}{16}$ "
 - $2\frac{9}{16}$ " to $3\frac{1}{2}$ ", wide, x No. 6 to $\frac{7}{16}$ "
- Sizes not listed will be considered.

RAIL SECTIONS

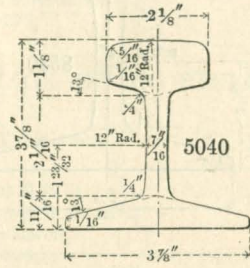
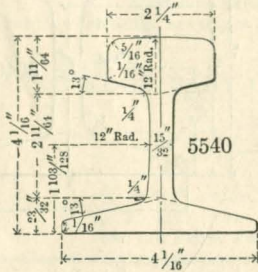
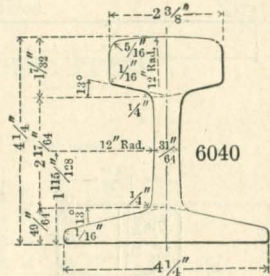
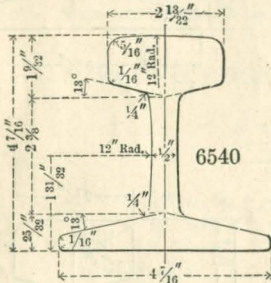
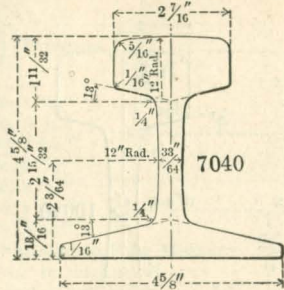
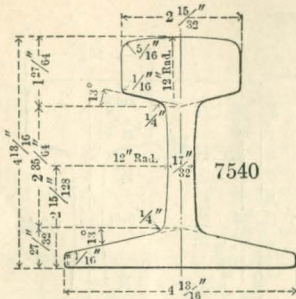
A. S. C. E. RAILS



Section Index	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bars		
		Base, Inches	Head, Inches		Regular	Miscellaneous	Duquesne
10040	5 3/4	5 3/4	2 3/4	100	S 10040		D 10040
9040	5 3/8	5 3/8	2 5/8	90	S 9040	S 10030 S 10032	D 9040 D 10032
8540	5 3/16	5 3/16	2 9/16	85	S 8540		D 8540
8040	5	5	2 1/2	80	S 8040	S 8040 A S 8040 B S 9030	D 8040 D 9030

CARNEGIE STEEL COMPANY

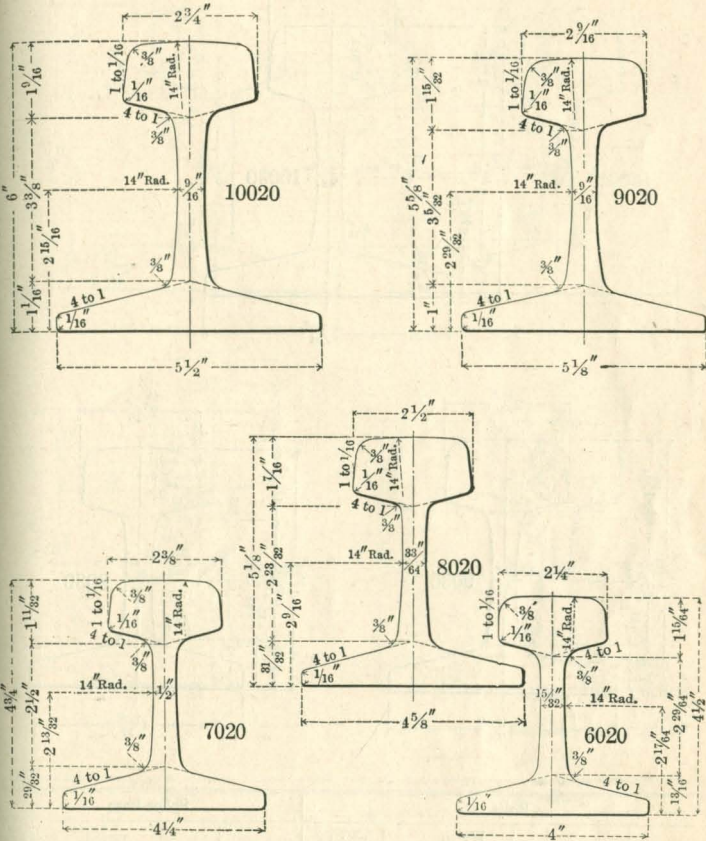
A. S. C. E. RAILS—Concluded



Section Index	Depth, Inches	Rails		Weight per Yard, Pounds	Splice Bars		
		Width			Regular	Miscellaneous	Duquesne
		Base, Inches	Head, Inches				
7540	4 13/16	4 13/16	2 15/32	75	S 7540		D 7540
7040	4 5/8	4 5/8	2 7/16	70	S 7040	S 7040 A S 7040 C	D 7040
6540	4 7/16	4 7/16	2 13/32	65	S 6540		
6040	4 1/4	4 1/4	2 3/8	60	S 6040		D 6040
5540	4 1/16	4 1/16	2 1/4	55	S 5540	S 5540 A	
5040	3 7/8	3 7/8	2 1/8	50	S 5040		

RAIL SECTIONS

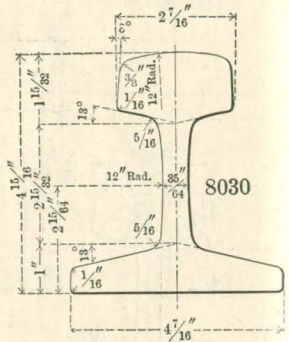
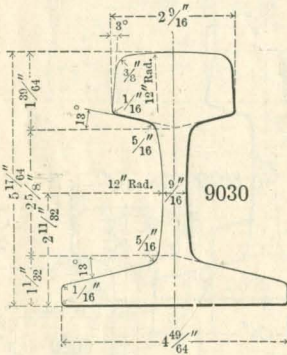
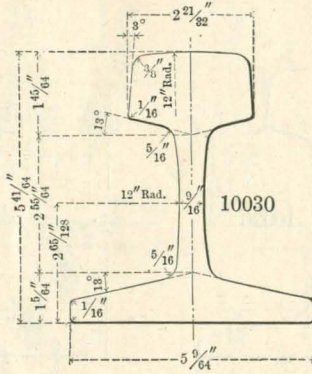
AMERICAN RAILWAY ASSOCIATION RAILS
SERIES A



Section Index	Depth, Inches	Rails		Weight per Yard, Pounds	Splice Bars	
		Width			Regular	Duquesne
		Base, Inches	Head, Inches			
10020	6	5 1/2	2 3/4	100	S 10020 A	D 10020
9020	5 5/8	5 1/8	2 9/16	90	S 9020	D 9020
8020	5 1/8	4 5/8	2 1/2	80	S 8020	
7020	4 3/4	4 1/4	2 3/8	70	S 7020	
6020	4 1/2	4	2 1/4	60	S 6020	

AMERICAN RAILWAY ASSOCIATION RAILS

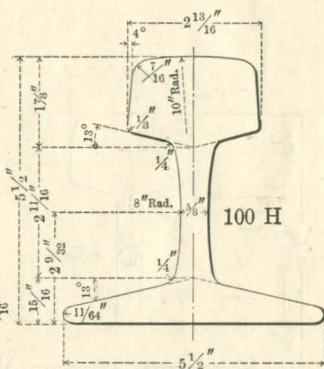
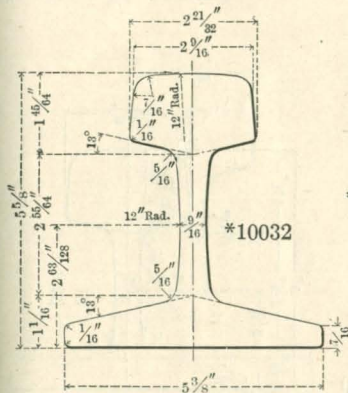
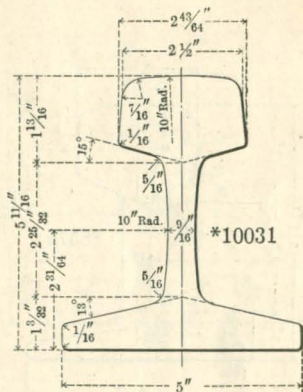
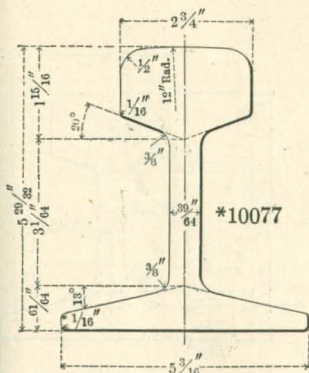
SERIES B



Section Index	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bars		
		Base, Inches	Head, Inches		Regular	Miscellaneous	Duquesne
10030	5 1/4	5 9/64	2 21/32	100	S 10030	S 10032	D 10030 D 10032 D 9040
9030	5 17/64	4 49/64	2 9/16	90	S 9030	S 8040 S 8040 B S 8040 E	D 9030 D 8040
8030	4 15/16	4 7/16	2 7/16	80	S 8030	S 7040 S 7040 A	D 7040

RAIL SECTIONS

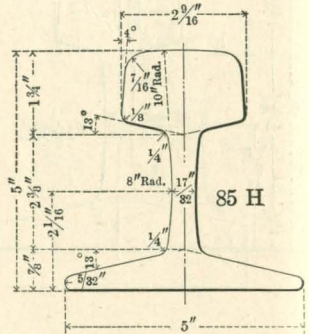
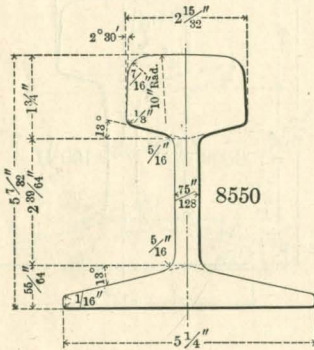
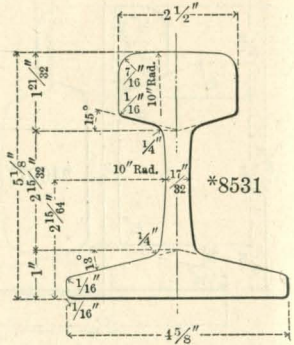
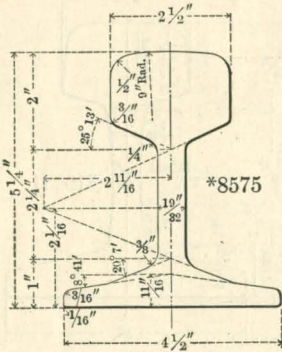
MISCELLANEOUS RAILS



Section Index	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bars		
		Base, Inches	Head, Inches		Regular	Miscellaneous	Duquesne
*10077	5 29/32	5 3/16	2 3/4	100			
*10031	5 11/16	5	2 43/64	100	D 10031 A	S 10031	D 10031 A
*10032	5 5/8	5 3/8	2 21/32	100	D 10032	S 10032 S 10030 S 9040	D 10032 D 10030 D 9040
100 H	5 1/2	5 1/2	2 13/16	100			D 100 H

*Furnished only by special arrangement.

MISCELLANEOUS RAILS—Continued

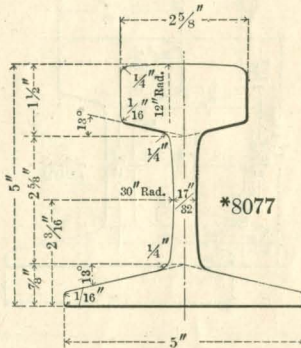
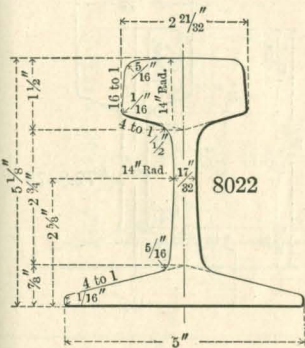
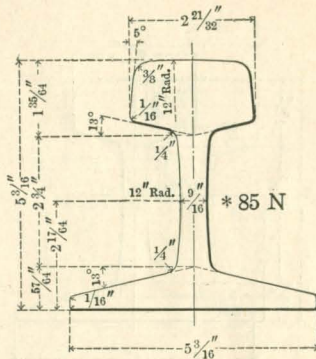
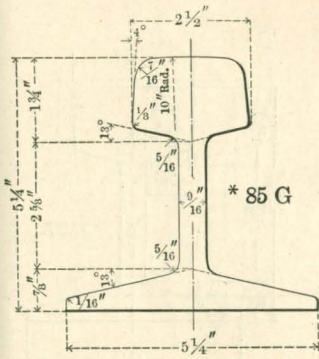


Section Index	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bars		
		Base, Inches	Head, Inches		Regular	Miscellaneous	Duquesne
*8575	5 1/4	4 1/2	2 1/2	85	S 8575		
*8531	5 1/8	4 3/8	2 1/2	85	S 8531		D 8531
8550	5 7/32	5 1/4	2 15/32	85	S 8550		D 8040
85 H	5	5	2 9/16	85		S 85 HA	D 85 H

*Furnished only by special arrangement.

RAIL SECTIONS

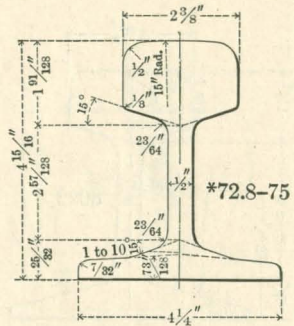
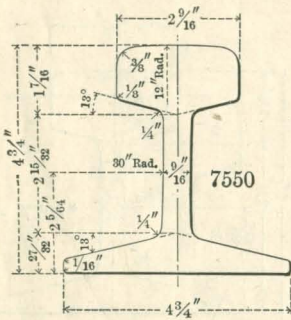
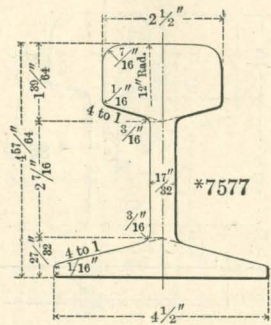
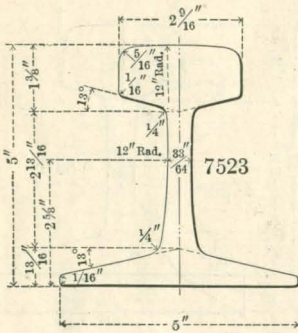
MISCELLANEOUS RAILS—Continued



Section Index	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bars		
		Base, Inches	Head, Inches		Regular	Miscellaneous	Duquesne
*85 G	5 1/4	5 1/4	2 1/2	85			
*85 N	5 3/16	5 3/16	2 21/32	85			
8022	5 1/8	5	2 21/32	80	S 8022		D 8522
*8077	5	5	2 3/8	80	S 8077	S 8040 S 8040 B S 8040 E S 8550	D 8040 D 9030

*Furnished only by special arrangement.

MISCELLANEOUS RAILS—Continued

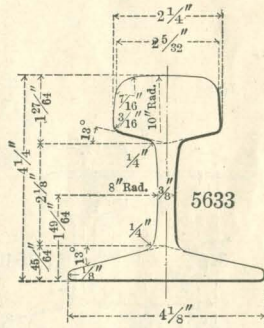
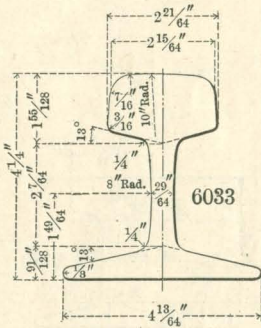
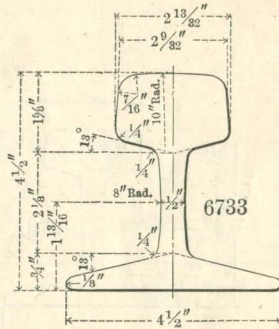
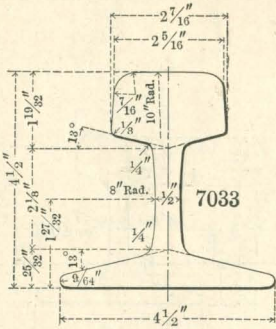


Section Index	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bars		
		Base, Inches	Head, Inches		Regular	Miscellaneous	Duquesne
7523	5	5	2 9/16	75	S 7523		
*7577	4 57/64	4 1/2	2 1/2	75		S 7577	D 7577
7550	4 3/4	4 3/4	2 9/16	75	S 7550	S 7040 S 7040 A S 7040 C	
*72.8-75	4 15/16	4 1/4	2 3/8	72.8	S 72.8-75		

*Furnished only by special arrangement.

RAIL SECTIONS

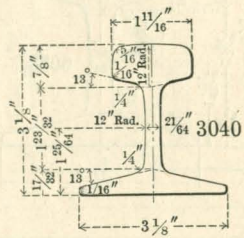
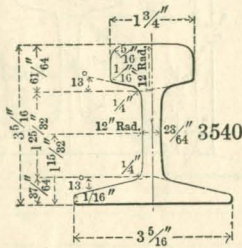
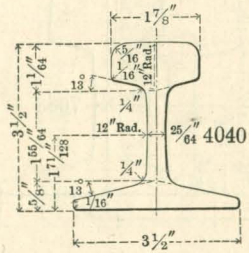
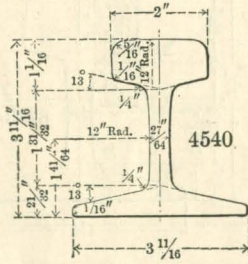
MISCELLANEOUS RAILS—Concluded



Section Index	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bars		
		Base, Inches	Head, Inches		Regular	Miscellaneous	Duquesne
7033	4 1/2	4 1/2	2 7/16	70	S 7033	S 7033 A S 7033 B	D 7033
6733	4 1/2	4 1/2	2 13/32	67		S 7033 S 7033 A S 7033 B	D 7033
6033	4 1/4	4 13/64	2 21/64	60		S 7033 S 7033 A S 7033 B	D 7033
5633	4 1/4	4 3/8	2 1/4	56		S 7033 S 7033 A S 7033 B	D 7033

CARNEGIE STEEL COMPANY

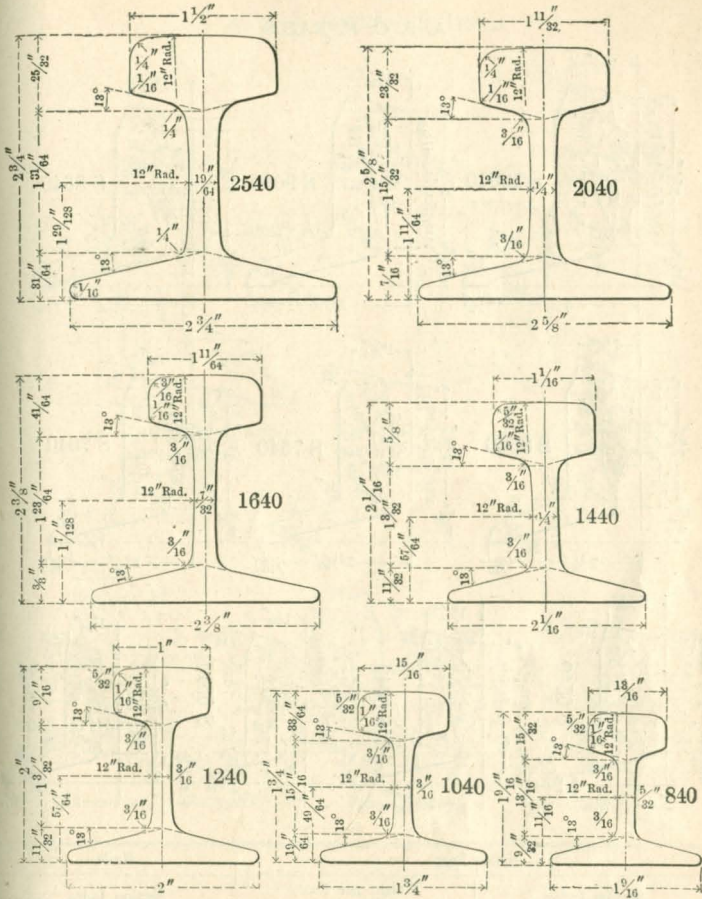
LIGHT RAILS



Section Index	Depth, Inches	Rails		Weight per Yard, Pounds	Splice Bars	
		Width			Regular	
		Base, Inches	Head, Inches			
4540	3 11/16	3 11/16	2	45	S 4540	
4040	3 1/2	3 1/2	1 7/8	40	S 4040	
3540	3 5/16	3 5/16	1 3/4	35	S 3540	
3040	3 1/8	3 1/8	1 11/16	30	S 3040	

RAIL SECTIONS

LIGHT RAILS—Concluded

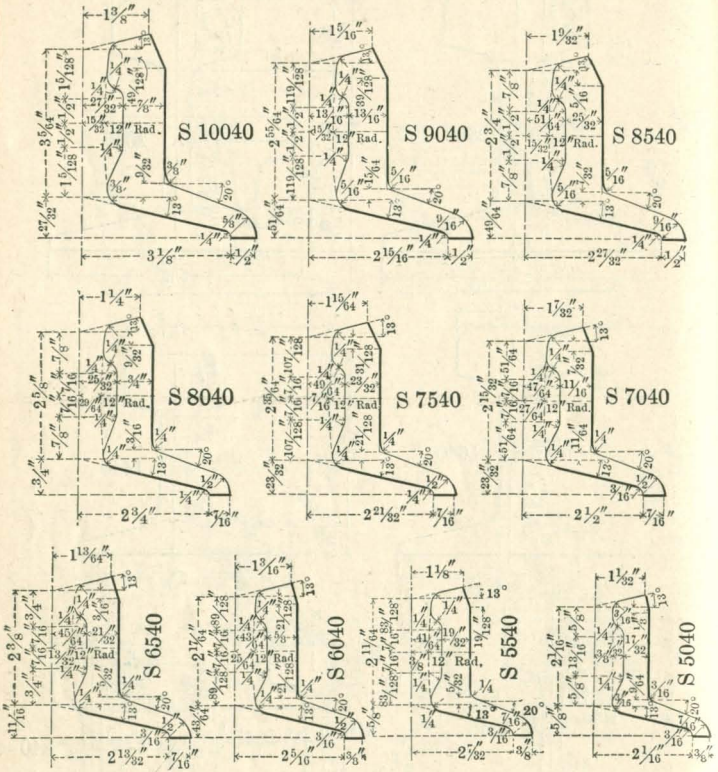


Section Index	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bars
		Base, Inches	Head, Inches		Regular
2540	$2\frac{3}{4}$	$2\frac{3}{4}$	$1\frac{1}{2}$	25	S 2540
2040	$2\frac{5}{8}$	$2\frac{5}{8}$	$1\frac{11}{32}$	20	S 2040
1640	$2\frac{3}{8}$	$2\frac{3}{8}$	$1\frac{11}{64}$	16	S 1640
1440	$2\frac{1}{16}$	$2\frac{1}{16}$	$1\frac{1}{16}$	14	S 1440
1240	2	2	1	12	S 1240
1040	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{5}{16}$	10	S 1040
840	$1\frac{9}{16}$	$1\frac{9}{16}$	$1\frac{13}{16}$	8	S 840

CARNEGIE STEEL COMPANY

SPLICE BARS

A. S. C. E. RAILS

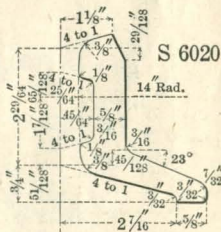
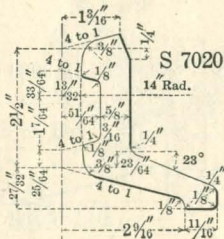
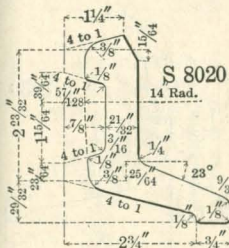
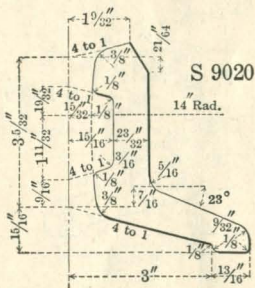
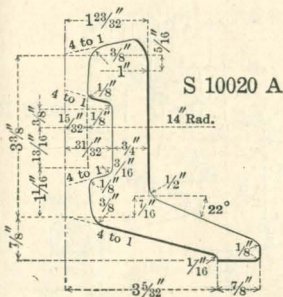


Splice Bars		Rails
Section Index	Weight per Foot, Pounds	Section Index
S 10040	15.8 unfinished	10040
S 9040	13.5 "	9040, 10030, 10032
S 8540	12.4 "	8540
S 8040	11.5 "	8040, 9030, 8077
S 7540	10.7 "	7540
S 7040	10.0 "	7040
S 6540	9.2 "	6540
S 6040	8.4 "	6040
S 5540	7.5 "	5540
S 5040	6.62 "	5040

RAIL SECTIONS

SPLICE BARS

A. R. A. RAILS—SERIES A

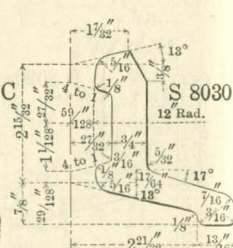
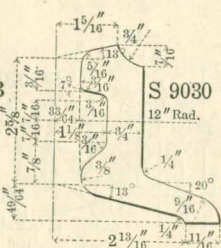
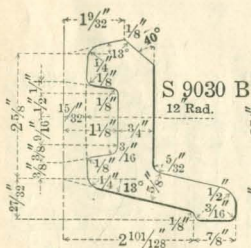
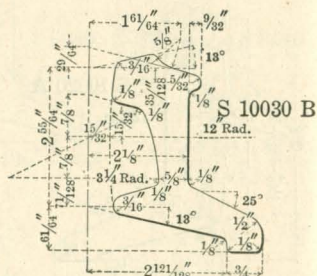
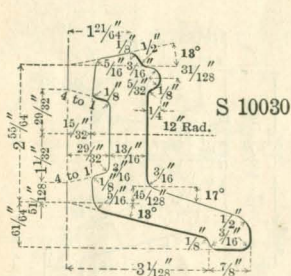


Splice Bars		Rails
Section Index	Weight per Foot, Pounds	Section Index
S 10020 A	18.80 unfinished	10020
S 9020	16.64 "	9020
S 8020	13.43 "	8020
S 7020	11.64 "	7020
S 6020	10.63 "	6020

CARNEGIE STEEL COMPANY

SPLICE BARS—Continued

A. R. A. RAILS—SERIES B

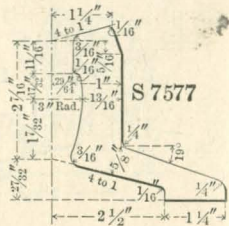
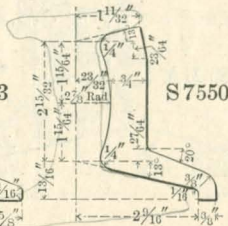
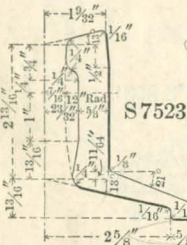
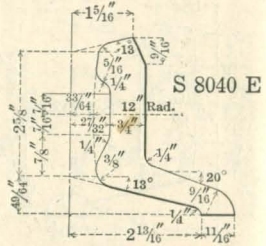
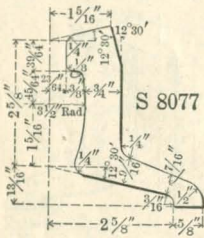
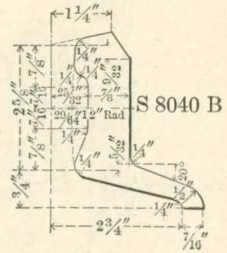
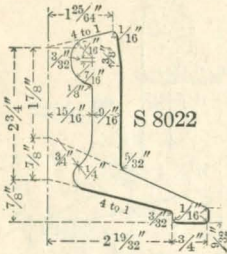


Splice Bars		Rails
Section Index	Weight per Foot, Pounds	Section Index
S 10030	16.92 unfinished	10030, 10032, 9040
S 10030 B	17.51 "	10030, 10032, 9040
S 9030 B	15.06 "	9030
S 9030 C	13.84 "	9030
S 8030	12.65 "	8030

CARNEGIE STEEL COMPANY

SPLICE BARS—Continued

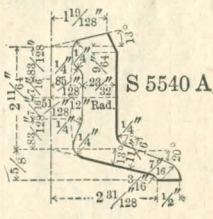
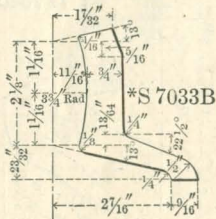
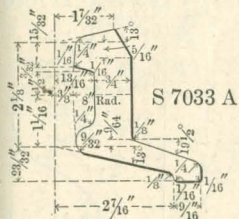
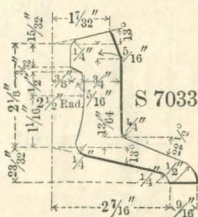
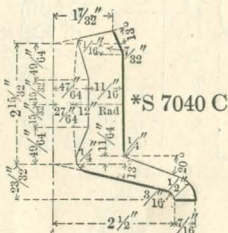
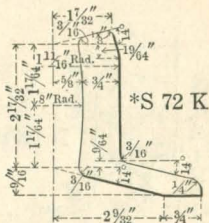
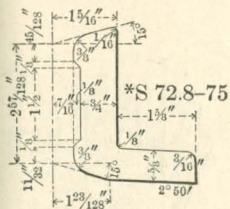
MISCELLANEOUS RAILS—Continued



Splice Bars		Rails
Section Index	Weight per Foot, Pounds	Section Index
S 8022	11.56 unfinished	8022
S 8040 B	12.50 "	8040, 9030, 8077
S 8077	12.48 "	8040, 9030, 8077
S 8040 E	12.89 "	8040, 9030, 8077
S 7523	10.30 "	7523
S 7550	11.08 "	7550
S 7577	13.23 "	7577

SPLICE BAR SECTIONS

SPLICE BARS—Continued
MISCELLANEOUS RAILS—Concluded



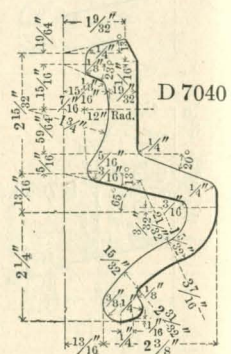
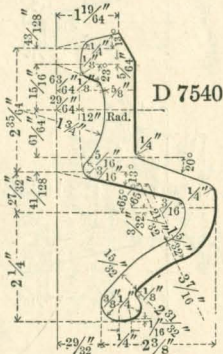
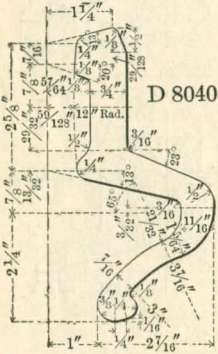
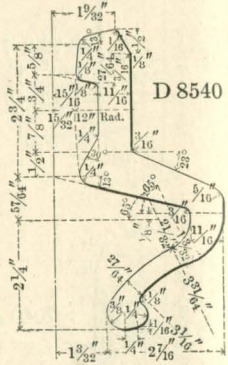
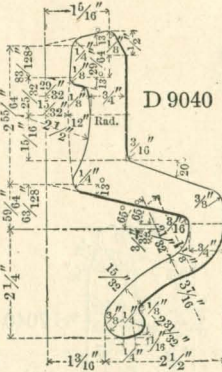
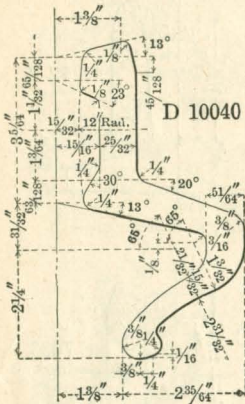
Splice Bars		Rails
Section Index	Weight per Foot, Pounds	Section Index
*S 72.8-75	11.4 unfinished	72.8-75
*S 72 K	10.3 "	
S 7040 A	11.3 "	7040, 7550
*S 7040 C	9.8 "	7040, 7550
S 7033	9.8 "	7033, 6733, 6033, 5633
S 7033 A	10.0 "	7033, 6733, 6033, 5633
*S 7033 B	9.32 "	7033, 6733, 6033, 5633
S 5540 A	9.05 "	5540

* Furnished only by special arrangement.

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DUQUESNE SPLICE BARS

A. S. C. E. RAILS



Splice Bars	Rails
Section Index	Section Index
D 10040	10040
D 9040	9040, 10030, 10032
D 8540	8540
D 8040	8040, 9030, 8077
D 7540	7540
D 7040	7040, 7550

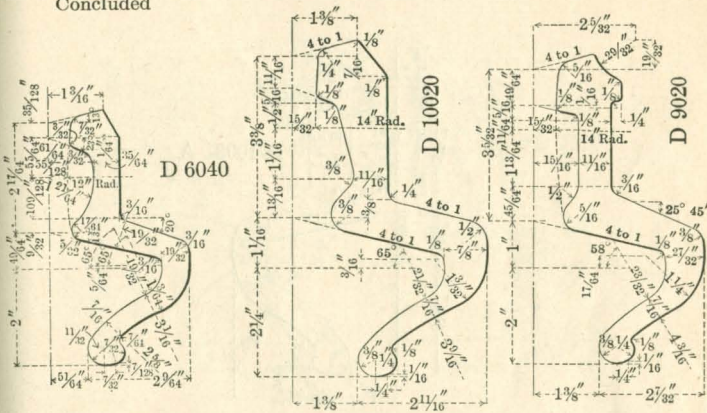
Full information as to uses of Duquesne rail joints is given in a separate pamphlet.

SPLICE BAR SECTIONS

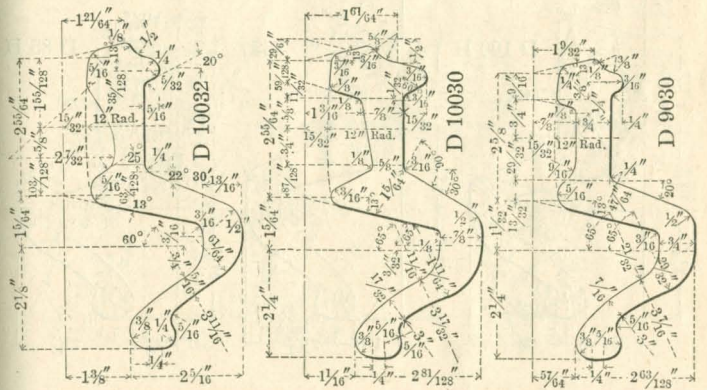
DUQUESNE SPLICE BARS—Continued

A. S. C. E. RAILS—
Concluded

A. R. A.—RAILS—SERIES A



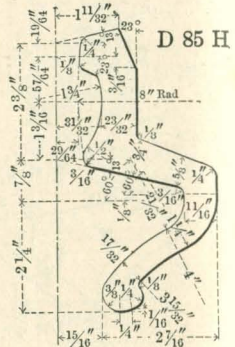
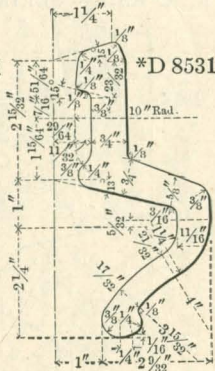
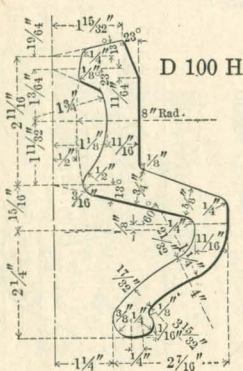
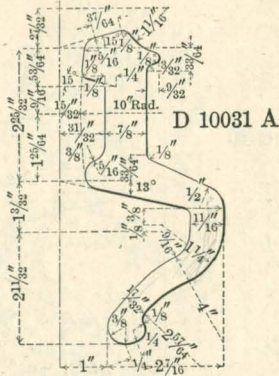
A. R. A. RAILS—SERIES B



Splice Bars	Rails
Section Index	Section Index
D 6040	6040
D 10020	10020
D 9020	9020
D 10032	10032, 10030, 9040
D 10030	10030, 10032, 9040
D 9030	9030, 8040, 8077

Full information as to uses of Duquesne rail joints is given in a separate pamphlet.

DUQUESNE SPLICE BARS—Continued
MISCELLANEOUS RAILS



Splice Bars	Rails
Section Index	Section Index
D 10031 A	10031
D 100 H	100 H
*D 8531	8531
D 85 H	85 H

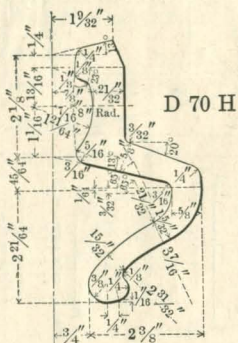
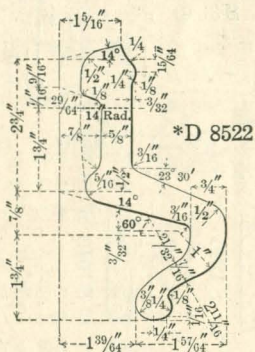
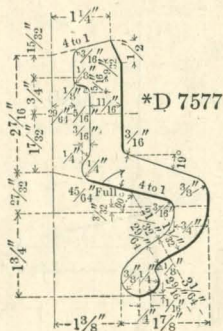
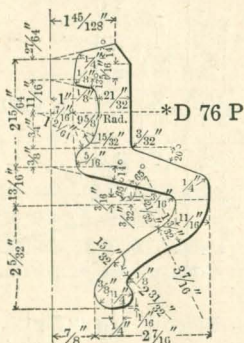
*Furnished only by special arrangement.

Full information as to uses of Duquesne rail joints is given in a separate pamphlet.

SPLICE BAR SECTIONS

DUQUESNE SPLICE BARS—Concluded

MISCELLANEOUS RAILS—Concluded



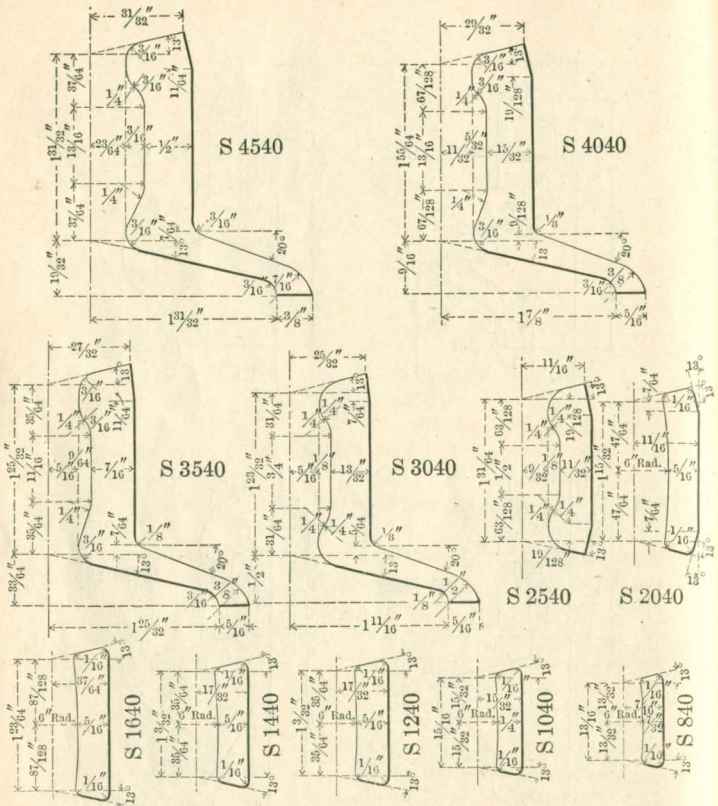
SplICE Bars	Rails
Section Index	Section Index
*D 76 P	
*D 7577	7577
*D 8522	8522
D 70 H	7033, 6733, 6033, 5633

*Furnished only by special arrangement.

Full information as to uses of Duquesne rail joints is given in a separate pamphlet.

CARNEGIE STEEL COMPANY

SPLICE BARS—Continued
LIGHT RAILS



Splice Bars		Rails
Section Index	Weight per Foot, Pounds	Section Index
S 4540	5.80 unfinished	4540
S 4040	5.00	4040
S 3540	4.58	3540
S 3040	3.97	3040
S 2540	2.20	2540
S 2040	1.87	2040
S 1640	1.70	1640
S 1440	1.36	1440
S 1240	1.36	1240
S 1040	0.985	1040
S 840	0.747	840

RAILS AND ACCESSORIES

RAILS AND SPLICE BARS

COMPARATIVE TABLE OF NEW AND OLD SECTION NUMBERS

Rails		Splice Bars, Ordinary		Splice Bars, Duquesne		Rails		Splice Bars, Ordinary		Splice Bars, Duquesne	
New No.	Old No.	New No.	Old No.	New No.	Old No.	New No.	Old No.	New No.	Old No.	New No.	Old No.
10020	100RA	S 10020A		D 10020	D 100RA	7020	70RA	S 7020	S 70RA		
		S 10022	S 100K			7033	70H	S 7033	S 70H		D 70H
10030	100RB	S 10030	S 100RB	D 10030	D 100RB			S 7033A	S 70HA		
		S 10030B	S 100RBM					S 7033B	S 70HM		
10031	100PS	S 10031	S 100LW	D10031A							
10032	100PR	S 10032	S 90P	D 10032	D 100PR	7040	70A	S 7040	S 70A	D 7040	D 70A
	100H				D 100H			S 7040A	S 70AB		
10040	100A	S 10040	S 100A	D 10040	D 100A			S 7040C	S 70AM		
10077	100P										
9020	90RA	S 9020	S 90RA	D 9020	D 90RA	6733	67H				
9030	90RB	S 9030B		D 9030	D 90RB	6540	65A	S 6540	S 65A		
		S 9030C				6020	60RA	S 6020	S 60RA		
9040	90A	S 9040	S 90A	D 9040	D 90A	6033	60H				
				D 8522	D 75K						
8531	85PS	S 8531	S 85LW	D 8531	D 85PS	6040	60A	S 6040	S 60A	D 6040	D 60A
	85H		S 85HA		D 85H	5633	56H				
8540	85A	S 8540	S 85A	D 8540	D 85A	5540	55A	S 5540	S 55A		
8550	85D	S 8550	S 85D					S 5540A	S 56½A		
8575	85P	S 8575	S 85P			5040	50A	S 5040	S 50A		
	85G					4540	45A	S 4540	S 45A		
	85N					4040	40A	S 4040	S 40A		
8020	80RA	S 8020	S 80RA			3540	35A	S 3540	S 35A		
8022	80K	S 8022	S 80K			3040	30A	S 3040	S 30A		
8030	80RB	S 8030	S 80RB			2540	25A	S 2540	S 25A		
8040	80A	S 8040	S 80A	D 8040	D 80A	2040	20A	S 2040	S 20A		
		S 8040B	S 80AD			1640	16A	S 1640	S 16A		
		S 8040E				1440	14A	S 1440	S 14A		
8077	80C	S 8077	S 80C			1240	12A	S 1240	S 12A		
					D 76P	1040	10A	S 1040	S 10A		
7523	75B	S 7523	S 75B			840	8A	S 840	S 8A		
7540	75A	S 7540	S 75A	D 7540	D 75A						
7550	75D	S 7550	S 75DR								
7577	75R	S 7577	S 75RM	D 7577	D 75R						
72.8-75	72.8E	S 72.8-75	S 72.8EM								
			S 72K								

CARNEGIE STEEL COMPANY

TABLE OF RAILS AND ACCESSORIES

Rail Section	Weight per Yard	Height of Rail	Base of Rail	Length of Splice Bar	One Rail Joint		Accessories for 1000 Tons of Rails						Material for One Mile of Single Track												
					Weight in Pounds	Total Joint	Number		Weight in Gross Tons		Number		Weight in Gross Tons		Number		Weight in Gross Tons								
							Splice Bars	Bolts and Nuts	Splice Bars	Bolts, Nuts	Spikes	Splice Bars	Bolts, Nuts	Spikes	Splice Bars	Bolts, Nuts	Spikes	Splice Bars	Bolts, Nuts	Spikes	Total Complete				
10040	100	5 3/4	5 3/4	34	1x4 3/8	5 1/2	85.65	9.70	95.35	2075	12450	73312	79.33	8.98	10.25	107.56	326	1956	11520	12.47	1.41	3.03	16.91	157.14	174.05
10030	100	5 1/4	5 1/4	34	1x4 3/8	5 1/2	91.62	9.70	101.32	2075	12450	73312	84.87	8.98	10.25	113.10	326	1956	11520	13.33	1.41	3.03	17.77	157.14	174.91
10020	100	6	5 1/2	34	1x4 3/8	5 1/2	103.84	9.70	113.64	2075	12450	73312	96.28	8.98	10.25	124.51	326	1956	11520	15.12	1.41	3.03	19.56	157.14	176.70
9040	90	5 3/8	5 3/8	34	1x4 3/8	5 1/2	72.74	9.40	82.14	2305	13830	81448	74.85	9.67	21.39	105.91	326	1956	11520	10.59	1.37	3.03	14.99	141.43	156.42
9030	90	5 1/4	4 3/4	34	1x4 3/8	5 1/2	77.53	9.40	87.23	2305	13830	81448	79.78	9.98	21.39	111.15	326	1956	11520	11.28	1.41	3.03	15.72	141.43	157.15
9020	90	5 5/8	5 1/8	34	1x4 3/8	5 1/2	90.51	9.52	100.03	2305	13830	81448	83.14	9.80	21.39	124.33	326	1956	11520	12.59	1.39	3.03	17.50	141.43	159.02
8540	85	5 9/16	5 9/16	34	7/8x4 1/8	5 1/2	67.56	6.90	74.46	2441	14646	86248	73.62	7.52	22.65	103.79	326	1956	11520	9.83	1.00	3.03	13.86	133.57	147.43
8040	80	4 1/2	4 1/2	34	7/8x4 1/8	5 1/2	62.58	6.90	69.48	2593	15558	91640	72.44	7.98	24.06	108.48	326	1956	11520	9.11	1.00	3.03	13.14	125.71	138.85
8030	80	4 1/2	4 1/2	34	7/8x4 1/8	5 1/2	68.42	7.01	75.43	2593	15558	91640	79.20	8.11	24.06	111.37	326	1956	11520	9.96	1.02	3.03	14.01	125.71	139.72
8020	80	5 1/8	4 5/8	34	7/8x4 1/8	5 1/2	73.22	6.90	80.12	2593	15558	91640	84.76	7.98	24.06	116.80	326	1956	11520	10.66	1.00	3.03	14.69	125.71	140.40
7540	75	4 1/2	4 1/8	34	7/8x4 1/8	5 1/2	57.97	6.74	64.71	2766	16596	97744	71.58	8.32	25.67	105.57	326	1956	11520	8.44	.98	3.03	12.45	117.86	130.31
7040	70	4 5/8	4 5/8	34	3/4x3 1/2	5 1/2	54.64	4.56	59.20	2964	17784	104728	72.30	6.03	27.50	105.83	326	1956	11520	7.95	.66	3.03	11.64	110.00	121.64
*7030	70	4 3/8	4 3/8	34	3/4x3 1/2	5 1/2	64.72	4.72	69.44	2964	17784	104728	85.64	6.25	27.50	119.39	326	1956	11520	9.42	.69	3.03	13.14	110.00	123.14
7020	70	4 3/4	4 3/4	34	3/4x3 1/2	5 1/2	63.73	4.56	68.29	2964	17784	104728	84.33	6.03	27.50	117.86	326	1956	11520	9.27	.66	3.03	12.96	110.00	122.96
6540	65	4 7/16	4 7/16	24	3/4x3 1/2	5 1/2	33.55	2.98	38.53	3192	12768	112808	50.66	4.25	29.62	81.53	326	1956	11520	5.17	.43	3.03	8.63	102.14	110.77
6040	60	4 1/4	4 1/4	24	3/4x3 1/2	5 1/2	36.24	2.93	35.33	3457	13828	122176	50.00	4.32	32.08	86.60	326	1956	11520	4.72	.43	3.03	8.18	94.29	102.47
*6030	60	4 3/8	4 3/8	24	3/4x3 1/2	5 1/2	32.40	2.98	39.22	3457	13828	122176	55.93	4.60	32.08	92.61	326	1956	11520	5.27	.43	3.03	8.73	94.29	103.02
6020	60	4 1/2	4 1/2	24	3/4x3 1/2	5 1/2	40.92	2.98	43.90	3457	13828	122176	63.15	4.60	35.00	98.53	326	1956	11520	5.96	.43	3.03	9.42	94.29	103.71
5540	55	4 1/2	4 1/2	24	3/4x3 1/2	5 1/2	28.90	2.91	31.81	3772	15088	133288	48.67	4.30	32.00	88.57	326	1956	11520	4.21	.42	3.03	7.66	86.43	94.09
5040	50	3 7/8	3 7/8	24	3/4x3 1/2	5 1/2	25.50	2.78	28.28	4149	16596	146620	47.23	5.15	38.50	90.88	326	1956	11520	3.71	.40	3.03	7.14	78.57	85.71
4540	45	3 1/2	3 1/2	20	3/4x3 1/2	5 1/2	18.75	2.72	21.47	5148	20592	149344	43.09	6.25	39.22	88.56	304	1456	05660	3.05	.44	2.77	6.20	70.17	76.97
4040	40	3 1/2	3 1/2	20	3/4x3 1/2	5 1/2	16.10	2.66	18.76	5791	23164	167962	41.62	6.58	30.60	79.10	364	1456	05660	2.62	.43	1.92	4.97	62.86	67.83
3540	35	3 5/16	3 5/16	16 1/2	3/4x2 1/4	4 1/2	12.10	1.60	13.70	6918	26472	192000	36.79	4.73	31.97	72.49	364	1456	05660	1.97	.26	1.76	3.99	55.00	58.99
3040	30	3 1/8	3 1/8	16 1/2	3/4x2 1/4	4 1/2	10.45	1.60	12.05	7928	30888	224012	35.02	4.51	33.33	74.86	364	1456	05660	1.70	.26	1.57	3.53	47.14	50.67
2540	25	2 3/4	2 3/4	16 1/2	3/4x2 1/4	4 1/2	5.70	.86	6.56	9264	37056	268772	23.57	3.56	40.00	67.13	364	1456	05660	.93	.14	1.52	2.64	39.29	41.93
2040	20	2 5/8	2 5/8	16 1/2	3/4x2 1/4	4 1/2	4.86	.83	5.69	11581	46324	335984	25.12	2.99	48.80	77.13	364	1456	05660	.70	.13	1.52	2.44	31.42	33.87
1640	16	2 3/8	2 3/8	16 1/2	3/4x2 1/4	4 1/2	4.36	.80	5.16	14479	57916	420048	28.18	5.17	31.88	65.23	364	1456	05660	.71	.13	.80	1.64	25.14	26.78
1440	14	2 1/4	2 1/4	16 1/2	3/4x2 1/4	4 1/2	3.44	.80	4.24	16545	66180	459000	25.41	5.91	31.33	63.25	364	1456	05660	.56	.13	.70	1.39	22.00	23.39
1240	12	2	2	16 1/2	3/4x2 1/4	4 1/2	3.44	.80	4.24	19300	77900	559916	29.64	6.89	37.34	73.77	364	1456	05660	.56	.13	.70	1.39	18.86	20.25
1040	10	1 3/4	1 3/4	16 1/2	3/4x2 1/4	4 1/2	2.60	.45	3.05	23155	92920	671756	26.88	4.65	26.99	58.52	364	1456	05660	.42	.07	.42	.82	15.72	16.63
840	8	1 1/4	1 1/4	16 1/2	3/4x2 1/4	4 1/2	2.00	.45	2.85	29058	115832	840006	25.86	5.82	33.75	65.43	364	1456	05660	.33	.07	.42	.82	12.57	13.39

Rails 50 pounds and over—Basis of table, 90% furnished 33 ft. and 10%, not less than 24 ft. long, varying by full feet. Ties 22 in. centers, 2880 ties per mile.
 Rails 45 pounds and under—Basis of table, 90% furnished 30 ft. and 10%, not less than 20 ft. long. Ties 24 in. centers, 2640 ties per mile.
 Number and weight of accessories do not allow for any excess. Rails marked * not rolled by Carnegie Steel Company.

RAILS AND ACCESSORIES

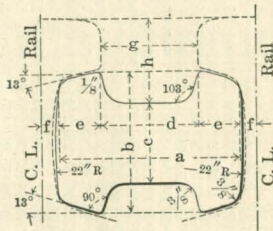
TABLE OF RAILS AND ACCESSORIES

Rail Section	Weight per Meter	Height of Rail	Base of Rail	Length of Splice Bar	Size of Bolt	Size of Spike	One Rail Joint				Accessories for 1000 Tonnes of Rails				Material for One Kilometer of Single Track										
							Wt. in Kilograms		Number		Weight in Tonnes		Number		Weight in Tonnes		Number		Weight in Tonnes						
							One Pair	Splice Bars	Bolts and Nuts	Total Complete	Splice Bars	Bolts, Nuts	Spikes	Total Accessories	Splice Bars	Bolts, Nuts	Spikes	Total Accessories	Splice Bars	Bolts, Nuts	Spikes	Total Accessories			
10040	49.60	146.05	146.05	864	25.4x117	140x14.3	38.85	2056	67216	79.88	9.05	17.95	106.88	204	1224	6668	7.93	.90	1.78	10.61	99.20	109.81			
10030	40.60	143.27	130.57	864	25.4x117	140x14.3	41.56	2056	67216	85.45	9.05	17.95	112.45	204	1224	6668	8.48	.90	1.78	11.26	99.20	110.46			
10020	40.60	152.40	139.70	864	25.4x117	140x14.3	46.15	2056	67216	94.88	9.05	17.94	121.88	204	1224	6668	9.42	.90	1.78	12.10	99.20	111.30			
9040	44.60	136.52	136.52	864	25.4x111	140x14.3	32.99	2285	74688	75.38	8.73	19.94	105.05	204	1224	6668	6.73	.87	1.78	9.38	89.28	98.66			
9030	44.64	133.74	121.04	864	25.4x111	140x14.3	35.17	2285	74688	80.36	8.05	19.94	110.35	204	1224	6668	7.17	.90	1.78	9.85	89.28	99.13			
9020	44.64	142.87	130.17	864	25.4x114	140x14.3	41.06	2285	74688	93.82	8.73	19.94	123.63	204	1224	6668	8.38	.88	1.78	11.01	89.28	100.32			
8540	42.16	131.70	131.76	864	22x105	140x14.3	30.65	2419	79080	74.14	7.57	21.11	102.82	204	1224	6668	6.25	.64	1.78	8.67	84.32	92.99			
8040	39.68	127.00	127.00	864	22x108	140x14.3	28.39	2570	84024	72.96	8.04	22.43	110.37	204	1224	6668	5.79	.64	1.78	8.21	79.36	87.57			
8030	39.68	125.41	112.71	864	22x108	140x14.3	31.84	2570	84024	79.77	8.17	22.43	110.37	204	1224	6668	6.33	.65	1.78	8.76	79.36	88.12			
8020	39.68	130.17	117.47	864	22x105	140x14.3	33.21	2570	84024	85.37	8.04	22.43	115.84	204	1224	6668	6.77	.64	1.78	9.19	79.36	88.55			
7540	37.20	122.24	122.24	864	22x102	140x14.3	26.30	2742	16452	80924	72.12	8.39	23.93	104.44	204	1224	6668	5.37	.62	1.78	7.77	74.40	82.17		
7040	34.72	117.47	117.47	864	19x95	140x14.3	24.78	2938	17928	96024	72.80	6.08	25.64	104.52	204	1224	6668	5.06	.42	1.78	7.26	69.44	76.70		
*7030	34.72	115.40	102.79	864	19x102	140x14.3	29.36	2938	17928	96024	86.26	6.29	25.64	118.19	204	1224	6668	5.99	.44	1.78	8.21	69.44	77.05		
7020	34.72	120.65	107.95	864	19x95	140x14.3	28.91	2938	17928	96024	84.94	6.08	25.64	116.66	204	1224	6668	5.90	.42	1.78	8.10	69.44	77.54		
6540	32.24	112.71	112.71	610	19x92	140x14.3	16.10	3164	12056	103412	50.94	4.27	27.61	82.82	204	816	6668	3.28	.28	1.78	5.34	64.48	69.52		
6040	29.76	107.95	107.95	610	19x89	140x14.3	14.70	3427	13708	112030	50.38	4.56	29.91	84.85	204	816	6668	3.00	.27	1.78	5.05	59.52	64.57		
*6030	29.76	106.36	93.66	610	19x92	140x14.3	16.44	3427	13708	112030	56.34	4.63	29.91	90.88	204	816	6668	3.35	.28	1.78	5.41	59.52	65.37		
6020	29.76	114.30	101.60	610	19x82	140x14.3	18.56	3427	13708	112030	63.61	4.63	29.91	98.15	204	816	6668	3.79	.28	1.78	5.85	59.52	65.97		
5540	27.28	103.19	103.19	610	19x86	140x14.3	13.10	3739	14956	122212	48.98	4.94	32.63	86.55	204	816	6668	2.67	.27	1.78	4.72	54.56	59.28		
5040	24.80	98.42	98.42	610	19x79	140x14.3	11.60	4160	16452	134336	47.71	5.18	35.87	88.76	204	816	6668	2.37	.26	1.78	4.41	49.60	54.01		
4540	22.32	93.66	93.66	508	19x76	140x14.3	8.50	4861	35844	149372	76.17	11.02	39.58	127.07	400	1600	6668	3.40	.49	1.78	5.07	44.64	50.31		
4040	19.84	88.89	88.89	508	19x73	127x12.7	7.30	5081	40324	168044	73.59	12.20	39.60	115.88	400	1600	6668	2.92	.48	1.23	4.63	39.68	44.31		
3540	17.36	84.14	84.14	410	16x63	114.3x12.7	5.50	5081	46084	192952	63.37	8.41	32.46	104.24	400	1600	6668	2.20	.29	1.12	3.61	34.72	38.33		
3040	14.88	79.37	79.37	410	16x63	101.6x12.7	4.74	5081	53764	224060	63.71	9.71	33.83	107.15	400	1600	6668	1.90	.29	1.01	3.20	29.76	32.96		
2540	12.40	69.85	69.85	410	12.7x94	101.6x12.7	2.58	5081	64516	268872	41.61	6.29	40.60	88.50	400	1600	6668	1.03	.16	1.01	2.20	24.80	27.00		
2040	9.92	66.67	66.67	410	12.7x90.8	88.9x12.7	2.20	38	2.58	20161	8084	336088	44.35	7.66	49.07	101.08	400	1600	6668	.88	.15	.97	2.00	19.84	21.84
1640	7.94	60.32	60.32	410	12.7x44.4	88.9x9.5	1.98	36	2.34	25189	100756	419900	49.87	9.07	33.59	92.53	400	1600	6668	.79	.14	.53	1.46	15.88	17.34
1440	6.94	52.39	52.39	410	12.7x44.4	76.2x9.5	1.56	36	1.92	28818	115927	480404	44.96	10.37	33.66	88.99	400	1600	6668	.62	.14	.47	1.23	13.88	15.11
1240	5.95	50.80	50.80	410	12.7x44.4	76.2x9.5	1.56	36	1.92	33613	134452	560336	52.44	12.10	39.22	103.76	400	1600	6668	.62	.14	.47	1.23	11.88	13.13
1040	4.96	44.45	44.45	410	9.5x38.1	63.5x7.9	1.18	20	1.38	40323	161292	672176	47.58	8.06	26.89	82.53	400	1600	6668	.37	.08	.27	.82	9.92	10.74
840	3.97	39.69	39.69	410	9.5x38.1	63.5x7.9	0.91	20	1.11	50378	201508	839800	45.84	10.08	33.59	89.51	400	1600	6668	.46	.08	.27	.71	7.94	8.65

Rails 24.8 Kg. and over—basis of table, 90% furnished 10 meters long, 10% not less than 8 meters long. Ties 600 mm. centers. 1667 ties per kilometer.
 Rails 22.32 Kg. and under—furnished 9.144 meters long. Ties 600 mm. centers. 1667 ties per kilometer.
 Number and weight of accessories do not allow for any excess. Rails marked * not rolled by Carnegie Steel Company.

CARNEGIE STEEL COMPANY

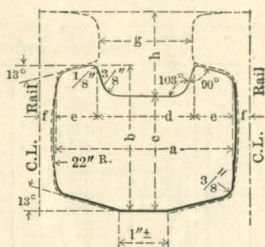
FROG FILLERS



Section Index	Filler Section	Weight per Foot, Pounds	Dimensions, Inches							Rail Section	
			a	b	c	d	e	f	g		h
M 201	F 10001c	39.15	4 1/32	3 21/32	2 1/8	2 1/16	6 3/64	2 3/64	2	2 23/128	10040
M 202	F 10001b	38.24	3 29/32	3 21/32	2 1/8	1 15/16	6 3/64	2 3/64	1 7/8	2 23/128	10040
M 203	F 10001a	37.34	3 25/32	3 21/32	2 1/8	1 13/16	6 3/64	2 3/64	1 3/4	2 23/128	10040
M 204	F 9001c	34.46	3 29/32	3 13/32	1 7/8	2 1/16	5 9/64	2 3/64	2	2 11/128	9040
M 205	F 9001b	33.67	3 25/32	3 13/32	1 7/8	1 15/16	5 9/64	2 3/64	1 7/8	2 11/128	9040
M 206	F 9001a	32.80	3 21/32	3 13/32	1 7/8	1 13/16	5 9/64	2 3/64	1 3/4	2 11/128	9040
M 207	F 8501c	33.00	3 29/32	3 19/64	1 49/64	2 1/16	5 9/64	2 1/64	2	2 5/128	8540
M 208	F 8501b	32.23	3 25/32	3 19/64	1 49/64	1 15/16	5 9/64	2 1/64	1 7/8	2 5/128	8540
M 209	F 8501a	31.48	3 21/32	3 19/64	1 49/64	1 13/16	5 9/64	2 1/64	1 3/4	2 5/128	8540
M 210	F 8001c	31.35	3 27/32	3 9/64	1 25/32	2 1/16	5 7/64	2 1/64	2	1 59/64	8040
M 211	F 8001b	30.57	3 23/32	3 9/64	1 25/32	1 15/16	5 7/64	2 1/64	1 7/8	1 59/64	8040
M 212	F 8001a	29.80	3 19/32	3 9/64	1 25/32	1 13/16	5 7/64	2 1/64	1 3/4	1 59/64	8040
M 213	F 7501c	30.32	3 27/32	3 1/16	1 45/64	2 1/16	5 7/64	5/16	2	1 27/32	7540
M 214	F 7501b	29.57	3 23/32	3 1/16	1 45/64	1 15/16	5 7/64	5/16	1 7/8	1 27/32	7540
M 215	F 7501a	28.80	3 19/32	3 1/16	1 45/64	1 13/16	5 7/64	5/16	1 3/4	1 27/32	7540
M 216	F 7001c	29.29	3 27/32	2 63/64	1 5/8	2 1/16	5 7/64	1 9/64	2	1 49/64	7040
M 217	F 7001b	28.60	3 23/32	2 63/64	1 5/8	1 15/16	5 7/64	1 9/64	1 7/8	1 49/64	7040
M 218	F 7001a	27.89	3 19/32	2 63/64	1 5/8	1 13/16	5 7/64	1 9/64	1 3/4	1 49/64	7040
M 221	F 6501a	27.81	3 9/16	2 1/8	1 3/4	1 13/16	7/8	1 9/64	1 3/4	1 19/32	6540
M 224	F 6001a	26.45	3 9/16	2 3/4	1 5/8	1 13/16	7/8	9/32	1 3/4	1 69/128	6040

TRACK ACCESSORIES

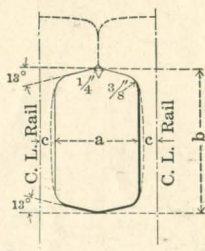
FROG FILLERS—Concluded



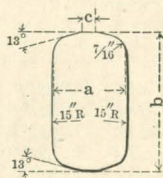
Section Index	Weight per Foot, Pounds	Dimensions, Inches								Rail Section
		a	b	c	d	e	f	g	h	
M 232	44.68	$3\frac{31}{32}$	$3\frac{13}{16}$	3	$1\frac{29}{32}$	$1\frac{1}{32}$	$2\frac{3}{64}$	$1\frac{15}{16}$	$2\frac{3}{16}$	10040
M 231	42.84	$3\frac{25}{32}$	$3\frac{13}{16}$	3	$1\frac{23}{32}$	$1\frac{1}{32}$	$2\frac{3}{64}$	$1\frac{3}{4}$	$2\frac{3}{16}$	10040
M 230	41.00	$3\frac{27}{32}$	$3\frac{19}{32}$	$2\frac{7}{8}$	$1\frac{29}{32}$	$\frac{31}{32}$	$2\frac{3}{64}$	$1\frac{15}{16}$	$1\frac{31}{32}$	9040
M 229	38.62	$3\frac{21}{32}$	$3\frac{9}{16}$	$2\frac{27}{32}$	$1\frac{23}{32}$	$\frac{31}{32}$	$2\frac{3}{64}$	$1\frac{3}{4}$	2	9040
M 228	39.38	$3\frac{27}{32}$	$3\frac{19}{32}$	$2\frac{3}{4}$	$1\frac{29}{32}$	$\frac{31}{32}$	$2\frac{1}{64}$	$1\frac{15}{16}$	$1\frac{15}{16}$	8540
M 227	37.07	$3\frac{21}{32}$	$3\frac{7}{16}$	$2\frac{23}{32}$	$1\frac{23}{32}$	$\frac{31}{32}$	$2\frac{1}{64}$	$1\frac{3}{4}$	$1\frac{31}{32}$	8540
M 226	37.75	$3\frac{27}{32}$	$3\frac{11}{32}$	$2\frac{5}{8}$	$1\frac{29}{32}$	$\frac{31}{32}$	$2\frac{1}{64}$	2	$1\frac{7}{8}$	8040
M 225	35.52	$3\frac{21}{32}$	$3\frac{5}{16}$	$2\frac{19}{32}$	$1\frac{23}{32}$	$\frac{31}{32}$	$2\frac{1}{64}$	$1\frac{13}{16}$	$1\frac{29}{32}$	8040

CARNEGIE STEEL COMPANY

THIRD RAIL FROG FILLERS



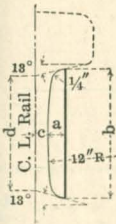
Section Index	Weight per Foot, Pounds	Dimensions, Inches			Rail Section
		a	b	c	
M 1417	23.16	2 1/32	3 21/32	2 3/64	10040
M 1416	20.17	1 7/8	3 27/64	3/8	9040
M 1415	19.42	1 7/8	3 19/64	11/32	8540
M 1414	17.93	1 13/16	3 5/32	11/32	8040
M 1413	17.25	1 13/16	3 1/16	21/64	7540
M 1411	16.84	1 13/16	2 63/64	5/16	7040
M 1412	14.21	1 13/16	2 41/64	5/16	7033
M 1410	16.11	1 13/16	2 7/8	19/64	6540



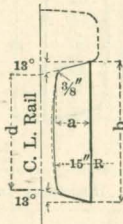
Section Index	Weight per Foot, Pounds	Dimensions, Inches			Rail Section
		a	b	c	
M 1418	20.00	1 5/8	3 33/64	3/8	10040
M 1418 A	21.50	1 3/4	3 33/64	1/2	10040
M 1419	16.65	1 1/2	3 5/16	1/4	9040
M 1419 A	19.50	1 3/4	3 5/16	1/2	9040
M 1420	15.85	1 1/2	3 3/16	1/4	8540
M 1421	15.15	1 1/2	3 1/16	1/4	8040
M 1421 A	17.75	1 3/4	3 1/16	1/2	8040
M 1422	14.76	1 1/2	2 31/32	1/4	7540
M 1423	14.40	1 1/2	2 57/64	1/4	7040
M 1424	13.60	1 1/2	2 51/64	1/4	6540
M 1425	13.00	1 1/2	2 43/64	1/4	6040

TRACK ACCESSORIES

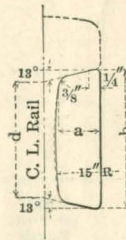
REINFORCING BARS



M 1386 to M 1393



M 1461 to M 1468

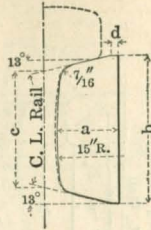


M 1461 A to M 1468 A

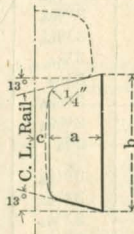
Section Index	Weight per Foot, Pounds	Dimensions, Inches				Rail Section
		a	b	c	d	
M 1386	4.02	$2\frac{5}{64}$	$3\ 2\frac{3}{64}$	$\frac{9}{32}$	$3\frac{5}{64}$	10040
M 1385	3.71	$2\frac{5}{64}$	$3\ 1\frac{1}{64}$	$\frac{9}{32}$	$2\ 5\frac{5}{64}$	9040
M 1384	3.65	$2\frac{5}{64}$	$3\ \frac{3}{64}$	$\frac{9}{32}$	$2\ \frac{3}{4}$	8540
M 1383	3.47	$2\frac{5}{64}$	$2\ 2\frac{9}{32}$	$\frac{35}{128}$	$2\ \frac{5}{8}$	8040
M 1388	3.55	$2\frac{5}{64}$	$2\ 5\frac{3}{64}$	$1\frac{7}{64}$	$2\ 3\frac{5}{64}$	7540
M 1382	3.35	$2\frac{5}{64}$	$2\ \frac{3}{4}$	$\frac{33}{128}$	$2\ 1\frac{5}{32}$	7040
M 1389	3.25	$2\frac{5}{64}$	$2\ 2\frac{1}{32}$	$1\frac{7}{64}$	$2\ \frac{3}{8}$	6540, 85 H
M 1392	3.00	$2\frac{5}{64}$	$2\ \frac{9}{16}$	$\frac{81}{128}$	$2\ 1\frac{7}{64}$	6040
M 1393	2.94	$2\frac{5}{64}$	$2\ 1\frac{5}{32}$	$1\frac{5}{64}$	$2\ 1\frac{1}{64}$	5540
M 1461	8.78	$\frac{3}{4}$	$3\ 8\frac{7}{64}$		$3\frac{5}{64}$	10040
M 1462	8.29	$\frac{3}{4}$	$3\ 2\frac{3}{64}$		$2\ 5\frac{5}{64}$	9040
M 1463	7.88	$\frac{3}{4}$	$3\ 1\frac{5}{64}$		$2\ \frac{3}{4}$	8540
M 1464	7.56	$\frac{3}{4}$	$3\ \frac{7}{64}$		$2\ \frac{5}{8}$	8040
M 1465	7.38	$\frac{3}{4}$	$3\ 1\frac{1}{32}$		$2\ 3\frac{5}{64}$	7540
M 1466	7.18	$\frac{3}{4}$	$2\ 6\frac{1}{64}$		$2\ 1\frac{5}{32}$	7040
M 1467	6.72	$\frac{3}{4}$	$2\ 5\frac{5}{64}$		$2\ \frac{3}{8}$	6540
M 1468	6.48	$\frac{3}{4}$	$2\ \frac{3}{4}$		$2\ 1\frac{7}{64}$	6040
M 1461 A	11.82	1	$3\ 3\frac{7}{64}$		$3\frac{5}{64}$	10040
M 1462 A	11.15	1	$3\ 2\frac{3}{64}$		$2\ 5\frac{5}{64}$	9040
M 1463 A	10.63	1	$3\ 1\frac{5}{64}$		$2\ \frac{3}{4}$	8540
M 1464 A	10.20	1	$3\ \frac{7}{64}$		$2\ \frac{5}{8}$	8040
M 1465 A	9.96	1	$3\ 1\frac{1}{32}$		$2\ 3\frac{5}{64}$	7540
M 1466 A	9.69	1	$2\ 6\frac{1}{64}$		$2\ 1\frac{5}{32}$	7040
M 1467 A	9.15	1	$2\ 5\frac{5}{64}$		$2\ \frac{3}{8}$	6540
M 1468 A	8.82	1	$2\ \frac{3}{4}$		$2\ 1\frac{7}{64}$	6040

CARNEGIE STEEL COMPANY

REINFORCING BARS—Concluded



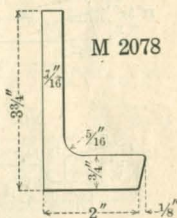
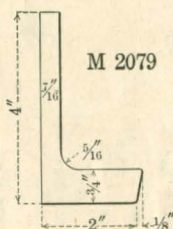
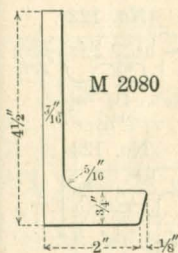
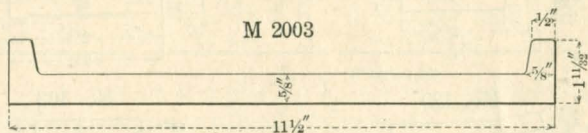
Section Index	Weight per Foot, Pounds	Dimensions, Inches				Rail Section
		a	b	c	d	
M 1453	15.30	1 1/4	3 3/4	3 5/4	1/8	10040
	16.84	1 3/8			1/4	
	18.51	1 1/2			3/8	
M 1454	14.26	1 1/4	3 17/32	2 55/64	1/8	9040
	15.79	1 3/8			1/4	
	17.34	1 1/2			3/8	
M 1455	13.79	1 1/4	3 27/64	2 3/4	1/8	8540
	15.26	1 3/8			1/4	
	16.79	1 1/2			3/8	
M 1456	13.24	1 1/4	3 19/64	2 5/8	1/8	8040
	14.67	1 3/8			1/4	
	16.12	1 1/2			3/8	
M 1457	12.83	1 1/4	3 13/64	2 35/64	1/8	7540
	14.23	1 3/8			1/4	
	15.63	1 1/2			3/8	
M 1458	12.49	1 1/4	3 1/8	2 15/32	1/8	7040
	13.86	1 3/8			1/4	
	15.22	1 1/2			3/8	
M 1459	12.08	1 1/4	3 1/32	2 3/8	1/8	6540
	13.41	1 3/8			1/4	
	14.73	1 1/2			3/8	
M 1460	11.61	1 1/4	2 59/64	2 17/64	1/8	6040
	12.88	1 3/8			1/4	
	14.15	1 1/2			3/8	



Section Index	Weight per Foot, Pounds	Dimensions, Inches			Rail Section
		a	b	c	
M 1387	9.56	1 1/8	2 25/32	37/128	7033, 6033

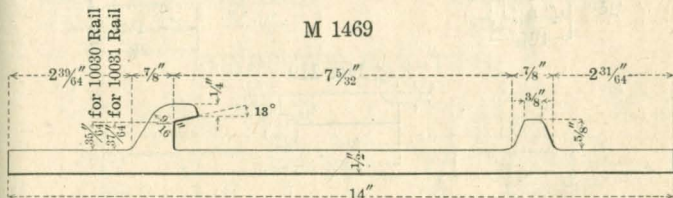
TRACK ACCESSORIES

ACCESSORIES FOR INSULATED JOINT



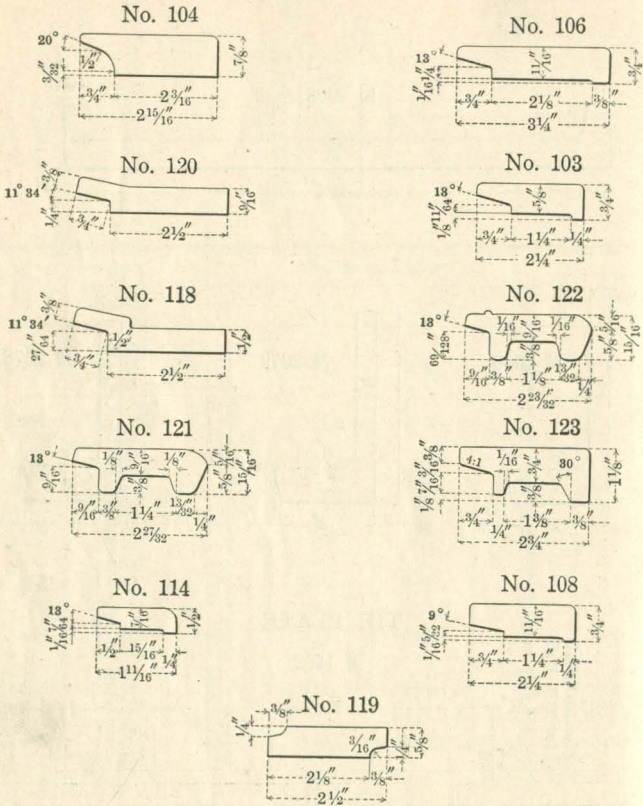
TIE PLATE

M 1469



Section Index	Size, Inches	Weight per Foot, Pounds
M 2003	$11 \frac{1}{2} \times 1 \frac{1}{32} \times \frac{5}{8}$	27.4
M 2080	$4 \frac{1}{2} \times 2 \frac{1}{8}$	10.9
M 2079	$4 \times 2 \frac{1}{8}$	10.2
M 2078	$3 \frac{3}{4} \times 2 \frac{1}{8}$	9.8
M 1469	$14 \times 1 \frac{1}{8} \times \frac{1}{4}$	28.0

RAIL CLIPS

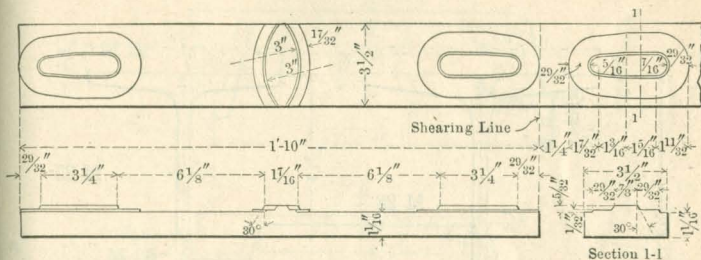


Rail Clip Number	Size, Inches	Weight per Foot, Pounds	Weight of Finished Clip, Pounds	Rail Section
104	$2\frac{15}{16}$ x 2	7.30	1.10	100 to 60 lb. A. S. C. E. Angle Bars
106	$3\frac{1}{4}$ x 2	6.80	1.06	100 to 60 lb. A. S. C. E. Rails
120	$2\frac{1}{2}$ x 2	5.86	0.88	100 to 60 lb. A. S. C. E. Rails
103	$2\frac{1}{4}$ x 2	4.40	0.64	100 to 55 lb. A. S. C. E. Rails
118	$2\frac{1}{2}$ x 2	5.65	0.85	100 to 60 lb. A. R. A.—Series B Rails
122	$2\frac{23}{32}$ x 2	5.64	0.90	10030
121	$2\frac{27}{32}$ x 2	6.12	0.92	10031
123	$2\frac{3}{4}$ x 2	7.45	1.14	10050
114	$1\frac{11}{16}$ x $1\frac{1}{2}$	2.30	0.25	50 to 20 lb. Light Rails
108	$2\frac{1}{4}$ x 2	4.80	0.70	Girder Rails
119	$2\frac{1}{2}$ x $2\frac{1}{2}$	4.79	0.99	Special

TRACK ACCESSORIES

WELDER BAR

* M 1860



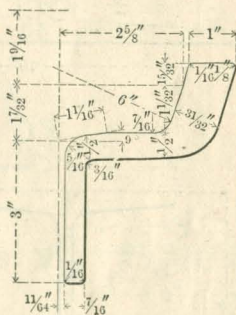
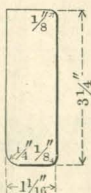
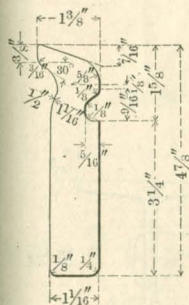
WELDER BARS

* M 1861

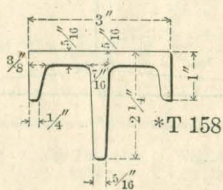
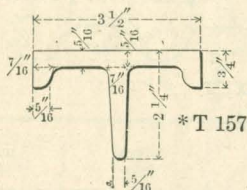
* M 1862

RAIL GUARD ANGLE

* A 1000



CONDUCTOR RAIL TEES

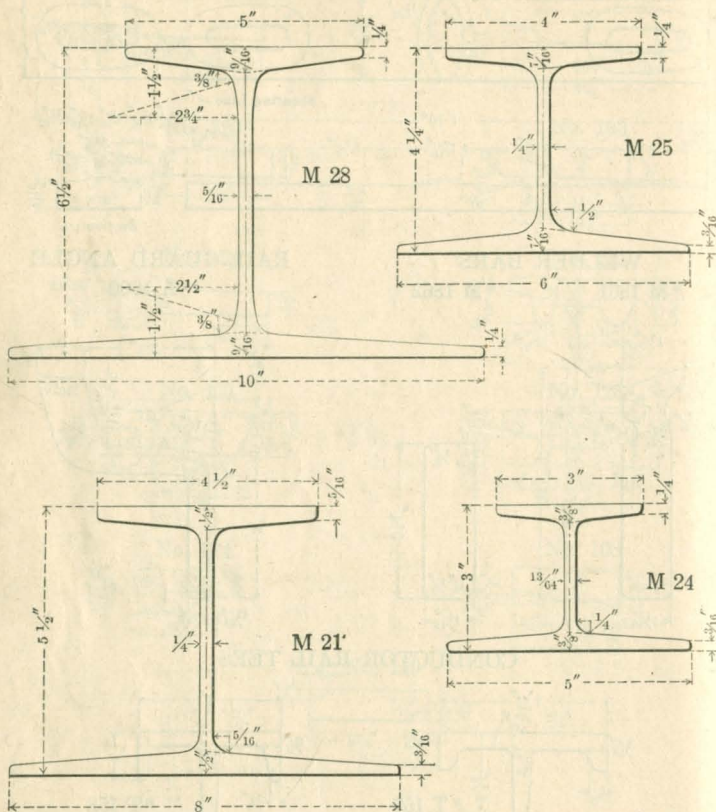


Section Index	Size, Inches	Weight per Foot, Pounds
*M 1860	3 1/2 x 1 1/16	14.9
*M 1861	4 7/8 x 1 1/16	16.2
*M 1862	3 3/4 x 1 1/16	11.8
*A 1000	See cut	13.9
*T 157	3 1/2 x 2 1/4	7.3
*T 158	3 x 2 1/4	7.0

*Furnished only by special arrangement.

CARNEGIE STEEL COMPANY

CROSS TIE SECTIONS

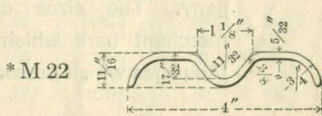
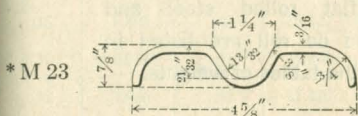
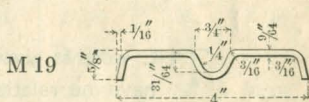
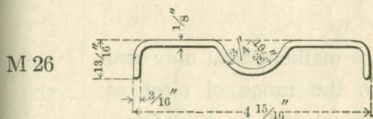
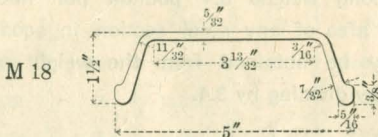
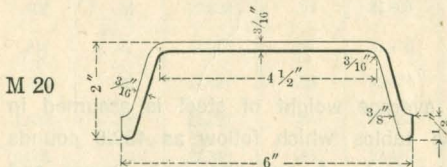
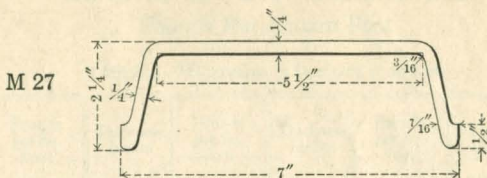


Section Index	Depth, Inches	Width of Flanges		Web Thickness, Inches	Weight per Foot, Pounds
		Top, Inches	Bottom, Inches		
M 28	6 1/2	5	10	5/16	27.8
M 21	5 1/2	4 1/2	8	1/4	20.0
M 25	4 1/4	4	6	1/4	14.5
M 24	3	3	5	13/64	9.5

Full information as to uses of steel cross ties is given in a separate pamphlet on Steel Cross Ties.

TRACK ACCESSORIES

CROSS TIE SECTIONS—Concluded



Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
M 27	2 1/4	7	1/4	9.0
M 20	2	6	3/16	6.0
M 18	1 1/2	5	5/32	4.0
M 26	1 13/16	4 15/16	1/8	3.20
M 19	5/8	4	3/16	2.50
*M 23	7/8	4 5/8	3/16	3.50
*M 22	1 1/16	4	5/32	2.50

*Furnished only by special arrangement.

Full information as to uses of steel cross ties is given in a separate pamphlet on Steel Cross Ties.

THE average weight of steel is assumed in the tables which follow as 489.6 pounds per cubic foot. A bar one inch square and one foot long weighs 3.4 pounds per lineal foot. The area of any steel section in square inches may be obtained from the weight per lineal foot by dividing by 3.4.

THE weights given are mathematical only and have no relation to the range of sizes in any particular line manufactured by this Company. The sizes of flat rolled steel and merchant bars which we do roll are listed in the pages which precede the tables of weights.

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL

Pounds Per Square Foot

TABLE I—Thicknesses in Decimals of an Inch

Thickness Inches	Pounds per Sq. Foot	Thickness Inches	Pounds per Sq. Foot	Thickness Inches	Pounds per Sq. Foot	Thickness Inches	Pounds per Sq. Foot
.01	.408	.26	10.608	.51	20.808	.76	31.008
.02	.816	.27	11.016	.52	21.216	.77	31.416
.03	1.224	.28	11.424	.53	21.624	.78	31.824
.04	1.632	.29	11.832	.54	22.032	.79	32.232
.05	2.040	.30	12.240	.55	22.440	.80	32.640
.06	2.448	.31	12.648	.56	22.848	.81	33.048
.07	2.856	.32	13.056	.57	23.256	.82	33.456
.08	3.264	.33	13.464	.58	23.664	.83	33.864
.09	3.672	.34	13.872	.59	24.072	.84	34.272
.10	4.080	.35	14.280	.60	24.480	.85	34.680
.11	4.488	.36	14.688	.61	24.888	.86	35.088
.12	4.896	.37	15.096	.62	25.296	.87	35.496
.13	5.304	.38	15.504	.63	25.704	.88	35.904
.14	5.712	.39	15.912	.64	26.112	.89	36.312
.15	6.120	.40	16.320	.65	26.520	.90	36.720
.16	6.528	.41	16.728	.66	26.928	.91	37.128
.17	6.936	.42	17.136	.67	27.336	.92	37.536
.18	7.344	.43	17.544	.68	27.744	.93	37.944
.19	7.752	.44	17.952	.69	28.152	.94	38.352
.20	8.160	.45	18.360	.70	28.560	.95	38.760
.21	8.568	.46	18.768	.71	28.968	.96	39.168
.22	8.976	.47	19.176	.72	29.376	.97	39.576
.23	9.384	.48	19.584	.73	29.784	.98	39.984
.24	9.792	.49	19.992	.74	30.192	.99	40.392
.25	10.200	.50	20.400	.75	30.600	1.00	40.800

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE II—Thickness in Gages from No. 24 to No. 1—Widths from 3/8 inch to 12 inches

Thickness P. W. G.	WIDTH, INCHES																						
	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8											
24	.0281	.0304	.0327	.0351	.0374	.0397	.0421	.0444	.0468	.0491	.0514	.0538	.0561	.0584	.0608	.0631	.0655	.0678	.0701	.0725	.0748	.0771	.0795
23	.0319	.0345	.0372	.0398	.0425	.0452	.0478	.0505	.0531	.0558	.0584	.0611	.0638	.0664	.0691	.0717	.0744	.0770	.0797	.0823	.0850	.0877	.0903
22	.0357	.0387	.0417	.0446	.0476	.0506	.0536	.0565	.0595	.0625	.0655	.0684	.0714	.0744	.0774	.0803	.0833	.0863	.0893	.0922	.0952	.0982	.1012
21	.0408	.0442	.0476	.0510	.0544	.0578	.0612	.0646	.0680	.0714	.0748	.0782	.0816	.0850	.0884	.0918	.0952	.0986	.1020	.1054	.1088	.1122	.1156
20	.0446	.0483	.0521	.0558	.0595	.0632	.0669	.0707	.0744	.0781	.0818	.0855	.0893	.0930	.0967	.1004	.1041	.1078	.1116	.1153	.1190	.1227	.1264
19	.0536	.0580	.0625	.0669	.0714	.0759	.0803	.0848	.0893	.0937	.0982	.1026	.1071	.1116	.1160	.1205	.1250	.1294	.1339	.1383	.1428	.1473	.1517
18	.0625	.0677	.0729	.0781	.0833	.0885	.0937	.0989	.1041	.1093	.1145	.1197	.1250	.1302	.1354	.1406	.1458	.1510	.1562	.1614	.1666	.1718	.1770
17	.0740	.0801	.0863	.0924	.0986	.1048	.1109	.1171	.1233	.1294	.1356	.1417	.1479	.1541	.1602	.1664	.1726	.1787	.1849	.1910	.1972	.2034	.2095
16	.0829	.0898	.0967	.1036	.1105	.1174	.1243	.1312	.1381	.1450	.1519	.1588	.1658	.1727	.1796	.1865	.1934	.2003	.2072	.2141	.2210	.2279	.2348
15	.0918	.0995	.1071	.1148	.1224	.1301	.1377	.1454	.1530	.1607	.1683	.1760	.1836	.1913	.1989	.2066	.2142	.2219	.2295	.2372	.2448	.2525	.2601
14	.1058	.1146	.1235	.1323	.1411	.1499	.1587	.1676	.1764	.1852	.1940	.2028	.2117	.2205	.2293	.2381	.2469	.2557	.2646	.2734	.2822	.2910	.2998
13	.1211	.1312	.1413	.1514	.1615	.1716	.1817	.1918	.2019	.2120	.2221	.2322	.2423	.2523	.2624	.2725	.2826	.2927	.3028	.3129	.3230	.3331	.3432
12	.1390	.1506	.1621	.1737	.1853	.1969	.2085	.2200	.2316	.2432	.2548	.2664	.2780	.2895	.3011	.3127	.3243	.3359	.3474	.3590	.3706	.3822	.3938
11	.1530	.1658	.1785	.1913	.2040	.2168	.2295	.2423	.2550	.2678	.2805	.2933	.3060	.3188	.3315	.3443	.3570	.3698	.3825	.3953	.4080	.4208	.4335
10	.1709	.1851	.1993	.2136	.2278	.2420	.2563	.2705	.2848	.2990	.3132	.3275	.3417	.3559	.3702	.3844	.3987	.4129	.4271	.4414	.4556	.4698	.4841
9	.1887	.2044	.2202	.2359	.2516	.2673	.2831	.2988	.3145	.3302	.3460	.3617	.3774	.3931	.4089	.4246	.4403	.4560	.4718	.4875	.5032	.5189	.5347
8	.2104	.2279	.2454	.2630	.2805	.2980	.3156	.3331	.3506	.3682	.3857	.4032	.4208	.4383	.4558	.4733	.4909	.5084	.5259	.5435	.5610	.5785	.5961
7	.2295	.2486	.2678	.2869	.3060	.3251	.3443	.3634	.3825	.4016	.4208	.4399	.4590	.4781	.4973	.5164	.5355	.5546	.5738	.5929	.6120	.6311	.6503
6	.2588	.2804	.3020	.3235	.3451	.3667	.3882	.4098	.4314	.4529	.4745	.4961	.5177	.5392	.5608	.5824	.6039	.6255	.6471	.6686	.6902	.7118	.7333
5	.2805	.3039	.3273	.3506	.3740	.3974	.4208	.4441	.4675	.4909	.5143	.5376	.5610	.5844	.6078	.6311	.6545	.6779	.7013	.7246	.7480	.7714	.7948
4	.3035	.3287	.3540	.3793	.4046	.4299	.4552	.4805	.5058	.5310	.5563	.5816	.6069	.6322	.6575	.6828	.7081	.7333	.7586	.7839	.8092	.8345	.8598
3	.3302	.3577	.3853	.4128	.4403	.4678	.4953	.5229	.5504	.5779	.6054	.6329	.6605	.6880	.7155	.7430	.7705	.7980	.8256	.8531	.8806	.9081	.9356
2	.3621	.3923	.4225	.4526	.4828	.5130	.5432	.5733	.6035	.6337	.6639	.6940	.7242	.7544	.7846	.8147	.8449	.8751	.9053	.9354	.9656	.9958	1.0260
1	.3825	.4144	.4463	.4781	.5100	.5419	.5738	.6056	.6375	.6694	.7013	.7331	.7650	.7969	.8288	.8606	.8925	.9244	.9563	.9881	1.0200	1.0519	1.0838

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE II—Continued

Thickness, P. W. G.	WIDTH, INCHES																
	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	1 5/4	1 1/2	1 1/2	1 5/8	1 3/4	1 7/8	1 5/4	1 1/2	1 1/2	1 5/8	1 3/4	
24	.0818	.0842	.0865	.0888	.0912	.0935	.0958	.0982	.1005	.1029	.1052	.1075	.1099	.1122	.1146	.1169	.1193
23	.0930	.0956	.0983	.1009	.1036	.1063	.1089	.1116	.1142	.1169	.1195	.1222	.1248	.1275	.1301	.1328	.1354
22	.1041	.1071	.1101	.1131	.1160	.1190	.1220	.1250	.1279	.1309	.1339	.1369	.1398	.1428	.1458	.1488	.1517
21	.1190	.1224	.1258	.1292	.1326	.1360	.1394	.1428	.1462	.1496	.1530	.1564	.1598	.1632	.1666	.1700	.1734
20	.1302	.1339	.1376	.1413	.1450	.1488	.1525	.1562	.1599	.1636	.1673	.1711	.1748	.1785	.1823	.1860	.1897
19	.1562	.1607	.1651	.1696	.1740	.1785	.1830	.1874	.1919	.1964	.2008	.2053	.2097	.2142	.2187	.2231	.2276
18	.1822	.1874	.1926	.1978	.2030	.2083	.2135	.2187	.2239	.2291	.2343	.2395	.2447	.2499	.2551	.2603	.2655
17	.2157	.2219	.2280	.2342	.2403	.2465	.2527	.2588	.2650	.2712	.2773	.2835	.2896	.2958	.3019	.3081	.3142
16	.2417	.2486	.2555	.2624	.2693	.2763	.2832	.2901	.2970	.3039	.3108	.3177	.3246	.3315	.3384	.3453	.3522
15	.2678	.2754	.2831	.2907	.2984	.3060	.3137	.3213	.3290	.3366	.3443	.3519	.3596	.3672	.3748	.3825	.3901
14	.3087	.3175	.3263	.3351	.3439	.3528	.3616	.3704	.3792	.3880	.3968	.4057	.4145	.4233	.4321	.4409	.4497
13	.3533	.3634	.3735	.3836	.3937	.4038	.4138	.4239	.4340	.4441	.4542	.4643	.4744	.4845	.4946	.5047	.5148
12	.4053	.4169	.4285	.4401	.4517	.4633	.4748	.4864	.4980	.5096	.5212	.5327	.5443	.5559	.5675	.5791	.5907
11	.4463	.4590	.4718	.4845	.4973	.5100	.5228	.5355	.5483	.5610	.5738	.5865	.5993	.6120	.6247	.6375	.6502
10	.4983	.5126	.5268	.5410	.5553	.5695	.5837	.5980	.6122	.6265	.6407	.6549	.6692	.6834	.6977	.7119	.7261
9	.5504	.5661	.5818	.5976	.6133	.6290	.6447	.6605	.6762	.6919	.7076	.7234	.7391	.7548	.7705	.7863	.8020
8	.6136	.6311	.6487	.6662	.6837	.7013	.7188	.7363	.7538	.7714	.7889	.8064	.8240	.8415	.8590	.8766	.8941
7	.6694	.6885	.7076	.7268	.7459	.7650	.7841	.8033	.8224	.8415	.8606	.8797	.8989	.9180	.9371	.9562	.9753
6	.7549	.7765	.7980	.8196	.8412	.8628	.8843	.9059	.9275	.9490	.9706	.9922	1.0137	1.0353	1.0569	1.0784	1.1000
5	.8181	.8415	.8649	.8883	.9116	.9350	.9584	.9818	1.0051	1.0285	1.0519	1.0753	1.0986	1.1220	1.1455	1.1688	1.1922
4	.8851	.9104	.9356	.9609	.9862	1.0115	1.0368	1.0621	1.0874	1.1127	1.1379	1.1632	1.1885	1.2138	1.2391	1.2644	1.2897
3	.9632	.9907	1.0182	1.0457	1.0732	1.1008	1.1283	1.1558	1.1833	1.2108	1.2383	1.2659	1.2934	1.3209	1.3484	1.3759	1.4034
2	1.0561	1.0863	1.1165	1.1467	1.1768	1.2070	1.2372	1.2674	1.2975	1.3277	1.3579	1.3881	1.4182	1.4484	1.4785	1.5087	1.5388
1	1.1156	1.1475	1.1794	1.2113	1.2431	1.2750	1.3069	1.3388	1.3706	1.4025	1.4344	1.4663	1.4981	1.5300	1.5619	1.5938	1.6257

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE II—Continued

Thickness,
B. W. G.

WIDTH, INCHES

	2 1/8"	2 1/4"	2 1/2"	2 3/8"	2 1/2"	2 3/4"	2 7/8"	3"	3 1/8"	3 1/4"	3 3/8"	3 1/2"	3 5/8"	3 7/8"	4"
24	1.590	1.636	1.683	1.730	1.777	1.823	1.870	1.917	1.964	2.010	2.057	2.104	2.151	2.197	2.244
23	1.806	1.853	1.913	1.966	2.019	2.072	2.125	2.178	2.231	2.283	2.338	2.391	2.444	2.497	2.550
22	2.023	2.083	2.142	2.202	2.261	2.321	2.380	2.440	2.499	2.559	2.618	2.678	2.737	2.797	2.856
21	2.232	2.380	2.448	2.516	2.584	2.652	2.720	2.788	2.856	2.924	2.992	3.060	3.128	3.196	3.264
20	2.529	2.603	2.678	2.752	2.826	2.901	2.975	3.049	3.124	3.198	3.273	3.347	3.421	3.496	3.570
19	3.035	3.124	3.213	3.302	3.392	3.481	3.570	3.659	3.749	3.838	3.927	4.016	4.106	4.195	4.284
18	3.540	3.644	3.749	3.853	3.957	4.061	4.165	4.269	4.373	4.477	4.582	4.686	4.790	4.894	4.998
17	4.191	4.314	4.437	4.560	4.684	4.807	4.930	5.053	5.177	5.300	5.423	5.546	5.670	5.793	5.916
16	4.696	4.834	4.973	5.111	5.249	5.387	5.525	5.663	5.801	5.939	6.078	6.216	6.354	6.492	6.630
15	5.202	5.355	5.508	5.661	5.814	5.967	6.120	6.273	6.426	6.579	6.732	6.885	7.038	7.191	7.344
14	5.997	6.173	6.350	6.526	6.702	6.879	7.055	7.231	7.408	7.584	7.761	7.937	8.113	8.290	8.466
13	6.864	7.066	7.268	7.469	7.671	7.873	8.075	8.277	8.479	8.681	8.883	9.084	9.286	9.488	9.690
12	7.875	8.107	8.339	8.570	8.802	9.033	9.265	9.497	9.728	9.960	1.0192	1.0423	1.0655	1.0886	1.1118
11	8.670	8.925	9.180	9.435	9.690	9.945	1.0200	1.0455	1.0710	1.0965	1.1220	1.1475	1.1730	1.1985	1.2240
10	9.682	9.966	1.0251	1.0536	1.0821	1.1105	1.1390	1.1675	1.1960	1.2245	1.2529	1.2814	1.3099	1.3383	1.3668
9	1.0693	1.1008	1.1322	1.1637	1.1951	1.2266	1.2580	1.2895	1.3209	1.3524	1.3838	1.4153	1.4467	1.4782	1.5096
8	1.1921	1.2272	1.2623	1.2973	1.3324	1.3674	1.4025	1.4376	1.4726	1.5077	1.5428	1.5778	1.6129	1.6479	1.6830
7	1.3005	1.3388	1.3770	1.4153	1.4535	1.4918	1.5300	1.5683	1.6066	1.6448	1.6830	1.7213	1.7595	1.7978	1.8360
6	1.4667	1.5098	1.5530	1.5961	1.6392	1.6824	1.7255	1.7686	1.8118	1.8549	1.8981	1.9412	1.9843	2.0275	2.0706
5	1.5895	1.6363	1.6830	1.7298	1.7765	1.8233	1.8700	1.9168	1.9635	2.0103	2.0570	2.1038	2.1505	2.1973	2.2440
4	1.7196	1.7701	1.8207	1.8713	1.9219	1.9724	2.0230	2.0736	2.1242	2.1747	2.2253	2.2759	2.3265	2.3770	2.4276
3	1.8713	1.9263	1.9814	2.0364	2.0914	2.1465	2.2015	2.2565	2.3116	2.3666	2.4217	2.4767	2.5317	2.5868	2.6418
2	2.0519	2.1123	2.1726	2.2330	2.2933	2.3537	2.4140	2.4744	2.5347	2.5951	2.6554	2.7158	2.7761	2.8365	2.8968
1	2.1675	2.2313	2.2950	2.3588	2.4225	2.4863	2.5500	2.6138	2.6775	2.7413	2.8050	2.8688	2.9325	2.9963	3.0600

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE II—Continued

Thickness, B. W. G.	WIDTH, INCHES																							
	3 3/8	3 3/4	3 7/8	4	4 1/8	4 1/4	4 1/2	4 3/4	4 7/8	5	5 1/8	5 1/4	5 1/2	5 3/4	5 7/8	6								
24	2.665	2.712	2.758	2.805	2.852	2.899	2.945	2.992	3.039	3.086	3.132	3.179	3.226	3.273	3.319	3.366	3.413	3.460	3.506	3.553	3.647	3.740	3.834	
23	3.028	3.081	3.134	3.188	3.241	3.294	3.347	3.400	3.453	3.506	3.559	3.613	3.666	3.719	3.772	3.825	3.878	3.931	3.984	4.038	4.144	4.250	4.356	4.462
22	3.392	3.451	3.511	3.570	3.630	3.689	3.749	3.808	3.868	3.927	3.987	4.046	4.106	4.165	4.225	4.284	4.344	4.403	4.463	4.522	4.641	4.760	4.879	4.998
21	3.876	3.944	4.012	4.080	4.148	4.216	4.284	4.352	4.420	4.488	4.556	4.624	4.692	4.760	4.828	4.896	4.964	5.032	5.100	5.168	5.304	5.440	5.576	5.712
20	4.239	4.314	4.388	4.463	4.537	4.611	4.686	4.760	4.834	4.909	4.983	5.058	5.132	5.206	5.281	5.355	5.429	5.504	5.578	5.653	5.801	5.950	6.099	6.248
19	5.087	5.177	5.266	5.355	5.444	5.534	5.623	5.712	5.801	5.891	5.980	6.069	6.158	6.248	6.337	6.426	6.515	6.605	6.694	6.783	6.962	7.140	7.319	7.498
18	5.935	6.039	6.143	6.248	6.352	6.456	6.560	6.664	6.768	6.872	6.976	7.080	7.185	7.289	7.393	7.497	7.601	7.705	7.809	7.914	8.122	8.330	8.538	8.746
17	7.025	7.149	7.272	7.395	7.518	7.642	7.765	7.888	8.011	8.135	8.258	8.381	8.504	8.628	8.751	8.874	8.997	9.121	9.244	9.367	9.614	9.860	10.107	10.354
16	7.973	8.011	8.149	8.288	8.426	8.564	8.702	8.840	8.978	9.116	9.254	9.393	9.531	9.669	9.807	9.945	1.0083	1.0221	1.0359	1.0498	1.0774	1.1050	1.1326	1.1602
15	8.721	8.874	9.027	9.180	9.333	9.486	9.639	9.792	9.945	1.0098	1.0251	1.0404	1.0557	1.0710	1.0863	1.1016	1.1169	1.1322	1.1475	1.1628	1.1934	1.2240	1.2546	1.2852
14	1.0053	1.0230	1.0406	1.0583	1.0759	1.0935	1.1112	1.1288	1.1464	1.1641	1.1817	1.1994	1.2170	1.2346	1.2523	1.2699	1.2875	1.3052	1.3228	1.3405	1.3757	1.4110	1.4463	1.4816
13	1.1507	1.1709	1.1911	1.2113	1.2314	1.2516	1.2718	1.2920	1.3122	1.3324	1.3526	1.3728	1.3929	1.4131	1.4333	1.4535	1.4737	1.4939	1.5141	1.5343	1.5746	1.6150	1.6554	1.6958
12	1.3203	1.3434	1.3665	1.3896	1.4129	1.4361	1.4592	1.4824	1.5056	1.5287	1.5519	1.5751	1.5982	1.6214	1.6445	1.6677	1.6909	1.7140	1.7372	1.7604	1.8067	1.8530	1.8993	1.9456
11	1.4535	1.4790	1.5045	1.5300	1.5555	1.5810	1.6065	1.6320	1.6575	1.6830	1.7085	1.7340	1.7595	1.7850	1.8105	1.8360	1.8615	1.8870	1.9125	1.9380	1.9890	2.0400	2.0910	2.1420
10	1.6231	1.6516	1.6800	1.7085	1.7370	1.7655	1.7939	1.8224	1.8509	1.8794	1.9078	1.9363	1.9648	1.9933	2.0217	2.0502	2.0787	2.1072	2.1356	2.1641	2.2211	2.2780	2.3350	2.3920
9	1.7927	1.8241	1.8556	1.8870	1.9185	1.9499	1.9814	2.0128	2.0443	2.0757	2.1072	2.1386	2.1701	2.2015	2.2330	2.2644	2.2959	2.3273	2.3588	2.3902	2.4531	2.5160	2.5789	2.6418
8	1.9986	2.0336	2.0687	2.1038	2.1388	2.1739	2.2089	2.2440	2.2791	2.3141	2.3492	2.3843	2.4193	2.4544	2.4894	2.5245	2.5596	2.5946	2.6297	2.6648	2.7349	2.8050	2.8751	2.9452
7	2.1803	2.2185	2.2568	2.2950	2.3333	2.3715	2.4098	2.4480	2.4863	2.5245	2.5628	2.6010	2.6393	2.6775	2.7158	2.7540	2.7923	2.8305	2.8688	2.9070	2.9835	3.0600	3.1365	3.2130
6	2.4588	2.5020	2.5451	2.5883	2.6314	2.6745	2.7177	2.7608	2.8039	2.8471	2.8902	2.9333	2.9765	3.0196	3.0628	3.1059	3.1490	3.1921	3.2353	3.2785	3.3647	3.4510	3.5373	3.6236
5	2.6648	2.7115	2.7583	2.8050	2.8518	2.8985	2.9453	2.9920	3.0388	3.0855	3.1323	3.1790	3.2258	3.2725	3.3193	3.3660	3.4128	3.4595	3.5063	3.5530	3.6465	3.7400	3.8335	3.9270
4	2.8828	2.9334	2.9839	3.0345	3.0851	3.1357	3.1862	3.2368	3.2874	3.3380	3.3885	3.4391	3.4897	3.5403	3.5909	3.6414	3.6920	3.7426	3.7931	3.8437	3.9449	4.0460	4.1472	4.2484
3	3.1371	3.1922	3.2473	3.3023	3.3573	3.4123	3.4674	3.5224	3.5774	3.6325	3.6875	3.7426	3.7976	3.8526	3.9077	3.9627	4.0177	4.0728	4.1278	4.1829	4.2929	4.4030	4.5131	4.6232
2	3.4400	3.5003	3.5607	3.6210	3.6814	3.7417	3.8021	3.8624	3.9228	3.9831	4.0435	4.1038	4.1642	4.2245	4.2849	4.3452	4.4056	4.4659	4.5263	4.5866	4.7073	4.8280	4.9487	5.0694
1	3.6338	3.6975	3.7613	3.8250	3.8888	3.9525	4.0163	4.0800	4.1438	4.2075	4.2713	4.3350	4.3988	4.4625	4.5263	4.5900	4.6538	4.7175	4.7813	4.8450	4.9725	5.1000	5.2275	5.3550

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE II—Continued

P. W. G. Thickness	WIDTH, INCHES																				
	5¼	5½	5¾	5⅝	5⅞	6	6⅛	6¼	6⅓	6½	6⅔	6¾	6⅝	7	7¼	7½	7⅔	7¾	7⅝	8	
24	3927	4021	4114	4208	4301	4395	4488	4582	4675	4769	4862	4956	5049	5143	5236	5330	5423	5517	5610	5704	5894
23	4463	4569	4675	4781	4888	4994	5100	5206	5313	5419	5525	5631	5738	5844	5950	6056	6163	6269	6375	6481	6688
22	4998	5117	5236	5355	5474	5593	5712	5831	5950	6069	6188	6307	6426	6545	6664	6783	6902	7021	7140	7259	7378
21	5712	5848	5984	6120	6256	6392	6528	6664	6800	6936	7072	7208	7344	7480	7616	7752	7888	8024	8160	8296	8432
20	6248	6396	6545	6694	6843	6991	7140	7289	7438	7586	7735	7884	8033	8181	8330	8479	8628	8776	8925	9074	9223
19	7497	7676	7854	8033	8211	8390	8568	8747	8925	9104	9282	9461	9639	9818	9996	1,0175	1,0353	1,0532	1,0710	1,0889	1,1067
18	8747	8955	9163	9371	9580	9788	9996	1,0204	1,0413	1,0621	1,0829	1,1037	1,1246	1,1454	1,1662	1,1870	1,2079	1,2287	1,2495	1,2703	1,2912
17	1,0353	1,0600	1,0846	1,1093	1,1339	1,1586	1,1832	1,2079	1,2325	1,2572	1,2818	1,3065	1,3311	1,3558	1,3804	1,4051	1,4297	1,4544	1,4790	1,5037	1,5283
16	1,1603	1,1879	1,2155	1,2431	1,2708	1,2984	1,3260	1,3536	1,3813	1,4089	1,4365	1,4641	1,4918	1,5194	1,5470	1,5746	1,6023	1,6299	1,6575	1,6851	1,7128
15	1,2852	1,3158	1,3464	1,3770	1,4076	1,4382	1,4688	1,4994	1,5300	1,5606	1,5912	1,6218	1,6524	1,6830	1,7136	1,7442	1,7748	1,8054	1,8360	1,8666	1,8972
14	1,4816	1,5168	1,5521	1,5874	1,6227	1,6579	1,6932	1,7285	1,7638	1,7990	1,8343	1,8696	1,9049	1,9401	1,9754	2,0107	2,0460	2,0812	2,1165	2,1518	2,1871
13	1,6958	1,7361	1,7765	1,8169	1,8573	1,8976	1,9380	1,9784	2,0188	2,0591	2,0995	2,1399	2,1803	2,2206	2,2610	2,3014	2,3418	2,3821	2,4225	2,4629	2,5033
12	1,9457	1,9920	2,0383	2,0846	2,1310	2,1773	2,2236	2,2699	2,3163	2,3626	2,4089	2,4552	2,5015	2,5479	2,5942	2,6405	2,6869	2,7332	2,7795	2,8258	2,8722
11	2,1420	2,1930	2,2440	2,2950	2,3460	2,3970	2,4480	2,4990	2,5500	2,6010	2,6520	2,7030	2,7540	2,8050	2,8560	2,9070	2,9580	3,0090	3,0600	3,1110	3,1620
10	2,3919	2,4489	2,5058	2,5628	2,6197	2,6767	2,7336	2,7906	2,8475	2,9045	2,9614	3,0184	3,0753	3,1323	3,1892	3,2462	3,3031	3,3601	3,4170	3,4740	3,5309
9	2,6418	2,7047	2,7676	2,8305	2,8934	2,9563	3,0192	3,0821	3,1450	3,2079	3,2708	3,3337	3,3966	3,4595	3,5224	3,5853	3,6482	3,7111	3,7740	3,8369	3,8998
8	2,9453	3,0154	3,0855	3,1556	3,2258	3,2959	3,3660	3,4361	3,5063	3,5764	3,6465	3,7166	3,7868	3,8569	3,9270	3,9971	4,0673	4,1374	4,2075	4,2776	4,3478
7	3,2130	3,2895	3,3660	3,4425	3,5190	3,5955	3,6720	3,7485	3,8250	3,9015	3,9780	4,0545	4,1310	4,2075	4,2840	4,3605	4,4370	4,5135	4,5900	4,6665	4,7430
6	3,6236	3,7098	3,7961	3,8824	3,9687	4,0549	4,1412	4,2275	4,3138	4,4000	4,4863	4,5726	4,6589	4,7451	4,8314	4,9177	5,0040	5,0902	5,1765	5,2628	5,3491
5	3,9270	4,0205	4,1140	4,2075	4,3010	4,3945	4,4880	4,5815	4,6750	4,7685	4,8620	4,9555	5,0490	5,1425	5,2360	5,3295	5,4230	5,5165	5,6100	5,7035	5,7970
4	4,2483	4,3495	4,4506	4,5518	4,6529	4,7541	4,8552	4,9564	5,0575	5,1587	5,2598	5,3610	5,4621	5,5633	5,6644	5,7656	5,8667	5,9679	6,0690	6,1702	6,2713
3	4,6232	4,7332	4,8433	4,9534	5,0635	5,1735	5,2836	5,3937	5,5038	5,6138	5,7239	5,8340	5,9441	6,0541	6,1642	6,2743	6,3844	6,4944	6,6045	6,7146	6,8247
2	5,0594	5,1901	5,3108	5,4315	5,5522	5,6729	5,7936	5,9143	6,0350	6,1557	6,2764	6,3971	6,5178	6,6385	6,7592	6,8799	7,0006	7,1213	7,2420	7,3627	7,4834
1	5,3550	5,4825	5,6100	5,7375	5,8650	5,9925	6,1200	6,2475	6,3750	6,5025	6,6300	6,7575	6,8850	7,0125	7,1400	7,2675	7,3950	7,5225	7,6500	7,7775	7,9050

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE II—Concluded

Thickness,
B. W. G.

WIDTH, INCHES

	8 1/8	8 1/4	8 3/8	8 1/2	8 5/8	8 3/4	8 7/8	9	9 1/8	9 1/4	9 3/8	9 1/2	9 5/8	9 3/4	9 7/8	10	10 1/8	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2	11 3/4	12		
24	6.078	6.171	6.265	6.358	6.452	6.545	6.639	6.732	6.826	6.919	7.013	7.106	7.200	7.293	7.386	7.48	7.57	7.66	7.75	7.84	7.93	8.02	8.11	8.20	8.29	8.38	
23	6.906	7.013	7.119	7.225	7.331	7.438	7.544	7.650	7.756	7.863	7.969	8.075	8.181	8.288	8.394	8.50	8.607	8.713	8.820	8.926	9.032	9.138	9.244	9.350	9.456	9.562	
22	7.735	7.854	7.973	8.092	8.211	8.330	8.449	8.568	8.687	8.806	8.925	9.044	9.163	9.282	9.401	9.520	9.639	9.758	9.877	1.000	1.023	1.047	1.071	1.095	1.119	1.142	1.166
21	8.840	8.976	9.112	9.248	9.384	9.520	9.656	9.792	9.928	1.0064	1.0200	1.0336	1.0472	1.0608	1.0744	1.088	1.1015	1.1142	1.127	1.140	1.153	1.166	1.179	1.192	1.205	1.218	1.231
20	9.669	9.818	9.966	1.0115	1.0264	1.0413	1.0561	1.0710	1.0859	1.1008	1.1156	1.1305	1.1454	1.1603	1.1752	1.190	1.2048	1.2197	1.2346	1.2495	1.2644	1.2793	1.2942	1.3091	1.3240	1.3389	1.3538
19	1.1603	1.1781	1.1960	1.2138	1.2317	1.2495	1.2674	1.2852	1.3031	1.3209	1.3388	1.3566	1.3745	1.3923	1.4102	1.428	1.4458	1.4636	1.4814	1.4992	1.517	1.5348	1.5526	1.5704	1.5882	1.606	1.6238
18	1.3536	1.3745	1.3953	1.4161	1.4369	1.4578	1.4786	1.4994	1.5202	1.5411	1.5619	1.5827	1.6035	1.6244	1.6452	1.666	1.6868	1.7076	1.7284	1.7492	1.77	1.791	1.811	1.831	1.851	1.871	1.891
17	1.6023	1.6269	1.6516	1.6762	1.7009	1.7255	1.7502	1.7748	1.7995	1.8241	1.8488	1.8734	1.8981	1.9227	1.9474	1.972	1.996	2.021	2.045	2.07	2.10	2.12	2.14	2.16	2.18	2.20	2.22
16	1.7956	1.8233	1.8509	1.8785	1.9061	1.9338	1.9614	1.9890	2.0166	2.0443	2.0719	2.0995	2.1271	2.1548	2.1824	2.21	2.23	2.25	2.28	2.30	2.32	2.34	2.36	2.38	2.40	2.42	2.44
15	1.9890	2.0196	2.0502	2.0808	2.1114	2.1420	2.1726	2.2032	2.2338	2.2644	2.2950	2.3256	2.3562	2.3868	2.4174	2.448	2.478	2.508	2.538	2.568	2.598	2.628	2.658	2.688	2.718	2.748	2.778
14	2.2929	2.3282	2.3634	2.3987	2.4340	2.4693	2.5045	2.5398	2.5751	2.6104	2.6456	2.6809	2.7162	2.7515	2.7868	2.822	2.857	2.892	2.927	2.962	2.997	3.032	3.067	3.102	3.137	3.172	3.207
13	2.6244	2.6648	2.7051	2.7455	2.7859	2.8263	2.8666	2.9070	2.9474	2.9878	3.0281	3.0685	3.1089	3.1493	3.1897	3.2301	3.2705	3.3109	3.3513	3.3917	3.4321	3.4725	3.5129	3.5533	3.5937	3.6341	3.6745
12	3.0111	3.0575	3.1038	3.1501	3.1964	3.2428	3.2891	3.3354	3.3817	3.4281	3.4744	3.5207	3.5670	3.6134	3.6597	3.706	3.7523	3.7986	3.8449	3.8912	3.9375	3.9838	4.0301	4.0764	4.1227	4.169	4.2153
11	3.3150	3.3660	3.4170	3.4680	3.5190	3.5700	3.6210	3.6720	3.7230	3.7740	3.8250	3.8760	3.9270	3.9780	4.0290	4.08	4.13	4.18	4.23	4.28	4.33	4.38	4.43	4.48	4.53	4.58	4.63
10	3.7018	3.7587	3.8157	3.8726	3.9296	3.9865	4.0435	4.1004	4.1574	4.2143	4.2713	4.3282	4.3852	4.4421	4.4991	4.556	4.613	4.67	4.72	4.78	4.83	4.89	4.94	5.00	5.05	5.10	5.16
9	4.0885	4.1514	4.2143	4.2772	4.3401	4.4030	4.4659	4.5288	4.5917	4.6546	4.7175	4.7804	4.8433	4.9062	4.9691	5.032	5.095	5.158	5.221	5.284	5.347	5.41	5.473	5.536	5.599	5.662	5.725
8	4.5581	4.6283	4.6984	4.7685	4.8386	4.9088	4.9789	5.0490	5.1191	5.1893	5.2594	5.3295	5.3996	5.4698	5.5399	5.61	5.68	5.75	5.82	5.89	5.96	6.03	6.10	6.17	6.24	6.31	6.38
7	4.9725	5.0490	5.1255	5.2020	5.2785	5.3550	5.4315	5.5080	5.5845	5.6610	5.7375	5.8140	5.8905	5.9670	6.0435	6.12	6.20	6.27	6.35	6.42	6.50	6.57	6.65	6.72	6.80	6.87	6.95
6	5.6079	5.6942	5.7805	5.8667	5.9530	6.0393	6.1255	6.2118	6.2981	6.3844	6.4706	6.5569	6.6432	6.7295	6.8158	6.902	7.00	7.07	7.15	7.23	7.31	7.39	7.47	7.55	7.63	7.71	7.79
5	6.0775	6.1710	6.2645	6.3580	6.4515	6.5450	6.6385	6.7320	6.8255	6.9190	7.0125	7.1060	7.1995	7.2930	7.3865	7.48	7.57	7.66	7.75	7.84	7.93	8.02	8.11	8.20	8.29	8.38	8.47
4	6.5748	6.6769	6.7771	6.8782	6.9794	7.0805	7.1817	7.2828	7.3840	7.4851	7.5863	7.6874	7.7886	7.8897	7.9909	8.092	8.193	8.294	8.395	8.496	8.597	8.698	8.799	8.900	9.001	9.102	9.203
3	7.1549	7.2660	7.3750	7.4851	7.5952	7.7053	7.8153	7.9254	8.0354	8.1455	8.2556	8.3657	8.4758	8.5859	8.696	8.806	8.916	9.026	9.136	9.246	9.356	9.466	9.576	9.686	9.796	9.906	10.016
2	7.8455	7.9666	8.0869	8.2076	8.3278	8.4480	8.5681	8.6882	8.8083	8.9284	9.0485	9.1686	9.2887	9.4088	9.5289	9.649	9.769	9.889	10.009	10.129	10.249	10.369	10.489	10.609	10.729	10.849	10.969
1	8.2875	8.4150	8.5425	8.6700	8.7975	8.9250	9.0525	9.1800	9.3075	9.4350	9.5625	9.6900	9.8175	9.9450	10.0725	10.2000	10.3275	10.4550	10.5825	10.7100	10.8375	10.9650	11.0925	11.2200	11.3475	11.4750	11.6025

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE III—Thickness in Gages from No. 12 to No. 1. Widths from 12½ inches to 81 inches

Thickness B. W. G.	WIDTH, INCHES																				
	12½	12½	12½	13	13½	13½	14	14½	14½	15	15½	15½	16	16¼	16¼	16½	16½	17	17¼	17½	
12	4.54	4.63	4.73	4.82	4.91	5.00	5.10	5.28	5.37	5.47	5.56	5.65	5.74	5.84	5.93	6.02	6.11	6.21	6.30	6.39	
11	5.00	5.10	5.20	5.30	5.41	5.51	5.61	5.71	5.81	5.92	6.02	6.12	6.22	6.32	6.43	6.53	6.63	6.73	6.83	6.94	
10	5.58	5.70	5.81	5.92	6.04	6.15	6.26	6.38	6.49	6.61	6.72	6.83	6.95	7.06	7.19	7.29	7.40	7.52	7.63	7.75	
9	6.16	6.29	6.42	6.54	6.67	6.79	6.92	7.04	7.17	7.30	7.42	7.55	7.67	7.80	7.93	8.05	8.18	8.30	8.43	8.55	
8	6.87	7.01	7.15	7.29	7.43	7.57	7.71	7.85	7.99	8.13	8.27	8.42	8.56	8.70	8.84	8.98	9.12	9.26	9.40	9.54	
7	7.50	7.65	7.80	7.96	8.11	8.26	8.42	8.57	8.72	8.87	9.03	9.18	9.33	9.49	9.64	9.79	9.95	10.10	10.25	10.40	
6	8.45	8.63	8.80	8.97	9.15	9.32	9.49	9.66	9.84	10.01	10.18	10.35	10.53	10.70	10.87	11.04	11.22	11.39	11.56	11.73	
5	9.16	9.35	9.54	9.72	9.91	10.10	10.29	10.47	10.66	10.85	11.03	11.22	11.41	11.59	11.78	11.97	12.16	12.34	12.53	12.72	
4	9.91	10.12	10.32	10.52	10.72	10.92	11.13	11.33	11.53	11.73	11.94	12.14	12.34	12.54	12.74	12.95	13.15	13.35	13.55	13.76	
3	10.79	11.01	11.23	11.45	11.67	11.89	12.11	12.33	12.55	12.77	12.99	13.21	13.43	13.65	13.87	14.09	14.31	14.53	14.75	14.97	
2	11.83	12.07	12.31	12.55	12.79	13.04	13.28	13.52	13.76	14.00	14.24	14.48	14.73	14.97	15.21	15.45	15.69	15.93	16.17	16.42	
1	12.50	12.75	13.01	13.26	13.52	13.77	14.03	14.28	14.54	14.79	15.05	15.30	15.56	15.81	16.07	16.32	16.58	16.83	17.09	17.34	
	18	18¼	18½	18¾	19	19¼	19½	19¾	20	20¼	20½	20¾	21	21¼	21½	21¾	22	22¼	22½	22¾	23
12	6.67	6.76	6.86	6.95	7.04	7.13	7.23	7.32	7.41	7.50	7.60	7.69	7.78	7.88	7.97	8.06	8.15	8.25	8.34	8.43	
11	7.34	7.45	7.55	7.65	7.75	7.85	7.96	8.06	8.16	8.26	8.36	8.47	8.57	8.67	8.77	8.87	8.98	9.08	9.18	9.28	
10	8.20	8.31	8.43	8.54	8.66	8.77	8.88	9.00	9.11	9.23	9.34	9.45	9.57	9.68	9.80	9.91	10.02	10.14	10.25	10.36	
9	9.06	9.18	9.31	9.44	9.56	9.69	9.81	9.94	10.06	10.19	10.32	10.44	10.57	10.69	10.82	10.94	11.07	11.20	11.32	11.45	
8	10.10	10.24	10.38	10.52	10.66	10.80	10.94	11.08	11.22	11.36	11.50	11.64	11.78	11.92	12.06	12.20	12.34	12.48	12.62	12.76	
7	11.02	11.17	11.32	11.48	11.63	11.78	11.93	12.09	12.24	12.39	12.55	12.70	12.85	13.01	13.16	13.31	13.46	13.62	13.77	13.92	
6	12.42	12.60	12.77	12.94	13.11	13.29	13.46	13.63	13.80	13.98	14.15	14.32	14.49	14.67	14.84	15.01	15.18	15.36	15.53	15.70	
5	13.46	13.65	13.84	14.03	14.21	14.40	14.59	14.77	14.96	15.15	15.33	15.52	15.71	15.90	16.08	16.27	16.46	16.64	16.83	17.02	
4	14.57	14.77	14.97	15.17	15.37	15.58	15.78	15.98	16.18	16.39	16.59	16.79	16.99	17.20	17.40	17.60	17.80	18.00	18.21	18.41	
3	15.85	16.07	16.29	16.51	16.73	16.95	17.17	17.39	17.61	17.83	18.05	18.27	18.49	18.71	18.93	19.15	19.37	19.59	19.81	20.03	
2	17.38	17.62	17.86	18.11	18.35	18.59	18.83	19.07	19.31	19.55	19.79	20.04	20.28	20.52	20.76	21.00	21.24	21.48	21.73	21.97	
1	18.36	18.62	18.87	19.13	19.38	19.64	19.89	20.15	20.40	20.66	20.91	21.17	21.42	21.68	21.93	22.19	22.44	22.70	22.95	23.21	

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE III—Continued

Thickness
B. W. G.

WIDTH, INCHES

	23 3/4	24	24 1/4	24 1/2	24 3/4	25	25 1/4	25 1/2	25 3/4	26	26 1/4	26 1/2	26 3/4	27	27 1/4	27 1/2	27 3/4	28	28 1/4	28 1/2	28 3/4	29	29 1/4
12	8.80	8.89	9.08	9.17	9.27	9.36	9.45	9.54	9.64	9.73	9.82	9.91	10.01	10.10	10.19	10.28	10.38	10.47	10.56	10.65	10.75	10.84	10.93
11	9.69	9.79	9.89	10.00	10.10	10.20	10.30	10.40	10.51	10.61	10.71	10.81	10.91	11.02	11.12	11.22	11.32	11.42	11.53	11.63	11.73	11.83	11.93
10	10.82	10.93	11.05	11.16	11.28	11.39	11.50	11.62	11.73	11.85	11.96	12.07	12.19	12.30	12.42	12.53	12.64	12.76	12.87	12.98	13.10	13.21	13.33
9	11.95	12.08	12.20	12.33	12.45	12.58	12.71	12.83	12.96	13.08	13.21	13.33	13.46	13.59	13.71	13.84	13.96	14.09	14.22	14.34	14.47	14.59	14.72
8	13.32	13.46	13.60	13.74	13.88	14.03	14.17	14.31	14.45	14.59	14.73	14.87	15.01	15.15	15.29	15.43	15.57	15.71	15.85	15.99	16.13	16.27	16.41
7	14.54	14.69	14.84	14.99	15.15	15.30	15.45	15.61	15.76	15.91	16.07	16.22	16.37	16.52	16.68	16.83	16.98	17.14	17.29	17.44	17.60	17.75	17.90
6	15.39	16.56	16.74	16.91	17.08	17.26	17.43	17.60	17.77	17.95	18.12	18.29	18.46	18.64	18.81	18.98	19.15	19.33	19.50	19.67	19.84	20.02	20.19
5	17.77	17.95	18.14	18.33	18.51	18.70	18.89	19.07	19.26	19.45	19.64	19.82	20.01	20.20	20.38	20.57	20.76	20.94	21.13	21.32	21.51	21.69	21.88
4	19.22	19.42	19.62	19.83	20.03	20.23	20.43	20.63	20.84	21.04	21.24	21.44	21.65	21.85	22.05	22.25	22.46	22.66	22.86	23.06	23.26	23.47	23.67
3	20.91	21.13	21.35	21.57	21.79	22.02	22.24	22.46	22.68	22.90	23.12	23.34	23.56	23.78	24.00	24.22	24.44	24.66	24.88	25.10	25.32	25.54	25.76
2	22.93	23.17	23.42	23.66	23.90	24.14	24.38	24.62	24.86	25.11	25.35	25.59	25.83	26.07	26.31	26.55	26.80	27.04	27.28	27.52	27.76	28.00	28.24
1	24.23	24.48	24.74	24.99	25.25	25.50	25.76	26.01	26.27	26.52	26.78	27.03	27.29	27.54	27.80	28.05	28.31	28.56	28.82	29.07	29.33	29.58	29.84
	29 1/2	29 3/4	30	30 1/4	30 1/2	30 3/4	31	31 1/4	31 1/2	31 3/4	32	32 1/4	32 1/2	32 3/4	33	33 1/4	33 1/2	33 3/4	34	34 1/4	34 1/2	34 3/4	35
12	10.93	11.03	11.12	11.21	11.30	11.40	11.49	11.58	11.67	11.77	11.86	11.95	12.04	12.14	12.23	12.32	12.42	12.51	12.60	12.69	12.79	12.88	12.97
11	12.04	12.14	12.24	12.34	12.44	12.55	12.65	12.75	12.85	12.95	13.06	13.16	13.26	13.36	13.46	13.57	13.67	13.77	13.87	13.97	14.08	14.18	14.28
10	13.44	13.55	13.67	13.78	13.90	14.01	14.12	14.24	14.35	14.47	14.58	14.69	14.81	14.92	15.03	15.15	15.26	15.38	15.49	15.60	15.72	15.83	15.95
9	14.84	14.97	15.10	15.22	15.35	15.47	15.60	15.73	15.85	15.98	16.10	16.23	16.35	16.48	16.61	16.73	16.86	16.98	17.11	17.23	17.36	17.49	17.61
8	16.55	16.69	16.83	16.97	17.11	17.25	17.39	17.53	17.67	17.81	17.95	18.09	18.23	18.37	18.51	18.65	18.79	18.93	19.07	19.21	19.35	19.49	19.64
7	18.05	18.21	18.36	18.51	18.67	18.82	18.97	19.13	19.28	19.43	19.58	19.74	19.89	20.04	20.20	20.35	20.50	20.66	20.81	20.96	21.11	21.27	21.42
6	20.36	20.53	20.71	20.88	21.05	21.22	21.40	21.57	21.74	21.91	22.09	22.26	22.43	22.60	22.78	22.95	23.12	23.29	23.47	23.64	23.81	23.98	24.16
5	22.07	22.25	22.44	22.63	22.81	23.00	23.19	23.38	23.56	23.75	23.94	24.12	24.31	24.50	24.68	24.87	25.06	25.25	25.43	25.62	25.81	25.99	26.18
4	23.87	24.07	24.28	24.48	24.68	24.88	25.09	25.29	25.49	25.69	25.89	26.10	26.30	26.50	26.70	26.91	27.11	27.31	27.51	27.72	27.92	28.12	28.32
3	25.98	26.20	26.42	26.64	26.86	27.08	27.30	27.52	27.74	27.96	28.18	28.40	28.62	28.84	29.06	29.28	29.50	29.72	29.94	30.16	30.38	30.60	30.82
2	28.49	28.73	28.97	29.21	29.45	29.69	29.93	30.18	30.42	30.66	30.90	31.14	31.38	31.62	31.86	32.11	32.35	32.59	32.83	33.07	33.31	33.55	33.80
1	30.09	30.35	30.60	30.86	31.11	31.37	31.62	31.88	32.13	32.39	32.64	32.90	33.15	33.41	33.66	33.92	34.17	34.43	34.68	34.94	35.19	35.45	35.70

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE III—Continued

Thickness, P. W. G.	WIDTH, INCHES																			
	35½	35½	35½	36	36½	36½	37	37½	37½	38	38½	38½	39	39½	39½	39¾	40	40¼	40¼	40¾
12	13.06	13.16	13.25	13.34	13.43	13.53	13.62	13.71	13.80	13.90	13.99	14.08	14.18	14.27	14.36	14.45	14.55	14.64	14.73	14.82
11	14.38	14.48	14.59	14.69	14.79	14.89	14.99	15.10	15.20	15.30	15.40	15.50	15.61	15.71	15.81	15.91	16.01	16.12	16.22	16.32
10	16.06	16.16	16.29	16.40	16.52	16.63	16.74	16.86	16.97	17.09	17.20	17.31	17.43	17.54	17.65	17.77	17.88	18.00	18.11	18.22
9	17.74	17.86	17.99	18.12	18.24	18.37	18.49	18.62	18.74	18.87	19.00	19.12	19.25	19.37	19.50	19.62	19.75	19.88	20.00	20.13
8	19.78	19.92	20.06	20.20	20.34	20.48	20.62	20.76	20.90	21.04	21.18	21.32	21.46	21.60	21.74	21.88	22.02	22.16	22.30	22.44
7	21.57	21.73	21.88	22.03	22.19	22.34	22.49	22.64	22.80	22.95	23.10	23.26	23.41	23.56	23.72	23.87	24.02	24.17	24.33	24.48
6	24.33	24.50	24.67	24.85	25.02	25.19	25.36	25.54	25.71	25.88	26.06	26.23	26.40	26.57	26.75	26.92	27.09	27.26	27.44	27.61
5	26.37	26.55	26.74	26.93	27.12	27.30	27.49	27.68	27.86	28.05	28.24	28.42	28.61	28.80	28.99	29.17	29.36	29.55	29.73	29.92
4	28.52	28.73	28.93	29.13	29.33	29.54	29.74	29.94	30.14	30.35	30.55	30.75	30.95	31.15	31.36	31.56	31.76	31.96	32.17	32.37
3	31.04	31.26	31.48	31.70	31.92	32.14	32.36	32.58	32.80	33.02	33.24	33.46	33.68	33.90	34.12	34.34	34.56	34.78	35.00	35.22
2	34.04	34.28	34.52	34.76	35.00	35.24	35.49	35.73	35.97	36.21	36.45	36.69	36.93	37.18	37.42	37.66	37.90	38.14	38.38	38.62
1	35.96	36.21	36.47	36.72	36.98	37.23	37.49	37.74	38.00	38.25	38.51	38.76	39.02	39.27	39.53	39.78	40.04	40.29	40.55	40.80
	41	41¼	41½	41¾	42	42¼	42½	42¾	43	43¼	43½	43¾	44	44¼	44½	44¾	45	45¼	45½	45¾
12	15.19	15.29	15.38	15.47	15.57	15.66	15.75	15.84	15.94	16.03	16.12	16.21	16.31	16.40	16.49	16.58	16.68	16.77	16.86	16.95
11	16.73	16.83	16.93	17.03	17.14	17.24	17.34	17.44	17.54	17.65	17.75	17.85	17.95	18.05	18.16	18.26	18.36	18.46	18.56	18.67
10	18.68	18.79	18.91	19.02	19.14	19.25	19.36	19.48	19.59	19.70	19.82	19.93	20.05	20.16	20.27	20.39	20.50	20.62	20.73	20.84
9	20.63	20.76	20.88	21.01	21.13	21.26	21.39	21.51	21.64	21.76	21.89	22.02	22.14	22.27	22.39	22.52	22.64	22.77	22.90	23.02
8	23.00	23.14	23.28	23.42	23.56	23.70	23.84	23.98	24.12	24.26	24.40	24.54	24.68	24.82	24.96	25.10	25.25	25.39	25.53	25.67
7	25.09	25.25	25.40	25.55	25.70	25.86	26.01	26.16	26.32	26.47	26.62	26.78	26.93	27.08	27.23	27.39	27.54	27.69	27.85	28.00
6	28.30	28.47	28.64	28.82	28.99	29.16	29.33	29.51	29.68	29.85	30.02	30.20	30.37	30.54	30.71	30.89	31.06	31.23	31.40	31.58
5	30.67	30.86	31.04	31.23	31.42	31.60	31.79	31.98	32.16	32.35	32.54	32.73	32.91	33.10	33.29	33.47	33.66	33.85	34.03	34.22
4	33.18	33.38	33.58	33.78	33.99	34.19	34.39	34.59	34.80	35.00	35.20	35.40	35.60	35.81	36.01	36.21	36.41	36.62	36.82	37.02
3	36.10	36.32	36.54	36.77	36.99	37.21	37.43	37.65	37.87	38.09	38.31	38.53	38.75	38.97	39.19	39.41	39.63	39.85	40.07	40.29
2	39.59	39.83	40.07	40.31	40.56	40.80	41.04	41.28	41.52	41.76	42.00	42.25	42.49	42.73	42.97	43.21	43.45	43.69	43.93	44.18
1	41.82	42.08	42.33	42.59	42.84	43.10	43.35	43.61	43.86	44.12	44.37	44.63	44.88	45.14	45.39	45.65	45.90	46.16	46.41	46.67

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE III—Continued

Thickness,
B. W. G.

WIDTH, INCHES

	46 ³ / ₄	47	47 ¹ / ₂	47 ³ / ₄	48	48 ¹ / ₄	48 ¹ / ₂	48 ³ / ₄	49	49 ¹ / ₂	49 ³ / ₄	49 ⁷ / ₈	50	50 ¹ / ₄	50 ¹ / ₂	50 ³ / ₄	50 ⁷ / ₈	51	51 ¹ / ₂	51 ³ / ₄	51 ⁷ / ₈	52	52 ¹ / ₂	
12	17.33	17.42	17.51	17.60	17.79	17.88	17.97	18.07	18.16	18.25	18.34	18.44	18.53	18.62	18.72	18.81	18.90	18.99	19.09	19.18	19.27	19.36		
11	19.07	19.18	19.28	19.38	19.48	19.58	19.69	19.79	19.89	20.09	20.20	20.30	20.40	20.50	20.60	20.71	20.81	20.91	21.01	21.11	21.22	21.32		
10	21.30	21.41	21.53	21.64	21.75	21.87	21.98	22.10	22.21	22.32	22.44	22.55	22.67	22.78	22.89	23.01	23.12	23.24	23.35	23.46	23.58	23.69	23.81	
9	23.52	23.65	23.78	23.90	24.03	24.15	24.28	24.41	24.53	24.66	24.78	24.91	25.03	25.16	25.29	25.41	25.54	25.66	25.79	25.91	26.04	26.17	26.29	
8	26.23	26.37	26.51	26.65	26.79	26.93	27.07	27.21	27.35	27.49	27.63	27.77	27.91	28.05	28.19	28.33	28.47	28.61	28.75	28.89	29.03	29.17	29.31	
7	28.61	28.76	28.92	29.07	29.22	29.38	29.53	29.68	29.84	30.14	30.29	30.45	30.61	30.75	30.91	31.06	31.21	31.37	31.52	31.67	31.82	31.98		
6	32.27	32.44	32.61	32.78	32.96	33.13	33.30	33.47	33.65	33.82	33.99	34.16	34.34	34.51	34.68	34.86	35.03	35.20	35.37	35.55	35.72	35.89	36.06	
5	34.97	35.16	35.34	35.53	35.72	35.90	36.09	36.28	36.47	36.65	36.84	37.03	37.21	37.40	37.59	37.77	37.96	38.15	38.34	38.52	38.71	38.90	39.08	
4	37.83	38.03	38.23	38.44	38.64	38.84	39.04	39.25	39.45	39.65	39.85	40.06	40.26	40.46	40.66	40.86	41.07	41.27	41.47	41.67	41.88	42.08	42.28	
3	41.17	41.39	41.61	41.83	42.05	42.27	42.49	42.71	42.93	43.15	43.37	43.59	43.81	44.03	44.25	44.47	44.69	44.91	45.13	45.35	45.57	45.79	46.01	
2	45.14	45.38	45.62	45.87	46.11	46.35	46.59	46.83	47.07	47.31	47.56	47.80	48.04	48.28	48.52	48.76	49.00	49.25	49.49	49.73	49.97	50.21	50.45	
1	47.69	47.94	48.20	48.45	48.71	48.96	49.22	49.47	49.73	49.98	50.24	50.49	50.75	51.00	51.26	51.51	51.77	52.02	52.28	52.53	52.79	53.04	53.30	
	52 ¹ / ₂	52 ³ / ₄	53	53 ¹ / ₄	53 ¹ / ₂	54	54 ¹ / ₄	54 ¹ / ₂	54 ³ / ₄	55	55 ¹ / ₄	55 ¹ / ₂	55 ³ / ₄	56	56 ¹ / ₄	56 ¹ / ₂	56 ³ / ₄	57	57 ¹ / ₄	57 ¹ / ₂	57 ³ / ₄	58		
12	19.46	19.55	19.64	19.73	19.83	19.92	20.01	20.11	20.20	20.29	20.38	20.48	20.57	20.66	20.75	20.85	20.94	21.03	21.12	21.21	21.31	21.40	21.49	
11	21.42	21.52	21.62	21.73	21.83	21.93	22.03	22.13	22.24	22.34	22.44	22.54	22.64	22.75	22.85	22.95	23.05	23.15	23.26	23.36	23.46	23.56	23.66	
10	23.92	24.03	24.15	24.26	24.37	24.49	24.60	24.72	24.83	24.94	25.06	25.17	25.29	25.40	25.51	25.63	25.74	25.86	25.97	26.08	26.20	26.31	26.42	
9	26.42	26.54	26.67	26.80	26.92	27.05	27.17	27.30	27.42	27.55	27.68	27.80	27.93	28.05	28.18	28.31	28.43	28.56	28.68	28.81	28.93	29.06	29.19	
8	29.45	29.59	29.73	29.87	30.01	30.15	30.29	30.43	30.57	30.71	30.86	31.00	31.14	31.28	31.42	31.56	31.70	31.84	31.98	32.12	32.26	32.40	32.54	
7	32.13	32.28	32.44	32.59	32.74	32.90	33.05	33.20	33.35	33.51	33.66	33.81	33.97	34.12	34.27	34.43	34.58	34.73	34.88	35.04	35.19	35.34	35.50	
6	36.24	36.41	36.58	36.75	36.93	37.10	37.27	37.44	37.62	37.79	37.96	38.13	38.31	38.48	38.65	38.82	39.00	39.17	39.34	39.51	39.69	39.86	40.03	
5	39.27	39.46	39.64	39.83	40.02	40.21	40.39	40.58	40.77	40.95	41.14	41.33	41.51	41.70	41.89	42.08	42.26	42.45	42.64	42.82	43.01	43.20	43.38	
4	42.48	42.69	42.89	43.09	43.29	43.49	43.70	43.90	44.10	44.30	44.51	44.71	44.91	45.11	45.32	45.52	45.72	45.92	46.13	46.33	46.53	46.73	46.93	
3	46.23	46.45	46.67	46.89	47.11	47.33	47.55	47.77	47.99	48.21	48.43	48.65	48.87	49.09	49.31	49.53	49.75	49.97	50.19	50.41	50.63	50.85	51.07	
2	50.69	50.94	51.18	51.42	51.66	51.90	52.14	52.38	52.63	52.87	53.11	53.35	53.59	53.83	54.07	54.32	54.56	54.80	55.04	55.28	55.52	55.76	56.00	
1	53.55	53.81	54.06	54.32	54.57	54.83	55.08	55.34	55.59	55.85	56.10	56.36	56.61	56.87	57.12	57.38	57.63	57.89	58.14	58.40	58.65	58.91	59.16	

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE III—Continued

		WIDTH, INCHES																												
Thickness		58 1/4	58 1/2	58 3/4	59	59 1/4	59 1/2	59 3/4	60	60 1/4	60 1/2	60 3/4	61	61 1/4	61 1/2	61 3/4	62	62 1/4	62 1/2	62 3/4	63	63 1/4	63 1/2	63 3/4	63 1/2	63 1/2				
12		21.59	21.68	21.77	21.87	21.96	22.05	22.14	22.24	22.33	22.42	22.51	22.61	22.70	22.79	22.88	22.98	23.07	23.16	23.26	23.35	23.44	23.53	23.63	23.72	23.81	23.90	24.00		
11		23.77	23.87	23.97	24.07	24.16	24.25	24.34	24.43	24.52	24.61	24.70	24.79	24.88	24.97	25.06	25.15	25.24	25.33	25.42	25.51	25.60	25.69	25.78	25.87	25.96	26.05	26.14	26.23	
10		26.54	26.65	26.77	26.88	26.99	27.11	27.22	27.34	27.45	27.56	27.68	27.79	27.91	28.02	28.13	28.24	28.35	28.46	28.57	28.68	28.79	28.89	29.00	29.10	29.20	29.30	29.40	29.50	
9		29.31	29.44	29.56	29.69	29.81	29.94	30.07	30.19	30.32	30.44	30.57	30.70	30.82	30.95	31.07	31.20	31.32	31.45	31.58	31.70	31.83	31.95	32.08	32.20	32.32	32.44	32.56	32.68	
8		32.68	32.82	32.96	33.10	33.24	33.38	33.52	33.66	33.80	33.94	34.08	34.22	34.36	34.50	34.64	34.78	34.92	35.06	35.20	35.34	35.48	35.62	35.76	35.90	36.04	36.18	36.32	36.46	36.60
7		35.65	35.80	35.96	36.11	36.26	36.41	36.57	36.72	36.87	37.03	37.18	37.33	37.49	37.64	37.79	37.94	38.10	38.25	38.40	38.56	38.71	38.86	39.02	39.17	39.32	39.47	39.62	39.77	39.92
6		40.20	40.38	40.55	40.72	40.89	41.07	41.24	41.41	41.58	41.76	41.93	42.10	42.27	42.45	42.62	42.79	42.96	43.14	43.31	43.48	43.66	43.83	44.00	44.17	44.34	44.51	44.68	44.85	45.02
5		43.57	43.76	43.95	44.13	44.32	44.51	44.69	44.88	45.07	45.25	45.44	45.62	45.82	46.00	46.19	46.38	46.56	46.75	46.94	47.12	47.31	47.50	47.69	47.87	48.06	48.25	48.43	48.62	48.81
4		47.14	47.34	47.54	47.74	47.95	48.15	48.35	48.55	48.75	48.96	49.16	49.36	49.56	49.77	49.97	50.17	50.37	50.58	50.78	50.98	51.18	51.38	51.59	51.79	51.99	52.19	52.39	52.59	52.79
3		51.29	51.52	51.74	51.96	52.18	52.40	52.62	52.84	53.06	53.28	53.50	53.72	53.94	54.16	54.38	54.60	54.82	55.04	55.26	55.48	55.70	55.92	56.14	56.36	56.58	56.80	57.02	57.24	57.46
2		56.25	56.49	56.73	56.97	57.21	57.45	57.69	57.94	58.18	58.42	58.66	58.90	59.14	59.38	59.63	59.87	60.11	60.35	60.59	60.83	61.07	61.32	61.56	61.80	62.04	62.28	62.52	62.76	63.00
1		59.42	59.67	59.93	60.18	60.44	60.69	60.95	61.20	61.46	61.71	61.97	62.22	62.48	62.73	62.99	63.24	63.50	63.75	64.01	64.26	64.52	64.77	65.03	65.28	65.54	65.79	66.05	66.30	66.56
12		23.72	23.81	23.90	24.00	24.09	24.18	24.27	24.37	24.46	24.55	24.64	24.74	24.83	24.92	25.02	25.11	25.20	25.29	25.39	25.48	25.57	25.66	25.76	25.85	25.94	26.03	26.12	26.21	26.30
11		26.11	26.21	26.32	26.42	26.52	26.62	26.72	26.83	26.93	27.03	27.13	27.23	27.34	27.44	27.54	27.64	27.74	27.85	27.96	28.06	28.15	28.25	28.36	28.46	28.56	28.66	28.76	28.86	28.96
10		29.16	29.27	29.39	29.50	29.61	29.73	29.84	29.96	30.07	30.18	30.30	30.41	30.53	30.64	30.75	30.87	30.98	31.09	31.21	31.32	31.44	31.55	31.66	31.77	31.88	31.99	32.10	32.21	32.32
9		32.20	32.33	32.46	32.58	32.71	32.83	32.96	33.09	33.21	33.34	33.46	33.59	33.71	33.84	33.97	34.09	34.22	34.34	34.47	34.60	34.72	34.85	34.97	35.10	35.22	35.34	35.46	35.58	35.70
8		35.90	36.04	36.18	36.32	36.47	36.61	36.75	36.89	37.03	37.17	37.31	37.45	37.59	37.73	37.87	38.01	38.15	38.29	38.43	38.57	38.71	38.85	38.99	39.13	39.27	39.41	39.55	39.69	39.83
7		39.17	39.32	39.47	39.63	39.78	39.93	40.09	40.24	40.39	40.55	40.70	40.85	41.00	41.16	41.31	41.46	41.62	41.77	41.92	42.08	42.23	42.38	42.53	42.68	42.83	42.98	43.13	43.28	43.43
6		44.17	44.35	44.52	44.69	44.86	45.04	45.21	45.38	45.55	45.73	45.90	46.07	46.24	46.42	46.59	46.76	46.93	47.11	47.28	47.45	47.62	47.80	47.97	48.14	48.31	48.48	48.65	48.82	48.99
5		47.87	48.06	48.25	48.43	48.62	48.81	48.99	49.18	49.37	49.56	49.74	49.93	50.12	50.30	50.49	50.68	50.86	51.05	51.24	51.43	51.61	51.80	51.99	52.18	52.37	52.56	52.75	52.94	53.13
4		51.79	51.99	52.19	52.40	52.60	52.80	53.00	53.21	53.41	53.61	53.81	54.01	54.22	54.42	54.62	54.82	55.03	55.23	55.43	55.63	55.83	56.04	56.24	56.44	56.64	56.84	57.04	57.24	57.44
3		56.36	56.58	56.80	57.02	57.24	57.46	57.68	57.90	58.12	58.34	58.56	58.78	59.00	59.22	59.44	59.66	59.88	60.10	60.32	60.54	60.76	60.98	61.20	61.42	61.64	61.86	62.08	62.30	62.52
2		61.80	62.04	62.28	62.52	62.76	63.01	63.25	63.49	63.73	63.97	64.21	64.45	64.70	64.94	65.18	65.42	65.66	65.90	66.14	66.38	66.62	66.86	67.10	67.34	67.58	67.82	68.06	68.30	68.54
1		65.28	65.54	65.79	66.05	66.30	66.56	66.81	67.07	67.32	67.58	67.83	68.09	68.34	68.60	68.85	69.11	69.36	69.62	69.87	70.13	70.38	70.64	70.89	71.14	71.39	71.64	71.89	72.14	72.39

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE III—Concluded

Thickness, B. W. G.	WIDTH, INCHES																						
	69½	70	70½	70¾	71	71¼	71½	71¾	72	72¼	72½	72¾	73	73¼	73½	73¾	74	74¼	74½	74¾	75	75½	
12	25.85	25.94	26.03	26.13	26.22	26.31	26.41	26.50	26.59	26.68	26.78	26.87	26.96	27.05	27.15	27.24	27.33	27.42	27.52	27.61	27.70	27.80	27.89
11	28.46	28.56	28.66	28.76	28.87	28.97	29.07	29.17	29.27	29.38	29.48	29.58	29.68	29.78	29.89	29.99	30.10	30.20	30.30	30.40	30.50	30.60	30.70
10	31.78	31.89	32.01	32.12	32.23	32.35	32.46	32.58	32.69	32.82	32.93	33.03	33.14	33.26	33.37	33.49	33.60	33.71	33.83	33.94	34.06	34.17	34.28
9	35.10	35.22	35.35	35.48	35.60	35.73	35.85	35.98	36.10	36.23	36.36	36.48	36.61	36.73	36.86	36.99	37.11	37.24	37.36	37.49	37.61	37.74	37.87
8	39.13	39.27	39.41	39.55	39.69	39.83	39.97	40.11	40.25	40.39	40.53	40.67	40.81	40.95	41.09	41.23	41.37	41.51	41.65	41.79	41.93	42.08	42.22
7	42.69	42.84	42.99	43.15	43.30	43.45	43.61	43.76	43.91	44.06	44.22	44.37	44.52	44.68	44.83	44.98	45.14	45.29	45.44	45.59	45.75	45.90	46.05
6	48.14	48.31	48.49	48.66	48.83	49.00	49.18	49.35	49.52	49.69	49.87	50.04	50.21	50.38	50.56	50.73	50.90	51.07	51.25	51.42	51.59	51.77	51.94
5	52.17	52.36	52.55	52.73	52.92	53.11	53.30	53.48	53.67	53.86	54.04	54.23	54.42	54.60	54.79	54.98	55.17	55.35	55.54	55.73	55.91	56.10	56.29
4	56.44	56.64	56.85	57.05	57.25	57.45	57.66	57.86	58.06	58.26	58.46	58.67	58.87	59.07	59.27	59.48	59.68	59.88	60.08	60.29	60.49	60.69	60.89
3	61.42	61.64	61.86	62.08	62.30	62.52	62.74	62.96	63.18	63.40	63.62	63.84	64.06	64.28	64.50	64.72	64.94	65.16	65.38	65.60	65.82	66.05	66.27
2	67.35	67.59	67.83	68.07	68.32	68.56	68.80	69.04	69.28	69.52	69.76	70.01	70.25	70.49	70.73	70.97	71.21	71.45	71.70	71.94	72.18	72.42	72.66
1	71.15	71.40	71.66	71.91	72.17	72.42	72.68	72.93	73.19	73.44	73.70	73.95	74.21	74.46	74.72	74.97	75.23	75.48	75.74	75.99	76.25	76.50	76.76
	75½	75¾	76	76¼	76½	76¾	77	77¼	77½	77¾	78	78¼	78½	78¾	79	79¼	79½	79¾	80	80¼	80½	80¾	81
12	27.98	28.07	28.17	28.26	28.35	28.44	28.54	28.63	28.72	28.81	28.91	29.00	29.09	29.18	29.28	29.37	29.46	29.56	29.65	29.74	29.83	29.93	30.02
11	30.80	30.91	31.01	31.11	31.21	31.31	31.42	31.52	31.62	31.72	31.82	31.93	32.03	32.13	32.23	32.33	32.44	32.54	32.64	32.74	32.84	32.95	33.05
10	34.40	34.51	34.63	34.74	34.85	34.97	35.08	35.20	35.31	35.42	35.54	35.65	35.76	35.88	35.99	36.11	36.22	36.33	36.45	36.56	36.68	36.79	36.90
9	37.99	38.12	38.24	38.37	38.49	38.62	38.75	38.87	39.00	39.12	39.25	39.38	39.50	39.63	39.75	39.88	40.00	40.13	40.26	40.38	40.51	40.63	40.76
8	42.36	42.50	42.64	42.78	42.92	43.06	43.20	43.34	43.48	43.62	43.76	43.90	44.04	44.18	44.32	44.46	44.60	44.74	44.88	45.02	45.16	45.30	45.44
7	46.21	46.36	46.51	46.67	46.82	46.97	47.12	47.28	47.43	47.58	47.74	47.89	48.04	48.20	48.35	48.50	48.65	48.81	48.96	49.11	49.27	49.42	49.57
6	52.11	52.28	52.46	52.63	52.80	52.97	53.15	53.32	53.49	53.66	53.84	54.01	54.18	54.35	54.53	54.70	54.87	55.04	55.22	55.39	55.56	55.73	55.91
5	56.47	56.66	56.85	57.04	57.22	57.41	57.60	57.78	57.97	58.16	58.34	58.53	58.72	58.91	59.09	59.28	59.47	59.65	59.84	60.03	60.21	60.40	60.59
4	61.09	61.30	61.50	61.70	61.90	62.11	62.31	62.51	62.71	62.92	63.12	63.32	63.52	63.72	63.93	64.13	64.33	64.53	64.74	64.94	65.14	65.34	65.55
3	66.49	66.71	66.93	67.15	67.37	67.59	67.81	68.03	68.25	68.47	68.69	68.91	69.13	69.35	69.57	69.79	70.01	70.23	70.45	70.67	70.89	71.11	71.33
2	72.90	73.14	73.39	73.63	73.87	74.11	74.35	74.59	74.83	75.08	75.32	75.56	75.80	76.04	76.28	76.52	76.77	77.01	77.25	77.49	77.73	77.97	78.21
1	77.01	77.27	77.52	77.78	78.03	78.29	78.54	78.80	79.05	79.31	79.56	79.82	80.07	80.33	80.58	80.84	81.09	81.35	81.60	81.86	82.11	82.37	82.62

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV.—Thicknesses from 1/32 inch to 2 1/4 inches. Widths from 3/8 inch to 132 1/2 inches

Thickness, Inches	WIDTH, INCHES																						
	3/32	1/8	5/32	3/16	7/32	1/2	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4							
3/32	.0398	.0432	.0465	.0498	.0531	.0564	.0598	.0631	.0664	.0697	.0730	.0764	.0797	.0830	.0863	.0896	.0930	.0963	.0996	.1029	.1063	.1096	.1129
1/8	.0797	.0863	.0930	.0996	.1063	.1129	.1195	.1262	.1328	.1392	.1457	.1523	.1589	.1654	.1719	.1783	.1848	.1912	.1976	.2040	.2104	.2168	.2232
5/32	.1195	.1262	.1328	.1392	.1457	.1523	.1589	.1654	.1719	.1783	.1848	.1912	.1976	.2040	.2104	.2168	.2232	.2296	.2360	.2424	.2488	.2552	.2616
3/16	.1594	.1727	.1859	.1992	.2125	.2258	.2391	.2523	.2656	.2789	.2922	.3055	.3188	.3320	.3453	.3586	.3719	.3852	.3984	.4117	.4250	.4383	.4516
1/4	.2091	.2158	.2224	.2290	.2356	.2422	.2488	.2554	.2620	.2686	.2752	.2818	.2884	.2950	.3016	.3082	.3148	.3214	.3280	.3346	.3412	.3478	.3544
5/16	.2588	.2655	.2722	.2789	.2856	.2922	.2989	.3056	.3122	.3189	.3256	.3322	.3389	.3456	.3522	.3589	.3655	.3722	.3789	.3856	.3922	.3989	.4056
3/8	.3085	.3152	.3219	.3286	.3353	.3419	.3486	.3553	.3619	.3686	.3753	.3819	.3886	.3953	.4019	.4086	.4153	.4219	.4286	.4353	.4419	.4486	.4553
1/2	.3582	.3649	.3716	.3783	.3850	.3917	.3984	.4051	.4118	.4185	.4252	.4319	.4386	.4453	.4520	.4587	.4654	.4721	.4788	.4855	.4922	.4989	.5056
5/8	.4079	.4146	.4213	.4280	.4347	.4414	.4481	.4548	.4615	.4682	.4749	.4816	.4883	.4950	.5017	.5084	.5151	.5218	.5285	.5352	.5419	.5486	.5553
3/4	.4576	.4643	.4710	.4777	.4844	.4911	.4978	.5045	.5112	.5179	.5246	.5313	.5380	.5447	.5514	.5581	.5648	.5715	.5782	.5849	.5916	.5983	.6050
7/8	.5073	.5140	.5207	.5274	.5341	.5408	.5475	.5542	.5609	.5676	.5743	.5810	.5877	.5944	.6011	.6078	.6145	.6212	.6279	.6346	.6413	.6480	.6547
1	.5570	.5637	.5704	.5771	.5838	.5905	.5972	.6039	.6106	.6173	.6240	.6307	.6374	.6441	.6508	.6575	.6642	.6709	.6776	.6843	.6910	.6977	.7044
1 1/8	.6067	.6134	.6201	.6268	.6335	.6402	.6469	.6536	.6603	.6670	.6737	.6804	.6871	.6938	.7005	.7072	.7139	.7206	.7273	.7340	.7407	.7474	.7541
1 1/4	.6564	.6631	.6698	.6765	.6832	.6899	.6966	.7033	.7100	.7167	.7234	.7301	.7368	.7435	.7502	.7569	.7636	.7703	.7770	.7837	.7904	.7971	.8038
1 3/8	.7061	.7128	.7195	.7262	.7329	.7396	.7463	.7530	.7597	.7664	.7731	.7798	.7865	.7932	.8000	.8067	.8134	.8201	.8268	.8335	.8402	.8469	.8536
1 1/2	.7558	.7625	.7692	.7759	.7826	.7893	.7960	.8027	.8094	.8161	.8228	.8295	.8362	.8429	.8496	.8563	.8630	.8697	.8764	.8831	.8898	.8965	.9032
1 3/4	.8055	.8122	.8189	.8256	.8323	.8390	.8457	.8524	.8591	.8658	.8725	.8792	.8859	.8926	.8993	.9060	.9127	.9194	.9261	.9328	.9395	.9462	.9529
1 7/8	.8552	.8619	.8686	.8753	.8820	.8887	.8954	.9021	.9088	.9155	.9222	.9289	.9356	.9423	.9490	.9557	.9624	.9691	.9758	.9825	.9892	.9959	.1006
2	.9049	.9116	.9183	.9250	.9317	.9384	.9451	.9518	.9585	.9652	.9719	.9786	.9853	.9920	.9987	.1005	.1012	.1019	.1026	.1033	.1040	.1047	.1054
2 1/8	.9546	.9613	.9680	.9747	.9814	.9881	.9948	.1005	.1012	.1019	.1026	.1033	.1040	.1047	.1054	.1061	.1068	.1075	.1082	.1089	.1096	.1103	.1110
2 1/4	.1001	.1008	.1015	.1022	.1029	.1036	.1043	.1050	.1057	.1064	.1071	.1078	.1085	.1092	.1099	.1106	.1113	.1120	.1127	.1134	.1141	.1148	.1155

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	2								
1/8	1.162	1.195	1.229	1.262	1.295	1.328	1.361	1.39	1.43	1.46	1.49	1.53	1.56	1.59	1.66	1.73	1.79	1.86	1.93	1.99	2.06	2.13	2.19	
1/8	2.306	2.391	2.457	2.523	2.590	2.656	2.723	2.79	2.86	2.92	2.99	3.05	3.12	3.19	3.32	3.45	3.59	3.72	3.85	3.98	4.12	4.25	4.38	4.43
1/8	3.456	3.586	3.686	3.785	3.885	3.984	4.084	4.18	4.28	4.38	4.48	4.58	4.68	4.78	4.98	5.18	5.38	5.58	5.78	5.98	6.18	6.38	6.57	6.67
1/8	4.648	4.781	4.914	5.047	5.180	5.313	5.445	5.58	5.71	5.84	5.98	6.11	6.24	6.38	6.64	6.91	7.17	7.44	7.70	7.97	8.23	8.50	8.77	8.87
1/8	5.811	5.977	6.143	6.309	6.475	6.641	6.807	6.977	7.14	7.30	7.47	7.64	7.80	7.97	8.30	8.63	8.96	9.30	9.63	9.96	1.029	1.063	1.096	1.106
1/8	6.973	7.172	7.371	7.570	7.770	7.969	8.168	8.37	8.57	8.77	8.96	9.16	9.36	9.56	9.96	1.036	1.076	1.116	1.155	1.195	1.235	1.275	1.315	1.315
1/8	8.135	8.367	8.600	8.832	9.064	9.297	9.529	9.76	9.99	1.023	1.046	1.069	1.092	1.116	1.162	1.209	1.255	1.302	1.348	1.395	1.441	1.488	1.534	1.534
1/8	9.297	9.563	9.828	1.0094	1.0359	1.0625	1.0891	1.116	1.142	1.169	1.195	1.222	1.248	1.275	1.328	1.381	1.434	1.488	1.541	1.594	1.647	1.700	1.753	1.753
1/8	1.162	1.195	1.229	1.262	1.295	1.328	1.361	1.395	1.428	1.461	1.494	1.527	1.561	1.594	1.660	1.727	1.793	1.859	1.926	1.992	2.059	2.125	2.191	2.191
1/8	1.3945	1.4344	1.4742	1.5141	1.5539	1.5938	1.6336	1.673	1.713	1.753	1.793	1.833	1.873	1.913	1.992	2.072	2.152	2.231	2.311	2.391	2.470	2.550	2.630	2.630
1/8	1.6270	1.6734	1.7199	1.7664	1.8129	1.8594	1.9059	1.952	1.999	2.045	2.092	2.138	2.185	2.231	2.324	2.417	2.510	2.603	2.696	2.789	2.882	2.975	3.068	3.068
1/8	1.8594	1.9125	1.9656	2.0188	2.0719	2.1250	2.1781	2.231	2.284	2.338	2.391	2.444	2.497	2.550	2.656	2.763	2.869	2.975	3.081	3.188	3.294	3.400	3.506	3.506
1/8	2.0918	2.1516	2.2113	2.2711	2.3309	2.3906	2.4504	2.510	2.570	2.630	2.689	2.749	2.809	2.869	2.988	3.108	3.227	3.347	3.466	3.586	3.705	3.825	3.945	3.945
1/8	2.3242	2.3906	2.4570	2.5234	2.5898	2.6563	2.7227	2.789	2.855	2.922	2.988	3.055	3.121	3.188	3.320	3.453	3.586	3.719	3.852	3.984	4.117	4.250	4.383	4.383
1/8	2.5566	2.6297	2.7027	2.7758	2.8488	2.9219	2.9949	3.068	3.141	3.214	3.287	3.360	3.433	3.506	3.652	3.798	3.945	4.091	4.237	4.383	4.529	4.675	4.821	4.821
1/8	2.7891	2.8688	2.9484	3.0281	3.1078	3.1875	3.2672	3.347	3.427	3.506	3.586	3.666	3.745	3.825	3.984	4.144	4.303	4.463	4.622	4.781	4.941	5.100	5.259	5.259
1/8	3.0215	3.1078	3.1941	3.2805	3.3668	3.4531	3.5395	3.626	3.712	3.798	3.885	3.971	4.057	4.144	4.316	4.489	4.662	4.834	5.007	5.180	5.352	5.525	5.698	5.698
1/8	3.2539	3.3469	3.4398	3.5328	3.6258	3.7188	3.8117	3.905	3.998	4.091	4.184	4.277	4.370	4.463	4.648	4.834	5.020	5.206	5.392	5.578	5.764	5.950	6.136	6.136
1/8	3.4863	3.5859	3.6855	3.7852	3.8848	3.9844	4.0840	4.184	4.283	4.383	4.482	4.582	4.682	4.781	4.980	5.180	5.379	5.578	5.777	5.977	6.176	6.375	6.574	6.574
1/8	3.7188	3.8250	3.9313	4.0375	4.1438	4.2500	4.3563	4.463	4.569	4.675	4.781	4.888	4.994	5.100	5.313	5.525	5.738	5.950	6.163	6.375	6.588	6.800	7.013	7.013
1/8	4.1836	4.3031	4.4227	4.5422	4.6617	4.7813	4.9008	5.020	5.140	5.259	5.379	5.498	5.618	5.738	5.977	6.216	6.455	6.694	6.933	7.172	7.411	7.650	7.889	7.889
1/8	4.6484	4.7813	4.9141	5.0469	5.1797	5.3125	5.4453	5.578	5.711	5.844	5.977	6.109	6.242	6.375	6.641	6.906	7.172	7.438	7.703	7.969	8.234	8.500	8.766	8.766
1/8	5.1133	5.2594	5.4055	5.5516	5.6977	5.8438	5.9899	6.136	6.282	6.428	6.574	6.720	6.866	7.013	7.305	7.597	7.889	8.181	8.473	8.766	9.058	9.350	9.642	9.642
1/8	5.5781	5.7375	5.8969	6.0563	6.2156	6.3750	6.5344	6.694	6.853	7.013	7.172	7.331	7.491	7.650	8.066	8.288	8.509	8.729	8.949	9.169	9.389	9.609	9.829	9.829
1/8	6.0430	6.2156	6.3883	6.5609	6.7336	6.9063	7.0789	7.252	7.424	7.597	7.770	7.942	8.115	8.288	8.633	8.978	9.323	9.669	10.014	10.359	10.705	11.050	11.395	11.395
1/8	6.5078	6.6938	6.8797	7.0656	7.2516	7.4375	7.6234	7.809	7.995	8.181	8.367	8.553	8.739	8.925	9.297	9.669	10.041	10.413	10.784	11.156	11.528	11.900	12.272	12.272
1/8	6.9727	7.1719	7.3711	7.5703	7.7695	7.9688	8.1680	8.367	8.566	8.765	8.965	9.164	9.363	9.563	10.021	10.359	10.705	11.050	11.395	11.740	12.085	12.430	12.775	12.775
1/8	7.4375	7.6500	7.8625	8.0750	8.2875	8.5000	8.7125	8.9250	9.1375	9.3500	9.5625	9.7750	9.9875	10.2000	10.6250	11.0500	11.4750	11.9000	12.3250	12.7500	13.1750	13.6000	14.0250	14.0250
2 1/8	7.9023	8.1281	8.3539	8.5797	8.8055	9.0313	9.2570	9.483	9.709	9.934	10.160	10.386	10.612	10.838	11.289	11.741	12.192	12.644	13.095	13.547	13.998	14.450	14.902	14.902
2 1/8	8.3672	8.6063	8.8453	9.0844	9.3234	9.5625	9.8016	10.041	10.280	10.519	10.758	10.997	11.236	11.475	11.953	12.431	12.909	13.388	13.866	14.344	14.822	15.300	15.778	15.778

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV—Continued

Thickness Inches	WIDTH, INCHES																						
	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½	2½							
1/8	226	232	239	246	252	259	266	272	279	286	292	299	305	312	319	325	332	339	345	352	359	365	372
1/8	452	465	478	491	505	518	531	545	558	571	584	598	611	624	638	651	664	677	691	704	717	730	744
1/8	677	697	717	737	757	777	797	817	837	857	877	896	916	936	956	976	996	1016	1036	1056	1076	1096	1116
1/8	903	930	956	983	1009	1036	1063	1089	1116	1142	1169	1195	1222	1248	1275	1302	1328	1355	1381	1408	1434	1461	1488
1/8	1129	1162	1195	1229	1262	1295	1328	1361	1395	1428	1461	1494	1527	1561	1594	1627	1660	1693	1727	1760	1793	1826	1859
1/8	1355	1395	1434	1474	1514	1554	1594	1634	1673	1713	1753	1793	1833	1873	1913	1952	1992	2032	2072	2112	2152	2191	2231
1/8	1580	1627	1673	1720	1766	1813	1859	1906	1952	2000	2045	2092	2138	2185	2231	2278	2324	2371	2417	2464	2510	2557	2603
1/8	1806	1859	1913	1966	2019	2072	2125	2178	2231	2284	2338	2391	2444	2497	2550	2603	2656	2709	2763	2816	2869	2922	2975
1/8	2258	2324	2391	2457	2523	2590	2656	2723	2789	2855	2922	2988	3055	3121	3188	3254	3320	3387	3453	3520	3586	3652	3719
1/8	2709	2789	2869	2948	3028	3108	3188	3267	3347	3427	3506	3586	3666	3745	3825	3905	3984	4064	4144	4223	4303	4383	4463
1/8	3161	3254	3347	3440	3533	3626	3719	3812	3905	3998	4091	4184	4277	4370	4463	4555	4648	4741	4834	4927	5020	5113	5206
1/8	3613	3719	3825	3931	4038	4144	4250	4356	4463	4569	4675	4781	4888	4994	5100	5206	5313	5419	5525	5631	5738	5844	5950
1/8	4064	4184	4303	4423	4542	4662	4781	4901	5020	5140	5259	5379	5498	5618	5738	5857	5977	6096	6216	6335	6455	6574	6694
1/8	4516	4648	4781	4914	5047	5180	5313	5445	5578	5711	5844	5977	6109	6242	6375	6508	6641	6773	6906	7039	7172	7305	7438
1/8	4967	5113	5259	5405	5552	5698	5844	5990	6136	6282	6428	6574	6720	6866	7013	7159	7305	7451	7597	7743	7889	8035	8181
1/8	5419	5578	5738	5897	6056	6216	6375	6534	6694	6853	7013	7172	7331	7491	7650	7809	7969	8128	8288	8447	8606	8765	8925
1/8	5870	6043	6216	6388	6561	6734	6906	7079	7252	7424	7597	7770	7942	8115	8288	8460	8633	8805	8978	9151	9323	9496	9669
1/8	6322	6508	6694	6880	7066	7252	7438	7623	7809	7995	8181	8367	8553	8739	8925	9111	9297	9483	9669	9855	10041	10227	10413
1/8	6773	6973	7172	7371	7570	7770	7969	8168	8367	8566	8766	8965	9164	9363	9563	9762	9961	10160	10359	10559	10758	10957	11156
1/8	7225	7438	7650	7863	8075	8288	8500	8713	8925	9138	9350	9563	9775	9988	10200	10413	10625	10838	11050	11263	11475	11688	11900
1/8	8128	8367	8606	8845	9084	9323	9563	9802	10041	10280	10519	10758	10997	11236	11475	11714	11953	12192	12431	12670	12909	13148	13388
1/8	9034	9297	9561	9825	10089	10353	10617	10881	11145	11409	11673	11937	12201	12465	12729	12993	13257	13521	13785	14049	14313	14577	14841
1/8	9939	10227	10516	10811	11103	11395	11688	11981	12272	12564	12856	13148	13441	13733	14025	14316	14609	14901	15194	15486	15778	16070	16363
1/8	10838	11156	11475	11794	12113	12431	12750	13069	13388	13706	14025	14344	14663	14981	15300	15619	15938	16256	16575	16894	17213	17531	17850
1/8	11741	12086	12431	12777	13122	13467	13813	14158	14503	14848	15194	15539	15884	16230	16575	16920	17266	17611	17956	18301	18646	18991	19338
1/8	12644	13016	13388	13759	14131	14503	14875	15247	15619	15991	16363	16734	17106	17478	17850	18222	18594	18966	19338	19709	20081	20453	20825
1/8	13547	13954	14344	14742	15141	15539	15938	16336	16734	17133	17531	17929	18328	18727	19125	19523	19922	20320	20719	21117	21516	21914	22313
1/8	14450	14875	15300	15725	16150	16575	17000	17425	17850	18275	18700	19125	19550	19975	20400	20825	21250	21675	22100	22525	22950	23375	23800
2	15353	15805	16256	16708	17159	17611	18063	18514	18966	19417	19868	20320	20772	21223	21675	22127	22578	23030	23481	23933	24384	24836	25287
2 1/4	16256	16734	17213	17691	18169	18647	19125	19603	20081	20559	21037	21516	21994	22472	22950	23428	23906	24384	24863	25341	25819	26297	26775

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																				
	3 3/8	3 5/8	3 7/8	3 11/8	3 13/8	4	4 1/8	4 1/4	4 3/8	4 1/2	4 5/8	4 3/4	4 7/8	4 7/8	4 9/8	4 5/4	4 11/8	4 1 1/8	4 1 1/4	5	
1 1/8	379	385	392	398	405	412	418	425	432	438	445	452	458	465	471	478	485	491	498	505	518
1 1/4	757	770	784	797	810	823	837	850	863	877	890	903	916	930	943	956	970	983	996	1009	1036
1 1/2	1136	1155	1175	1195	1215	1235	1255	1275	1295	1315	1335	1355	1375	1395	1414	1434	1454	1474	1494	1514	1554
1 3/4	1514	1541	1567	1594	1620	1647	1673	1700	1727	1753	1780	1806	1833	1859	1886	1913	1939	1966	1992	2019	2072
1 7/8	1893	1926	1952	1979	2025	2059	2092	2125	2158	2191	2225	2258	2291	2324	2357	2391	2424	2457	2490	2523	2590
2	2271	2311	2351	2391	2430	2470	2510	2550	2590	2630	2670	2709	2749	2789	2829	2869	2909	2948	2988	3028	3108
2 1/8	2650	2696	2743	2789	2836	2882	2929	2975	3021	3068	3114	3161	3207	3254	3300	3347	3393	3440	3486	3533	3626
2 1/4	3028	3081	3134	3188	3241	3294	3347	3400	3453	3506	3559	3613	3666	3719	3772	3825	3878	3931	3984	4038	4144
2 3/8	3785	3852	3918	3984	4051	4117	4184	4250	4316	4383	4449	4516	4582	4648	4715	4781	4848	4914	4980	5047	5180
2 1/2	4542	4622	4702	4781	4861	4941	5020	5100	5180	5259	5339	5419	5498	5578	5658	5738	5817	5897	5977	6056	6216
2 3/4	5299	5392	5485	5578	5671	5764	5857	5950	6043	6136	6229	6322	6415	6508	6601	6694	6787	6880	6973	7066	7252
3	6056	6163	6269	6375	6481	6588	6694	6800	6906	7013	7119	7225	7331	7438	7544	7650	7756	7863	7969	8075	8288
3 1/8	6813	6933	7052	7172	7291	7411	7531	7650	7770	7889	8009	8128	8248	8367	8487	8606	8726	8845	8965	9084	9323
3 1/4	7570	7703	7836	7969	8102	8234	8367	8500	8633	8766	8898	9031	9164	9297	9430	9563	9695	9828	9961	10094	10359
3 1/2	8327	8473	8620	8766	8912	9058	9204	9350	9496	9642	9788	9934	10080	10227	10373	10519	10665	10811	10957	11103	11396
3 3/4	9084	9244	9403	9563	9722	9881	10041	10200	10359	10519	10678	10838	10997	11156	11316	11475	11634	11794	11953	12113	12431
4	9841	10014	10187	10359	10532	10705	10877	11050	11223	11396	11568	11741	11913	12086	12259	12431	12604	12777	12949	13122	13467
4 1/8	10598	10784	10970	11156	11342	11528	11714	11900	12086	12272	12458	12644	12830	13016	13202	13388	13573	13759	13945	14131	14503
4 1/4	11355	11555	11754	11953	12152	12352	12551	12750	12949	13148	13348	13547	13746	13945	14145	14344	14543	14742	14941	15141	15539
4 1/2	12113	12325	12538	12750	12963	13175	13388	13600	13813	14025	14238	14451	14663	14875	15088	15300	15513	15725	15938	16150	16575
4 3/4	13627	13866	14105	14344	14583	14822	15061	15300	15539	15778	16017	16256	16495	16734	16973	17213	17452	17691	17930	18169	18647
4 7/8	15141	15406	15672	15938	16203	16469	16734	17000	17266	17531	17797	18063	18328	18594	18859	19125	19391	19656	19922	20188	20719
5	16655	16947	17239	17531	17823	18116	18408	18700	18992	19284	19577	19869	20161	20453	20745	21038	21330	21622	21914	22206	22737
5 1/8	18169	18488	18806	19125	19444	19763	20081	20400	20719	21038	21356	21675	21994	22313	22632	22951	23269	23588	23906	24225	24863
5 1/4	19683	20028	20373	20719	21064	21409	21755	22100	22445	22791	23136	23481	23827	24172	24517	24863	25208	25553	25898	26244	26934
5 1/2	21197	21569	21941	22313	22684	23056	23428	23800	24172	24544	24916	25288	25659	26031	26403	26775	27147	27519	27891	28263	29026
5 3/4	22711	23109	23508	23906	24305	24703	25102	25500	25898	26297	26695	27094	27492	27891	28289	28688	29086	29484	29883	30281	31079
6	24225	24650	25075	25500	25925	26350	26775	27200	27625	28050	28475	28900	29325	29750	30175	30600	31025	31450	31875	32300	33150
6 1/8	25739	26191	26642	27094	27545	27997	28448	28900	29352	29803	30255	30706	31158	31609	32061	32513	32964	33416	33867	34319	35222
6 1/4	27253	27731	28209	28688	29166	29644	30122	30600	31078	31556	32034	32512	32991	33469	33947	34425	34903	35381	35859	36338	37294

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness, Inches	WIDTH, INCHES																						
	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	8	8 1/4	8 1/2	8 3/4	9							
1/4	.558	.571	.584	.598	.611	.624	.638	.651	.664	.677	.691	.704	.717	.730	.744	.757	.770	.784	.797	.810	.823	.837	.850
1/2	1.116	1.142	1.169	1.195	1.222	1.248	1.275	1.302	1.328	1.355	1.381	1.408	1.434	1.461	1.488	1.514	1.541	1.567	1.594	1.620	1.647	1.673	1.700
3/4	1.673	1.713	1.753	1.833	1.873	1.913	1.952	1.992	2.032	2.072	2.112	2.152	2.191	2.231	2.271	2.311	2.351	2.430	2.470	2.510	2.550	2.590	2.630
1	2.231	2.284	2.338	2.391	2.444	2.497	2.550	2.603	2.656	2.709	2.763	2.816	2.869	2.922	2.975	3.028	3.081	3.134	3.188	3.241	3.294	3.347	3.400
1 1/4	2.789	2.855	2.922	2.988	3.055	3.121	3.188	3.254	3.320	3.387	3.453	3.520	3.586	3.652	3.719	3.785	3.852	3.918	3.984	4.051	4.117	4.184	4.250
1 1/2	3.347	3.427	3.506	3.586	3.666	3.745	3.825	3.905	3.984	4.064	4.144	4.223	4.302	4.381	4.461	4.540	4.620	4.700	4.781	4.861	4.941	5.020	5.100
1 3/4	3.905	3.998	4.091	4.184	4.277	4.370	4.463	4.556	4.648	4.741	4.834	4.927	5.020	5.113	5.206	5.299	5.392	5.485	5.578	5.671	5.764	5.857	5.950
2	4.463	4.569	4.675	4.781	4.888	4.994	5.100	5.206	5.313	5.419	5.525	5.631	5.738	5.844	5.950	6.056	6.163	6.269	6.375	6.481	6.588	6.694	6.800
2 1/4	5.578	5.711	5.844	5.977	6.109	6.242	6.375	6.508	6.641	6.773	6.906	7.039	7.172	7.305	7.438	7.570	7.703	7.836	7.969	8.102	8.234	8.367	8.500
2 1/2	6.694	6.853	7.013	7.172	7.331	7.491	7.650	7.809	7.969	8.128	8.288	8.447	8.606	8.766	8.925	9.084	9.244	9.403	9.563	9.722	9.881	10.041	10.200
2 3/4	7.809	7.995	8.181	8.367	8.553	8.739	8.925	9.111	9.297	9.483	9.669	9.855	10.041	10.227	10.413	10.598	10.784	10.970	11.156	11.342	11.528	11.714	11.900
3	8.925	9.138	9.350	9.563	9.775	9.988	10.200	10.413	10.625	10.838	11.050	11.263	11.475	11.688	11.900	12.113	12.325	12.538	12.750	12.963	13.175	13.388	13.600
3 1/4	10.041	10.280	10.519	10.758	10.997	11.236	11.475	11.714	11.953	12.192	12.431	12.670	12.909	13.148	13.388	13.627	13.866	14.105	14.344	14.583	14.822	15.061	15.300
3 1/2	11.156	11.422	11.688	11.953	12.219	12.484	12.750	13.016	13.281	13.547	13.813	14.078	14.344	14.609	14.875	15.141	15.406	15.672	15.938	16.203	16.469	16.734	17.000
4	12.272	12.564	12.856	13.148	13.441	13.733	14.025	14.317	14.609	14.902	15.194	15.486	15.778	16.070	16.363	16.655	16.947	17.239	17.531	17.823	18.116	18.408	18.700
4 1/4	13.388	13.706	14.025	14.344	14.663	14.981	15.300	15.619	15.938	16.256	16.575	16.894	17.213	17.531	17.850	18.169	18.488	18.806	19.125	19.444	19.763	20.081	20.400
4 1/2	14.503	14.848	15.194	15.539	15.884	16.230	16.575	16.920	17.266	17.611	17.956	18.302	18.647	18.992	19.338	19.683	20.028	20.373	20.719	21.064	21.409	21.755	22.100
4 3/4	15.619	15.991	16.363	16.734	17.106	17.478	17.850	18.222	18.594	18.966	19.338	19.709	20.081	20.453	20.825	21.197	21.569	21.941	22.313	22.684	23.056	23.428	23.800
5	16.734	17.133	17.531	17.930	18.328	18.727	19.125	19.523	19.922	20.320	20.719	21.117	21.516	21.914	22.313	22.711	23.109	23.508	23.906	24.305	24.703	25.102	25.500
5 1/4	17.850	18.275	18.700	19.125	19.550	19.975	20.400	20.825	21.250	21.675	22.100	22.525	22.950	23.375	23.800	24.225	24.650	25.075	25.500	25.925	26.350	26.775	27.200
5 1/2	20.081	20.559	21.038	21.516	21.994	22.472	22.950	23.428	23.906	24.384	24.863	25.341	25.819	26.297	26.775	27.253	27.731	28.209	28.688	29.166	29.644	30.122	30.600
5 3/4	22.313	22.844	23.375	23.906	24.438	24.969	25.500	26.031	26.563	27.094	27.625	28.156	28.688	29.219	29.750	30.281	30.813	31.344	31.875	32.406	32.938	33.469	34.000
6	24.544	25.128	25.713	26.298	26.881	27.466	28.050	28.634	29.219	29.803	30.388	30.972	31.556	32.141	32.725	33.309	33.894	34.478	35.063	35.647	36.231	36.816	37.400
6 1/4	26.775	27.413	28.050	28.688	29.325	29.963	30.600	31.238	31.875	32.513	33.150	33.788	34.425	35.063	35.700	36.338	36.975	37.613	38.250	38.888	39.525	40.163	40.800
6 1/2	29.006	29.697	30.388	31.078	31.769	32.459	33.150	33.841	34.531	35.222	35.913	36.603	37.294	37.984	38.675	39.366	40.056	40.747	41.438	42.128	42.819	43.509	44.200
6 3/4	31.238	31.981	32.725	33.469	34.213	34.956	35.700	36.444	37.188	37.931	38.675	39.419	40.163	40.906	41.650	42.394	43.138	43.881	44.625	45.369	46.113	46.856	47.600
7	33.469	34.266	35.063	35.859	36.656	37.453	38.250	39.047	39.844	40.641	41.438	42.234	43.031	43.828	44.625	45.422	46.219	47.016	47.813	48.609	49.406	50.203	51.000
7 1/4	35.700	36.550	37.400	38.250	39.100	39.950	40.800	41.650	42.500	43.350	44.200	45.050	45.900	46.750	47.600	48.450	49.300	50.150	51.000	51.850	52.700	53.550	54.400
7 1/2	37.931	38.834	39.738	40.641	41.544	42.447	43.350	44.253	45.156	46.059	46.963	47.866	48.769	49.672	50.575	51.478	52.381	53.284	54.188	55.091	55.994	56.897	57.800
7 3/4	40.163	41.119	42.075	43.031	43.988	44.944	45.900	46.856	47.813	48.769	49.725	50.681	51.638	52.594	53.550	54.506	55.463	56.419	57.375	58.331	59.288	60.244	61.200

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness, Inches	WIDTH, INCHES																										
	8 1/8	8 1/4	8 3/8	8 1/2	8 5/8	8 3/4	9	9 1/8	9 1/4	9 1/2	9 3/4	9 5/8	9 3/4	10	10 1/4	10 1/2	10 3/4	10 5/8	11	11 1/4	11 1/2	11 3/4	11 5/8	11 3/4	12		
1/8	.863	.877	.890	.903	.916	.930	.943	.956	.970	.983	.996	1.009	1.023	1.036	1.050	1.063	1.076	1.089	1.102	1.115	1.128	1.141	1.154	1.167	1.180	1.193	1.206
1/8	1.727	1.753	1.780	1.806	1.833	1.859	1.886	1.913	1.939	1.966	1.992	2.019	2.045	2.072	2.125	2.178	2.231	2.284	2.337	2.390	2.443	2.497	2.550	2.603	2.656	2.709	2.762
1/8	2.590	2.630	2.670	2.709	2.749	2.789	2.829	2.869	2.909	2.948	2.988	3.028	3.068	3.108	3.188	3.268	3.348	3.428	3.508	3.588	3.668	3.748	3.828	3.908	3.988	4.068	4.148
1/8	3.453	3.506	3.559	3.613	3.666	3.719	3.772	3.825	3.878	3.931	3.984	4.038	4.091	4.144	4.250	4.356	4.463	4.569	4.675	4.781	4.888	4.994	5.100	5.207	5.313	5.419	5.525
1/8	4.316	4.383	4.449	4.516	4.582	4.648	4.715	4.781	4.848	4.914	4.980	5.047	5.113	5.180	5.313	5.446	5.578	5.711	5.844	5.977	6.109	6.242	6.375	6.508	6.641	6.774	6.907
1/8	5.180	5.259	5.338	5.417	5.496	5.575	5.654	5.733	5.812	5.891	5.970	6.049	6.128	6.207	6.375	6.543	6.711	6.879	7.047	7.215	7.383	7.551	7.719	7.887	8.055	8.223	8.391
1/8	6.043	6.136	6.229	6.322	6.415	6.508	6.601	6.694	6.787	6.880	6.973	7.066	7.159	7.252	7.437	7.623	7.809	7.995	8.181	8.367	8.553	8.739	8.925	9.111	9.297	9.483	9.669
1/8	6.906	7.013	7.119	7.225	7.331	7.438	7.544	7.650	7.756	7.863	7.969	8.075	8.181	8.288	8.500	8.713	8.925	9.138	9.350	9.563	9.775	9.988	10.200	10.413	10.625	10.838	11.050
1/8	8.633	8.766	8.898	9.031	9.164	9.297	9.430	9.563	9.696	9.828	9.961	10.094	10.227	10.359	10.625	10.891	11.156	11.422	11.688	11.953	12.219	12.484	12.750	13.015	13.280	13.545	13.810
1/8	10.359	10.519	10.678	10.838	10.997	11.156	11.316	11.475	11.634	11.794	11.953	12.113	12.272	12.431	12.750	13.069	13.388	13.706	14.025	14.344	14.663	14.981	15.300	15.619	15.938	16.257	16.576
1/8	12.086	12.272	12.458	12.644	12.830	13.016	13.202	13.388	13.573	13.759	13.945	14.131	14.317	14.503	14.875	15.247	15.619	15.991	16.363	16.735	17.107	17.478	17.850	18.222	18.594	18.966	19.338
1/8	13.813	14.025	14.238	14.450	14.663	14.875	15.088	15.300	15.513	15.725	15.938	16.150	16.363	16.575	17.000	17.425	17.850	18.275	18.700	19.125	19.550	19.975	20.400	20.825	21.250	21.675	22.100
1/8	15.539	15.778	16.017	16.256	16.495	16.734	16.973	17.213	17.452	17.691	17.930	18.169	18.408	18.647	19.125	19.604	20.083	20.562	21.041	21.520	22.000	22.479	22.958	23.437	23.916	24.395	24.874
1/8	17.266	17.531	17.797	18.063	18.328	18.594	18.859	19.125	19.391	19.656	19.922	20.188	20.453	20.719	21.250	21.781	22.312	22.843	23.374	23.905	24.436	24.967	25.498	26.029	26.560	27.091	27.622
1/8	18.992	19.284	19.577	19.869	20.161	20.453	20.745	21.038	21.330	21.622	21.914	22.206	22.498	22.791	23.375	23.959	24.543	25.127	25.711	26.295	26.879	27.463	28.047	28.631	29.215	29.799	30.383
1/8	20.719	21.038	21.356	21.675	21.994	22.313	22.631	22.950	23.269	23.588	23.907	24.225	24.544	24.863	25.500	26.138	26.775	27.413	28.050	28.688	29.325	29.963	30.600	31.238	31.875	32.513	33.150
1/8	22.445	22.791	23.136	23.481	23.827	24.172	24.517	24.863	25.208	25.553	25.898	26.244	26.589	26.934	27.625	28.316	29.006	29.697	30.388	31.078	31.769	32.459	33.150	33.841	34.532	35.223	35.914
1/8	24.172	24.544	24.916	25.288	25.659	26.031	26.403	26.775	27.147	27.519	27.891	28.263	28.634	29.006	29.750	30.494	31.238	31.982	32.725	33.469	34.213	34.956	35.700	36.443	37.187	37.930	38.674
1/8	25.898	26.297	26.695	27.094	27.492	27.891	28.289	28.688	29.086	29.484	29.883	30.281	30.680	31.078	31.875	32.672	33.469	34.266	35.063	35.859	36.656	37.453	38.250	39.047	39.844	40.641	41.438
1/8	27.625	28.050	28.475	28.900	29.325	29.750	30.175	30.600	31.025	31.450	31.875	32.300	32.725	33.150	34.000	34.850	35.700	36.550	37.400	38.250	39.100	39.950	40.800	41.650	42.500	43.350	44.200
1/8	31.078	31.556	32.034	32.513	32.991	33.469	33.947	34.425	34.903	35.381	35.859	36.338	36.816	37.294	38.250	39.206	40.163	41.119	42.075	43.031	43.988	44.944	45.900	46.856	47.812	48.768	49.724
1/8	34.531	35.063	35.594	36.125	36.656	37.187	37.719	38.250	38.781	39.312	39.844	40.375	40.906	41.438	42.500	43.563	44.625	45.688	46.750	47.813	48.875	49.938	51.000	52.063	53.125	54.188	55.250
1/8	37.984	38.569	39.153	39.738	40.322	40.906	41.491	42.075	42.659	43.244	43.828	44.413	44.997	45.581	46.750	47.919	49.088	50.256	51.425	52.594	53.763	54.932	56.101	57.270	58.439	59.608	60.777
1/8	41.438	42.075	42.713	43.350	43.988	44.625	45.263	45.900	46.538	47.175	47.813	48.450	49.088	49.725	51.000	52.275	53.550	54.825	56.100	57.375	58.650	59.925	61.200	62.475	63.750	65.025	66.300
1/8	44.891	45.581	46.272	46.963	47.653	48.344	49.034	49.725	50.416	51.106	51.797	52.488	53.178	53.869	55.250	56.631	58.013	59.394	60.775	62.156	63.538	64.919	66.300	67.681	69.062	70.443	71.824
1/8	48.344	49.088	49.831	50.575	51.319	52.063	52.807	53.550	54.294	55.038	55.781	56.525	57.269	58.013	59.500	60.988	62.475	63.963	65.450	66.938	68.425	69.913	71.400	72.888	74.375	75.863	77.350
1/8	51.797	52.594	53.391	54.188	54.984	55.781	56.578	57.375	58.172	58.969	59.766	60.563	61.360	62.157	63.900	65.643	67.386	69.129	70.872	72.615	74.358	76.101	77.844	79.587	81.330	83.073	84.816
1/8	55.250	56.100	56.950	57.800	58.650	59.500	60.350	61.200	62.050	62.900	63.750	64.600	65.450	66.300	68.000	69.700	71.400	73.100	74.800	76.500	78.200	79.900	81.600	83.300	85.000	86.700	88.400
1/8	58.703	59.606	60.509	61.413	62.316	63.219	64.122	65.025	65.928	66.831	67.734	68.638	69.541	70.444	72.250	74.056	75.863	77.669	79.475	81.281	83.088	84.894	86.700	88.506	90.312	92.118	93.924
1/8	62.156	63.113	64.069	65.025	65.981	66.938	67.894	68.850	69.806	70.763	71.719	72.675	73.631	74.588	76.500	78.413	80.325	82.238	84.150	86.063	87.975	89.888	91.800	93.713	95.625	97.538	99.450

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	12¼	12½	12¾	13	13¼	13½	13¾	14	14¼	14½	14¾	15	15¼	15½	15¾	16	16¼	16½	16¾	17	17¼	17½	17¾	
¾	5.21	5.31	5.42	5.53	5.63	5.74	5.84	5.95	6.06	6.16	6.27	6.38	6.48	6.59	6.69	6.80	6.91	7.01	7.12	7.23	7.33	7.44	7.54	7.64
⅞	6.51	6.64	6.77	6.91	7.04	7.17	7.30	7.44	7.57	7.70	7.84	7.97	8.10	8.23	8.37	8.50	8.63	8.77	8.90	9.03	9.16	9.30	9.43	9.56
1	7.81	7.97	8.13	8.29	8.45	8.61	8.77	8.93	9.08	9.24	9.40	9.56	9.72	9.88	10.04	10.20	10.36	10.52	10.68	10.84	11.00	11.16	11.32	11.48
1¼	9.11	9.30	9.48	9.67	9.85	10.04	10.23	10.41	10.60	10.78	10.97	11.16	11.34	11.53	11.71	11.90	12.09	12.27	12.46	12.64	12.83	13.02	13.20	13.38
1½	10.41	10.63	10.84	11.05	11.26	11.48	11.69	11.90	12.11	12.33	12.54	12.75	12.96	13.18	13.39	13.60	13.81	14.03	14.24	14.45	14.66	14.88	15.09	15.29
1¾	13.02	13.28	13.55	13.81	14.08	14.34	14.61	14.88	15.14	15.41	15.67	15.94	16.20	16.47	16.73	17.00	17.27	17.53	17.80	18.06	18.33	18.59	18.86	19.12
2	15.62	15.94	16.26	16.58	16.89	17.21	17.53	17.85	18.17	18.49	18.81	19.13	19.44	19.76	20.08	20.40	20.72	21.04	21.36	21.68	21.99	22.31	22.63	22.94
2¼	18.22	18.59	18.97	19.34	19.71	20.08	20.45	20.83	21.20	21.57	21.94	22.31	22.68	23.06	23.43	23.80	24.17	24.54	24.92	25.29	25.66	26.03	26.40	26.76
2½	20.83	21.25	21.68	22.10	22.53	22.95	23.38	23.80	24.23	24.65	25.08	25.50	25.93	26.35	26.78	27.20	27.63	28.05	28.48	28.90	29.33	29.75	30.18	30.60
2¾	23.43	23.91	24.38	24.86	25.34	25.82	26.30	26.78	27.25	27.73	28.21	28.69	29.17	29.64	30.12	30.60	31.08	31.56	32.03	32.51	32.99	33.47	33.95	34.42
3	26.03	26.56	27.09	27.63	28.16	28.69	29.22	29.75	30.28	30.81	31.34	31.88	32.41	32.94	33.47	34.00	34.53	35.06	35.59	36.13	36.66	37.19	37.72	38.24
3¼	28.63	29.22	29.80	30.39	30.97	31.56	32.14	32.73	33.31	33.89	34.48	35.06	35.65	36.23	36.82	37.40	37.98	38.57	39.15	39.74	40.32	40.91	41.49	42.07
3½	31.24	31.88	32.51	33.15	33.79	34.43	35.06	35.70	36.34	36.98	37.61	38.25	38.89	39.53	40.16	40.80	41.44	42.08	42.71	43.35	43.99	44.63	45.26	45.89
3¾	33.84	34.53	35.22	35.91	36.60	37.29	37.98	38.68	39.37	40.06	40.75	41.44	42.13	42.82	43.51	44.20	44.89	45.58	46.27	46.96	47.65	48.34	49.03	49.72
4	36.44	37.19	37.93	38.68	39.42	40.16	40.91	41.65	42.39	43.14	43.88	44.63	45.37	46.11	46.86	47.60	48.34	49.09	49.83	50.58	51.32	52.06	52.81	53.55
4¼	39.05	39.84	40.64	41.44	42.23	43.03	43.83	44.63	45.42	46.22	47.02	47.81	48.61	49.41	50.20	51.00	51.80	52.59	53.39	54.19	54.98	55.78	56.58	57.37
4½	41.65	42.50	43.35	44.20	45.05	45.90	46.75	47.60	48.45	49.30	50.15	51.00	51.85	52.70	53.55	54.40	55.25	56.10	56.95	57.80	58.65	59.50	60.35	61.20
4¾	48.86	47.81	48.77	49.73	50.68	51.64	52.59	53.55	54.51	55.46	56.42	57.38	58.33	59.29	60.24	61.20	62.16	63.11	64.07	65.03	65.98	66.94	67.89	68.84
5	52.06	53.13	54.19	55.25	56.31	57.38	58.44	59.50	60.56	61.63	62.69	63.75	64.81	65.88	66.94	68.00	69.06	70.13	71.19	72.25	73.31	74.38	75.44	76.50
5¼	57.27	58.44	59.61	60.78	61.94	63.11	64.28	65.45	66.62	67.79	68.96	70.13	71.29	72.46	73.63	74.80	75.97	77.14	78.31	79.48	80.64	81.81	82.98	84.14
5½	62.48	63.75	65.03	66.30	67.58	68.85	70.13	71.40	72.68	73.95	75.23	76.50	77.78	79.05	80.33	81.60	82.88	84.15	85.43	86.70	87.98	89.25	90.53	91.80
5¾	67.68	69.06	70.44	71.83	73.21	74.59	75.97	77.35	78.73	80.11	81.49	82.88	84.26	85.64	87.02	88.40	89.78	91.16	92.54	93.93	95.31	96.69	98.07	99.44
6	72.89	74.38	75.86	77.35	78.84	80.33	81.81	83.30	84.79	86.28	87.76	89.25	90.74	92.23	93.71	95.20	96.69	98.18	99.66	101.15	102.64	104.13	105.61	107.09
6¼	78.09	79.69	81.28	82.88	84.47	86.06	87.66	89.25	90.84	92.44	94.03	95.63	97.22	98.81	100.41	102.00	103.59	105.18	106.78	108.38	109.97	111.56	113.16	114.74
6½	83.30	85.00	86.70	88.40	90.10	91.80	93.50	95.20	96.90	98.60	100.30	102.00	103.70	105.40	107.10	108.80	110.50	112.20	113.90	115.60	117.30	119.00	120.70	122.40
6¾	88.51	90.31	92.12	93.93	95.73	97.54	99.34	101.15	102.96	104.76	106.57	108.38	110.18	111.99	113.79	115.60	117.41	119.21	121.02	122.83	124.63	126.44	128.24	130.04
7	93.71	95.63	97.54	99.45	101.36	103.28	105.19	107.10	109.01	110.93	112.84	114.75	116.66	118.58	120.49	122.40	124.31	126.23	128.14	130.05	131.96	133.88	135.79	137.69

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness Inches	WIDTH, INCHES																						
	18	18½	18¾	19	19¼	19½	19¾	20	20¼	20½	20¾	21	21¼	21½	21¾	22	22¼	22½	22¾	23	23¼	23½	
¼	7.65	7.76	7.86	7.97	8.08	8.18	8.29	8.39	8.50	8.61	8.71	8.82	8.93	9.03	9.14	9.24	9.35	9.46	9.56	9.67	9.78	9.88	9.99
⅜	9.56	9.70	9.83	9.96	10.09	10.23	10.36	10.49	10.63	10.76	10.89	11.02	11.16	11.29	11.42	11.55	11.69	11.82	11.95	12.09	12.22	12.35	12.48
½	11.48	11.63	11.79	11.95	12.11	12.27	12.43	12.59	12.75	12.91	13.07	13.23	13.39	13.55	13.71	13.87	14.03	14.18	14.34	14.50	14.66	14.82	14.98
⅝	13.39	13.57	13.76	13.95	14.13	14.32	14.50	14.69	14.88	15.06	15.25	15.43	15.62	15.80	15.99	16.18	16.36	16.55	16.73	16.92	17.11	17.29	17.48
¾	15.30	15.51	15.73	15.94	16.15	16.36	16.58	16.79	17.00	17.21	17.43	17.64	17.85	18.06	18.28	18.49	18.70	18.91	19.13	19.34	19.55	19.76	19.98
⅞	19.13	19.39	19.66	19.92	20.19	20.45	20.72	20.98	21.25	21.52	21.78	22.05	22.31	22.58	22.84	23.11	23.38	23.64	23.91	24.17	24.44	24.70	24.97
1	22.95	23.27	23.59	23.91	24.23	24.54	24.86	25.18	25.50	25.82	26.14	26.46	26.78	27.09	27.41	27.73	28.05	28.37	28.69	29.01	29.33	29.64	29.96
1 ⅛	26.78	27.17	27.52	27.89	28.26	28.63	29.01	29.38	29.75	30.12	30.49	30.87	31.24	31.61	31.98	32.35	32.73	33.10	33.47	33.84	34.21	34.58	34.96
1 ¼	30.60	31.03	31.45	31.88	32.30	32.73	33.15	33.58	34.00	34.43	34.85	35.28	35.70	36.13	36.55	36.98	37.40	37.83	38.25	38.68	39.10	39.53	39.95
1 ⅓	34.43	34.90	35.38	35.86	36.34	36.82	37.29	37.77	38.25	38.73	39.21	39.68	40.16	40.64	41.12	41.60	42.08	42.55	43.03	43.51	43.99	44.47	44.94
1 ½	38.25	38.78	39.31	39.84	40.38	40.91	41.44	41.97	42.50	43.03	43.56	44.09	44.63	45.16	45.69	46.22	46.75	47.28	47.81	48.34	48.88	49.41	49.94
1 ⅝	42.08	42.66	43.24	43.83	44.41	45.00	45.58	46.17	46.75	47.33	47.92	48.50	49.09	49.67	50.26	50.84	51.43	52.01	52.59	53.18	53.76	54.35	54.93
1 ¾	45.90	46.54	47.18	47.81	48.45	49.09	49.73	50.36	51.00	51.64	52.28	52.91	53.55	54.19	54.83	55.46	56.10	56.74	57.38	58.01	58.65	59.29	59.93
1 ⅞	49.73	50.42	51.11	51.80	52.49	53.18	53.87	54.56	55.25	55.94	56.63	57.32	58.01	58.70	59.39	60.08	60.78	61.47	62.16	62.85	63.54	64.23	64.92
2	53.55	54.29	55.04	55.78	56.53	57.27	58.01	58.76	59.50	60.24	60.99	61.73	62.48	63.22	63.96	64.71	65.45	66.19	66.94	67.68	68.43	69.17	69.91
2 ⅛	57.38	58.17	58.97	59.77	60.56	61.36	62.16	62.95	63.75	64.55	65.34	66.14	66.94	67.73	68.53	69.33	70.13	70.92	71.72	72.52	73.31	74.11	74.91
2 ¼	61.20	62.05	62.90	63.75	64.60	65.45	66.30	67.15	68.00	68.85	69.70	70.55	71.40	72.25	73.10	73.95	74.80	75.65	76.50	77.35	78.20	79.05	79.90
2 ⅓	68.85	69.81	70.76	71.72	72.68	73.63	74.59	75.54	76.50	77.46	78.41	79.37	80.33	81.28	82.24	83.19	84.15	85.11	86.06	87.02	87.98	88.93	89.89
2 ½	76.50	77.56	78.63	79.69	80.75	81.81	82.88	83.94	85.00	86.06	87.13	88.19	89.25	90.31	91.38	92.44	93.50	94.56	95.63	96.69	97.75	98.81	99.88
2 ⅝	84.15	85.32	86.49	87.66	88.83	89.99	91.16	92.33	93.50	94.67	95.84	97.01	98.18	99.34	100.51	101.68	102.85	104.02	105.19	106.36	107.53	108.69	109.86
2 ¾	91.80	93.08	94.35	95.63	96.90	98.18	99.45	100.73	102.00	103.28	104.55	105.83	107.10	108.38	109.65	110.93	112.20	113.48	114.75	116.03	117.30	118.58	119.85
2 ⅞	99.45	100.83	102.21	103.59	104.98	106.36	107.74	109.12	110.50	111.89	113.26	114.64	116.03	117.41	118.79	120.17	121.55	122.93	124.31	125.69	127.08	128.46	129.84
3	107.10	108.59	110.08	111.56	113.05	114.54	116.03	117.51	119.00	120.49	121.98	123.46	124.95	126.44	127.93	129.41	130.90	132.39	133.88	135.36	136.85	138.34	139.83
3 ⅛	114.75	116.34	117.94	119.53	121.13	122.72	124.31	125.91	127.50	129.09	130.69	132.28	133.88	135.47	137.06	138.65	140.25	141.84	143.43	145.03	146.63	148.22	149.81
3 ¼	122.40	124.10	125.80	127.50	129.20	130.90	132.60	134.30	136.00	137.70	139.40	141.10	142.80	144.50	146.20	147.90	149.60	151.30	153.00	154.70	156.40	158.10	159.80
3 ⅓	130.05	131.86	133.66	135.47	137.28	139.08	140.89	142.69	144.50	146.31	148.11	149.92	151.73	153.53	155.34	157.14	158.95	160.76	162.56	164.37	166.18	167.98	169.79
3 ½	137.70	139.61	141.53	143.44	145.35	147.26	149.18	151.09	153.00	154.91	156.83	158.74	160.65	162.56	164.48	166.39	168.30	170.21	172.13	174.04	175.95	177.86	179.78

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	23 3/4	24	24 1/4	24 1/2	24 3/4	25	25 1/4	25 1/2	25 3/4	26	26 1/4	26 1/2	26 3/4	27	27 1/4	27 1/2	27 3/4	28	28 1/4	28 1/2	28 3/4	29	29 1/4	
10.09	10.20	10.31	10.41	10.52	10.63	10.73	10.84	10.94	11.05	11.16	11.26	11.37	11.48	11.58	11.69	11.79	11.90	12.01	12.11	12.22	12.33	12.43		
12.62	12.75	12.88	13.02	13.15	13.28	13.41	13.55	13.68	13.81	13.95	14.08	14.21	14.34	14.48	14.74	14.88	15.01	15.14	15.27	15.41	15.54	15.67	15.81	16.05
15.14	15.30	15.46	15.62	15.78	15.94	16.10	16.26	16.42	16.58	16.73	16.89	17.05	17.21	17.37	17.53	17.69	17.83	18.01	18.17	18.33	18.49	18.65		
17.66	17.85	18.04	18.22	18.41	18.59	18.78	18.97	19.15	19.34	19.52	19.71	19.90	20.08	20.27	20.45	20.64	20.83	21.01	21.20	21.38	21.57	21.75		
20.19	20.40	20.61	20.83	21.04	21.25	21.46	21.68	21.89	22.10	22.31	22.53	22.74	22.95	23.16	23.38	23.59	23.80	24.01	24.23	24.44	24.65	24.86		
25.23	25.50	25.77	26.03	26.30	26.56	26.83	27.09	27.36	27.63	27.89	28.16	28.42	28.69	28.95	29.22	29.48	29.75	30.02	30.28	30.55	30.81	31.08		
30.28	30.60	30.92	31.24	31.56	31.88	32.19	32.51	32.83	33.15	33.47	33.79	34.11	34.43	34.74	35.06	35.38	35.70	36.02	36.34	36.66	36.98	37.29		
35.33	35.70	36.07	36.44	36.82	37.19	37.56	37.93	38.30	38.68	39.05	39.42	39.79	40.16	40.53	40.91	41.28	41.65	42.02	42.39	42.77	43.14	43.51		
40.30	40.80	41.23	41.65	42.08	42.50	42.93	43.35	43.78	44.20	44.63	45.05	45.48	45.90	46.33	46.75	47.18	47.60	48.03	48.45	48.88	49.30	49.73		
45.42	45.90	46.38	46.86	47.33	47.81	48.29	48.77	49.25	49.73	50.20	50.68	51.16	51.64	52.12	52.59	53.07	53.55	54.03	54.51	54.98	55.46	55.94		
50.47	51.00	51.53	52.06	52.59	53.13	53.66	54.19	54.72	55.25	55.78	56.31	56.84	57.38	57.91	58.44	58.97	59.50	60.03	60.56	61.09	61.63	62.16		
55.52	56.10	56.68	57.27	57.85	58.44	59.02	59.61	60.19	60.78	61.36	61.94	62.53	63.11	63.70	64.28	64.87	65.45	66.03	66.62	67.20	67.79	68.37		
60.56	61.20	61.84	62.48	63.11	63.75	64.39	65.03	65.66	66.30	66.94	67.58	68.21	68.85	69.49	70.13	70.76	71.40	72.04	72.68	73.32	73.96	74.59		
65.61	66.30	66.99	67.68	68.37	69.06	69.75	70.44	71.13	71.83	72.52	73.21	73.90	74.59	75.28	75.97	76.66	77.35	78.04	78.73	79.42	80.11	80.80		
70.66	71.40	72.14	72.89	73.63	74.38	75.12	75.86	76.61	77.35	78.09	78.84	79.58	80.33	81.07	81.81	82.56	83.30	84.04	84.79	85.53	86.28	87.02		
75.70	76.50	77.30	78.09	78.89	79.69	80.48	81.28	82.08	82.88	83.67	84.47	85.27	86.06	86.86	87.66	88.45	89.25	90.05	90.84	91.64	92.44	93.23		
80.75	81.60	82.45	83.30	84.15	85.00	85.85	86.70	87.55	88.40	89.25	90.10	90.95	91.80	92.65	93.50	94.35	95.20	96.05	96.90	97.75	98.60	99.45		
90.84	91.80	92.76	93.71	94.67	95.63	96.58	97.54	98.49	99.45	100.41	101.36	102.32	103.28	104.23	105.19	106.14	107.10	108.06	109.01	109.97	110.93	111.88		
100.94	102.00	103.06	104.13	105.19	106.25	107.31	108.38	109.44	110.50	111.56	112.62	113.69	114.75	115.81	116.88	117.94	119.00	120.06	121.12	122.19	123.25	124.31		
111.03	112.20	113.37	114.54	115.71	116.88	118.04	119.21	120.38	121.55	122.72	123.89	125.06	126.23	127.39	128.56	129.73	130.90	132.07	133.24	134.41	135.58	136.74		
121.13	122.40	123.68	124.95	126.23	127.50	128.78	130.05	131.33	132.60	133.88	135.15	136.43	137.70	138.98	140.25	141.53	142.80	144.08	145.35	146.63	147.90	149.18		
131.22	132.60	133.98	135.36	136.74	138.13	139.51	140.89	142.27	143.65	145.04	146.41	147.79	149.18	150.56	151.94	153.32	154.70	156.08	157.46	158.84	160.23	161.61		
141.31	142.80	144.29	145.78	147.26	148.75	150.24	151.73	153.21	154.70	156.19	157.68	159.16	160.65	162.14	163.63	165.11	166.60	168.09	169.58	171.06	172.55	174.04		
151.41	153.00	154.59	156.19	157.78	159.38	160.97	162.56	164.16	165.75	167.34	168.94	170.53	172.13	173.72	175.31	176.91	178.50	180.09	181.69	183.28	184.88	186.47		
161.50	163.20	164.90	166.60	168.30	170.00	171.70	173.40	175.10	176.80	178.50	180.20	181.90	183.60	185.30	187.00	188.70	190.40	192.10	193.80	195.50	197.20	198.90		
171.59	173.40	175.21	177.01	178.82	180.63	182.43	184.24	186.04	187.85	189.66	191.46	193.27	195.08	196.88	198.69	200.49	202.30	204.11	205.91	207.72	209.53	211.33		
181.69	183.60	185.51	187.43	189.34	191.25	193.16	195.08	196.99	198.90	200.81	202.73	204.64	206.55	208.46	210.38	212.29	214.20	216.11	218.03	219.94	221.85	223.76		

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness, Inches	WIDTH, INCHES																							
	29½	29½	30	30¼	30½	30¾	31	31¼	31½	31¾	32	32¼	32½	32¾	33	33¼	33½	33¾	34	34¼	34½	34¾	35	
1/8	12.54	12.64	12.75	12.86	12.96	13.07	13.18	13.28	13.39	13.49	13.60	13.71	13.81	13.92	14.03	14.13	14.24	14.34	14.45	14.56	14.66	14.77	14.88	14.98
1/8	15.67	15.80	15.94	16.07	16.20	16.34	16.47	16.60	16.73	16.87	17.00	17.13	17.27	17.40	17.53	17.66	17.80	17.93	18.06	18.20	18.33	18.46	18.59	18.72
1/8	18.81	18.97	19.13	19.28	19.44	19.60	19.76	19.92	20.08	20.24	20.40	20.56	20.72	20.88	21.04	21.20	21.36	21.52	21.68	21.83	21.99	22.15	22.31	22.47
1/8	21.94	22.13	22.31	22.50	22.68	22.87	23.06	23.24	23.43	23.61	23.80	23.99	24.17	24.36	24.54	24.73	24.92	25.10	25.29	25.47	25.66	25.85	26.03	
1/4	25.08	25.29	25.50	25.71	25.93	26.14	26.35	26.56	26.78	26.99	27.20	27.41	27.63	27.84	28.05	28.26	28.48	28.69	28.90	29.11	29.33	29.54	29.75	
1/4	31.34	31.61	31.88	32.14	32.41	32.67	32.93	33.20	33.47	33.73	34.00	34.27	34.53	34.80	35.06	35.33	35.59	35.86	36.13	36.39	36.66	36.92	37.19	
1/4	37.61	37.93	38.25	38.57	38.89	39.21	39.53	39.84	40.16	40.48	40.80	41.12	41.44	41.76	42.08	42.39	42.71	43.03	43.35	43.67	43.99	44.31	44.63	
1/4	43.88	44.25	44.63	45.00	45.37	45.74	46.11	46.48	46.86	47.23	47.60	47.97	48.34	48.72	49.09	49.46	49.83	50.20	50.58	50.95	51.32	51.69	52.06	
1/2	50.15	50.58	51.00	51.43	51.85	52.28	52.70	53.13	53.55	53.98	54.40	54.83	55.25	55.68	56.10	56.53	56.95	57.38	57.80	58.23	58.65	59.08	59.50	
1/2	56.42	56.90	57.38	57.85	58.33	58.81	59.29	59.77	60.24	60.72	61.20	61.68	62.16	62.63	63.11	63.59	64.07	64.55	65.03	65.50	65.98	66.46	66.94	
1/2	62.69	63.22	63.75	64.28	64.81	65.34	65.88	66.41	66.94	67.47	68.00	68.53	69.06	69.59	70.13	70.66	71.19	71.72	72.25	72.78	73.31	73.84	74.38	
1/2	68.96	69.54	70.13	70.71	71.29	71.88	72.46	73.05	73.63	74.22	74.80	75.38	75.97	76.55	77.14	77.72	78.31	78.89	79.48	80.06	80.64	81.23	81.81	
3/4	75.23	75.86	76.50	77.14	77.78	78.41	79.05	79.69	80.33	80.96	81.60	82.24	82.88	83.51	84.15	84.79	85.43	86.06	86.70	87.34	87.98	88.61	89.25	
3/4	81.49	82.18	82.88	83.57	84.26	84.95	85.64	86.33	87.02	87.71	88.40	89.09	89.78	90.47	91.16	91.85	92.54	93.23	93.93	94.62	95.31	96.00	96.69	
3/4	87.76	88.51	89.25	89.99	90.74	91.48	92.23	92.97	93.71	94.46	95.20	95.94	96.69	97.43	98.18	98.92	99.66	100.41	101.15	101.89	102.64	103.38	104.13	
3/4	94.03	94.83	95.63	96.42	97.22	98.02	98.81	99.61	100.41	101.20	102.00	102.80	103.59	104.39	105.19	105.98	106.78	107.58	108.38	109.17	109.97	110.77	111.56	
1	100.30	101.15	102.00	102.85	103.70	104.55	105.40	106.25	107.10	107.95	108.80	109.65	110.50	111.35	112.20	113.05	113.90	114.75	115.60	116.45	117.30	118.15	119.00	
1	112.84	113.79	114.75	115.71	116.66	117.62	118.58	119.53	120.49	121.44	122.40	123.36	124.31	125.27	126.23	127.18	128.14	129.09	130.05	131.01	131.96	132.92	133.88	
1	125.38	126.44	127.50	128.56	129.63	130.69	131.75	132.81	133.88	134.94	136.00	137.06	138.13	139.19	140.25	141.31	142.38	143.44	144.50	145.56	146.63	147.69	148.75	
1	137.91	139.08	140.25	141.42	142.59	143.76	144.93	146.09	147.26	148.43	149.60	150.77	151.94	153.11	154.28	155.44	156.61	157.78	158.95	160.12	161.29	162.46	163.63	
1 1/2	150.45	151.73	153.00	154.28	155.55	156.83	158.10	159.38	160.65	161.93	163.20	164.48	165.75	167.03	168.30	169.58	170.85	172.13	173.40	174.68	175.95	177.23	178.50	
1 1/2	162.99	164.37	165.75	167.13	168.51	169.89	171.28	172.66	174.04	175.42	176.80	178.18	179.56	180.94	182.32	183.71	185.09	186.47	187.85	189.23	190.61	191.99	193.38	
1 1/2	175.53	177.01	178.50	179.99	181.48	182.96	184.45	185.94	187.43	188.91	190.40	191.89	193.38	194.86	196.35	197.84	199.33	200.81	202.30	203.79	205.28	206.77	208.25	
1 1/2	188.06	189.66	191.25	192.84	194.44	196.03	197.63	199.22	200.81	202.41	204.00	205.59	207.19	208.78	210.38	211.97	213.56	215.16	216.75	218.34	219.94	221.53	223.13	
2	200.60	202.30	204.00	205.70	207.40	209.10	210.80	212.50	214.20	215.90	217.60	219.30	221.00	222.70	224.40	226.10	227.80	229.50	231.20	232.90	234.60	236.30	238.00	
2 1/2	213.14	214.94	216.75	218.56	220.36	222.17	223.98	225.78	227.59	229.39	231.20	233.01	234.81	236.62	238.43	240.23	242.04	243.84	245.65	247.46	249.26	251.07	252.88	
2 1/2	225.68	227.59	229.50	231.41	233.33	235.24	237.15	239.06	240.98	242.89	244.80	246.71	248.63	250.54	252.45	254.36	256.28	258.19	260.10	262.01	263.93	265.84	267.75	

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	35 1/4	35 1/2	35 3/4	36	36 1/4	36 1/2	36 3/4	37	37 1/4	37 1/2	37 3/4	38	38 1/4	38 1/2	38 3/4	39	39 1/4	39 1/2	39 3/4	40	40 1/4	40 1/2	40 3/4	
1/8	14.98	15.09	15.19	15.30	15.41	15.51	15.62	15.73	15.83	15.94	16.04	16.15	16.26	16.36	16.47	16.58	16.68	16.79	16.89	17.00	17.11	17.21	17.32	17.42
1/4	28.77	28.86	28.95	29.13	29.26	29.39	29.52	29.66	29.79	29.92	30.05	30.18	30.32	30.45	30.59	30.72	30.85	30.98	31.12	31.25	31.38	31.52	31.65	31.78
3/8	42.43	42.63	42.79	43.11	43.27	43.43	43.59	43.75	43.91	44.07	44.23	44.38	44.54	44.70	44.86	45.02	45.18	45.34	45.50	45.66	45.82	45.98	46.14	46.30
1/2	56.22	56.40	56.59	56.78	56.96	57.15	57.33	57.52	57.70	57.89	58.08	58.26	58.45	58.63	58.82	59.01	59.20	59.38	59.56	59.75	59.94	60.12	60.31	60.50
5/8	29.96	30.18	30.39	30.60	30.81	31.03	31.24	31.45	31.66	31.88	32.09	32.30	32.51	32.73	32.94	33.15	33.36	33.58	33.79	34.00	34.21	34.43	34.64	34.85
3/4	37.45	37.72	37.98	38.25	38.52	38.78	39.05	39.31	39.58	39.84	40.11	40.38	40.64	40.91	41.17	41.44	41.70	41.97	42.23	42.50	42.77	43.03	43.30	43.56
7/8	44.94	45.21	45.58	45.90	46.22	46.54	46.86	47.18	47.49	47.81	48.13	48.45	48.77	49.09	49.41	49.73	50.04	50.36	50.68	51.00	51.32	51.64	51.96	52.28
1	52.43	52.81	53.18	53.55	53.92	54.29	54.67	55.04	55.41	55.78	56.15	56.53	56.90	57.27	57.64	58.01	58.38	58.76	59.13	59.50	59.87	60.24	60.62	61.00
1 1/8	59.93	60.35	60.78	61.20	61.63	62.05	62.48	62.90	63.33	63.75	64.18	64.60	65.03	65.45	65.88	66.30	66.73	67.15	67.58	68.00	68.43	68.85	69.28	69.70
1 1/4	67.42	67.89	68.37	68.85	69.33	69.81	70.28	70.76	71.24	71.72	72.20	72.68	73.15	73.63	74.11	74.59	75.07	75.54	76.02	76.50	76.98	77.46	77.93	78.41
1 1/2	74.91	75.44	75.97	76.50	77.03	77.56	78.09	78.63	79.16	79.69	80.22	80.75	81.28	81.81	82.34	82.88	83.41	83.94	84.47	85.00	85.53	86.06	86.59	87.12
1 3/4	82.40	82.98	83.57	84.15	84.73	85.32	85.90	86.49	87.07	87.66	88.24	88.83	89.41	89.99	90.58	91.16	91.75	92.33	92.92	93.50	94.08	94.67	95.25	95.83
1 7/8	89.89	90.53	91.16	91.80	92.44	93.08	93.71	94.35	94.99	95.63	96.26	96.90	97.54	98.18	98.81	99.45	100.09	100.73	101.36	102.00	102.64	103.28	103.91	104.55
2	97.38	98.07	98.76	99.45	100.14	100.83	101.52	102.21	102.90	103.59	104.28	104.98	105.67	106.36	107.05	107.74	108.43	109.12	109.81	110.50	111.19	111.88	112.57	113.26
2 1/4	104.87	105.61	106.36	107.10	107.84	108.59	109.33	110.08	110.82	111.56	112.31	113.05	113.79	114.54	115.28	116.03	116.77	117.51	118.26	119.00	119.74	120.49	121.23	121.97
2 3/4	112.36	113.16	113.95	114.75	115.55	116.34	117.14	117.94	118.73	119.53	120.33	121.13	121.92	122.72	123.52	124.31	125.11	125.91	126.70	127.50	128.30	129.09	129.89	130.68
3	119.85	120.70	121.55	122.40	123.25	124.10	124.95	125.80	126.65	127.50	128.35	129.20	130.05	130.90	131.75	132.60	133.45	134.30	135.15	136.00	136.85	137.70	138.55	139.40
3 1/2	134.83	135.79	136.74	137.70	138.66	139.61	140.57	141.53	142.48	143.44	144.39	145.35	146.31	147.26	148.22	149.18	150.13	151.09	152.04	153.00	153.96	154.91	155.87	156.82
3 3/4	149.81	150.88	151.94	153.00	154.06	155.13	156.19	157.25	158.31	159.38	160.44	161.50	162.56	163.63	164.69	165.75	166.81	167.88	168.94	170.00	171.06	172.13	173.19	174.25
4	164.79	165.96	167.13	168.30	169.47	170.64	171.81	172.98	174.14	175.31	176.48	177.65	178.82	179.99	181.16	182.33	183.49	184.66	185.83	187.00	188.17	189.34	190.51	191.68
4 1/2	179.78	181.05	182.33	183.60	184.88	186.15	187.43	188.70	189.98	191.25	192.53	193.80	195.08	196.35	197.63	198.90	200.18	201.45	202.73	204.00	205.28	206.55	207.83	209.10
4 3/4	194.76	196.14	197.52	198.90	200.28	201.66	203.04	204.43	205.81	207.19	208.57	209.95	211.33	212.71	214.09	215.48	216.86	218.24	219.62	221.00	222.38	223.76	225.14	226.52
5	209.74	211.23	212.71	214.20	215.69	217.18	218.66	220.15	221.64	223.13	224.62	226.10	227.59	229.08	230.56	232.05	233.54	235.03	236.51	238.00	239.49	240.98	242.46	243.95
5 1/2	224.72	226.31	227.91	229.50	231.09	232.69	234.28	235.88	237.47	239.06	240.66	242.25	243.84	245.44	247.03	248.63	250.22	251.81	253.41	255.00	256.59	258.19	259.78	261.37
6	239.70	241.40	243.10	244.80	246.50	248.20	249.90	251.60	253.30	255.00	256.70	258.40	260.10	261.80	263.50	265.20	266.90	268.60	270.30	272.00	273.70	275.40	277.10	278.80
6 1/2	254.68	256.49	258.29	260.10	261.91	263.71	265.52	267.33	269.13	270.94	272.74	274.55	276.36	278.17	279.97	281.78	283.58	285.39	287.19	289.00	290.81	292.61	294.42	296.22
6 3/4	269.66	271.58	273.49	275.40	277.31	279.23	281.14	283.05	284.96	286.88	288.79	290.70	292.61	294.53	296.44	298.35	300.26	302.16	304.09	306.00	307.91	309.83	311.74	313.65

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness, Inches	WIDTH, INCHES																				
	41	41 1/4	41 1/2	42	42 1/4	42 1/2	43	43 1/4	43 1/2	44	44 1/4	44 1/2	45	45 1/4	45 1/2	46	46 1/4	46 1/2			
1/8	17.43	17.53	17.64	17.74	17.85	17.96	18.06	18.38	18.49	18.59	18.70	18.81	19.02	19.13	19.23	19.34	19.44	19.55	19.66	19.76	
1/4	21.78	21.91	22.05	22.18	22.31	22.45	22.58	22.98	23.11	23.24	23.38	23.51	23.77	23.91	24.04	24.17	24.30	24.44	24.57	24.70	
3/8	26.14	26.30	26.46	26.62	26.78	26.93	27.09	27.57	27.73	27.89	28.05	28.21	28.37	28.69	28.85	29.01	29.17	29.33	29.48	29.64	
1/2	30.49	30.68	30.87	31.05	31.24	31.42	31.61	31.98	32.17	32.35	32.54	32.73	32.91	33.10	33.28	33.47	33.65	33.84	34.03	34.21	34.38
5/8	34.85	35.06	35.28	35.49	35.70	35.91	36.13	36.59	36.76	36.93	37.19	37.40	37.61	37.83	38.04	38.25	38.46	38.68	38.89	39.11	39.33
3/4	43.56	43.83	44.09	44.36	44.63	44.89	45.16	45.62	45.89	46.16	46.42	46.75	47.02	47.55	47.81	48.08	48.34	48.61	48.88	49.14	49.41
7/8	52.28	52.59	52.91	53.23	53.55	53.87	54.19	54.51	54.83	55.14	55.46	55.78	56.10	56.42	56.74	57.06	57.38	57.69	58.01	58.33	58.65
1	60.99	61.36	61.73	62.10	62.48	62.85	63.22	63.59	63.96	64.33	64.71	65.08	65.45	65.82	66.19	66.57	66.94	67.31	67.68	68.05	68.43
1 1/8	69.70	70.13	70.55	70.98	71.40	71.83	72.25	72.68	73.10	73.53	73.95	74.38	74.80	75.23	75.65	76.08	76.50	76.93	77.35	77.78	78.20
1 1/4	78.41	78.89	79.37	79.85	80.33	80.80	81.28	81.76	82.24	82.72	83.19	83.67	84.15	84.63	85.11	85.58	86.06	86.54	87.02	87.50	87.98
1 1/2	87.13	87.66	88.19	88.72	89.25	89.78	90.31	90.84	91.38	91.91	92.44	92.97	93.50	94.03	94.56	95.09	95.63	96.16	96.69	97.22	97.75
1 3/4	95.84	96.42	97.01	97.59	98.18	98.76	99.34	99.93	100.51	101.10	101.68	102.27	102.85	103.43	104.02	104.60	105.19	105.77	106.36	106.94	107.53
2	104.55	105.19	105.83	106.46	107.10	107.74	108.38	109.01	109.65	110.28	110.93	111.56	112.20	112.84	113.48	114.11	114.75	115.39	116.03	116.66	117.30
2 1/4	113.26	113.95	114.64	115.33	116.03	116.72	117.41	118.10	118.79	119.48	120.17	120.86	121.55	122.24	122.93	123.62	124.31	125.00	125.69	126.38	127.07
2 1/2	121.98	122.72	123.46	124.21	124.95	125.69	126.44	127.18	127.93	128.67	129.41	130.16	130.90	131.64	132.39	133.13	133.88	134.62	135.36	136.11	136.85
2 3/4	130.69	131.48	132.28	133.08	133.88	134.67	135.47	136.27	137.06	137.86	138.65	139.45	140.25	141.05	141.84	142.64	143.44	144.23	145.03	145.83	146.63
3	139.40	140.25	141.10	141.95	142.80	143.65	144.50	145.35	146.20	147.05	147.90	148.75	149.60	150.45	151.30	152.15	153.00	153.85	154.70	155.55	
1 1/8	156.83	157.78	158.74	159.69	160.65	161.61	162.56	163.52	164.48	165.43	166.39	167.34	168.30	169.26	170.21	171.17	172.13	173.08	174.04	174.99	175.95
1 1/4	174.25	175.31	176.38	177.44	178.50	179.56	180.63	181.69	182.75	183.81	184.88	185.94	187.00	188.06	189.13	190.19	191.25	192.31	193.38	194.44	195.50
1 1/2	191.68	192.84	194.01	195.18	196.35	197.52	198.69	199.86	201.03	202.20	203.36	204.53	205.70	206.87	208.04	209.21	210.38	211.54	212.71	213.88	215.05
1 3/4	209.10	210.38	211.65	212.93	214.20	215.48	216.75	218.03	219.30	220.58	221.85	223.13	224.40	225.68	226.95	228.23	229.50	230.78	232.05	233.33	234.60
2	226.53	227.91	229.29	230.67	232.05	233.43	234.81	236.19	237.58	238.96	240.34	241.72	243.10	244.48	245.86	247.24	248.63	250.01	251.39	252.77	254.15
2 1/4	243.95	245.44	246.93	248.41	249.90	251.39	252.88	254.36	255.85	257.34	258.83	260.31	261.80	263.29	264.78	266.26	267.75	269.24	270.73	272.21	273.70
2 1/2	261.38	262.97	264.56	266.15	267.75	269.34	270.94	272.53	274.13	275.72	277.31	278.91	280.50	282.09	283.69	285.28	286.88	288.47	290.06	291.66	293.25
2 3/4	278.80	280.50	282.20	283.90	285.60	287.30	289.00	290.70	292.40	294.10	295.80	297.50	299.20	300.90	302.60	304.30	306.00	307.70	309.40	311.10	312.80
3	296.23	298.03	299.84	301.64	303.45	305.26	307.06	308.87	310.68	312.48	314.29	316.09	317.90	319.71	321.51	323.32	325.13	326.93	328.74	330.54	332.35
3 1/4	313.65	315.56	317.48	319.39	321.30	323.21	325.13	327.04	328.95	330.86	332.78	334.69	336.60	338.51	340.43	342.34	344.25	346.16	348.08	349.99	351.90

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	46%	47	47 1/4	47 1/2	47%	48	48 1/4	48 1/2	48%	49	49 1/4	49 1/2	49%	50	50 1/4	50 1/2	50%	51	51 1/4	51 1/2	51%	52	52 1/2	
1/8	19.87	19.98	20.08	20.19	20.29	20.40	20.51	20.61	20.72	20.83	20.93	21.04	21.14	21.25	21.36	21.46	21.57	21.68	21.78	21.89	21.99	22.10	22.21	22.31
3/16	24.84	24.97	25.10	25.23	25.37	25.50	25.63	25.77	25.90	26.03	26.16	26.30	26.43	26.56	26.70	26.83	26.96	27.09	27.23	27.36	27.49	27.63	27.76	27.89
1/4	29.80	29.96	30.12	30.28	30.44	30.60	30.76	30.92	31.08	31.24	31.40	31.56	31.72	31.88	32.03	32.19	32.35	32.51	32.67	32.83	32.99	33.15	33.31	33.47
5/16	34.77	34.96	35.14	35.33	35.51	35.70	35.89	36.07	36.26	36.44	36.63	36.82	37.00	37.19	37.37	37.56	37.75	37.93	38.12	38.30	38.49	38.68	38.86	39.04
3/8	39.74	39.95	40.16	40.38	40.59	40.80	41.01	41.23	41.44	41.65	41.86	42.08	42.29	42.50	42.71	42.93	43.14	43.35	43.56	43.78	43.99	44.20	44.41	44.62
7/16	49.67	49.93	50.20	50.47	50.73	51.00	51.27	51.53	51.80	52.06	52.33	52.59	52.86	53.13	53.39	53.66	53.92	54.19	54.45	54.72	54.98	55.25	55.52	55.79
1/2	59.61	59.93	60.24	60.56	60.88	61.20	61.52	61.84	62.16	62.48	62.79	63.11	63.43	63.75	64.07	64.39	64.71	65.03	65.34	65.66	65.98	66.30	66.62	66.94
5/8	69.54	69.91	70.28	70.66	71.03	71.40	71.77	72.14	72.52	72.89	73.26	73.63	74.00	74.38	74.75	75.12	75.49	75.86	76.23	76.61	76.98	77.35	77.72	78.09
3/4	79.48	79.90	80.33	80.75	81.18	81.60	82.03	82.46	82.88	83.30	83.73	84.15	84.58	85.00	85.43	85.85	86.28	86.70	87.13	87.55	87.98	88.40	88.83	89.25
7/8	89.41	89.89	90.37	90.84	91.32	91.80	92.28	92.76	93.23	93.71	94.19	94.67	95.15	95.63	96.10	96.58	97.06	97.54	98.02	98.49	98.97	99.45	99.93	100.41
1	99.34	99.88	100.41	100.94	101.47	102.00	102.53	103.06	103.59	104.13	104.66	105.19	105.72	106.25	106.78	107.31	107.84	108.37	108.91	109.44	109.97	110.50	111.03	111.56
1 1/8	109.28	109.86	110.45	111.03	111.62	112.20	112.78	113.37	113.95	114.54	115.12	115.71	116.29	116.88	117.46	118.04	118.63	119.21	119.80	120.38	120.97	121.55	122.13	122.72
1 1/4	119.21	119.85	120.49	121.13	121.76	122.40	123.04	123.68	124.31	124.95	125.59	126.23	126.86	127.50	128.14	128.78	129.41	130.05	130.69	131.33	131.96	132.60	133.24	133.88
1 1/2	129.15	129.84	130.53	131.22	131.91	132.60	133.29	133.98	134.67	135.36	136.05	136.74	137.43	138.12	138.82	139.51	140.20	140.89	141.58	142.27	142.96	143.65	144.34	145.03
1 3/4	139.08	139.83	140.57	141.31	142.06	142.80	143.54	144.29	145.03	145.78	146.52	147.26	148.01	148.75	149.49	150.24	150.98	151.73	152.47	153.21	153.95	154.70	155.44	156.18
1 5/8	149.02	149.81	150.61	151.41	152.20	153.00	153.80	154.59	155.39	156.19	156.98	157.78	158.58	159.38	160.17	160.97	161.77	162.56	163.36	164.16	164.95	165.75	166.55	167.34
1 7/8	158.95	159.80	160.65	161.50	162.35	163.20	164.05	164.90	165.75	166.60	167.45	168.30	169.15	170.00	170.85	171.70	172.55	173.40	174.25	175.10	175.95	176.80	177.65	178.50
2	178.82	179.78	180.73	181.69	182.64	183.60	184.56	185.51	186.47	187.43	188.38	189.34	190.29	191.25	192.21	193.16	194.12	195.08	196.03	196.99	197.94	198.90	199.86	200.81
2 1/8	198.69	199.75	200.81	201.88	202.94	204.00	205.06	206.13	207.19	208.25	209.31	210.38	211.44	212.50	213.56	214.63	215.69	216.75	217.81	218.88	219.94	221.00	222.06	223.12
2 1/4	218.56	219.73	220.89	222.06	223.23	224.40	225.57	226.74	227.91	229.08	230.24	231.41	232.58	233.75	234.92	236.09	237.26	238.43	239.59	240.76	241.93	243.10	244.27	245.44
2 3/8	238.43	239.70	241.08	242.45	243.83	245.20	246.58	247.95	249.33	250.70	252.08	253.45	254.83	256.20	257.58	258.95	260.33	261.70	263.08	264.45	265.83	267.20	268.58	270.00
2 1/2	258.29	259.68	261.06	262.44	263.83	265.20	266.58	267.96	269.34	270.73	272.11	273.49	274.87	276.25	277.63	279.01	280.39	281.78	283.16	284.54	285.93	287.30	288.68	290.06
2 3/4	278.16	279.65	281.14	282.63	284.11	285.60	287.09	288.58	290.06	291.55	293.04	294.53	296.01	297.50	298.99	300.48	301.96	303.45	304.94	306.43	307.91	309.40	310.89	312.38
2 7/8	298.03	299.63	301.22	302.81	304.41	306.00	307.59	309.19	310.78	312.38	313.97	315.56	317.16	318.75	320.34	321.94	323.53	325.13	326.72	328.31	329.91	331.50	333.09	334.68
3	317.90	319.60	321.30	323.00	324.70	326.40	328.10	329.80	331.50	333.20	334.90	336.60	338.30	340.00	341.70	343.40	345.10	346.80	348.50	350.20	351.90	353.60	355.30	357.00
3 1/8	337.77	339.58	341.38	343.19	344.99	346.80	348.61	350.41	352.22	354.03	355.83	357.64	359.44	361.25	363.06	364.86	366.67	368.48	370.28	372.09	373.89	375.70	377.51	379.31
3 1/4	357.64	359.55	361.46	363.38	365.29	367.20	369.11	371.01	372.92	374.83	376.74	378.65	380.56	382.47	384.38	386.29	388.20	390.11	392.02	393.93	395.84	397.75	399.66	401.57

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness, Inches	WIDTH, INCHES																							
	52½	52¾	53	53¼	53½	53¾	54	54¼	54½	54¾	55	55¼	55½	55¾	56	56¼	56½	56¾	57	57¼	57½	57¾	58	
1/8	22.31	22.42	22.53	22.63	22.74	22.84	22.95	23.06	23.16	23.27	23.38	23.48	23.59	23.69	23.80	23.91	24.01	24.12	24.23	24.33	24.44	24.54	24.65	24.65
3/8	27.89	28.02	28.16	28.29	28.42	28.55	28.69	28.82	28.95	29.09	29.22	29.35	29.48	29.62	29.75	29.88	30.02	30.15	30.28	30.41	30.55	30.68	30.81	30.81
1/2	33.47	33.63	33.79	33.95	34.11	34.27	34.43	34.58	34.74	34.90	35.06	35.22	35.38	35.54	35.70	35.86	36.02	36.18	36.34	36.50	36.66	36.82	36.98	36.98
3/4	39.05	39.23	39.42	39.60	39.79	39.98	40.16	40.35	40.53	40.72	40.91	41.09	41.28	41.46	41.65	41.84	42.02	42.21	42.39	42.58	42.77	42.95	43.14	43.14
1	44.63	44.84	45.05	45.26	45.48	45.69	45.90	46.11	46.33	46.54	46.75	46.96	47.18	47.39	47.61	47.81	48.03	48.24	48.45	48.66	48.88	49.09	49.30	49.30
1 1/8	55.78	56.05	56.31	56.58	56.84	57.11	57.38	57.64	57.91	58.17	58.44	58.70	58.97	59.23	59.50	59.77	60.03	60.30	60.56	60.83	61.09	61.36	61.63	61.63
1 1/4	66.94	67.26	67.58	67.89	68.21	68.53	68.85	69.17	69.49	69.81	70.13	70.44	70.76	71.08	71.40	71.72	72.04	72.36	72.68	72.99	73.31	73.63	73.95	73.95
1 1/2	78.09	78.47	78.84	79.21	79.58	79.95	80.33	80.70	81.07	81.44	81.81	82.18	82.56	82.93	83.30	83.67	84.04	84.42	84.79	85.16	85.53	85.90	86.28	86.28
1 3/4	89.25	89.68	90.10	90.53	90.95	91.38	91.80	92.23	92.65	93.08	93.50	93.93	94.35	94.78	95.20	95.63	96.05	96.48	96.90	97.33	97.75	98.18	98.60	98.60
2	100.41	100.88	101.36	101.84	102.32	102.80	103.28	103.75	104.23	104.71	105.19	105.67	106.14	106.62	107.10	107.58	108.06	108.53	109.01	109.49	109.97	110.45	110.93	110.93
2 1/8	111.56	112.09	112.63	113.16	113.69	114.22	114.75	115.28	115.81	116.34	116.88	117.41	117.94	118.47	119.00	119.53	120.06	120.59	121.13	121.66	122.19	122.72	123.25	123.25
2 1/4	122.72	123.30	123.89	124.47	125.06	125.64	126.23	126.81	127.39	127.98	128.56	129.15	129.73	130.32	130.90	131.48	132.07	132.65	133.24	133.82	134.41	134.99	135.58	135.58
2 3/4	133.88	134.51	135.15	135.79	136.43	137.06	137.70	138.34	138.98	139.61	140.25	140.89	141.53	142.16	142.80	143.44	144.08	144.71	145.35	145.99	146.63	147.26	147.90	147.90
3	145.03	145.72	146.41	147.10	147.79	148.48	149.18	149.87	150.56	151.25	151.94	152.63	153.32	154.01	154.70	155.39	156.08	156.77	157.46	158.15	158.84	159.53	160.23	160.23
3 1/8	156.19	156.93	157.68	158.42	159.16	159.91	160.65	161.39	162.14	162.88	163.63	164.37	165.11	165.86	166.60	167.34	168.09	168.83	169.58	170.32	171.06	171.81	172.55	172.55
3 1/4	167.34	168.14	168.94	169.73	170.53	171.33	172.13	172.92	173.72	174.52	175.31	176.11	176.91	177.70	178.50	179.30	180.09	180.89	181.69	182.48	183.28	184.08	184.88	184.88
3 1/2	178.50	179.35	180.20	181.05	181.90	182.75	183.60	184.45	185.30	186.15	187.00	187.85	188.70	189.55	190.40	191.25	192.10	192.95	193.80	194.65	195.50	196.35	197.20	197.20
3 3/4	200.81	201.77	202.73	203.68	204.64	205.59	206.55	207.51	208.46	209.42	210.38	211.33	212.29	213.24	214.20	215.16	216.11	217.07	218.03	218.98	219.94	220.89	221.85	221.85
4	223.13	224.19	225.25	226.31	227.38	228.44	229.50	230.56	231.63	232.69	233.75	234.81	235.88	236.94	238.00	239.06	240.13	241.19	242.25	243.31	244.38	245.44	246.50	246.50
4 1/8	245.44	246.61	247.78	248.94	250.11	251.28	252.45	253.62	254.79	255.96	257.13	258.29	259.46	260.63	261.80	262.97	264.14	265.31	266.48	267.64	268.81	269.98	271.15	271.15
4 1/4	267.75	269.03	270.30	271.58	272.85	274.13	275.40	276.68	277.95	279.23	280.50	281.78	283.05	284.33	285.60	286.88	288.15	289.43	290.70	291.98	293.25	294.53	296.80	296.80
4 1/2	290.06	291.44	292.83	294.21	295.59	296.97	298.35	299.73	301.11	302.49	303.88	305.26	306.64	308.02	309.40	310.78	312.16	313.54	314.93	316.31	317.69	319.07	320.45	320.45
4 3/4	312.38	313.86	315.35	316.84	318.33	319.81	321.30	322.79	324.28	325.76	327.25	328.74	330.23	331.71	333.20	334.69	336.18	337.67	339.15	340.64	342.13	343.61	345.10	345.10
5	334.69	336.28	337.88	339.47	341.06	342.66	344.25	345.84	347.44	349.03	350.63	352.22	353.81	355.41	357.00	358.59	360.19	361.78	363.38	364.97	366.56	368.16	369.75	369.75
5 1/8	357.00	358.70	360.40	362.10	363.80	365.50	367.20	368.90	370.60	372.30	374.00	375.70	377.40	379.10	380.80	382.50	384.20	385.90	387.60	389.30	391.00	392.70	394.40	394.40
5 1/4	379.31	381.12	382.93	384.73	386.54	388.34	390.15	391.96	393.76	395.57	397.38	399.18	400.99	402.79	404.60	406.41	408.21	410.02	411.83	413.63	415.44	417.24	419.05	419.05
5 1/2	401.63	403.54	405.45	407.36	409.28	411.19	413.10	415.01	416.93	418.84	420.75	422.66	424.58	426.49	428.40	430.31	432.23	434.14	436.05	437.96	439.88	441.79	443.70	443.70

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness Inches	WIDTH, INCHES																						
	58½	58	58¼	59	59½	59¾	60	60¼	60½	60¾	61	61¼	61½	61¾	62	62¼	62½	62¾	63	63¼	63½	63¾	
¼	24.76	24.86	24.97	25.08	25.18	25.29	25.39	25.50	25.61	25.71	25.82	25.93	26.03	26.14	26.24	26.35	26.46	26.56	26.67	26.78	26.88	26.99	27.09
⅜	30.95	31.08	31.21	31.34	31.48	31.61	31.74	31.88	32.01	32.14	32.27	32.41	32.54	32.67	32.80	32.93	33.07	33.20	33.34	33.47	33.60	33.73	33.87
½	37.13	37.29	37.45	37.61	37.77	37.93	38.09	38.25	38.41	38.57	38.73	38.89	39.05	39.21	39.37	39.53	39.68	39.84	40.00	40.16	40.32	40.48	40.64
⅝	43.32	43.51	43.70	43.88	44.07	44.25	44.44	44.63	44.81	45.00	45.18	45.37	45.55	45.74	45.93	46.11	46.30	46.48	46.67	46.86	47.04	47.23	47.41
¾	49.51	49.73	49.94	50.15	50.36	50.58	50.79	51.00	51.21	51.43	51.64	51.85	52.06	52.28	52.49	52.70	52.91	53.13	53.34	53.55	53.76	53.98	54.19
⅞	61.89	62.16	62.42	62.69	62.95	63.22	63.48	63.75	64.02	64.28	64.55	64.81	65.08	65.34	65.61	65.88	66.14	66.41	66.67	66.94	67.20	67.47	67.73
1	74.27	74.59	74.91	75.23	75.54	75.86	76.18	76.50	76.82	77.14	77.46	77.78	78.09	78.41	78.73	79.05	79.37	79.69	80.01	80.33	80.64	80.96	81.28
1 ⅛	85.65	87.02	87.39	87.76	88.13	88.51	88.88	89.25	89.62	89.99	90.37	90.74	91.11	91.48	91.85	92.23	92.60	92.97	93.34	93.71	94.08	94.46	94.83
1 ¼	99.03	99.45	99.88	100.30	100.73	101.15	101.58	102.00	102.43	102.85	103.28	103.70	104.13	104.55	104.98	105.40	105.83	106.25	106.68	107.10	107.53	107.95	108.38
1 ⅜	111.40	111.88	112.36	112.84	113.32	113.79	114.27	114.75	115.23	115.71	116.18	116.66	117.14	117.62	118.10	118.58	119.06	119.53	120.01	120.49	120.97	121.44	121.92
1 ½	123.78	124.31	124.84	125.38	125.91	126.44	126.97	127.50	128.03	128.56	129.09	129.63	130.16	130.69	131.22	131.75	132.28	132.81	133.34	133.88	134.41	134.94	135.47
1 ⅝	136.16	136.74	137.33	137.91	138.50	139.08	139.67	140.25	140.83	141.42	142.00	142.59	143.17	143.76	144.34	144.93	145.51	146.09	146.68	147.26	147.85	148.43	149.02
1 ¾	148.54	149.18	149.81	150.45	151.09	151.73	152.36	153.00	153.64	154.28	154.91	155.55	156.19	156.83	157.46	158.10	158.74	159.38	160.01	160.65	161.29	161.93	162.56
1 ⅞	160.92	161.61	162.30	162.99	163.68	164.37	165.06	165.75	166.44	167.13	167.82	168.51	169.20	169.89	170.58	171.28	171.97	172.66	173.35	174.04	174.73	175.42	176.11
2	173.29	174.04	174.78	175.53	176.27	177.01	177.76	178.50	179.24	179.99	180.73	181.48	182.22	182.96	183.71	184.45	185.19	185.94	186.68	187.43	188.17	188.91	189.66
2 ⅛	185.67	186.47	187.27	188.06	188.86	189.66	190.45	191.25	192.04	192.84	193.64	194.44	195.23	196.03	196.83	197.63	198.42	199.22	200.02	200.81	201.61	202.41	203.21
2 ¼	198.05	198.90	199.75	200.60	201.45	202.30	203.15	204.00	204.85	205.70	206.55	207.40	208.25	209.10	209.95	210.80	211.65	212.50	213.35	214.20	215.05	215.90	216.75
2 ⅜	222.81	223.76	224.72	225.68	226.63	227.59	228.54	229.50	230.46	231.41	232.37	233.33	234.28	235.24	236.19	237.15	238.11	239.06	240.02	240.98	241.93	242.89	243.84
2 ½	247.56	248.63	249.69	250.75	251.81	252.88	253.94	255.00	256.06	257.13	258.19	259.25	260.31	261.38	262.44	263.50	264.56	265.63	266.69	267.75	268.81	269.88	270.94
2 ⅝	272.32	273.49	274.66	275.83	276.99	278.16	279.33	280.50	281.67	282.84	284.01	285.18	286.34	287.51	288.68	289.85	291.02	292.19	293.36	294.53	295.69	296.86	298.03
2 ¾	297.08	298.35	299.62	300.89	302.16	303.43	304.70	306.00	307.28	308.55	309.83	311.10	312.38	313.65	314.93	316.20	317.48	318.75	320.03	321.30	322.58	323.85	325.13
2 ⅞	321.83	323.21	324.59	326.00	327.36	328.74	330.12	331.50	332.88	334.26	335.64	337.01	338.39	339.77	341.15	342.53	343.91	345.29	346.67	348.05	349.43	350.84	352.22
3	346.59	348.08	349.56	351.05	352.54	354.03	355.51	357.00	358.49	359.98	361.46	362.95	364.44	365.93	367.41	368.90	370.39	371.88	373.36	374.85	376.34	377.83	379.31
3 ⅛	371.34	372.94	374.53	376.13	377.72	379.31	380.91	382.50	384.09	385.69	387.28	388.88	390.47	392.06	393.66	395.25	396.84	398.44	400.03	401.63	403.22	404.81	406.41
3 ¼	396.10	397.80	399.50	401.20	402.90	404.60	406.30	408.00	409.70	411.40	413.10	414.80	416.50	418.20	419.90	421.60	423.30	425.00	426.70	428.40	430.10	431.80	433.50
3 ⅜	420.86	422.66	424.47	426.28	428.08	429.89	431.69	433.50	435.31	437.11	438.92	440.73	442.53	444.34	446.14	447.95	449.76	451.56	453.37	455.18	456.98	458.79	460.59
3 ½	445.61	447.53	449.44	451.35	453.26	455.18	457.09	459.00	460.91	462.83	464.74	466.65	468.56	470.48	472.39	474.30	476.21	478.13	480.04	481.95	483.86	485.78	487.69

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV—Continued

Thickness Inches	WIDTH, INCHES																												
	64	64½	64¾	65	65¼	65½	65¾	66	66¼	66½	66¾	67	67¼	67½	67¾	68	68¼	68½	68¾	69	69¼	69½	69¾	70					
1/8	27.20	27.31	27.41	27.52	27.63	27.73	27.84	27.94	28.05	28.16	28.26	28.37	28.48	28.58	28.69	28.79	28.90	29.01	29.11	29.22	29.33	29.43	29.54	29.64	29.74	29.84			
3/16	34.00	34.13	34.27	34.40	34.53	34.66	34.80	34.93	35.06	35.20	35.33	35.46	35.59	35.73	35.86	35.99	36.13	36.26	36.39	36.52	36.66	36.79	36.92	37.05	37.18	37.31	37.44		
1/4	40.80	40.96	41.12	41.28	41.44	41.60	41.76	41.92	42.08	42.23	42.39	42.55	42.71	42.87	43.03	43.19	43.35	43.51	43.67	43.83	43.99	44.15	44.31	44.47	44.63	44.79	44.95		
5/16	47.60	47.79	47.97	48.16	48.34	48.53	48.72	48.90	49.09	49.27	49.46	49.65	49.83	50.02	50.20	50.39	50.58	50.76	50.95	51.13	51.32	51.50	51.69	51.87	52.06	52.24	52.43		
3/8	54.40	54.61	54.83	55.04	55.25	55.46	55.68	55.89	56.10	56.31	56.53	56.74	56.95	57.16	57.38	57.59	57.80	58.01	58.23	58.44	58.65	58.86	59.08	59.29	59.50	59.71	59.92		
7/16	61.60	61.82	62.04	62.26	62.48	62.70	62.92	63.14	63.36	63.58	63.80	64.02	64.24	64.46	64.68	64.90	65.12	65.34	65.56	65.78	66.00	66.22	66.44	66.66	66.88	67.10	67.32	67.54	
1/2	68.80	69.03	69.26	69.49	69.72	69.95	70.18	70.41	70.64	70.87	71.10	71.33	71.56	71.79	72.02	72.25	72.48	72.71	72.94	73.17	73.40	73.63	73.86	74.09	74.32	74.55	74.78	75.01	
5/8	76.00	76.24	76.48	76.72	76.96	77.20	77.44	77.68	77.92	78.16	78.40	78.64	78.88	79.12	79.36	79.60	79.84	80.08	80.32	80.56	80.80	81.04	81.28	81.52	81.76	82.00	82.24	82.48	
3/4	83.20	83.45	83.70	83.95	84.20	84.45	84.70	84.95	85.20	85.45	85.70	85.95	86.20	86.45	86.70	86.95	87.20	87.45	87.70	87.95	88.20	88.45	88.70	88.95	89.20	89.45	89.70	89.95	
7/8	90.40	90.66	90.92	91.18	91.44	91.70	91.96	92.22	92.48	92.74	93.00	93.26	93.52	93.78	94.04	94.30	94.56	94.82	95.08	95.34	95.60	95.86	96.12	96.38	96.64	96.90	97.16	97.42	
1	97.60	97.87	98.14	98.41	98.68	98.95	99.22	99.49	99.76	100.03	100.30	100.57	100.84	101.11	101.38	101.65	101.92	102.19	102.46	102.73	103.00	103.27	103.54	103.81	104.08	104.35	104.62	104.89	
1 1/8	104.80	105.07	105.34	105.61	105.88	106.15	106.42	106.69	106.96	107.23	107.50	107.77	108.04	108.31	108.58	108.85	109.12	109.39	109.66	109.93	110.20	110.47	110.74	111.01	111.28	111.55	111.82	112.09	
1 1/4	112.00	112.28	112.56	112.84	113.12	113.40	113.68	113.96	114.24	114.52	114.80	115.08	115.36	115.64	115.92	116.20	116.48	116.76	117.04	117.32	117.60	117.88	118.16	118.44	118.72	119.00	119.28	119.56	119.84
1 1/2	118.40	118.68	118.96	119.24	119.52	119.80	120.08	120.36	120.64	120.92	121.20	121.48	121.76	122.04	122.32	122.60	122.88	123.16	123.44	123.72	124.00	124.28	124.56	124.84	125.12	125.40	125.68	125.96	126.24
1 3/4	124.00	124.28	124.56	124.84	125.12	125.40	125.68	125.96	126.24	126.52	126.80	127.08	127.36	127.64	127.92	128.20	128.48	128.76	129.04	129.32	129.60	129.88	130.16	130.44	130.72	131.00	131.28	131.56	131.84
1 7/8	132.00	132.28	132.56	132.84	133.12	133.40	133.68	133.96	134.24	134.52	134.80	135.08	135.36	135.64	135.92	136.20	136.48	136.76	137.04	137.32	137.60	137.88	138.16	138.44	138.72	139.00	139.28	139.56	139.84
2	140.00	140.28	140.56	140.84	141.12	141.40	141.68	141.96	142.24	142.52	142.80	143.08	143.36	143.64	143.92	144.20	144.48	144.76	145.04	145.32	145.60	145.88	146.16	146.44	146.72	147.00	147.28	147.56	147.84
2 1/8	144.00	144.28	144.56	144.84	145.12	145.40	145.68	145.96	146.24	146.52	146.80	147.08	147.36	147.64	147.92	148.20	148.48	148.76	149.04	149.32	149.60	149.88	150.16	150.44	150.72	151.00	151.28	151.56	151.84
2 1/4	148.00	148.28	148.56	148.84	149.12	149.40	149.68	149.96	150.24	150.52	150.80	151.08	151.36	151.64	151.92	152.20	152.48	152.76	153.04	153.32	153.60	153.88	154.16	154.44	154.72	155.00	155.28	155.56	155.84
2 3/8	152.00	152.28	152.56	152.84	153.12	153.40	153.68	153.96	154.24	154.52	154.80	155.08	155.36	155.64	155.92	156.20	156.48	156.76	157.04	157.32	157.60	157.88	158.16	158.44	158.72	159.00	159.28	159.56	159.84
2 1/2	156.00	156.28	156.56	156.84	157.12	157.40	157.68	157.96	158.24	158.52	158.80	159.08	159.36	159.64	159.92	160.20	160.48	160.76	161.04	161.32	161.60	161.88	162.16	162.44	162.72	163.00	163.28	163.56	163.84
2 5/8	160.00	160.28	160.56	160.84	161.12	161.40	161.68	161.96	162.24	162.52	162.80	163.08	163.36	163.64	163.92	164.20	164.48	164.76	165.04	165.32	165.60	165.88	166.16	166.44	166.72	167.00	167.28	167.56	167.84
2 3/4	164.00	164.28	164.56	164.84	165.12	165.40	165.68	165.96	166.24	166.52	166.80	167.08	167.36	167.64	167.92	168.20	168.48	168.76	169.04	169.32	169.60	169.88	170.16	170.44	170.72	171.00	171.28	171.56	171.84
2 7/8	168.00	168.28	168.56	168.84	169.12	169.40	169.68	169.96	170.24	170.52	170.80	171.08	171.36	171.64	171.92	172.20	172.48	172.76	173.04	173.32	173.60	173.88	174.16	174.44	174.72	175.00	175.28	175.56	175.84
3	172.00	172.28	172.56	172.84	173.12	173.40	173.68	173.96	174.24	174.52	174.80	175.08	175.36	175.64	175.92	176.20	176.48	176.76	177.04	177.32	177.60	177.88	178.16	178.44	178.72	179.00	179.28	179.56	179.84
3 1/8	176.00	176.28	176.56	176.84	177.12	177.40	177.68	177.96	178.24	178.52	178.80	179.08	179.36	179.64	179.92	180.20	180.48	180.76	181.04	181.32	181.60	181.88	182.16	182.44	182.72	183.00	183.28	183.56	183.84
3 1/4	180.00	180.28	180.56	180.84	181.12	181.40	181.68	181.96	182.24	182.52	182.80	183.08	183.36	183.64	183.92	184.20	184.48	184.76	185.04	185.32	185.60	185.88	186.16	186.44	186.72	187.00	187.28	187.56	187.84
3 1/2	184.00	184.28	184.56	184.84	185.12	185.40	185.68	185.96	186.24	186.52	186.80	187.08	187.36	187.64	187.92	188.20	188.48	188.76	189.04	189.32	189.60	189.88	190.16	190.44	190.72	191.00	191.28	191.56	191.84
3 3/4	188.00	188.28	188.56	188.84	189.12	189.40	189.68	189.96	190.24	190.52	190.80	191.08	191.36	191.64	191.92	192.20	192.48	192.76	193.04	193.32	193.60	193.88	194.16	194.44	194.72	195.00	195.28	195.56	195.84
3 7/8	192.00	192.28	192.56	192.84	193.12	193.40	193.68	193.96	194.24	194.52	194.80	195.08	195.36	195.64	195.92	196.20	196.48	196.76	197.04	197.32	197.60	197.88	198.16	198.44	198.72	199.00	199.28	199.56	199.84
4	196.00	196.28	196.56	196.84	197.12	197.40	197.68	197.96	198.24	198.52	198.80	199.08	199.36	199.64	199.92	200.20	200.48	200.76	201.04	201.32	201.60	201.88	202.16	202.44	202.72	203.00	203.28	203.56	203.84
4 1/8	200.00	200.28	200.56	200.84	201.12	201.40	201.68	201.96	202.24	202.52	202.80	203.08	203.36	203.64	203.92	204.20	204.48	204.76	205.04	205.32	205.60	205.88	206.16	206.44	206.72	207.00	207.28	207.56	207.84
4 1/4	204.00	204.28	204.56	204.84	205.12	205.40	205.68	205.96	206.24	206.52	206.80	207.08	207.36	207.64	207.92	208.20	208.48	208.76	209.04	209.32	209.60	209.88	210.16	210.44	210.72	211.00	211.28	211.56	211.84
4 1/2	208.00	208.28	208.56	208.84	209.12	209.40	209.68	209.96	210.24	210.52	210.80	211.08	211.36	211.64	211.92	212.20	212.48	212.76	213.04	213.32	213.60	213.88	214.16	214.44	214.72	215.00	215.28	215.56	215.84
4 3/4	212.00	212.28	212.56	212.84	213																								

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV—Continued

Thick- ness, Inches	WIDTH, INCHES																						
	69%	70	70½	70¾	71	71¼	71½	71¾	72	72¼	72½	72¾	73	73¼	73½	73¾	74	74¼	74½	74¾	75	75½	
1/16	29.64	29.75	29.86	29.96	30.07	30.18	30.29	30.39	30.49	30.60	30.71	30.81	30.92	31.03	31.13	31.24	31.34	31.45	31.56	31.66	31.77	31.88	31.98
1/8	37.05	37.19	37.32	37.45	37.59	37.72	37.85	37.98	38.12	38.25	38.38	38.52	38.65	38.78	38.91	39.05	39.18	39.31	39.45	39.58	39.71	39.84	39.97
3/16	44.47	44.63	44.78	44.94	45.10	45.26	45.42	45.58	45.74	45.90	46.06	46.22	46.38	46.54	46.70	46.86	47.02	47.18	47.33	47.49	47.63	47.81	47.97
1/4	51.88	52.06	52.25	52.43	52.62	52.81	52.99	53.18	53.36	53.55	53.74	53.92	54.11	54.29	54.48	54.67	54.85	55.04	55.22	55.41	55.60	55.78	55.97
5/16	59.29	59.50	59.71	59.93	60.14	60.35	60.56	60.78	60.99	61.20	61.41	61.63	61.84	62.05	62.26	62.48	62.69	62.90	63.11	63.33	63.54	63.75	63.96
3/8	74.11	74.38	74.64	74.91	75.17	75.44	75.70	75.97	76.23	76.50	76.77	77.03	77.30	77.56	77.83	78.09	78.36	78.63	78.89	79.16	79.42	79.69	79.95
1/2	88.93	89.25	89.57	89.89	90.21	90.53	90.84	91.16	91.48	91.80	92.12	92.44	92.76	93.08	93.39	93.71	94.03	94.35	94.67	94.99	95.31	95.63	95.94
5/8	103.75	104.13	104.50	104.87	105.24	105.61	105.98	106.36	106.73	107.10	107.47	107.84	108.22	108.59	108.96	109.33	109.70	110.08	110.45	110.82	111.19	111.56	111.93
3/4	118.58	119.00	119.43	119.85	120.28	120.70	121.13	121.55	121.98	122.40	122.83	123.25	123.68	124.10	124.53	124.95	125.38	125.80	126.23	126.65	127.08	127.50	127.93
7/8	133.40	133.88	134.35	134.83	135.31	135.79	136.27	136.74	137.22	137.70	138.18	138.66	139.13	139.61	140.09	140.57	141.05	141.53	142.00	142.48	142.96	143.44	143.92
1	148.22	148.75	149.28	149.81	150.34	150.88	151.41	151.94	152.47	153.00	153.53	154.06	154.59	155.13	155.66	156.19	156.72	157.25	157.78	158.31	158.84	159.38	159.91
1 1/8	163.04	163.63	164.21	164.79	165.38	165.96	166.55	167.13	167.72	168.30	168.88	169.47	170.05	170.64	171.22	171.81	172.39	172.98	173.56	174.14	174.73	175.31	175.90
1 1/4	177.86	178.50	179.14	179.78	180.41	181.05	181.69	182.33	182.96	183.60	184.24	184.88	185.51	186.15	186.79	187.43	188.06	188.70	189.34	189.98	190.61	191.25	191.89
1 1/2	192.68	193.38	194.07	194.76	195.45	196.14	196.83	197.52	198.21	198.90	199.59	200.28	200.97	201.66	202.35	203.04	203.73	204.43	205.12	205.81	206.50	207.19	207.88
1 3/4	207.51	208.25	208.99	209.74	210.48	211.23	211.97	212.71	213.46	214.20	214.94	215.69	216.43	217.18	217.92	218.66	219.41	220.15	220.89	221.64	222.38	223.13	223.87
1 7/8	222.33	223.13	223.92	224.72	225.52	226.31	227.11	227.91	228.70	229.50	230.30	231.09	231.89	232.69	233.48	234.28	235.08	235.88	236.67	237.47	238.27	239.06	239.86
2	237.15	238.00	238.85	239.70	240.55	241.40	242.25	243.10	243.95	244.80	245.65	246.50	247.35	248.20	249.05	249.90	250.75	251.60	252.45	253.30	254.15	255.00	255.85
1 1/8	266.79	267.75	268.71	269.66	270.62	271.58	272.53	273.49	274.44	275.40	276.36	277.31	278.27	279.23	280.18	281.14	282.09	283.05	284.01	284.96	285.92	286.88	287.83
1 1/4	296.44	297.50	298.56	299.63	300.69	301.75	302.81	303.88	304.94	306.00	307.06	308.12	309.18	310.25	311.31	312.38	313.44	314.50	315.56	316.63	317.69	318.75	319.81
1 1/2	326.08	327.25	328.42	329.59	330.76	331.93	333.09	334.26	335.43	336.60	337.77	338.94	340.11	341.28	342.45	343.61	344.78	345.95	347.12	348.29	349.46	350.63	351.79
1 3/4	355.73	357.00	358.28	359.55	360.83	362.10	363.38	364.65	365.93	367.20	368.48	369.75	371.03	372.30	373.58	374.85	376.13	377.40	378.68	379.95	381.23	382.50	383.78
1 7/8	385.37	386.75	388.13	389.51	390.89	392.28	393.66	395.04	396.42	397.80	399.18	400.56	401.94	403.33	404.71	406.09	407.48	408.85	410.23	411.61	412.99	414.38	415.76
2 1/8	415.01	416.50	417.99	419.48	420.96	422.45	423.94	425.43	426.91	428.40	429.89	431.38	432.86	434.35	435.84	437.33	438.81	440.30	441.79	443.28	444.76	446.25	447.74
2 1/4	444.66	446.25	447.84	449.44	451.03	452.63	454.22	455.81	457.41	459.00	460.59	462.19	463.78	465.38	466.97	468.56	470.15	471.75	473.34	474.94	476.53	478.13	479.72
2 3/8	474.30	476.00	477.70	479.40	481.10	482.80	484.50	486.20	487.90	489.60	491.30	493.00	494.70	496.40	498.10	499.80	501.50	503.20	504.90	506.60	508.30	510.00	511.70
2 1/2	503.94	506.75	509.56	512.37	515.18	517.99	520.80	523.61	526.42	529.23	532.04	534.85	537.66	540.47	543.28	546.09	548.90	551.71	554.52	557.33	560.14	562.95	565.76
2 3/4	533.59	536.50	539.41	542.33	545.24	548.15	551.06	553.97	556.88	559.79	562.70	565.61	568.52	571.43	574.34	577.25	580.16	583.07	585.98	588.89	591.80	594.71	597.62

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV—Continued

Thickness Inches	WIDTH, INCHES																						
	75½	75¼	76	76¼	76½	76¾	77	77¼	77½	77¾	78	78¼	78½	78¾	79	79¼	79½	79¾	80	80¼	80½	80¾	81
1/8	32.09	32.19	32.30	32.41	32.51	32.62	32.73	32.83	32.94	33.04	33.15	33.26	33.36	33.47	33.58	33.68	33.79	33.89	34.00	34.11	34.21	34.32	34.43
3/16	40.11	40.24	40.38	40.51	40.64	40.77	40.91	41.04	41.17	41.30	41.44	41.57	41.70	41.84	41.97	42.10	42.23	42.37	42.50	42.63	42.77	42.90	43.03
1/4	48.13	48.29	48.45	48.61	48.77	48.93	49.09	49.25	49.41	49.57	49.73	49.88	50.04	50.20	50.36	50.52	50.68	50.84	51.00	51.16	51.32	51.48	51.64
5/16	56.15	56.34	56.53	56.71	56.90	57.08	57.27	57.45	57.64	57.83	58.01	58.20	58.38	58.57	58.76	58.94	59.13	59.31	59.50	59.69	59.87	60.06	60.24
3/8	64.18	64.39	64.60	64.81	65.03	65.24	65.45	65.66	65.88	66.09	66.30	66.51	66.73	66.94	67.15	67.36	67.58	67.79	68.00	68.21	68.43	68.64	68.85
7/16	80.22	80.48	80.75	81.02	81.28	81.55	81.81	82.08	82.34	82.61	82.88	83.14	83.41	83.67	83.94	84.20	84.47	84.73	85.00	85.27	85.53	85.80	86.06
1/2	96.26	96.58	96.90	97.22	97.54	97.86	98.18	98.49	98.81	99.13	99.45	99.77	100.09	100.41	100.73	101.04	101.36	101.68	102.00	102.32	102.64	102.96	103.28
5/8	112.31	112.68	113.05	113.42	113.79	114.17	114.54	114.91	115.28	115.65	116.03	116.40	116.77	117.14	117.51	117.88	118.26	118.63	119.00	119.37	119.74	120.12	120.49
3/4	128.35	128.78	129.20	129.63	130.05	130.48	130.90	131.33	131.75	132.18	132.60	133.03	133.45	133.88	134.30	134.73	135.15	135.58	136.00	136.43	136.85	137.28	137.70
7/8	144.39	144.87	145.35	145.83	146.31	146.78	147.26	147.74	148.22	148.70	149.18	149.65	150.13	150.61	151.09	151.57	152.04	152.52	153.00	153.48	153.96	154.43	154.91
1	160.44	160.97	161.50	162.03	162.56	163.09	163.63	164.16	164.69	165.22	165.75	166.28	166.81	167.34	167.88	168.41	168.94	169.47	170.00	170.53	171.06	171.59	172.13
1 1/8	176.49	177.07	177.65	178.23	178.82	179.40	179.99	180.57	181.16	181.74	182.33	182.91	183.49	184.08	184.66	185.25	185.83	186.42	187.00	187.58	188.17	188.75	189.34
1 1/4	192.53	193.16	193.80	194.44	195.08	195.71	196.35	196.99	197.63	198.26	198.90	199.54	200.18	200.81	201.45	202.09	202.73	203.36	204.00	204.64	205.28	205.91	206.55
1 1/2	208.57	209.26	209.95	210.64	211.33	212.02	212.71	213.40	214.09	214.78	215.48	216.17	216.86	217.55	218.24	218.93	219.62	220.31	221.00	221.69	222.38	223.07	223.76
1 3/4	224.61	225.36	226.10	226.84	227.59	228.33	229.08	229.82	230.56	231.31	232.05	232.79	233.54	234.28	235.03	235.77	236.51	237.26	238.00	238.74	239.49	240.23	240.98
1 7/8	240.66	241.45	242.25	243.05	243.84	244.64	245.44	246.23	247.03	247.83	248.63	249.42	250.22	251.02	251.81	252.61	253.41	254.20	255.00	255.80	256.59	257.39	258.19
2	256.70	257.55	258.40	259.25	260.10	260.95	261.80	262.65	263.50	264.35	265.20	266.05	266.90	267.75	268.60	269.45	270.30	271.15	272.00	272.85	273.70	274.55	275.40
2 1/8	288.79	289.74	290.70	291.66	292.61	293.57	294.53	295.48	296.44	297.39	298.35	299.31	300.26	301.22	302.18	303.13	304.09	305.04	306.00	306.96	307.91	308.87	309.83
2 1/4	320.88	321.94	323.00	324.06	325.13	326.19	327.25	328.31	329.38	330.44	331.50	332.56	333.63	334.69	335.75	336.81	337.88	338.94	340.00	341.06	342.13	343.19	344.25
2 3/4	352.96	354.13	355.30	356.47	357.64	358.81	359.98	361.14	362.31	363.48	364.65	365.82	366.99	368.16	369.33	370.49	371.66	372.83	374.00	375.17	376.34	377.51	378.68
3	385.05	386.33	387.60	388.88	390.15	391.43	392.70	393.98	395.25	396.53	397.80	399.08	400.35	401.63	402.90	404.18	405.45	406.73	408.00	409.28	410.55	411.83	413.10
3 1/8	417.14	418.52	419.90	421.28	422.66	424.04	425.43	426.81	428.19	429.57	430.95	432.33	433.71	435.09	436.47	437.86	439.24	440.62	442.00	443.38	444.76	446.14	447.53
3 1/4	449.23	450.71	452.20	453.69	455.18	456.66	458.15	459.64	461.13	462.61	464.10	465.59	467.08	468.56	470.05	471.54	473.03	474.51	476.00	477.49	478.98	480.46	481.95
3 3/4	481.31	482.91	484.50	486.09	487.69	489.28	490.88	492.47	494.06	495.66	497.25	498.84	500.44	502.03	503.63	505.22	506.81	508.41	510.00	511.59	513.19	514.78	516.38
4	513.40	515.10	516.80	518.50	520.20	521.90	523.60	525.30	527.00	528.70	530.40	532.10	533.80	535.50	537.20	538.90	540.60	542.30	544.00	545.70	547.40	549.10	550.80
4 1/8	545.49	547.29	549.10	550.91	552.71	554.52	556.33	558.13	559.94	561.74	563.55	565.36	567.16	568.97	570.78	572.58	574.39	576.19	578.00	579.81	581.61	583.42	585.23
4 1/4	577.58	579.49	581.40	583.31	585.23	587.14	589.05	590.96	592.88	594.79	596.70	598.61	600.53	602.44	604.35	606.26	608.18	610.09	612.00	613.91	615.83	617.74	619.65

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	81 $\frac{1}{2}$	81 $\frac{1}{4}$	81	82 $\frac{1}{2}$	82 $\frac{1}{4}$	82	82 $\frac{3}{4}$	83	83 $\frac{1}{4}$	83 $\frac{1}{2}$	83 $\frac{3}{4}$	84	84 $\frac{1}{4}$	84 $\frac{1}{2}$	84 $\frac{3}{4}$	85	85 $\frac{1}{4}$	85 $\frac{1}{2}$	85 $\frac{3}{4}$	86	86 $\frac{1}{4}$	86 $\frac{1}{2}$	86 $\frac{3}{4}$	
$\frac{3}{16}$	60.43	60.62	60.80	61.17	61.36	61.55	61.73	61.92	62.10	62.29	62.48	62.66	62.85	63.03	63.22	63.40	63.59	63.78	63.96	64.15	64.33	64.52	64.71	64.90
$\frac{7}{16}$	69.06	69.28	69.49	69.70	69.91	70.13	70.34	70.55	70.76	70.98	71.19	71.40	71.61	71.83	72.04	72.25	72.46	72.68	72.89	73.10	73.31	73.53	73.74	73.95
$\frac{1}{8}$	86.33	86.59	86.86	87.13	87.39	87.66	87.92	88.19	88.45	88.72	88.98	89.25	89.52	89.78	90.05	90.31	90.58	90.84	91.11	91.38	91.64	91.91	92.17	92.44
$\frac{9}{16}$	103.59	103.91	104.23	104.55	104.87	105.19	105.51	105.83	106.14	106.46	106.78	107.10	107.42	107.74	108.06	108.38	108.69	109.01	109.33	109.65	109.97	110.29	110.61	110.93
$\frac{5}{8}$	120.86	121.23	121.60	121.98	122.35	122.72	123.09	123.46	123.83	124.21	124.58	124.95	125.32	125.69	126.07	126.44	126.81	127.18	127.55	127.92	128.30	128.67	129.04	129.41
$\frac{3}{4}$	138.13	138.55	138.98	139.40	139.83	140.25	140.68	141.10	141.53	141.95	142.38	142.80	143.23	143.65	144.08	144.50	144.93	145.35	145.78	146.20	146.63	147.05	147.48	147.90
$\frac{7}{8}$	155.39	155.87	156.35	156.83	157.30	157.78	158.26	158.74	159.22	159.69	160.17	160.65	161.13	161.61	162.08	162.56	163.04	163.52	164.00	164.48	164.95	165.43	165.91	166.39
$1\frac{1}{16}$	172.66	173.19	173.72	174.25	174.78	175.31	175.84	176.38	176.91	177.44	177.97	178.50	179.03	179.56	180.09	180.63	181.16	181.69	182.22	182.75	183.28	183.81	184.34	184.87
$1\frac{1}{8}$	189.92	190.51	191.09	191.68	192.26	192.84	193.43	194.01	194.60	195.18	195.77	196.35	196.93	197.52	198.10	198.69	199.27	199.86	200.44	201.03	201.61	202.19	202.78	203.36
$1\frac{1}{4}$	207.19	207.83	208.46	209.09	209.74	210.38	211.01	211.65	212.29	212.93	213.56	214.20	214.84	215.48	216.11	216.75	217.39	218.03	218.66	219.30	219.94	220.58	221.21	221.85
$1\frac{3}{8}$	224.45	225.14	225.83	226.53	227.22	227.91	228.60	229.29	229.98	230.67	231.36	232.05	232.74	233.43	234.12	234.81	235.50	236.19	236.88	237.58	238.27	238.96	239.65	240.34
$1\frac{1}{2}$	241.72	242.46	243.21	243.95	244.69	245.44	246.18	246.93	247.67	248.41	249.16	249.90	250.64	251.39	252.13	252.88	253.62	254.36	255.11	255.85	256.59	257.33	258.08	258.82
$1\frac{3}{4}$	258.98	259.78	260.58	261.38	262.17	262.97	263.77	264.56	265.36	266.16	266.95	267.75	268.55	269.34	270.14	270.94	271.73	272.53	273.33	274.13	274.92	275.72	276.52	277.31
$1\frac{7}{8}$	276.25	277.10	277.95	278.80	279.65	280.50	281.35	282.20	283.05	283.90	284.75	285.60	286.45	287.30	288.15	289.00	289.85	290.70	291.55	292.40	293.25	294.10	294.95	295.80
1	310.78	311.74	312.69	313.65	314.61	315.56	316.52	317.48	318.43	319.39	320.34	321.30	322.26	323.21	324.17	325.13	326.08	327.04	327.99	328.95	329.91	330.86	331.82	332.78
$1\frac{1}{8}$	345.31	346.38	347.44	348.50	349.56	350.63	351.69	352.75	353.81	354.88	355.94	357.00	358.06	359.13	360.19	361.25	362.31	363.38	364.44	365.50	366.56	367.63	368.69	369.75
$1\frac{1}{4}$	379.84	381.01	382.18	383.35	384.52	385.69	386.86	388.03	389.19	390.36	391.53	392.70	393.87	395.04	396.21	397.38	398.54	399.71	400.88	402.05	403.22	404.39	405.56	406.73
$1\frac{3}{8}$	414.38	415.65	416.93	418.20	419.48	420.75	422.03	423.30	424.58	425.85	427.13	428.40	429.68	430.95	432.23	433.50	434.78	436.05	437.33	438.60	439.88	441.15	442.43	443.70
$1\frac{1}{2}$	448.91	450.29	451.67	453.05	454.43	455.81	457.19	458.58	459.96	461.34	462.72	464.10	465.48	466.86	468.24	469.63	471.01	472.39	473.77	475.15	476.53	477.91	479.29	480.67
$1\frac{3}{4}$	483.44	484.93	486.41	487.90	489.39	490.88	492.36	493.85	495.34	496.83	498.31	499.80	501.29	502.78	504.26	505.75	507.24	508.73	510.21	511.70	513.19	514.68	516.16	517.65
$1\frac{7}{8}$	517.97	519.56	521.15	522.73	524.32	525.90	527.49	529.07	530.66	532.24	533.83	535.41	537.00	538.58	540.17	541.75	543.34	544.92	546.50	548.09	549.67	551.25	552.84	554.42
2	552.50	554.20	555.90	557.60	559.30	561.00	562.70	564.40	566.10	567.80	569.50	571.20	572.90	574.60	576.30	578.00	579.70	581.40	583.10	584.80	586.50	588.20	589.90	591.60
$2\frac{1}{8}$	587.03	588.84	590.64	592.45	594.25	596.06	597.87	599.68	601.48	603.29	605.09	606.90	608.71	610.51	612.32	614.13	615.93	617.74	619.54	621.35	623.16	624.96	626.77	628.57
$2\frac{1}{4}$	621.56	623.48	625.39	627.30	629.21	631.13	633.04	634.95	636.86	638.78	640.69	642.60	644.51	646.43	648.34	650.25	652.16	654.08	655.99	657.90	659.81	661.73	663.64	665.55

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness,
Inches

WIDTH, INCHES

	87	87 1/4	87 1/2	87 3/4	88	88 1/4	88 1/2	88 3/4	89	89 1/4	89 1/2	89 3/4	90	90 1/4	90 1/2	90 3/4	91	91 1/4	91 1/2	91 3/4	92	92 1/4	92 1/2	92 3/4	93	
1/8	64.71	64.89	65.08	65.26	65.45	65.64	65.82	66.01	66.19	66.38	66.57	66.75	66.94	67.12	67.31	67.50	67.68	67.87	68.05	68.24	68.43	68.61	68.80	68.98	69.17	69.35
1/4	73.95	74.16	74.38	74.59	74.80	75.01	75.23	75.44	75.65	75.86	76.08	76.29	76.50	76.71	76.93	77.14	77.35	77.56	77.77	77.98	78.20	78.41	78.63	78.84	79.05	79.26
3/8	92.44	92.70	92.97	93.23	93.50	93.77	94.03	94.30	94.56	94.83	95.09	95.36	95.63	95.89	96.16	96.42	96.69	96.95	97.22	97.48	97.75	98.01	98.28	98.54	98.81	99.07
1/2	110.93	111.24	111.56	111.88	112.20	112.52	112.84	113.16	113.48	113.80	114.13	114.45	114.77	115.09	115.41	115.73	116.05	116.37	116.69	117.01	117.33	117.65	117.97	118.29	118.61	118.93
5/8	129.41	129.78	130.16	130.53	130.90	131.27	131.64	132.02	132.39	132.76	133.13	133.50	133.87	134.24	134.61	134.98	135.35	135.72	136.09	136.46	136.83	137.20	137.57	137.94	138.31	138.68
3/4	147.90	148.33	148.75	149.18	149.60	150.03	150.45	150.88	151.31	151.73	152.15	152.58	153.00	153.43	153.85	154.28	154.70	155.13	155.55	155.98	156.40	156.83	157.25	157.67	158.09	158.51
7/8	166.39	166.87	167.34	167.82	168.30	168.78	169.26	169.73	170.21	170.69	171.17	171.65	172.13	172.60	173.08	173.56	174.04	174.52	174.99	175.47	175.95	176.43	176.91	177.39	177.87	178.35
1	184.88	185.41	185.94	186.47	187.00	187.53	188.06	188.59	189.13	189.66	190.19	190.72	191.25	191.78	192.31	192.84	193.38	193.91	194.44	194.97	195.50	196.03	196.56	197.09	197.62	198.15
1 1/8	203.36	203.95	204.53	205.12	205.70	206.28	206.87	207.45	208.04	208.62	209.21	209.79	210.38	210.96	211.54	212.13	212.71	213.30	213.88	214.47	215.05	215.63	216.22	216.80	217.38	217.96
1 1/4	221.85	222.49	223.13	223.76	224.40	225.04	225.68	226.31	226.95	227.59	228.23	228.86	229.50	230.14	230.78	231.41	232.05	232.69	233.33	233.96	234.60	235.24	235.88	236.52	237.15	237.79
1 1/2	240.34	241.03	241.72	242.41	243.10	243.79	244.48	245.17	245.86	246.55	247.24	247.93	248.63	249.32	250.01	250.70	251.39	252.08	252.77	253.46	254.15	254.84	255.53	256.22	256.91	257.60
1 3/4	258.83	259.57	260.31	261.06	261.81	262.56	263.31	264.06	264.81	265.56	266.31	267.06	267.81	268.56	269.31	270.06	270.81	271.56	272.31	273.06	273.81	274.56	275.31	276.06	276.81	277.56
1 5/8	277.31	278.11	278.91	279.70	280.50	281.30	282.09	282.89	283.68	284.48	285.28	286.08	286.88	287.67	288.47	289.27	290.06	290.86	291.66	292.45	293.25	294.05	294.84	295.64	296.44	297.24
1 7/8	295.80	296.63	297.50	298.35	299.20	300.05	300.90	301.75	302.60	303.45	304.30	305.15	306.00	306.85	307.70	308.55	309.40	310.25	311.10	311.95	312.80	313.65	314.50	315.35	316.20	317.05
2	332.78	333.73	334.69	335.64	336.60	337.56	338.51	339.47	340.43	341.38	342.34	343.29	344.25	345.21	346.16	347.12	348.08	349.03	349.99	350.94	351.90	352.86	353.81	354.77	355.73	356.68
2 1/4	369.75	370.81	371.88	372.94	374.00	375.06	376.13	377.19	378.25	379.31	380.38	381.44	382.50	383.56	384.63	385.69	386.75	387.81	388.88	389.94	391.00	392.06	393.13	394.19	395.25	396.31
2 1/2	406.73	407.89	409.06	410.23	411.40	412.57	413.74	414.91	416.08	417.24	418.41	419.58	420.75	421.92	423.09	424.26	425.43	426.59	427.76	428.93	430.10	431.27	432.44	433.61	434.78	435.95
2 3/4	443.70	444.98	446.25	447.53	448.80	450.08	451.35	452.63	453.90	455.18	456.45	457.73	459.00	460.28	461.55	462.83	464.10	465.38	466.65	467.93	469.20	470.48	471.75	473.03	474.30	475.58
2 5/8	480.67	482.06	483.44	484.82	486.20	487.58	488.96	490.34	491.73	493.11	494.49	495.87	497.25	498.63	500.01	501.39	502.78	504.16	505.54	506.92	508.30	509.68	511.06	512.44	513.82	515.20
2 7/8	517.65	519.14	520.63	522.11	523.60	525.09	526.58	528.06	529.55	531.04	532.53	534.01	535.50	536.99	538.48	539.96	541.45	542.94	544.43	545.91	547.40	548.89	550.38	551.87	553.35	554.84
3	554.63	556.22	557.81	559.41	561.00	562.59	564.19	565.78	567.38	568.97	570.56	572.16	573.75	575.34	576.94	578.53	580.13	581.72	583.31	584.91	586.50	588.09	589.69	591.28	592.87	594.46
3 1/4	591.60	593.30	595.00	596.70	598.40	600.10	601.80	603.50	605.20	606.90	608.60	610.30	612.00	613.70	615.40	617.10	618.80	620.50	622.20	623.90	625.60	627.30	629.00	630.70	632.40	634.10
3 1/2	628.58	630.38	632.19	633.99	635.80	637.61	639.41	641.22	643.03	644.83	646.64	648.44	650.25	652.06	653.86	655.67	657.48	659.28	661.09	662.89	664.70	666.51	668.31	670.12	671.93	673.74
3 3/4	665.55	667.46	669.38	671.29	673.20	675.11	677.03	678.94	680.85	682.76	684.68	686.59	688.50	690.41	692.33	694.24	696.15	698.06	699.98	701.89	703.80	705.71	707.63	709.54	711.45	713.36

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness,
Inches

WIDTH, INCHES

	92½	93	93½	93¾	94	94¼	94½	94¾	95	95¼	95½	95¾	96	96¼	96½	96¾	97	97¼	97½	97¾	98	98½	
1/16	68.98	69.17	69.35	69.54	69.73	69.91	70.10	70.28	70.47	70.66	70.84	71.03	71.21	71.40	71.59	71.77	71.96	72.14	72.33	72.52	72.70	72.89	73.07
1/8	78.84	79.05	79.26	79.48	79.69	79.90	80.11	80.33	80.54	80.75	80.96	81.18	81.39	81.60	81.81	82.03	82.24	82.46	82.68	82.88	83.09	83.30	83.51
3/16	98.55	98.81	99.08	99.34	99.61	99.88	100.14	100.41	100.67	100.94	101.20	101.47	101.73	102.00	102.27	102.53	102.80	103.06	103.33	103.59	103.86	104.13	104.39
1/4	118.26	118.58	118.89	119.21	119.53	119.85	120.17	120.49	120.81	121.13	121.44	121.76	122.08	122.40	122.72	123.04	123.36	123.68	123.99	124.31	124.63	124.95	125.27
5/16	137.97	138.34	138.71	139.08	139.45	139.83	140.20	140.57	140.94	141.31	141.68	142.06	142.43	142.80	143.17	143.54	143.92	144.29	144.66	145.03	145.40	145.78	146.15
3/8	157.68	158.10	158.53	158.96	159.38	159.80	160.23	160.65	161.08	161.50	161.93	162.35	162.78	163.20	163.63	164.05	164.48	164.90	165.33	165.75	166.18	166.60	167.03
7/16	177.38	177.96	178.34	178.82	179.30	179.78	180.25	180.73	181.21	181.69	182.17	182.64	183.12	183.60	184.08	184.56	185.03	185.51	185.99	186.47	186.95	187.43	187.90
1/2	197.09	197.63	198.16	198.69	199.22	199.75	200.28	200.81	201.34	201.88	202.41	202.94	203.47	204.00	204.53	205.06	205.59	206.13	206.66	207.19	207.72	208.25	208.78
5/8	216.80	217.39	217.97	218.56	219.14	219.73	220.31	220.89	221.48	222.06	222.65	223.23	223.82	224.40	224.98	225.57	226.15	226.74	227.32	227.91	228.49	229.08	229.66
3/4	236.51	237.15	237.79	238.43	239.06	239.70	240.34	240.98	241.61	242.25	242.89	243.53	244.16	244.80	245.44	246.08	246.71	247.35	247.99	248.63	249.26	249.90	250.54
7/8	256.22	256.91	257.60	258.29	258.98	259.68	260.37	261.06	261.75	262.44	263.13	263.82	264.51	265.20	265.89	266.58	267.27	267.96	268.65	269.34	270.03	270.73	271.42
1	275.93	276.68	277.42	278.16	278.91	279.65	280.39	281.14	281.88	282.63	283.37	284.11	284.86	285.60	286.34	287.09	287.83	288.58	289.32	290.06	290.81	291.55	292.29
1 1/8	295.64	296.44	297.23	298.03	298.83	299.63	300.42	301.22	302.02	302.81	303.61	304.41	305.20	306.00	306.80	307.59	308.39	309.19	309.98	310.78	311.58	312.38	313.17
1 1/4	315.35	316.20	317.05	317.90	318.75	319.60	320.45	321.30	322.15	323.00	323.85	324.70	325.55	326.40	327.25	328.10	328.95	329.80	330.65	331.50	332.35	333.20	334.05
1 1/2	354.77	355.73	356.68	357.64	358.59	359.55	360.51	361.46	362.42	363.38	364.33	365.29	366.24	367.20	368.16	369.11	370.07	371.03	371.99	372.94	373.89	374.85	375.81
1 3/4	394.19	395.25	396.31	397.38	398.44	399.50	400.56	401.63	402.69	403.75	404.81	405.88	406.94	408.00	409.06	410.13	411.19	412.25	413.31	414.38	415.44	416.50	417.56
1 7/8	433.61	434.78	435.94	437.11	438.28	439.45	440.62	441.79	442.96	444.13	445.29	446.46	447.63	448.80	449.97	451.14	452.31	453.48	454.65	455.81	456.98	458.15	459.32
2	473.03	474.30	475.58	476.86	478.13	479.40	480.68	481.95	483.23	484.50	485.78	487.05	488.33	489.60	490.88	492.15	493.43	494.70	495.98	497.25	498.53	499.80	501.08
2 1/8	512.44	513.83	515.21	516.59	517.97	519.35	520.73	522.11	523.49	524.88	526.26	527.64	529.02	530.40	531.78	533.16	534.54	535.93	537.31	538.69	540.07	541.45	542.83
2 1/4	551.86	553.36	554.84	556.33	557.81	559.30	560.79	562.28	563.76	565.25	566.74	568.23	569.71	571.20	572.69	574.18	575.66	577.15	578.64	580.13	581.61	583.10	584.59
2 3/8	591.28	592.88	594.47	596.06	597.66	599.25	600.84	602.43	604.03	605.62	607.21	608.81	610.41	612.00	613.59	615.18	616.78	618.38	619.97	621.56	623.16	624.75	626.34
2 1/2	630.70	632.40	634.10	635.80	637.50	639.20	640.90	642.60	644.30	646.00	647.70	649.40	651.10	652.80	654.50	656.20	657.90	659.60	661.30	663.00	664.70	666.40	668.10
2 3/4	670.12	671.93	673.73	675.54	677.34	679.15	680.96	682.76	684.57	686.38	688.18	689.99	691.79	693.60	695.41	697.21	699.02	700.83	702.63	704.44	706.24	708.05	709.86
3	709.54	711.45	713.36	715.28	717.19	719.10	721.01	722.92	724.84	726.75	728.66	730.58	732.49	734.40	736.31	738.23	740.14	742.05	743.96	745.88	747.79	749.70	751.61

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																								
	98 $\frac{1}{2}$	98 $\frac{3}{4}$	99	99 $\frac{1}{4}$	99 $\frac{1}{2}$	99 $\frac{3}{4}$	100	100 $\frac{1}{4}$	100 $\frac{1}{2}$	100 $\frac{3}{4}$	101	101 $\frac{1}{4}$	101 $\frac{1}{2}$	101 $\frac{3}{4}$	102	102 $\frac{1}{4}$	102 $\frac{1}{2}$	102 $\frac{3}{4}$	103	103 $\frac{1}{4}$	103 $\frac{1}{2}$	103 $\frac{3}{4}$	104		
$\frac{1}{16}$	73.26	73.45	73.63	73.82	74.00	74.19	74.38	74.56	74.75	74.93	75.12	75.30	75.49	75.68	75.86	76.05	76.23	76.42	76.61	76.79	76.98	77.16	77.35	77.54	77.73
$\frac{1}{8}$	83.73	83.94	84.15	84.36	84.58	84.79	85.00	85.21	85.43	85.64	85.85	86.06	86.28	86.49	86.70	86.91	87.13	87.34	87.55	87.76	87.98	88.19	88.40	88.61	88.82
$\frac{3}{16}$	104.66	104.92	105.19	105.45	105.72	105.98	106.25	106.52	106.78	107.05	107.31	107.58	107.84	108.11	108.38	108.64	108.91	109.17	109.44	109.70	109.97	110.23	110.50	110.76	111.02
$\frac{1}{4}$	125.59	125.91	126.23	126.54	126.86	127.18	127.50	127.82	128.14	128.46	128.78	129.09	129.41	129.73	130.05	130.37	130.69	131.01	131.33	131.64	131.96	132.28	132.60	132.92	133.24
$\frac{5}{16}$	146.52	146.89	147.26	147.63	148.01	148.38	148.75	149.12	149.49	149.87	150.24	150.61	150.98	151.35	151.73	152.10	152.47	152.84	153.21	153.58	153.96	154.33	154.70	155.07	155.44
$\frac{3}{8}$	167.45	167.88	168.30	168.73	169.15	169.58	170.00	170.43	170.85	171.28	171.70	172.13	172.55	172.98	173.40	173.83	174.25	174.68	175.10	175.53	175.95	176.38	176.80	177.22	177.64
$\frac{7}{16}$	188.38	188.86	189.34	189.82	190.29	190.77	191.25	191.73	192.21	192.68	193.16	193.64	194.12	194.60	195.08	195.55	196.03	196.51	196.99	197.47	197.94	198.42	198.90	199.38	199.86
$\frac{1}{2}$	209.31	209.84	210.38	210.91	211.44	211.97	212.50	213.03	213.56	214.09	214.63	215.15	215.69	216.22	216.75	217.28	217.81	218.34	218.88	219.41	219.94	220.47	221.00	221.53	222.06
$\frac{9}{16}$	230.24	230.83	231.41	232.00	232.58	233.17	233.75	234.33	234.92	235.50	236.09	236.67	237.26	237.84	238.43	239.01	239.59	240.18	240.76	241.35	241.93	242.52	243.10	243.69	244.27
$\frac{5}{8}$	251.18	251.81	252.45	253.09	253.73	254.36	255.00	255.64	256.28	256.91	257.55	258.19	258.83	259.46	260.10	260.74	261.38	262.01	262.65	263.29	263.93	264.56	265.20	265.84	266.47
$\frac{3}{4}$	272.11	272.80	273.49	274.18	274.87	275.56	276.25	276.94	277.63	278.32	279.01	279.70	280.39	281.08	281.78	282.47	283.16	283.85	284.54	285.23	285.92	286.61	287.30	288.00	288.69
$\frac{7}{8}$	293.04	293.78	294.53	295.27	296.01	296.76	297.50	298.24	298.99	299.73	300.48	301.22	301.96	302.71	303.45	304.19	304.94	305.68	306.43	307.17	307.91	308.66	309.40	310.15	310.89
1	313.97	314.77	315.56	316.36	317.16	317.95	318.75	319.55	320.34	321.14	321.94	322.73	323.53	324.33	325.13	325.92	326.72	327.52	328.31	329.11	329.91	330.70	331.50	332.30	333.10
$1\frac{1}{8}$	334.90	335.75	336.60	337.45	338.30	339.15	340.00	340.85	341.70	342.55	343.40	344.25	345.10	345.95	346.80	347.65	348.50	349.35	350.20	351.05	351.90	352.75	353.60	354.45	355.30
$1\frac{1}{4}$	376.76	377.72	378.68	379.63	380.59	381.54	382.50	383.46	384.41	385.37	386.33	387.28	388.24	389.19	390.15	391.11	392.06	393.02	393.98	394.93	395.89	396.84	397.80	398.76	399.72
$1\frac{1}{2}$	418.63	419.69	420.75	421.81	422.88	423.94	425.00	426.06	427.13	428.19	429.25	430.31	431.38	432.44	433.50	434.56	435.63	436.69	437.75	438.81	439.88	440.94	442.00	443.06	444.12
$1\frac{3}{8}$	460.49	461.66	462.83	463.99	465.16	466.33	467.50	468.67	469.84	471.01	472.18	473.34	474.51	475.68	476.85	478.02	479.19	480.36	481.53	482.69	483.86	485.03	486.20	487.37	488.54
$1\frac{1}{2}$	502.35	503.63	504.90	506.18	507.45	508.73	510.00	511.28	512.55	513.83	515.10	516.38	517.65	518.93	520.20	521.48	522.75	524.03	525.30	526.58	527.85	529.13	530.40	531.68	532.96
$1\frac{3}{4}$	544.21	545.59	546.98	548.36	549.74	551.12	552.50	553.88	555.26	556.64	558.03	559.41	560.79	562.17	563.55	564.93	566.31	567.69	569.07	570.45	571.84	573.22	574.60	575.98	577.36
2	586.08	587.56	589.05	590.54	592.03	593.51	595.00	596.49	597.98	599.46	600.95	602.44	603.93	605.41	606.90	608.39	609.88	611.36	612.85	614.34	615.83	617.31	618.80	620.28	621.76
$2\frac{1}{8}$	627.94	629.53	631.13	632.72	634.31	635.91	637.50	639.09	640.69	642.28	643.88	645.47	647.06	648.66	650.25	651.84	653.44	655.03	656.63	658.22	659.81	661.41	663.00	664.59	666.18
$2\frac{1}{4}$	669.80	671.50	673.20	674.90	676.60	678.30	680.00	681.70	683.40	685.10	686.80	688.50	690.20	691.90	693.60	695.30	697.00	698.70	700.40	702.10	703.80	705.50	707.20	708.90	710.60
$2\frac{3}{8}$	711.66	713.47	715.28	717.08	718.89	720.69	722.50	724.31	726.11	727.92	729.73	731.53	733.34	735.14	736.95	738.76	740.56	742.37	744.18	745.98	747.79	749.59	751.40	753.20	755.01
$2\frac{1}{2}$	753.53	755.44	757.35	759.26	761.18	763.09	765.00	766.91	768.83	770.74	772.65	774.56	776.48	778.39	780.30	782.21	784.13	786.04	787.95	789.86	791.78	793.69	795.60	797.51	799.42

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	104¼	104½	104¾	105	105¼	105½	105¾	106	106¼	106½	106¾	107	107¼	107½	107¾	108	108¼	108½	108¾	109	109¼	109½	109¾	
¼	77.54	77.72	77.91	78.09	78.28	78.47	78.65	78.84	79.02	79.21	79.40	79.58	79.77	79.95	80.14	80.33	80.51	80.70	80.88	81.07	81.25	81.44	81.63	81.83
½	88.61	88.83	89.04	89.25	89.46	89.68	89.89	90.10	90.31	90.53	90.74	90.95	91.16	91.38	91.59	91.80	92.01	92.23	92.44	92.65	92.86	93.08	93.29	93.50
¾	110.77	111.03	111.30	111.56	111.83	112.09	112.36	112.63	112.89	113.16	113.42	113.69	113.95	114.22	114.48	114.75	115.02	115.28	115.55	115.81	116.08	116.34	116.61	116.88
1	132.92	133.24	133.56	133.88	134.19	134.51	134.83	135.15	135.47	135.79	136.11	136.43	136.75	137.07	137.39	137.71	138.03	138.35	138.67	138.99	139.31	139.63	139.95	140.27
1¼	155.07	155.44	155.82	156.19	156.56	156.93	157.30	157.68	158.05	158.42	158.79	159.16	159.53	159.91	160.28	160.65	161.02	161.39	161.77	162.14	162.51	162.88	163.25	163.62
1½	177.23	177.65	178.08	178.50	178.93	179.35	179.78	180.20	180.63	181.05	181.48	181.91	182.33	182.75	183.18	183.60	184.03	184.45	184.88	185.30	185.73	186.15	186.58	187.00
1¾	199.38	199.86	200.33	200.81	201.29	201.77	202.25	202.73	203.20	203.68	204.16	204.64	205.12	205.59	206.07	206.55	207.03	207.51	207.98	208.46	208.94	209.42	209.90	210.38
2	221.53	222.06	222.59	223.13	223.66	224.19	224.72	225.25	225.78	226.31	226.84	227.38	227.91	228.44	228.97	229.50	230.03	230.56	231.09	231.63	232.16	232.69	233.22	233.75
2¼	243.68	244.27	244.85	245.44	246.02	246.61	247.19	247.78	248.36	248.94	249.53	250.11	250.70	251.28	251.87	252.45	253.03	253.62	254.20	254.79	255.37	255.96	256.54	257.13
2½	265.84	266.48	267.11	267.75	268.39	269.03	269.66	270.30	270.94	271.58	272.21	272.85	273.49	274.13	274.76	275.40	276.04	276.68	277.31	277.95	278.59	279.23	279.86	280.50
2¾	287.99	288.68	289.37	290.06	290.75	291.44	292.13	292.83	293.52	294.21	294.90	295.59	296.28	296.97	297.66	298.35	299.04	299.73	300.42	301.11	301.80	302.49	303.18	303.87
3	310.14	310.89	311.63	312.38	313.13	313.88	314.61	315.35	316.09	316.84	317.58	318.33	319.07	319.81	320.55	321.30	322.04	322.78	323.53	324.28	325.02	325.76	326.51	327.25
3¼	332.30	333.09	333.89	334.69	335.48	336.28	337.07	337.86	338.65	339.44	340.23	341.02	341.81	342.60	343.39	344.18	344.97	345.76	346.55	347.34	348.13	348.92	349.71	350.50
3½	354.45	355.30	356.15	357.00	357.85	358.70	359.55	360.40	361.25	362.10	362.95	363.80	364.65	365.50	366.35	367.20	368.05	368.90	369.75	370.60	371.45	372.30	373.15	374.00
3¾	398.76	399.71	400.67	401.63	402.58	403.54	404.49	405.45	406.41	407.36	408.32	409.28	410.23	411.19	412.14	413.10	414.06	415.01	415.97	416.93	417.88	418.84	419.79	420.75
4	443.06	444.13	445.19	446.25	447.31	448.38	449.44	450.50	451.56	452.63	453.69	454.75	455.81	456.88	457.94	459.00	460.06	461.13	462.19	463.25	464.31	465.38	466.44	467.50
4¼	487.37	488.54	489.71	490.88	492.04	493.21	494.38	495.55	496.72	497.89	499.06	500.23	501.39	502.56	503.73	504.90	506.07	507.24	508.41	509.58	510.74	511.91	513.08	514.25
4½	531.68	532.95	534.22	535.50	536.78	538.05	539.33	540.61	541.88	543.15	544.43	545.70	546.98	548.25	549.53	550.80	552.08	553.35	554.63	555.90	557.18	558.45	559.73	561.00
4¾	575.98	577.36	578.74	580.13	581.51	582.89	584.27	585.65	587.03	588.41	589.79	591.18	592.56	593.94	595.32	596.70	598.08	599.46	600.84	602.23	603.61	604.99	606.37	607.75
5	620.29	621.78	623.26	624.75	626.24	627.73	629.21	630.70	632.19	633.68	635.16	636.65	638.14	639.63	641.11	642.60	644.09	645.58	647.07	648.55	650.04	651.53	653.01	654.50
5¼	664.59	666.19	667.78	669.38	670.97	672.56	674.16	675.75	677.34	678.94	680.53	682.13	683.72	685.31	686.91	688.50	690.09	691.69	693.28	694.88	696.47	698.06	699.66	701.25
5½	708.90	710.60	712.30	714.00	715.70	717.40	719.10	720.80	722.50	724.20	725.90	727.60	729.30	731.00	732.70	734.40	736.10	737.80	739.50	741.20	742.90	744.60	746.30	748.00
5¾	753.21	755.01	756.82	758.63	760.43	762.24	764.04	765.85	767.66	769.46	771.27	773.08	774.88	776.69	778.49	780.30	782.11	783.91	785.72	787.53	789.33	791.14	792.94	794.75
6	797.51	799.43	801.34	803.25	805.16	807.08	808.99	810.90	812.81	814.73	816.64	818.55	820.46	822.38	824.29	826.20	828.11	830.03	831.94	833.85	835.76	837.68	839.59	841.50

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																											
	110	110 1/4	110 1/2	111	111 1/4	111 1/2	111 3/4	112	112 1/4	112 1/2	112 3/4	113	113 1/4	113 1/2	113 3/4	114	114 1/4	114 1/2	114 3/4	115	115 1/4	115 1/2	115 3/4	116				
1/2	81.81	82.00	82.18	82.37	82.56	82.74	82.93	83.11	83.30	83.49	83.67	83.86	84.04	84.23	84.42	84.60	84.79	84.97	85.16	85.35	85.53	85.72	85.90	86.08	86.26	86.44		
3/4	93.50	93.71	93.93	94.14	94.35	94.56	94.78	94.99	95.20	95.41	95.63	95.84	96.05	96.26	96.48	96.69	96.90	97.11	97.33	97.54	97.75	97.96	98.18	98.39	98.60	98.81		
1	116.88	117.14	117.41	117.67	117.94	118.20	118.47	118.73	119.00	119.27	119.53	119.80	120.06	120.33	120.59	120.86	121.13	121.39	121.66	121.92	122.19	122.45	122.72	122.98	123.25	123.51	123.78	
1 1/4	140.25	140.57	140.89	141.21	141.53	141.84	142.16	142.48	142.80	143.12	143.44	143.76	144.08	144.39	144.71	145.03	145.35	145.67	145.99	146.31	146.63	146.94	147.26	147.58	147.90	148.22	148.54	
1 1/2	163.63	164.00	164.37	164.74	165.11	165.48	165.86	166.23	166.60	166.97	167.34	167.72	168.09	168.46	168.83	169.20	169.58	169.95	170.32	170.69	171.06	171.43	171.81	172.18	172.55	172.92	173.29	
1 3/4	187.00	187.43	187.86	188.28	188.70	189.13	189.55	189.98	190.40	190.83	191.25	191.68	192.10	192.53	192.95	193.38	193.80	194.23	194.65	195.08	195.50	195.93	196.35	196.78	197.20	197.63	198.05	
2	210.38	210.85	211.31	211.81	212.29	212.77	213.24	213.72	214.20	214.68	215.16	215.63	216.11	216.59	217.07	217.55	218.03	218.50	218.98	219.46	219.94	220.42	220.89	221.37	221.85	222.33	222.81	
2 1/4	233.75	234.28	234.81	235.34	235.88	236.41	236.94	237.47	238.00	238.53	239.06	239.59	240.13	240.66	241.19	241.72	242.25	242.78	243.31	243.84	244.38	244.91	245.44	245.97	246.50	247.03	247.56	248.09
2 1/2	257.13	257.71	258.29	258.88	259.46	260.05	260.63	261.22	261.80	262.39	262.97	263.55	264.14	264.72	265.31	265.89	266.48	267.06	267.64	268.23	268.81	269.40	269.98	270.57	271.15	271.74	272.32	272.91
2 3/4	280.50	281.14	281.78	282.41	283.05	283.69	284.33	284.96	285.60	286.24	286.88	287.51	288.15	288.79	289.43	290.06	290.70	291.34	291.98	292.61	293.25	293.89	294.53	295.17	295.81	296.45	297.09	
3	303.88	304.57	305.26	305.95	306.64	307.33	308.02	308.71	309.40	310.09	310.78	311.47	312.16	312.85	313.54	314.23	314.93	315.62	316.31	317.00	317.69	318.38	319.07	319.76	320.45	321.14	321.83	322.52
3 1/4	327.25	327.99	328.74	329.48	330.23	330.97	331.71	332.46	333.20	333.94	334.69	335.43	336.18	336.92	337.66	338.41	339.15	339.89	340.64	341.38	342.13	342.87	343.61	344.36	345.10	345.84	346.59	
3 1/2	350.63	351.42	352.22	353.02	353.81	354.61	355.41	356.20	357.00	357.80	358.59	359.39	360.19	360.98	361.78	362.58	363.38	364.17	364.97	365.77	366.56	367.36	368.16	368.95	369.75	370.55	371.35	
3 3/4	374.00	374.85	375.70	376.55	377.40	378.25	379.10	379.95	380.80	381.65	382.50	383.35	384.20	385.05	385.90	386.75	387.60	388.45	389.30	390.15	391.00	391.85	392.70	393.55	394.40	395.25	396.10	
4	420.75	421.71	422.66	423.62	424.58	425.53	426.49	427.44	428.40	429.36	430.31	431.27	432.23	433.18	434.14	435.09	436.05	437.01	437.96	438.92	439.88	440.83	441.79	442.75	443.70	444.66	445.61	
4 1/4	467.50	468.56	469.63	470.69	471.75	472.81	473.88	474.94	476.00	477.06	478.13	479.19	480.25	481.31	482.38	483.44	484.50	485.56	486.63	487.69	488.75	489.81	490.88	491.94	493.00	494.07	495.13	
4 1/2	514.25	515.42	516.59	517.76	518.93	520.09	521.26	522.43	523.60	524.77	525.94	527.11	528.28	529.44	530.61	531.78	532.95	534.12	535.29	536.46	537.63	538.79	539.96	541.13	542.30	543.47	544.64	
4 3/4	561.00	562.28	563.55	564.83	566.10	567.38	568.65	569.93	571.20	572.48	573.75	575.03	576.30	577.58	578.85	580.13	581.40	582.68	583.95	585.23	586.50	587.78	589.05	590.33	591.60	592.88	594.15	
5	607.75	609.13	610.51	611.89	613.28	614.66	616.04	617.42	618.80	620.18	621.56	622.94	624.33	625.71	627.09	628.47	629.85	631.23	632.61	633.99	635.38	636.76	638.14	639.52	640.90	642.28	643.66	
5 1/4	654.50	655.99	657.48	658.96	660.45	661.94	663.43	664.91	666.40	667.89	669.38	670.86	672.35	673.84	675.33	676.81	678.30	679.79	681.28	682.76	684.25	685.74	687.23	688.71	690.20	691.69	693.18	
5 1/2	701.25	702.84	704.44	706.03	707.63	709.22	710.81	712.41	714.00	715.59	717.19	718.78	720.38	721.97	723.56	725.16	726.75	728.34	729.94	731.53	733.13	734.72	736.31	737.90	739.50	741.09	742.68	
5 3/4	748.00	749.70	751.40	753.10	754.80	756.50	758.20	759.90	761.60	763.30	765.00	766.70	768.40	770.10	771.80	773.50	775.20	776.90	778.60	780.30	782.00	783.70	785.40	787.10	788.80	790.50	792.20	
6	794.75	796.56	798.36	800.17	801.98	803.78	805.59	807.39	809.20	811.01	812.81	814.62	816.43	818.23	820.04	821.84	823.65	825.46	827.26	829.07	830.88	832.68	834.49	836.29	838.10	839.90	841.71	
6 1/4	841.50	843.41	845.33	847.24	849.15	851.06	852.98	854.89	856.80	858.71	860.63	862.54	864.45	866.36	868.28	870.19	872.10	874.01	875.93	877.84	879.75	881.66	883.58	885.49	887.40	889.31	891.22	

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																						
	115¼	116	116½	116¾	117	117¼	117½	117¾	118	118½	118¾	119	119¼	119½	119¾	120	120¼	120½	121	121¼			
1¼	86.09	86.28	86.46	86.65	86.83	87.02	87.20	87.39	87.58	87.76	87.95	88.13	88.32	88.51	88.69	88.88	89.06	89.25	89.44	89.62	89.81	89.99	90.18
1½	98.33	98.60	98.81	99.03	99.24	99.45	99.66	99.88	100.09	100.30	100.51	100.73	100.94	101.15	101.36	101.56	101.79	102.00	102.21	102.43	102.64	102.85	103.06
1¾	122.98	123.25	123.52	123.78	124.05	124.31	124.58	124.84	125.11	125.38	125.64	125.91	126.17	126.44	126.70	126.97	127.23	127.50	127.77	128.03	128.30	128.56	128.83
2	147.58	147.90	148.22	148.54	148.86	149.18	149.49	149.81	150.13	150.45	150.77	151.09	151.41	151.73	152.04	152.36	152.68	153.00	153.32	153.64	153.96	154.28	154.59
2¼	172.18	172.55	172.92	173.29	173.67	174.04	174.41	174.78	175.15	175.53	175.90	176.27	176.64	177.01	177.38	177.76	178.13	178.50	178.87	179.24	179.62	179.99	180.36
2½	196.78	197.20	197.63	198.05	198.48	198.90	199.33	199.75	200.18	200.60	201.03	201.45	201.88	202.30	202.73	203.15	203.58	204.00	204.43	204.85	205.28	205.70	206.13
2¾	221.37	221.85	222.33	222.81	223.28	223.76	224.24	224.72	225.20	225.68	226.15	226.63	227.11	227.59	228.07	228.54	229.02	229.50	229.98	230.46	230.93	231.41	231.89
3	245.97	246.50	247.03	247.56	248.09	248.63	249.16	249.69	250.22	250.75	251.28	251.81	252.34	252.88	253.41	253.94	254.47	255.00	255.53	256.06	256.59	257.13	257.66
3¼	270.57	271.15	271.73	272.32	272.90	273.49	274.07	274.66	275.24	275.83	276.41	276.99	277.58	278.16	278.75	279.33	279.92	280.50	281.08	281.67	282.25	282.84	283.42
3½	295.16	295.80	296.44	297.08	297.71	298.35	298.99	299.63	300.26	300.90	301.54	302.18	302.81	303.45	304.09	304.73	305.36	306.00	306.64	307.28	307.91	308.55	309.19
3¾	319.76	320.45	321.14	321.83	322.52	323.21	323.90	324.59	325.28	325.98	326.67	327.36	328.05	328.74	329.43	330.12	330.81	331.50	332.19	332.88	333.57	334.26	334.95
4	344.36	345.10	345.84	346.59	347.33	348.08	348.82	349.56	350.31	351.05	351.79	352.54	353.28	354.03	354.77	355.51	356.26	357.00	357.74	358.49	359.23	359.98	360.72
4¼	368.95	369.75	370.55	371.34	372.14	372.94	373.73	374.53	375.33	376.13	376.92	377.72	378.52	379.31	380.11	380.91	381.70	382.50	383.30	384.09	384.89	385.69	386.48
4½	393.55	394.40	395.25	396.10	396.95	397.80	398.65	399.50	400.35	401.20	402.05	402.90	403.75	404.60	405.45	406.30	407.15	408.00	408.85	409.70	410.55	411.40	412.25
4¾	442.74	443.70	444.66	445.61	446.57	447.53	448.48	449.44	450.39	451.35	452.31	453.26	454.22	455.18	456.13	457.09	458.04	459.00	459.96	460.91	461.87	462.83	463.78
5	491.94	493.00	494.06	495.13	496.19	497.25	498.31	499.38	500.44	501.50	502.56	503.63	504.69	505.75	506.81	507.88	508.94	510.00	511.06	512.13	513.19	514.25	515.31
5¼	541.13	542.30	543.47	544.64	545.81	546.98	548.14	549.31	550.48	551.65	552.82	553.99	555.15	556.33	557.49	558.66	559.83	561.00	562.17	563.34	564.51	565.68	566.84
5½	590.33	591.60	592.88	594.15	595.43	596.70	597.98	599.25	600.53	601.80	603.08	604.35	605.63	606.90	608.18	609.45	610.73	612.00	613.28	614.55	615.83	617.10	618.38
5¾	639.52	640.90	642.28	643.66	645.04	646.43	647.81	649.19	650.57	651.95	653.33	654.71	656.09	657.48	658.86	660.24	661.62	663.00	664.38	665.76	667.14	668.53	669.91
6	688.71	690.20	691.69	693.18	694.66	696.15	697.64	699.13	700.61	702.10	703.59	705.08	706.56	708.05	709.54	711.03	712.51	714.00	715.49	716.98	718.46	719.95	721.44
6¼	737.91	739.50	741.09	742.69	744.28	745.88	747.47	749.06	750.66	752.25	753.84	755.44	757.03	758.63	760.22	761.81	763.41	765.00	766.59	768.19	769.78	771.38	772.97
6½	787.10	788.80	790.50	792.20	793.90	795.60	797.30	799.00	800.70	802.40	804.10	805.80	807.50	809.20	810.90	812.60	814.30	816.00	817.70	819.40	821.10	822.80	824.50
6¾	836.29	838.10	839.91	841.71	843.52	845.33	847.13	848.94	850.74	852.55	854.36	856.16	857.97	859.78	861.58	863.39	865.19	867.00	868.81	870.61	872.42	874.23	876.03
7	885.49	887.40	889.31	891.23	893.14	895.05	896.96	898.88	900.79	902.70	904.61	906.53	908.44	910.35	912.26	914.18	916.09	918.00	919.91	921.83	923.74	925.65	927.56

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																				
	121 ¹ / ₂	121 ³ / ₄	122	122 ¹ / ₄	122 ¹ / ₂	123	123 ¹ / ₄	123 ¹ / ₂	124	124 ¹ / ₄	124 ¹ / ₂	125	125 ¹ / ₄	125 ¹ / ₂	126	126 ¹ / ₄	126 ¹ / ₂	127			
¹ / ₂	90.37	90.55	90.74	90.92	91.11	91.30	91.48	91.67	91.85	92.04	92.23	92.41	92.60	92.78	92.97	93.15	93.34	93.53	93.71		
³ / ₄	103.28	103.49	103.70	103.91	104.13	104.34	104.55	104.76	104.98	105.19	105.40	105.61	105.83	106.04	106.25	106.46	106.68	106.89	107.10	107.31	
¹ / ₂	129.09	129.36	129.63	129.89	130.16	130.42	130.69	130.95	131.22	131.48	131.75	132.02	132.28	132.55	132.81	133.08	133.34	133.61	133.88	134.14	134.41
³ / ₈	154.91	155.23	155.55	155.87	156.19	156.51	156.83	157.14	157.46	157.78	158.10	158.42	158.74	159.06	159.38	159.69	160.01	160.33	160.65	160.97	161.29
¹ / ₂	180.73	181.10	181.48	181.85	182.22	182.59	182.96	183.33	183.71	184.08	184.45	184.82	185.19	185.57	185.94	186.31	186.68	187.05	187.43	187.80	188.17
³ / ₄	206.55	206.98	207.40	207.83	208.25	208.68	209.10	209.53	209.95	210.38	210.80	211.23	211.65	212.08	212.50	212.93	213.35	213.78	214.20	214.63	215.05
¹ / ₂	232.37	232.85	233.33	233.80	234.28	234.76	235.24	235.72	236.19	236.67	237.15	237.63	238.11	238.58	239.06	239.54	240.02	240.50	240.98	241.45	241.93
³ / ₈	258.19	258.72	259.25	259.78	260.31	260.84	261.38	261.91	262.44	262.97	263.50	264.03	264.56	265.09	265.63	266.16	266.69	267.22	267.75	268.28	268.81
¹ / ₂	284.01	284.59	285.18	285.76	286.34	286.93	287.51	288.10	288.68	289.27	289.85	290.43	291.02	291.60	292.19	292.77	293.36	293.94	294.53	295.11	295.69
³ / ₄	309.83	310.46	311.10	311.74	312.38	313.01	313.65	314.29	314.93	315.56	316.20	316.84	317.48	318.11	318.75	319.39	320.03	320.66	321.30	321.94	322.58
¹ / ₂	335.64	336.33	337.03	337.72	338.41	339.10	339.79	340.48	341.17	341.86	342.55	343.24	343.93	344.62	345.31	346.00	346.69	347.38	348.08	348.77	349.46
³ / ₈	361.46	362.21	362.95	363.69	364.44	365.18	365.93	366.67	367.41	368.16	368.90	369.64	370.39	371.13	371.88	372.62	373.36	374.11	374.85	375.59	376.34
¹ / ₂	387.28	388.08	388.88	389.67	390.47	391.27	392.06	392.86	393.66	394.45	395.25	396.05	396.84	397.64	398.44	399.23	400.03	400.83	401.63	402.42	403.22
³ / ₄	413.10	413.95	414.80	415.65	416.50	417.35	418.20	419.05	419.90	420.75	421.60	422.45	423.30	424.15	425.00	425.85	426.70	427.55	428.40	429.25	430.10
¹ / ₂	464.74	465.69	466.65	467.61	468.56	469.52	470.48	471.43	472.39	473.34	474.30	475.26	476.21	477.17	478.13	479.08	480.04	480.99	481.95	482.91	483.86
³ / ₈	516.38	517.44	518.50	519.56	520.63	521.69	522.75	523.81	524.88	525.94	527.00	528.06	529.13	530.19	531.25	532.31	533.38	534.44	535.50	536.56	537.63
¹ / ₂	568.01	569.18	570.35	571.52	572.69	573.86	575.03	576.19	577.36	578.53	579.70	580.87	582.04	583.21	584.38	585.54	586.71	587.88	589.05	590.22	591.39
³ / ₄	619.65	620.93	622.20	623.48	624.75	626.03	627.30	628.58	629.85	631.13	632.40	633.68	634.95	636.23	637.50	638.78	640.05	641.33	642.60	643.88	645.15
¹ / ₂	671.29	672.67	674.05	675.43	676.81	678.19	679.58	680.96	682.34	683.72	685.10	686.48	687.86	689.24	690.63	692.01	693.39	694.77	696.15	697.53	698.91
³ / ₈	722.93	724.41	725.90	727.39	728.88	730.36	731.85	733.34	734.83	736.32	737.80	739.29	740.78	742.26	743.75	745.24	746.73	748.21	749.70	751.19	752.68
¹ / ₂	774.56	776.16	777.75	779.34	780.94	782.53	784.13	785.72	787.31	788.91	790.50	792.09	793.68	795.27	796.86	798.45	800.04	801.63	803.22	804.81	806.40
³ / ₄	826.20	827.90	829.60	831.30	833.00	834.70	836.40	838.10	839.80	841.50	843.20	844.90	846.60	848.30	850.00	851.70	853.40	855.10	856.80	858.50	860.20
¹ / ₂	877.84	879.64	881.45	883.26	885.06	886.87	888.68	890.48	892.29	894.09	895.90	897.71	899.51	901.32	903.13	904.93	906.74	908.54	910.35	912.16	913.96
³ / ₄	929.48	931.39	933.30	935.21	937.13	939.04	940.95	942.86	944.78	946.69	948.60	950.51	952.43	954.34	956.25	958.16	960.08	961.99	963.90	965.81	967.73

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
TABLE IV.—Continued

Thickness, Inches	WIDTH, INCHES																							
	127 ¹ / ₄	127 ¹ / ₂	127 ³ / ₄	128	128 ¹ / ₄	128 ¹ / ₂	128 ³ / ₄	129	129 ¹ / ₄	129 ¹ / ₂	129 ³ / ₄	130	130 ¹ / ₄	130 ¹ / ₂	130 ³ / ₄	131	131 ¹ / ₄	131 ¹ / ₂	131 ³ / ₄	132	132 ¹ / ₄	132 ¹ / ₂	132 ³ / ₄	
³ / ₁₆	94.64	94.83	95.01	95.20	95.39	95.57	95.76	95.94	96.13	96.32	96.50	96.69	96.87	97.06	97.2	97.4	97.6	97.8	98.0	98.2	98.4	98.5	98.7	98.7
¹ / ₄	108.16	108.38	108.59	108.80	109.01	109.23	109.44	109.65	109.86	110.08	110.29	110.50	110.71	110.93	111.1	111.4	111.6	111.8	112.0	112.2	112.4	112.6	112.8	112.8
⁵ / ₁₆	135.20	135.47	135.73	136.00	136.27	136.53	136.80	137.06	137.33	137.59	137.86	138.13	138.39	138.66	138.9	139.2	139.5	139.7	140.0	140.3	140.5	140.8	141.1	141.1
³ / ₈	162.24	162.56	162.88	163.20	163.52	163.84	164.16	164.48	164.79	165.11	165.43	165.75	166.07	166.39	166.7	167.0	167.3	167.7	168.0	168.3	168.6	168.9	169.3	169.3
¹ / ₂	189.28	189.66	190.03	190.40	190.77	191.14	191.52	191.89	192.26	192.63	193.00	193.38	193.75	194.12	194.5	194.9	195.2	195.6	196.0	196.4	196.7	197.1	197.5	197.5
³ / ₄	216.33	216.75	217.18	217.60	218.03	218.45	218.88	219.30	219.73	220.15	220.58	221.00	221.43	221.85	222.3	222.7	223.1	223.6	224.0	224.4	224.8	225.3	225.7	225.7
⁷ / ₈	243.37	243.84	244.32	244.80	245.28	245.76	246.23	246.71	247.19	247.67	248.15	248.63	249.10	249.58	250.1	250.5	251.0	251.5	252.0	252.5	252.9	253.4	253.9	253.9
¹ / ₁	270.41	270.94	271.47	272.00	272.53	273.06	273.59	274.13	274.66	275.19	275.72	276.25	276.78	277.31	277.8	278.4	278.9	279.4	280.0	280.5	281.0	281.6	282.1	282.1
¹ / ₁	297.45	298.03	298.62	299.20	299.78	300.37	300.95	301.54	302.12	302.71	303.29	303.88	304.46	305.04	305.6	306.2	306.8	307.4	308.0	308.6	309.1	309.7	310.3	310.3
¹ / ₁	324.49	325.13	325.76	326.40	327.04	327.68	328.31	328.95	329.59	330.23	330.86	331.50	332.14	332.78	333.4	334.1	334.7	335.3	336.0	336.6	337.2	337.9	338.5	338.5
¹ / ₁	351.53	352.22	352.91	353.60	354.29	354.98	355.67	356.36	357.05	357.74	358.43	359.13	359.82	360.51	361.2	361.9	362.6	363.3	364.0	364.7	365.3	366.0	366.7	366.7
¹ / ₁	378.57	379.31	380.06	380.81	381.54	382.29	383.03	383.78	384.52	385.26	386.01	386.75	387.49	388.24	389.0	389.7	390.5	391.2	392.0	392.7	393.4	394.2	394.9	394.9
¹ / ₁	405.61	406.41	407.20	408.00	408.80	409.59	410.39	411.19	411.98	412.78	413.58	414.38	415.17	415.97	416.8	417.6	418.4	419.2	420.0	420.8	421.6	422.3	423.1	423.1
1	432.65	433.50	434.35	435.20	436.05	436.90	437.75	438.60	439.45	440.30	441.15	442.00	442.85	443.70	444.6	445.4	446.3	447.1	448.0	448.8	449.7	450.5	451.4	451.4
¹ / ₁	486.73	487.69	488.64	489.60	490.56	491.51	492.47	493.43	494.38	495.34	496.29	497.25	498.21	499.16	500.1	501.1	502.0	503.0	503.9	504.9	505.9	506.8	507.8	507.8
¹ / ₁	540.81	541.88	542.94	544.00	545.06	546.13	547.19	548.25	549.31	550.38	551.44	552.50	553.56	554.63	555.7	556.8	557.8	558.9	559.9	561.0	562.1	563.1	564.2	564.2
¹ / ₁	594.89	596.06	597.23	598.40	599.57	600.74	601.91	603.08	604.24	605.41	606.58	607.75	608.92	610.09	611.3	612.4	613.6	614.8	615.9	617.1	618.3	619.4	620.6	620.6
¹ / ₁	648.98	650.25	651.53	652.80	654.08	655.35	656.63	657.90	659.18	660.45	661.73	663.00	664.28	665.55	666.8	668.1	669.4	670.7	671.9	673.2	674.5	675.8	677.0	677.0
¹ / ₁	703.06	704.44	705.82	707.20	708.58	709.96	711.34	712.73	714.11	715.49	716.87	718.25	719.63	721.01	722.4	723.8	725.2	726.5	727.9	729.3	730.7	732.1	733.4	733.4
¹ / ₁	757.14	758.63	760.11	761.60	763.09	764.58	766.06	767.55	769.04	770.53	772.01	773.50	774.99	776.48	778.0	779.5	780.9	782.4	783.9	785.4	786.9	788.4	789.9	789.9
¹ / ₁	811.22	812.81	814.41	816.00	817.59	819.19	820.78	822.38	823.97	825.56	827.16	828.75	830.34	831.94	833.5	835.1	836.7	838.3	839.9	841.5	843.1	844.7	846.3	846.3
2	865.30	867.00	868.70	870.40	872.10	873.80	875.50	877.20	878.90	880.60	882.30	884.00	885.70	887.40	889.1	890.8	892.5	894.2	895.9	897.6	899.3	901.0	902.7	902.7
² / ₁	919.38	921.19	922.99	924.80	926.61	928.41	930.22	932.03	933.83	935.64	937.44	939.25	941.06	942.86	944.7	946.5	948.3	950.1	951.9	953.7	955.5	957.3	959.1	959.1
² / ₁	973.46	975.38	977.29	979.20	981.11	983.03	984.94	986.85	988.76	990.68	992.59	994.50	996.41	998.33	1000.2	1002.1	1004.0	1005.9	1007.8	1009.7	1011.6	1013.5	1015.4	1015.4

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL—CIRCLES—Pounds Each
 TABLE V.—Thickness from No. 12 Gage to 1 Inch. Diameters from 16 Inches to 134 Inches

DIAMETER, INCHES

Thickness, B. & W. G. and Inches	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½	23	23½	24	24½	25	25½	26	26½	27
No. 12	6.2	7.0	7.4	7.9	8.3	8.8	9.2	9.7	10.2	10.7	11.2	11.7	12.3	12.8	13.4	14.0	14.6	15.2	15.8	16.4	17.0	17.7	
No. 11	6.8	7.3	7.7	8.2	8.7	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.1	13.6	14.1	14.6	15.1	15.6	16.1	16.6	17.1	
No. 10	7.6	8.1	8.6	9.1	9.7	10.2	10.8	11.4	11.9	12.5	13.0	13.6	14.1	14.7	15.2	15.8	16.3	16.9	17.4	18.0	18.6	19.1	
No. 9	8.4	9.0	9.5	10.1	10.7	11.3	11.9	12.5	13.1	13.8	14.5	15.2	15.9	16.6	17.3	18.0	18.7	19.4	20.1	20.8	21.5	22.2	
No. 8	9.4	10.0	10.6	11.2	11.9	12.6	13.3	14.0	14.7	15.4	16.2	17.0	17.8	18.6	19.4	20.2	21.0	21.8	22.6	23.4	24.2	25.0	
1/8	10.7	11.4	12.1	12.8	13.5	14.3	15.1	15.9	16.7	17.5	18.4	19.3	20.2	21.1	22.0	22.9	23.8	24.7	25.6	26.5	27.4	28.3	
1/8	10.7	11.4	12.1	12.8	13.5	14.3	15.1	15.9	16.7	17.5	18.4	19.3	20.2	21.1	22.0	22.9	23.8	24.7	25.6	26.5	27.4	28.3	
3/16	11.8	12.6	13.3	14.1	14.9	15.8	16.7	17.6	18.5	19.4	20.3	21.2	22.1	23.0	23.9	24.8	25.7	26.6	27.5	28.4	29.3	30.2	
3/16	11.8	12.6	13.3	14.1	14.9	15.8	16.7	17.6	18.5	19.4	20.3	21.2	22.1	23.0	23.9	24.8	25.7	26.6	27.5	28.4	29.3	30.2	
1/4	13.1	14.0	14.9	15.8	16.7	17.6	18.5	19.4	20.3	21.2	22.1	23.0	23.9	24.8	25.7	26.6	27.5	28.4	29.3	30.2	31.1	32.0	
1/4	13.1	14.0	14.9	15.8	16.7	17.6	18.5	19.4	20.3	21.2	22.1	23.0	23.9	24.8	25.7	26.6	27.5	28.4	29.3	30.2	31.1	32.0	
5/16	14.5	15.5	16.4	17.4	18.4	19.4	20.4	21.4	22.4	23.4	24.4	25.4	26.4	27.4	28.4	29.4	30.4	31.4	32.4	33.4	34.4	35.4	
5/16	14.5	15.5	16.4	17.4	18.4	19.4	20.4	21.4	22.4	23.4	24.4	25.4	26.4	27.4	28.4	29.4	30.4	31.4	32.4	33.4	34.4	35.4	
3/8	16.0	17.1	18.2	19.3	20.4	21.5	22.6	23.7	24.8	25.9	27.0	28.1	29.2	30.3	31.4	32.5	33.6	34.7	35.8	36.9	38.0	39.1	
3/8	16.0	17.1	18.2	19.3	20.4	21.5	22.6	23.7	24.8	25.9	27.0	28.1	29.2	30.3	31.4	32.5	33.6	34.7	35.8	36.9	38.0	39.1	
7/16	17.6	18.8	20.0	21.2	22.4	23.6	24.8	26.0	27.2	28.4	29.6	30.8	32.0	33.2	34.4	35.6	36.8	38.0	39.2	40.4	41.6	42.8	
7/16	17.6	18.8	20.0	21.2	22.4	23.6	24.8	26.0	27.2	28.4	29.6	30.8	32.0	33.2	34.4	35.6	36.8	38.0	39.2	40.4	41.6	42.8	
1/2	19.2	20.5	21.8	23.1	24.4	25.7	27.0	28.3	29.6	30.9	32.2	33.5	34.8	36.1	37.4	38.7	40.0	41.3	42.6	43.9	45.2	46.5	
1/2	19.2	20.5	21.8	23.1	24.4	25.7	27.0	28.3	29.6	30.9	32.2	33.5	34.8	36.1	37.4	38.7	40.0	41.3	42.6	43.9	45.2	46.5	
9/16	20.9	22.3	23.7	25.1	26.5	27.9	29.3	30.7	32.1	33.5	34.9	36.3	37.7	39.1	40.5	41.9	43.3	44.7	46.1	47.5	48.9	50.3	
9/16	20.9	22.3	23.7	25.1	26.5	27.9	29.3	30.7	32.1	33.5	34.9	36.3	37.7	39.1	40.5	41.9	43.3	44.7	46.1	47.5	48.9	50.3	
5/8	22.6	24.1	25.6	27.1	28.6	30.1	31.6	33.1	34.6	36.1	37.6	39.1	40.6	42.1	43.6	45.1	46.6	48.1	49.6	51.1	52.6	54.1	
5/8	22.6	24.1	25.6	27.1	28.6	30.1	31.6	33.1	34.6	36.1	37.6	39.1	40.6	42.1	43.6	45.1	46.6	48.1	49.6	51.1	52.6	54.1	
3/4	24.4	26.0	27.6	29.2	30.8	32.4	34.0	35.6	37.2	38.8	40.4	42.0	43.6	45.2	46.8	48.4	50.0	51.6	53.2	54.8	56.4	58.0	
3/4	24.4	26.0	27.6	29.2	30.8	32.4	34.0	35.6	37.2	38.8	40.4	42.0	43.6	45.2	46.8	48.4	50.0	51.6	53.2	54.8	56.4	58.0	
7/8	26.3	28.0	29.7	31.4	33.1	34.8	36.5	38.2	39.9	41.6	43.3	45.0	46.7	48.4	50.1	51.8	53.5	55.2	56.9	58.6	60.3	62.0	
7/8	26.3	28.0	29.7	31.4	33.1	34.8	36.5	38.2	39.9	41.6	43.3	45.0	46.7	48.4	50.1	51.8	53.5	55.2	56.9	58.6	60.3	62.0	
1	28.3	30.1	31.9	33.7	35.5	37.3	39.1	40.9	42.7	44.5	46.3	48.1	49.9	51.7	53.5	55.3	57.1	58.9	60.7	62.5	64.3	66.1	
1	28.3	30.1	31.9	33.7	35.5	37.3	39.1	40.9	42.7	44.5	46.3	48.1	49.9	51.7	53.5	55.3	57.1	58.9	60.7	62.5	64.3	66.1	
1 1/8	30.4	32.3	34.2	36.1	38.0	39.9	41.8	43.7	45.6	47.5	49.4	51.3	53.2	55.1	57.0	58.9	60.8	62.7	64.6	66.5	68.4	70.3	
1 1/8	30.4	32.3	34.2	36.1	38.0	39.9	41.8	43.7	45.6	47.5	49.4	51.3	53.2	55.1	57.0	58.9	60.8	62.7	64.6	66.5	68.4	70.3	
1 1/4	32.6	34.6	36.6	38.6	40.6	42.6	44.6	46.6	48.6	50.6	52.6	54.6	56.6	58.6	60.6	62.6	64.6	66.6	68.6	70.6	72.6	74.6	
1 1/4	32.6	34.6	36.6	38.6	40.6	42.6	44.6	46.6	48.6	50.6	52.6	54.6	56.6	58.6	60.6	62.6	64.6	66.6	68.6	70.6	72.6	74.6	
1 3/8	34.9	37.0	39.1	41.2	43.3	45.4	47.5	49.6	51.7	53.8	55.9	58.0	60.1	62.2	64.3	66.4	68.5	70.6	72.7	74.8	76.9	79.0	
1 3/8	34.9	37.0	39.1	41.2	43.3	45.4	47.5	49.6	51.7	53.8	55.9	58.0	60.1	62.2	64.3	66.4	68.5	70.6	72.7	74.8	76.9	79.0	
1 1/2	37.4	39.6	41.8	44.0	46.2	48.4	50.6	52.8	55.0	57.2	59.4	61.6	63.8	66.0	68.2	70.4	72.6	74.8	77.0	79.2	81.4	83.6	
1 1/2	37.4	39.6	41.8	44.0	46.2	48.4	50.6	52.8	55.0	57.2	59.4	61.6	63.8	66.0	68.2	70.4	72.6	74.8	77.0	79.2	81.4	83.6	
1 5/8	40.0	42.3	44.6	46.9	49.2	51.5	53.8	56.1	58.4	60.7	63.0	65.3	67.6	69.9	72.2	74.5	76.8	79.1	81.4	83.7	86.0	88.3	
1 5/8	40.0	42.3	44.6	46.9	49.2	51.5	53.8	56.1	58.4	60.7	63.0	65.3	67.6	69.9	72.2	74.5	76.8	79.1	81.4	83.7	86.0	88.3	
1 3/4	42.7	45.1	47.5	49.9	52.3	54.7	57.1	59.5	61.9	64.3	66.7	69.1	71.5	73.9	76.3	78.7	81.1	83.5	85.9	88.3	90.7	93.1	
1 3/4	42.7	45.1	47.5	49.9	52.3	54.7	57.1	59.5	61.9	64.3	66.7	69.1	71.5	73.9	76.3	78.7	81.1	83.5	85.9	88.3	90.7	93.1	
1 7/8	45.4	47.9	50.4	52.9	55.4	57.9	60.4	62.9	65.4	67.9	70.4	72.9	75.4	77.9	80.4	82.9	85.4	87.9	90.4	92.9	95.4	97.9	
1 7/8	45.4	47.9	50.4	52.9	55.4	57.9	60.4	62.9	65.4	67.9	70.4	72.9	75.4	77.9	80.4	82.9	85.4	87.9	90.4	92.9	95.4	97.9	
2	48.2	50.8	53.4	56.0	58.6	61.2	63.8	66.4	69.0	71.6	74.2	76.8	79.4	82.0	84.6	87.2	89.8	92.4	95.0	97.6	100.2	102.8	
2	48.2	50.8	53.4	56.0	58.6	61.2	63.8	66.4	69.0	71.6	74.2	76.8	79.4	82.0	84.6	87.2	89.8	92.4	95.0	97.6	100.2	102.8	
2 1/8	51.1	53.8	56.5	59.2	61.9	64.6	67.3	70.0	72.7	75.4	78.1	80.8	83.5	86.2	88.9	91.6	94.3	97.0	99.7	102.4	105.1	107.8	
2 1/8	51.1	53.8	56.5	59.2	61.9	64.6	67.3	70.0	72.7	75.4	78.1	80.8	83.5	86.2	88.9	91.6	94.3	97.0	99.7	102.4	105.1	107.8	
2 1/4	54.1	56.9	59.7	62.5	65.3	68.1	70.9	73.7	76.5	79.3	82.1	84.9	87.7	90.5	93.3	96.1	98.9	101.7	104.5	107.3	110.1	112.9	
2 1/4	54.1	56.9	59.7	62.5	65.3	68.1	70.9	73.7	76.5	79.3	82.1	84.9	87.7	90.5	93.3	96.1	98.9	101.7	104.5	107.3	110.1	112.9	
2 3/8	57.1	60.0	62.9	65.8	68.7	71.6	74.5	77.4	80.3	83.2	86.1	89.0	91.9	94.8	97.7	100.6	103.5	106.4	109.3	112.2	115.1	118.0	
2 3/8	57.1	60.0	62.9	65.8	68.7	71.6	74.5	77.4															

CARNEGIE STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL—CIRCLES—Pounds Each
TABLE V—Continued

Thickness,
B. W. G.
and Inches

DIAMETER, INCHES

	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65
No. 12	44.8	47.0	49.1	51.3	53.6	55.9	58.2	60.6	63.1	65.6	68.1	70.7	73.4	76.1	78.8	81.6	84.4	87.3	90.3	93.2	96.3	99.4	102.5
No. 11	49.4	51.7	54.1	56.5	59.0	61.5	64.1	66.8	69.5	72.2	75.0	77.9	80.8	83.7	86.8	89.8	93.0	96.1	99.4	102.6	106.0	109.4	112.8
No. 10	55.1	57.7	60.4	63.1	65.9	68.7	71.6	74.3	77.6	80.6	83.8	87.0	90.2	93.5	96.9	100.3	103.8	107.3	111.0	114.6	118.4	122.2	126.0
No. 9	60.9	63.8	66.7	69.7	72.8	75.9	79.1	82.3	85.7	89.1	92.5	96.0	99.6	103.3	107.0	110.8	114.6	118.6	122.5	126.6	130.7	134.9	139.1
No. 8	67.9	71.1	74.4	77.7	81.1	84.6	88.2	91.8	95.5	99.3	103.1	107.1	111.1	115.1	119.3	123.5	127.8	132.2	136.6	141.1	145.7	150.4	155.1
1/8	71.1	80.8	84.5	88.3	92.2	96.1	100.2	104.3	108.5	112.8	117.2	121.7	126.2	130.8	135.6	140.4	145.2	150.1	155.3	160.4	165.6	170.9	176.3
1/4	102.9	107.7	112.7	117.7	122.9	128.2	133.6	139.1	144.7	150.4	156.3	162.2	168.3	174.5	180.7	187.1	193.7	200.3	207.0	213.9	220.8	227.9	235.0
3/8	128.6	134.6	140.8	147.1	153.6	160.2	167.0	173.9	180.9	188.0	195.3	202.8	210.4	218.1	225.9	233.9	242.1	250.3	258.8	267.3	276.0	284.8	293.8
1/2	154.3	161.6	169.0	176.6	184.3	192.3	200.4	208.6	217.0	225.6	234.4	243.3	252.4	261.7	271.1	280.7	290.5	300.5	310.5	320.8	331.2	341.8	352.6
5/8	180.0	188.5	197.1	206.0	215.1	224.3	233.8	243.4	253.2	263.3	273.5	283.9	294.5	305.3	316.3	327.5	338.9	350.5	362.3	374.2	386.4	398.8	411.3
1 1/8	205.7	215.4	225.3	235.4	245.8	256.4	267.1	278.2	289.4	300.9	312.5	324.4	336.6	348.9	361.5	374.3	387.3	400.6	414.0	427.4	441.6	455.7	470.1
1 1/4	231.4	242.3	253.5	264.9	276.5	288.4	300.5	312.9	325.6	338.5	351.6	365.0	378.6	392.5	406.7	421.1	435.7	450.6	465.8	481.2	496.8	512.7	528.9
1 3/8	257.2	269.5	281.6	294.3	307.2	320.4	333.9	347.7	361.7	376.1	390.7	405.6	420.7	436.2	451.9	467.9	484.1	500.7	517.5	534.6	552.0	569.7	587.6
1 1/2	282.9	296.2	309.8	323.7	338.0	352.5	367.3	382.5	397.9	413.7	429.7	446.1	462.8	479.8	497.1	514.7	532.6	550.8	569.3	588.1	607.2	626.6	646.4
1 5/8	308.6	323.1	338.0	353.2	368.7	384.5	400.7	417.2	434.1	451.3	468.8	486.7	504.9	523.4	542.2	561.4	581.0	600.8	621.0	641.6	662.4	683.6	705.1
66	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88
No. 12	105.7	108.9	112.2	115.5	118.9	122.3	125.7	129.3	132.8	136.4	140.1	143.8	147.6	151.4	155.2	159.1	163.1	167.1	171.1	175.2	179.4	183.6	187.8
No. 11	116.3	119.9	123.5	127.1	130.8	134.6	138.4	142.3	146.2	150.2	154.2	158.3	162.5	166.7	170.9	175.2	179.6	184.0	188.4	192.9	197.5	202.1	206.8
No. 10	129.9	133.9	137.9	142.0	146.1	150.3	154.6	158.9	163.3	167.7	172.2	176.8	181.4	186.1	190.8	195.6	200.5	205.4	210.4	215.4	220.5	225.7	230.9
No. 9	143.5	147.8	152.3	156.8	161.4	166.0	170.7	175.5	180.3	185.3	190.2	195.3	200.4	205.5	210.8	216.1	221.5	226.9	232.4	238.0	243.6	249.3	255.0
No. 8	159.9	164.8	169.8	174.8	179.9	185.1	190.3	195.7	201.1	206.5	211.7	217.7	223.4	229.2	235.0	240.9	246.9	252.9	259.1	265.3	271.6	277.9	284.3
1/8	121.2	124.9	128.6	132.4	136.3	140.2	144.2	148.2	152.3	156.5	160.7	164.9	169.2	173.6	178.0	182.5	187.0	191.6	196.3	201.0	205.7	210.5	215.4
1/4	181.8	187.3	192.9	198.6	204.4	210.3	216.3	222.3	228.3	234.7	241.0	247.4	253.9	260.4	267.0	273.8	280.6	287.4	294.4	301.5	308.6	315.8	323.1
3/8	242.3	249.7	257.2	264.9	272.6	280.4	288.4	296.5	304.6	312.9	321.3	329.8	338.5	347.2	356.0	365.0	374.1	383.3	392.5	401.9	411.5	421.1	430.8
1/2	312.9	321.6	331.1	340.7	350.6	360.5	370.6	380.8	391.2	401.7	412.3	423.1	434.0	445.1	456.3	467.6	479.1	490.7	502.4	514.3	526.4	538.5	550.8
5/8	363.5	374.6	385.9	397.3	408.9	420.7	432.6	444.7	457.0	469.4	482.0	494.8	507.7	520.8	534.1	547.5	561.1	574.9	588.8	602.9	617.3	631.6	646.2
1 1/8	424.1	437.0	450.5	463.5	477.0	490.8	504.7	518.8	533.1	547.6	562.3	577.2	592.3	607.6	623.1	638.8	654.6	670.7	686.9	703.4	720.0	736.9	753.9
1 1/4	494.7	499.5	514.5	529.5	544.5	559.5	574.5	589.5	604.5	619.5	634.5	649.5	664.5	679.5	694.4	712.1	730.0	748.1	766.5	785.1	803.9	822.9	842.2
1 3/8	545.3	561.9	578.8	595.9	613.3	631.0	648.9	667.0	685.4	704.1	723.0	742.1	761.5	781.2	801.1	821.3	841.7	862.3	883.2	904.4	925.8	947.4	969.3
1 1/2	605.8	624.3	643.1	662.2	681.5	701.1	721.0	741.2	761.6	782.3	803.3	824.6	846.2	868.0	890.1	912.5	935.2	958.1	981.4	1004.9	1028.6	1052.7	1077.0
1 5/8	666.4	686.8	707.4	728.4	749.6	771.2	793.1	815.3	837.8	860.6	883.7	907.1	930.8	954.8	979.1	1003.8	1028.7	1053.9	1079.5	1105.3	1131.5	1158.0	1184.7
1 3/4	727.0	749.2	771.7	794.5	817.8	841.3	865.2	889.4	913.9	938.8	964.0	989.5	1015.4	1041.6	1068.1	1095.0	1122.2	1149.8	1177.6	1205.8	1234.4	1263.2	1292.5

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL—CIRCLES—Pounds Each

TABLE V—Continued

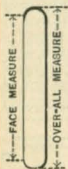
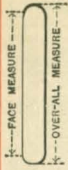
DIAMETER, INCHES

Thickness	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
$\frac{1}{16}$	220.3	225.3	230.3	235.3	240.6	245.8	251.0	256.4	261.7	267.1	272.6	278.2	283.8	289.4	295.1	300.9	306.7	312.5	318.5	324.4	330.5	336.6	342.7
$\frac{1}{8}$	330.5	338.0	345.5	353.4	360.9	368.7	376.6	384.5	392.6	400.7	408.9	417.2	425.6	434.1	442.7	451.3	460.0	468.8	477.7	486.7	495.7	504.9	514.1
$\frac{3}{16}$	440.7	450.6	460.7	470.9	481.2	491.6	502.1	512.7	523.4	534.3	545.3	556.3	567.5	578.8	590.2	601.7	613.3	625.1	636.9	648.9	661.0	673.2	685.4
$\frac{1}{4}$	550.8	563.3	575.9	588.6	601.5	614.5	627.6	640.9	654.3	667.9	681.6	695.4	709.4	723.5	737.8	752.1	766.7	781.4	796.2	811.1	826.2	841.4	856.8
$\frac{5}{16}$	661.0	675.9	691.0	706.3	721.7	737.4	753.1	769.1	785.2	801.4	817.9	834.5	851.3	868.2	885.3	902.6	920.0	937.5	955.4	973.3	991.5	1009.7	1028.2
$\frac{3}{8}$	771.2	788.6	806.2	824.0	842.0	860.3	878.6	897.2	916.0	935.0	954.2	973.6	993.1	1012.9	1033.0	1053.9	1073.9	1093.9	1114.6	1135.6	1156.7	1178.0	1199.5
$\frac{7}{16}$	881.3	901.2	921.4	941.7	962.3	983.1	1004.2	1025.4	1046.9	1068.6	1090.5	1112.6	1135.0	1157.9	1180.4	1203.4	1226.7	1250.3	1274.3	1298.7	1323.1	1346.3	1370.9
$\frac{1}{2}$	991.5	1013.9	1036.6	1059.5	1082.6	1106.0	1129.7	1153.6	1177.8	1202.2	1226.8	1251.7	1276.9	1302.3	1328.0	1353.9	1380.0	1406.4	1433.1	1460.1	1487.2	1514.6	1542.3
$\frac{9}{16}$	1101.7	1126.6	1151.7	1177.2	1202.9	1228.9	1255.2	1281.8	1308.6	1335.7	1363.1	1390.8	1418.8	1447.0	1475.5	1504.3	1533.4	1562.7	1592.3	1622.2	1652.4	1682.9	1713.6
$\frac{5}{8}$	1211.8	1239.2	1266.9	1294.9	1323.2	1351.8	1380.7	1409.9	1439.5	1469.3	1499.4	1529.9	1560.6	1591.7	1623.1	1654.8	1686.7	1719.0	1751.6	1784.5	1817.7	1851.2	1885.0
$\frac{3}{4}$	1322.0	1351.9	1382.1	1412.6	1443.5	1474.7	1506.2	1538.1	1570.3	1602.9	1635.8	1669.0	1702.5	1736.4	1770.6	1805.2	1840.0	1875.3	1910.8	1946.7	1982.9	2019.5	2056.3
$\frac{7}{8}$	1432.2	1464.5	1497.2	1530.3	1563.8	1597.6	1631.8	1666.3	1701.2	1736.5	1772.1	1808.1	1844.4	1881.1	1918.2	1955.6	1993.4	2031.5	2070.0	2108.9	2148.1	2187.7	2227.7
$\frac{15}{16}$	1542.3	1577.2	1612.4	1648.1	1694.1	1720.5	1757.3	1794.5	1832.1	1870.0	1908.4	1947.1	1986.3	2025.8	2065.7	2106.0	2146.7	2187.8	2229.3	2271.1	2313.1	2356.0	2399.1
1	1652.5	1689.8	1727.6	1765.8	1804.4	1843.4	1882.8	1922.7	1963.9	2005.3	2047.4	2089.6	2128.1	2170.5	2213.3	2256.4	2300.0	2344.1	2388.5	2433.3	2478.6	2524.3	2570.4
$1\frac{1}{8}$	1762.7	1802.5	1842.8	1883.5	1924.7	1966.3	2008.3	2050.8	2093.8	2137.2	2181.0	2225.3	2270.0	2315.2	2360.8	2406.9	2453.4	2500.3	2547.7	2595.6	2643.9	2692.6	2741.8
Thick- ness	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134
$\frac{1}{8}$	348.9	355.2	361.5	367.9	374.3	380.8	387.3	393.9	400.6	407.3	414.0	420.8	427.7	434.6	441.6	448.6	455.7	462.9	470.1	477.4	484.7	492.0	499.5
$\frac{1}{16}$	523.4	532.8	542.2	551.8	561.4	571.2	581.0	590.9	600.8	610.9	621.0	631.2	641.6	651.9	662.4	673.0	683.6	694.3	705.1	716.0	727.0	738.1	749.2
$\frac{3}{16}$	697.9	710.4	723.0	735.7	748.6	761.6	774.6	787.8	801.1	814.5	828.0	841.7	855.4	869.3	883.2	897.3	911.5	925.8	940.2	954.7	969.3	984.1	998.9
$\frac{1}{4}$	872.3	888.0	903.7	919.7	935.7	951.9	968.3	984.8	1001.4	1018.1	1035.0	1052.1	1069.3	1086.6	1104.0	1121.6	1139.4	1157.2	1175.2	1193.4	1211.7	1230.1	1248.7
$\frac{5}{16}$	1046.8	1065.6	1084.5	1103.6	1122.9	1142.3	1161.9	1181.7	1201.7	1221.8	1242.0	1262.5	1283.1	1303.9	1324.8	1345.9	1367.2	1388.7	1410.3	1432.1	1454.0	1476.1	1498.4
$\frac{3}{8}$	1221.2	1243.1	1265.2	1287.5	1310.0	1332.7	1355.6	1378.7	1401.9	1425.1	1449.1	1472.9	1497.0	1521.2	1545.6	1570.3	1595.1	1620.0	1645.3	1670.7	1696.3	1722.1	1748.1
$\frac{7}{16}$	1395.7	1420.7	1446.0	1471.5	1497.2	1523.1	1549.3	1575.6	1602.2	1629.0	1656.1	1683.3	1710.8	1738.5	1766.4	1794.6	1823.0	1851.6	1880.4	1909.4	1938.7	1968.2	1997.9
$\frac{1}{2}$	1570.2	1598.3	1626.7	1655.4	1684.3	1713.3	1742.9	1772.6	1802.5	1832.7	1863.1	1893.7	1924.7	1955.8	1987.2	2018.9	2050.8	2083.0	2115.4	2148.1	2181.0	2214.2	2247.6
$\frac{9}{16}$	1744.6	1775.9	1807.5	1839.3	1871.5	1903.9	1936.6	1969.5	2002.8	2036.3	2070.1	2104.2	2138.5	2173.1	2208.0	2243.2	2278.7	2314.4	2350.5	2386.8	2423.3	2460.2	2497.3
$\frac{5}{8}$	1919.1	1952.5	1986.2	2020.3	2054.8	2094.3	2130.2	2166.5	2203.0	2239.7	2277.1	2314.1	2352.4	2390.9	2429.8	2469.2	2509.0	2549.6	2590.5	2632.5	2675.5	2719.0	2762.7
$\frac{3}{4}$	2093.6	2131.1	2169.0	2207.2	2245.8	2284.7	2323.9	2363.3	2403.3	2443.5	2484.1	2525.0	2566.2	2607.8	2649.9	2692.4	2735.4	2778.9	2822.8	2867.1	2911.8	2956.9	3002.4
$\frac{7}{8}$	2268.0	2308.7	2349.7	2391.1	2432.9	2475.0	2517.5	2560.4	2603.6	2647.2	2691.1	2735.4	2780.1	2825.1	2870.5	2916.2	2962.3	3008.8	3055.6	3102.8	3150.3	3198.3	3246.8
1	2442.5	2486.3	2530.9	2575.1	2620.0	2665.4	2711.2	2757.3	2803.9	2850.8	2898.1	2945.8	2993.9	3042.4	3091.3	3140.5	3190.0	3240.0	3290.3	3341.1	3392.7	3444.0	3496.3
$1\frac{1}{8}$	2616.9	2663.9	2711.2	2759.0	2807.2	2855.8	2904.8	2954.3	3004.1	3054.4	3105.1	3156.2	3207.8	3259.7	3312.1	3364.9	3418.1	3471.7	3525.7	3580.2	3635.0	3690.3	3746.0
$1\frac{1}{4}$	2791.4	2841.5	2892.0	2943.0	2994.4	3046.2	3098.5	3151.2	3204.4	3258.1	3312.1	3366.7	3421.6	3477.0	3532.9	3589.9	3647.3	3703.1	3760.3	3818.8	3877.4	3936.3	3995.7

CARNEGIE STEEL COMPANY

WEIGHTS OF ROUND EDGE FLATS, Pounds Per Lineal Foot
FACE MEASURE

Thickness, B. W. G. and Inches



Face Measure, Inches	No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1
$\frac{3}{8}$	132	153	170	192	215	243	178	393	514	645	788	937	1093	1256	1427	1605
$\frac{7}{16}$	152	176	196	221	246	278	204	321	446	578	714	854	1000	1153	1314	1482
$\frac{1}{2}$	172	199	221	249	278	313	231	361	499	647	805	971	1147	1332	1525	1726
$\frac{5}{8}$	192	223	247	278	309	348	258	400	552	714	884	1064	1253	1451	1658	1874
$\frac{3}{4}$	213	246	272	306	341	383	284	440	605	780	964	1157	1360	1572	1793	2023
$\frac{7}{8}$	233	269	298	335	372	418	311	480	659	847	1044	1250	1466	1692	1928	2174
1	253	292	323	363	403	453	337	520	712	913	1123	1343	1572	1816	2066	2322
$1\frac{1}{8}$	273	315	349	392	435	488	364	560	765	979	1203	1436	1678	1926	2181	2442
$1\frac{1}{4}$	293	338	374	420	466	523	390	618	836	1064	1293	1529	1785	2046	2314	2588
$1\frac{3}{8}$	314	362	400	448	498	558	417	639	871	1112	1362	1622	1891	2165	2446	2734
$1\frac{1}{2}$	334	385	425	477	529	593	444	679	924	1179	1442	1715	1997	2335	2689	3059
$1\frac{3}{4}$	354	408	451	505	561	628	470	719	977	1245	1522	1808	2103	2454	2839	3240
$1\frac{7}{8}$	374	431	476	534	592	663	497	759	1030	1311	1601	1901	2210	2574	2985	3418
$1\frac{1}{2}$	394	454	502	562	624	699	523	799	1084	1378	1681	1994	2316	2693	3128	3577
$1\frac{5}{8}$	414	477	527	591	655	734	550	839	1137	1444	1761	2087	2422	2813	3260	3737
$1\frac{3}{4}$	435	501	553	618	686	769	576	879	1190	1511	1841	2180	2528	2932	3423	3896
$1\frac{7}{8}$	455	524	578	648	718	804	603	918	1243	1577	1920	2273	2635	3052	3566	4066
$1\frac{1}{2}$	475	547	604	676	749	839	629	968	1296	1643	2000	2366	2741	3171	3519	3867
$1\frac{3}{4}$	495	570	629	705	781	874	656	998	1349	1710	2080	2459	2847	3291	3652	4013
$1\frac{7}{8}$	515	593	655	733	812	909	683	1038	1402	1776	2159	2552	2953	3410	3784	4159
$1\frac{1}{2}$	536	616	680	762	844	944	709	1078	1455	1843	2239	2645	3060	3530	3917	4305
$1\frac{3}{4}$	556	640	706	790	875	979	736	1118	1509	1909	2319	2738	3166	3649	4050	4451
$1\frac{7}{8}$	576	663	731	819	907	1014	762	1157	1562	1975	2398	2831	3272	3769	4183	4597
$1\frac{1}{2}$	596	686	757	847	938	1049	789	1197	1615	2042	2478	2924	3378	3888	4316	4743
$1\frac{3}{4}$	616	709	782	876	970	1084	815	1237	1668	2108	2558	3016	3485	3988	4449	4889
$1\frac{7}{8}$	637	732	808	904	1001	1119	842	1277	1721	2175	2637	3109	3591	4128	4635	5090
2	657	755	833	933	1032	1154	869	1317	1774	2241	2717	3202	3697	4247	4714	5182
$2\frac{1}{8}$	677	778	859	961	1064	1189	895	1357	1827	2307	2797	3295	3803	4367	4847	5328
$2\frac{1}{4}$	697	802	884	989	1096	1224	922	1396	1880	2374	2876	3388	3910	4486	4980	5474
$2\frac{3}{8}$	717	825	910	1018	1127	1260	948	1434	1934	2440	2956	3481	4016	4606	5113	5620
$2\frac{1}{2}$	737	848	935	1045	1158	1295	975	1476	1987	2509	3036	3574	4122	4725	5245	5766
$2\frac{3}{4}$	758	871	961	1075	1190	1330	1001	1516	2040	2573	3116	3667	4228	4845	5378	5912
$2\frac{7}{8}$	778	894	986	1103	1221	1365	1028	1556	2093	2639	3195	3760	4335	4964	5511	6058
$2\frac{1}{2}$	798	917	1012	1132	1253	1400	1054	1596	2146	2706	3275	3853	4441	5084	5644	6204
$2\frac{3}{4}$	818	941	1037	1160	1284	1435	1081	1636	2199	2772	3355	3946	4547	5203	5771	6350

WEIGHTS OF ROUND EDGE FLATS

WEIGHTS OF ROUND EDGE FLATS, Pounds Per Lineal Foot FACE MEASURE—Concluded

Face Measure, Inches	Thickness, B. W. G. and Inches																				
	No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	1									
$\frac{9}{16}$	.859	.987	1.088	1.217	1.347	1.505	1.134	1.715	2.305	2.905	3.514	4.132	4.760	5.442	6.042	6.643	7.243	7.971	8.580	9.189	9.798
$\frac{7}{8}$	.899	1.033	1.139	1.274	1.410	1.575	1.187	1.795	2.412	3.038	3.673	4.318	4.972	5.681	6.308	6.935	7.562	8.316	8.952	9.587	10.223
$\frac{1}{2}$	.939	1.080	1.190	1.331	1.473	1.645	1.240	1.875	2.518	3.171	3.833	4.504	5.185	5.921	6.574	7.227	7.881	8.661	9.323	9.986	10.648
$\frac{3}{8}$	.980	1.126	1.241	1.388	1.536	1.715	1.294	1.964	2.624	3.304	3.992	4.690	5.397	6.160	6.839	7.519	8.199	9.007	9.695	10.384	11.073
$\frac{1}{4}$	1.445	1.599	1.785	1.347	2.034	2.730	3.456	4.151	4.876	5.610	6.399	7.105	7.811	8.518	9.352	10.067	10.783	11.498
$\frac{3}{16}$	1.502	1.661	1.856	1.400	2.114	2.837	3.569	4.311	5.062	5.822	6.638	7.370	8.103	8.837	9.637	10.439	11.181	11.923
$\frac{1}{8}$	1.559	1.724	1.926	1.453	2.193	2.943	3.702	4.470	5.248	6.045	6.877	7.636	8.398	9.156	10.043	10.811	11.579	12.348
$\frac{1}{16}$	1.616	1.787	1.996	1.506	2.273	3.049	3.835	4.630	5.434	6.247	7.116	7.902	8.688	9.474	10.388	11.183	11.978	12.773
$\frac{3}{32}$	2.353	3.155	3.968	4.789	5.620	6.460	7.355	8.157	8.980	9.793	10.733	11.555	12.377	13.198
$\frac{1}{4}$	2.432	3.262	4.100	4.948	5.806	6.672	7.594	8.433	9.272	10.112	11.079	11.927	12.775	13.623
$\frac{5}{16}$	2.512	3.368	4.233	5.108	5.991	6.885	7.833	8.699	9.564	10.431	11.424	12.298	13.173	14.048
$\frac{3}{8}$	2.592	3.474	4.366	5.267	6.177	7.097	8.072	8.964	9.857	10.749	11.769	12.572	13.473	14.373
$\frac{1}{2}$	3.580	4.499	5.426	6.363	7.310	8.311	9.230	10.149	11.068	12.115	13.042	13.970	14.898
$\frac{3}{4}$	3.687	4.632	5.586	6.549	7.522	8.550	9.495	10.441	11.387	12.460	13.414	14.369	15.323
$\frac{1}{8}$	3.793	4.764	5.745	6.735	7.735	8.789	9.761	10.733	11.706	12.805	13.786	14.767	15.748
$\frac{1}{16}$	3.899	4.897	5.905	6.921	7.947	9.028	10.027	11.025	12.024	13.150	14.158	15.166	16.173
$\frac{3}{32}$	4.005	5.030	6.064	7.107	8.160	9.267	10.252	11.318	12.343	13.496	14.530	15.564	16.598
$\frac{1}{4}$	4.112	5.163	6.223	7.293	8.372	9.506	10.558	11.610	12.662	13.841	14.902	15.962	17.023
$\frac{5}{16}$	4.218	5.296	6.383	7.479	8.585	9.746	10.824	11.902	12.981	14.186	15.273	16.361	17.448
$\frac{3}{8}$	4.324	5.429	6.542	7.665	8.797	9.985	11.089	12.194	13.299	14.532	15.645	16.759	17.873
$\frac{1}{2}$	4.430	5.561	6.701	7.851	9.010	10.224	11.355	12.486	13.618	14.877	16.017	17.158	18.298
$\frac{5}{8}$	4.537	5.694	6.861	8.037	9.222	10.463	11.620	12.778	13.937	15.222	16.389	17.556	18.723
$\frac{3}{4}$	4.643	5.827	7.020	8.223	9.435	10.702	11.886	13.071	14.256	15.568	16.761	17.955	19.148
$\frac{1}{8}$	4.749	5.960	7.180	8.409	9.647	10.941	12.152	13.363	14.574	15.913	17.133	18.353	19.573
$\frac{3}{16}$	4.855	6.093	7.339	8.595	9.860	11.180	12.417	13.655	14.893	16.258	17.505	18.752	19.998
$\frac{1}{4}$	4.962	6.225	7.498	8.781	10.072	11.419	12.683	13.947	15.212	16.604	17.877	19.150	20.423
$\frac{5}{16}$	5.068	6.358	7.658	8.966	10.285	11.658	12.949	14.239	15.531	16.949	18.248	19.548	20.848
$\frac{3}{8}$	5.174	6.491	7.817	9.152	10.497	11.897	13.214	14.532	15.849	17.294	18.620	19.947	21.273

To obtain Over-all Measure for any thickness, add to Face Measure the Increment given in table below for corresponding thickness.

Thickness B. W. G. and Inches											
No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	1
.0475	.0545	.0600	.0670	.0740	.0825	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$

Increment, Inches

CARNEGIE STEEL COMPANY

WEIGHTS OF ROUND EDGE FLATS, Pounds Per Lineal Foot
OVER-ALL MEASURE

Thickness, B. W. G. and Inches

Over-all Measure, Inches	Thickness, B. W. G. and Inches													
	No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	1/8	1/4	3/8	1/2	5/8	3/4	1	
1/8	117	133	146	162	177	196	221	287	348	406	466	553	665	803
1/4	137	156	171	190	209	232	278	348	415	486	566	646	758	898
3/8	157	179	197	219	240	267	301	393	481	566	646	722	848	1000
1/2	177	202	224	247	272	302	341	446	548	645	739	828	960	1120
5/8	197	226	248	276	303	337	380	499	614	725	832	900	1040	1200
3/4	217	249	273	304	335	372	420	552	680	805	925	1041	1183	1350
7/8	238	272	299	333	366	407	460	605	747	884	1018	1147	1299	1470
1	258	295	324	361	398	442	500	659	813	964	1111	1253	1378	1529
1 1/8	278	318	350	389	429	477	540	712	880	1044	1204	1360	1498	1659
1 1/4	298	341	375	416	461	512	580	765	946	1123	1297	1466	1617	1792
1 1/2	318	365	401	446	492	547	620	818	1013	1203	1390	1572	1737	1925
1 3/4	339	388	426	475	523	582	659	871	1079	1283	1483	1678	1856	2058
1 7/8	359	411	452	503	555	617	699	924	1145	1362	1575	1785	1976	2206
2	379	434	477	532	586	652	739	977	1212	1442	1668	1891	2096	2324
2 1/8	399	457	503	560	618	687	779	1030	1278	1522	1761	1997	2215	2456
2 1/4	419	480	528	589	649	722	819	1084	1345	1601	1854	2103	2335	2589
2 1/2	440	503	554	617	681	757	859	1137	1411	1681	1947	2210	2454	2722
2 3/4	460	527	579	646	712	793	898	1190	1477	1761	2040	2316	2574	2855
2 7/8	480	550	605	674	744	828	938	1243	1544	1841	2133	2422	2693	2988
3	500	573	630	703	775	863	978	1296	1610	1920	2226	2528	2813	3100
3 1/8	520	596	656	731	806	898	1018	1349	1677	2000	2319	2635	2932	3253
3 1/4	540	619	681	760	838	933	1058	1402	1743	2080	2412	2741	3052	3386
3 1/2	561	642	707	788	869	968	1098	1455	1809	2159	2505	2847	3171	3519
3 3/4	581	666	732	817	901	1003	1137	1509	1876	2239	2598	2953	3291	3652
3 7/8	601	689	758	845	932	1038	1177	1562	1942	2319	2691	3060	3410	3784
4	621	712	783	874	964	1073	1217	1615	2009	2398	2784	3166	3530	3917
4 1/8	641	735	809	902	995	1108	1257	1668	2078	2478	2877	3272	3649	4050
4 1/4	662	758	834	930	1027	1143	1297	1721	2141	2558	2970	3378	3769	4183
4 1/2	682	781	859	959	1058	1178	1337	1774	2208	2637	3063	3485	3888	4316
4 3/4	702	805	885	987	1090	1213	1377	1827	2274	2717	3156	3591	4028	4499
4 7/8	722	828	911	1016	1121	1248	1416	1880	2341	2797	3249	3697	4158	4681
5	742	851	936	1044	1152	1283	1456	1934	2407	2876	3342	3803	4267	4714
5 1/8	763	874	962	1073	1184	1318	1501	1987	2473	2956	3435	3916	4387	4840
5 1/4	783	897	987	1101	1215	1354	1536	2040	2540	3036	3528	4016	4486	4947
5 1/2	803	920	1013	1130	1247	1389	1576	2093	2606	3116	3621	4122	4606	5113

WEIGHTS OF ROUND EDGE FLATS, Pounds Per Lineal Foot OVER-ALL MEASURE—Concluded

Thickness, B. W. G. and Inches

Over-all Measure, Inches	Thickness, B. W. G. and Inches																				
	No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	1/8	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1					
2 5/8	.843	.967	1.064	1.187	1.310	1.459	1.108	1.199	2.739	3.275	3.807	4.335	4.845	5.378	5.912	6.446	6.985	7.464	7.994	8.523	
2 3/4	.884	1.013	1.115	1.244	1.373	1.529	1.161	2.305	2.872	3.434	3.993	4.547	5.084	5.644	6.204	6.765	7.280	7.836	8.392	8.948	
2 1/2	.924	1.059	1.166	1.301	1.435	1.599	1.214	1.815	3.004	3.594	4.179	4.760	5.323	5.909	6.496	7.084	7.625	8.208	8.791	9.373	
3	.964	1.106	1.217	1.358	1.498	1.669	1.338	2.018	3.338	3.753	4.365	4.972	5.562	6.175	6.789	7.402	8.050	8.689	9.319	9.938	
3 1/8	1.415	1.561	3.270	3.912	4.551	5.185	5.801	6.441	7.081	7.721	8.361	8.952	9.587	10.223	
3 1/4	1.472	1.624	2.730	3.403	4.072	4.736	5.397	6.040	6.706	7.373	8.040	8.661	9.323	9.986	10.648
3 1/2	1.528	1.687	2.837	3.536	4.231	4.922	5.610	6.279	6.972	7.665	8.359	9.007	9.695	10.384	11.073
3 3/8	1.479	1.950	2.943	3.669	4.391	5.108	5.822	6.518	7.238	7.957	8.677	9.352	10.067	10.783	11.498
3 1/2	2.293	3.049	3.802	4.550	5.294	6.035	6.757	7.503	8.250	8.996	9.697	10.439	11.181	11.923	12.665
3 3/4	2.373	3.155	3.934	4.709	5.480	6.247	6.996	7.763	8.542	9.314	10.043	10.811	11.580	12.348	13.116
4	2.452	3.262	4.067	4.869	5.666	6.460	7.235	8.034	8.834	9.634	10.388	11.183	11.978	12.773	13.568
4 1/8	2.532	3.368	4.200	5.028	5.852	6.672	7.474	8.300	9.126	9.952	10.733	11.555	12.377	13.198	14.019
4 1/4	3.474	4.333	5.187	6.038	6.885	7.713	8.566	9.418	10.271	11.079	11.927	12.775	13.623	14.471
4 1/2	3.580	4.466	5.347	6.224	7.097	7.953	8.831	9.710	10.590	11.424	12.298	13.173	14.048	14.923
4 3/8	3.687	4.598	5.506	6.410	7.310	8.192	9.097	10.003	10.909	11.769	12.670	13.572	14.473	15.374
4 1/2	3.793	4.731	5.666	6.596	7.522	8.431	9.363	10.295	11.227	12.115	13.042	13.970	14.898	15.823
4 3/4	3.899	4.864	5.825	6.782	7.735	8.670	9.628	10.579	11.546	12.460	13.414	14.369	15.323	16.278
4 5/8	4.005	4.997	5.984	6.968	7.947	8.909	9.894	10.879	11.865	12.805	13.756	14.767	15.748	16.719
4 1/2	4.112	5.130	6.144	7.154	8.160	9.148	10.159	11.171	12.184	13.160	14.188	15.166	16.173	17.180
5 1/8	4.218	5.263	6.303	7.340	8.372	9.387	10.425	11.464	12.502	13.496	15.564	16.598	17.623	18.648
5 1/4	4.324	5.395	6.462	7.525	8.585	9.626	10.691	11.756	12.821	13.841	14.902	15.962	17.023	18.083
5 3/8	4.430	5.528	6.622	7.711	8.797	9.865	10.956	12.048	13.140	14.186	15.273	16.361	17.448	18.535
5 1/2	4.537	5.661	6.781	7.897	9.010	10.104	11.222	12.340	13.459	14.532	15.645	16.759	17.873	18.986
5 3/4	4.643	5.794	6.941	8.083	9.222	10.343	11.488	12.632	13.777	14.877	16.017	17.158	18.298	19.438
5 1/2	4.749	5.927	7.100	8.269	9.435	10.582	11.753	12.925	14.096	15.222	16.389	17.556	18.723	19.890
5 3/4	4.855	6.059	7.259	8.455	9.647	10.821	12.019	13.217	14.415	15.568	16.761	17.955	19.148	20.341
5 5/8	4.962	6.192	7.419	8.641	9.860	11.060	12.284	13.509	14.734	15.913	17.133	18.353	19.573	20.793
6	5.068	6.325	7.578	8.827	10.072	11.299	12.550	13.801	15.052	16.258	17.505	18.752	19.998	21.245

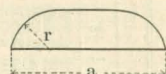
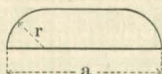
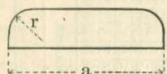
To obtain Face Measure for any thickness, subtract from Over-all Measure the Increment given in table below for corresponding thickness.

Thickness, B. W. G. and Inches															
No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	1/8	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
.0475	.0545	.0600	.0670	.0740	.0825	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4
Increment, Inches															

CARNEGIE STEEL COMPANY

WEIGHTS OF ROUND BEVEL EDGE

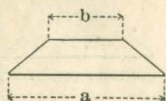
Pounds per Lineal Foot



Width, a Inches	Radius, r Inches	Thickness, Inches													
		$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	1
.2	$\frac{1}{8}$	.296	.376	.455	.535	.615									
	$\frac{1}{16}$	.278	.350	.427	.506	.586									
	$\frac{1}{4}$	.265	.330	.398	.470	.546									
.3	$\frac{1}{8}$	.349	.442	.535	.628	.721									
	$\frac{1}{16}$	.331	.417	.506	.599	.692									
	$\frac{1}{4}$	.318	.397	.478	.562	.652									
.4	$\frac{3}{16}$	.384	.483	.586	.692	.799	.905	1.011							
	$\frac{1}{4}$	.371	.463	.558	.656	.759	.865	.971							
	$\frac{5}{16}$	.361	.448	.536	.626	.719	.816	.920							
	$\frac{3}{8}$	.352	.434	.517	.601	.687	.776	.869							
.5	$\frac{3}{16}$	.437	.549	.666	.785	.905	1.024	1.144							
	$\frac{1}{4}$	.425	.529	.636	.747	.865	.984	1.104							
	$\frac{5}{16}$	.415	.514	.615	.718	.825	.936	1.053							
	$\frac{3}{8}$	.405	.501	.597	.694	.794	.896	1.002							
.6	$\frac{3}{16}$	.491	.616	.746	.878	1.011	1.144	1.277	1.410	1.542	1.675	1.808	1.941	2.074	
	$\frac{1}{4}$	.478	.596	.717	.842	.971	1.104	1.237	1.370	1.502	1.635	1.768	1.901	2.034	
	$\frac{5}{16}$	.467	.580	.695	.812	.932	1.056	1.186	1.318	1.451	1.584	1.717	1.850	1.982	
	$\frac{3}{8}$	.458	.567	.676	.787	.900	1.015	1.135	1.259	1.389	1.521	1.654	1.787	1.920	
.7	$\frac{3}{16}$	.544	.683	.825	.971	1.117	1.263	1.410	1.556	1.702	1.848	1.994	2.140	2.286	
	$\frac{1}{4}$	.531	.663	.797	.934	1.077	1.224	1.370	1.516	1.662	1.808	1.954	2.100	2.246	
	$\frac{5}{16}$	.520	.647	.775	.905	1.038	1.175	1.318	1.464	1.610	1.756	1.903	2.049	2.195	
	$\frac{3}{8}$	.510	.633	.756	.880	1.006	1.135	1.268	1.405	1.548	1.694	1.840	1.986	2.132	
.8	$\frac{3}{16}$			.905	1.064	1.224	1.383	1.542	1.702	1.861	2.020	2.180	2.339	2.499	
	$\frac{1}{4}$			.876	1.028	1.184	1.343	1.502	1.662	1.821	1.981	2.140	2.299	2.459	
	$\frac{5}{16}$			.854	.998	1.144	1.294	1.451	1.610	1.770	1.929	2.089	2.248	2.407	
	$\frac{3}{8}$			.836	.973	1.112	1.254	1.400	1.551	1.707	1.867	2.026	2.185	2.345	
.9	$\frac{1}{4}$					1.396	1.582	1.768	1.954	2.140	2.326	2.512	2.698	2.884	
	$\frac{5}{16}$					1.357	1.535	1.717	1.903	2.089	2.275	2.461	2.647	2.833	
	$\frac{3}{8}$					1.325	1.494	1.666	1.843	2.026	2.212	2.398	2.584	2.770	
	$\frac{7}{16}$					1.298	1.460	1.624	1.792	1.964	2.141	2.324	2.510	2.696	
	$\frac{1}{2}$					1.273	1.430	1.587	1.748	1.912	2.079	2.250	2.431	2.610	

WEIGHTS OF BEVEL SECTIONS

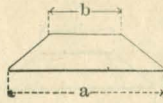
WEIGHTS OF BEVEL EDGE Pounds per Lineal Foot



Dimensions		Thickness B. W. G. and Inches																	
a	b	No. 16	No. 15	No. 14	No. 13	No. 12	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{2}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{13}{32}$	$\frac{7}{16}$	
8	$\frac{5}{16}$	.104	.115	.132	.151	.174	.150	.199	.249	.299									
	$\frac{3}{8}$	.111	.122	.141	.162	.185	.159	.213	.266	.319									
	$\frac{7}{16}$	.117	.130	.150	.172	.197	.169	.226	.282	.339									
	$\frac{1}{2}$	.124	.138	.159	.182	.209	.179	.239	.299	.359									
10	$\frac{5}{16}$	.111	.122	.141	.162	.185	.159	.213	.266	.319									
	$\frac{3}{8}$	.117	.130	.150	.172	.197	.169	.226	.282	.339									
	$\frac{7}{16}$	.124	.138	.159	.182	.209	.179	.239	.299	.359									
	$\frac{1}{2}$	.131	.145	.168	.192	.220	.189	.252	.315	.379									
12	$\frac{5}{16}$	.138	.153	.176	.202	.232	.199	.266	.332	.398									
	$\frac{3}{8}$			.159	.182	.209	.179	.239	.299	.359	.418	.478							
	$\frac{7}{16}$			.168	.192	.220	.189	.252	.315	.379	.442	.505							
	$\frac{1}{2}$			.176	.202	.232	.199	.266	.332	.398	.465	.531							
14	$\frac{5}{16}$			.185	.212	.243	.209	.279	.349	.418	.488	.558							
	$\frac{3}{8}$			.194	.222	.255	.219	.292	.365	.438	.511	.584							
	$\frac{7}{16}$			.168	.192	.220	.189	.252	.315	.379	.442	.505							
	$\frac{1}{2}$			.176	.202	.232	.199	.266	.332	.398	.465	.531							
16	$\frac{5}{16}$			.185	.212	.243	.209	.279	.349	.418	.488	.558							
	$\frac{3}{8}$			.194	.222	.255	.219	.292	.365	.438	.511	.584							
	$\frac{7}{16}$			.203	.232	.266	.229	.305	.382	.458	.535	.611	.687	.764					
	$\frac{1}{2}$			.212	.242	.278	.239	.319	.398	.478	.558	.638	.717	.797					
18	$\frac{5}{16}$			.220	.252	.290	.249	.332	.415	.498	.581	.664	.747	.830					
	$\frac{3}{8}$			.229	.262	.301	.259	.345	.432	.518	.604	.691	.777	.863					
	$\frac{7}{16}$			.194	.222	.255	.219	.292	.365	.438	.511	.584	.657	.731					
	$\frac{1}{2}$			.203	.232	.266	.229	.305	.382	.458	.535	.611	.687	.764					
20	$\frac{5}{16}$			.212	.242	.278	.239	.319	.398	.478	.558	.638	.717	.797					
	$\frac{3}{8}$			.220	.252	.290	.249	.332	.415	.498	.581	.664	.747	.830					
	$\frac{7}{16}$			.229	.262	.301	.259	.345	.432	.518	.604	.691	.777	.863					
	$\frac{1}{2}$			.238	.273	.313	.269	.359	.448	.538	.628	.717	.807	.896					
22	$\frac{5}{16}$			.247	.283	.324	.279	.372	.465	.558	.651	.744	.837	.930					
	$\frac{3}{8}$			.212	.242	.278	.239	.319	.398	.478	.558	.638	.717	.797	.877	.956	1.036	1.116	
	$\frac{7}{16}$			.220	.252	.290	.249	.332	.415	.498	.581	.664	.747	.830	.913	.996	1.079	1.162	
	$\frac{1}{2}$			.229	.262	.301	.259	.345	.432	.518	.604	.691	.777	.863	.950	1.036	1.122	1.209	
24	$\frac{5}{16}$			.238	.273	.313	.269	.359	.448	.538	.628	.717	.807	.896	.986	1.076	1.165	1.255	
	$\frac{3}{8}$			.247	.283	.324	.279	.372	.465	.558	.651	.744	.837	.930	1.023	1.116	1.209	1.302	
	$\frac{7}{16}$			.256	.293	.336	.289	.385	.481	.578	.674	.770	.867	.963	1.059	1.155	1.252	1.348	
	$\frac{1}{2}$			.265	.303	.348	.299	.398	.498	.598	.697	.797	.896	.996	1.096	1.195	1.295	1.395	

CARNEGIE STEEL COMPANY

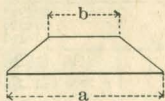
WEIGHTS OF BEVEL EDGE—Continued
Pounds per Lineal Foot



Dimensions		Thickness, B. W. G. and Inches															
a	b	No. 13	No. 12	$\frac{1}{8}$	$\frac{3}{32}$	$\frac{1}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{13}{32}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	
1	$\frac{1}{16}$	.273	.313	.359	.448	.538	.628	.717	.807	.896	.986	1.076	1.165	1.255		
	$\frac{3}{16}$	.283	.324	.372	.465	.558	.651	.744	.837	.930	1.023	1.116	1.209	1.302		
	$\frac{1}{4}$	.293	.336	.385	.481	.578	.674	.770	.867	.963	1.059	1.155	1.252	1.348		
	$\frac{5}{16}$	.303	.348	.398	.498	.598	.697	.797	.896	.996	1.096	1.195	1.295	1.395		
	$\frac{3}{8}$	.313	.359	.412	.515	.618	.721	.823	.926	1.029	1.132	1.235	1.338	1.441		
	$\frac{7}{16}$	.323	.371	.425	.531	.638	.744	.850	.956	1.063	1.169	1.275	1.381	1.488		
	$\frac{1}{2}$	.333	.382	.438	.548	.657	.767	.877	.986	1.096	1.205	1.315	1.424	1.534		
	1	.343	.394	.452	.564	.677	.790	.903	1.016	1.129	1.242	1.355	1.468	1.580			
	$\frac{1}{16}$	$\frac{1}{16}$.303	.348	.398	.498	.598	.697	.797	.896	.996	1.096	1.195	1.295	1.395		
	$\frac{3}{16}$	$\frac{3}{16}$.313	.359	.412	.515	.618	.721	.823	.926	1.029	1.132	1.235	1.338	1.441		
1 1/2	$\frac{1}{4}$	.323	.371	.425	.531	.638	.744	.850	.956	1.063	1.169	1.275	1.381	1.488		
	$\frac{5}{16}$	.333	.382	.438	.548	.657	.767	.877	.986	1.096	1.205	1.315	1.424	1.534		
	$\frac{3}{8}$	.343	.394	.452	.564	.677	.790	.903	1.016	1.129	1.242	1.355	1.468	1.580		
	$\frac{7}{16}$	.353	.405	.465	.581	.697	.813	.930	1.046	1.162	1.278	1.395	1.511	1.627		
	1	.363	.417	.478	.598	.717	.837	.956	1.076	1.195	1.315	1.434	1.554	1.673			
	$1\frac{1}{16}$	.373	.429	.491	.614	.737	.860	.983	1.106	1.229	1.351	1.474	1.597	1.720		
	$\frac{1}{16}$	$\frac{3}{8}$.333	.382	.438	.548	.657	.767	.877	.986	1.096	1.205	1.315	1.424	1.534		
	$\frac{3}{8}$	$\frac{1}{4}$.343	.394	.452	.564	.677	.790	.903	1.016	1.129	1.242	1.355	1.468	1.580		
	$\frac{5}{8}$	$\frac{3}{8}$.353	.405	.465	.581	.697	.813	.930	1.046	1.162	1.278	1.395	1.511	1.627		
	$\frac{7}{8}$	$\frac{1}{2}$.363	.417	.478	.598	.717	.837	.956	1.076	1.195	1.315	1.434	1.554	1.673		
1 3/4	$\frac{1}{16}$	.373	.429	.491	.614	.737	.860	.983	1.106	1.229	1.351	1.474	1.597	1.720		
	1	.384	.440	.505	.631	.757	.883	1.009	1.136	1.262	1.388	1.514	1.640	1.766			
	$1\frac{1}{16}$	.394	.452	.518	.647	.777	.906	1.036	1.165	1.295	1.424	1.554	1.683	1.813		
	$1\frac{1}{8}$	.404	.463	.531	.664	.797	.930	1.063	1.195	1.328	1.461	1.594	1.727	1.859		
	$\frac{1}{8}$	$\frac{3}{8}$.363	.417	.478	.598	.717	.837	.956	1.076	1.195	1.315	1.434	1.554	1.673	1.793	1.913
	$\frac{3}{8}$	$\frac{1}{2}$.384	.440	.505	.631	.757	.883	1.009	1.136	1.262	1.388	1.514	1.640	1.766	1.893	2.019
	1	$\frac{1}{2}$.404	.463	.531	.664	.797	.930	1.063	1.195	1.328	1.461	1.594	1.727	1.859	1.992	2.125
	$1\frac{1}{8}$	$\frac{3}{4}$.424	.486	.558	.697	.837	.976	1.116	1.255	1.395	1.534	1.673	1.813	1.952	2.092	2.231
	$1\frac{1}{4}$	$\frac{3}{4}$.444	.510	.584	.730	.877	1.023	1.169	1.315	1.461	1.607	1.753	1.899	2.045	2.191	2.338
	$\frac{1}{4}$	$\frac{7}{8}$.424	.486	.558	.697	.837	.976	1.116	1.255	1.395	1.534	1.673	1.813	1.952	2.092	2.231
2	1	.444	.510	.584	.730	.877	1.023	1.169	1.315	1.461	1.607	1.753	1.899	2.045	2.191	2.338	
	$1\frac{1}{8}$	.464	.533	.611	.764	.916	1.069	1.222	1.375	1.527	1.680	1.833	1.986	2.138	2.291	2.444
	$1\frac{1}{4}$	.485	.566	.638	.797	.956	1.116	1.275	1.434	1.594	1.753	1.913	2.072	2.231	2.391	2.550
	$1\frac{3}{8}$	.505	.579	.664	.830	.997	1.162	1.328	1.494	1.660	1.826	1.992	2.158	2.324	2.490	2.656
	$1\frac{1}{2}$	.525	.602	.691	.863	1.036	1.209	1.381	1.554	1.727	1.899	2.072	2.245	2.417	2.590	2.763
	1	.485	.556	.638	.797	.956	1.116	1.275	1.434	1.594	1.753	1.913	2.072	2.231	2.391	2.550	
	$1\frac{1}{8}$	.505	.579	.664	.830	.996	1.162	1.328	1.494	1.660	1.826	1.992	2.158	2.324	2.490	2.656
	$1\frac{1}{4}$	.525	.602	.691	.863	1.036	1.209	1.381	1.554	1.727	1.899	2.072	2.245	2.417	2.590	2.763
	$1\frac{3}{8}$	.545	.625	.717	.896	1.076	1.255	1.434	1.614	1.793	1.972	2.152	2.331	2.510	2.689	2.869
	$1\frac{1}{2}$	.565	.649	.744	.930	1.116	1.302	1.488	1.673	1.859	2.045	2.231	2.417	2.603	2.789	2.975
$1\frac{3}{4}$	.585	.672	.770	.963	1.155	1.348	1.541	1.733	1.926	2.118	2.311	2.504	2.696	2.889	3.081	
$2\frac{1}{4}$	.606	.695	.797	.996	1.195	1.395	1.594	1.793	1.992	2.191	2.391	2.590	2.789	2.988	3.188	

WEIGHTS OF BEVEL SECTIONS

WEIGHTS OF BEVEL EDGE—Concluded
Pounds per Lineal Foot



Dimensions		Thickness, B. W. G. and Inches										
a	b	No. 13	No. 12	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{2}$	$\frac{9}{32}$	$\frac{5}{16}$	$\frac{3}{4}$	$\frac{7}{8}$
2 $\frac{1}{2}$	1	.525	.602	.691	.863	1.036	1.209	1.381	1.554	1.727	1.899	2.072
	1 $\frac{1}{8}$	.545	.625	.717	.896	1.076	1.255	1.434	1.614	1.793	1.972	2.152
	1 $\frac{1}{4}$	.565	.649	.744	.930	1.166	1.302	1.488	1.673	1.859	2.045	2.231
	1 $\frac{3}{8}$	.585	.672	.770	.963	1.155	1.348	1.541	1.733	1.926	2.118	2.311
	1 $\frac{1}{2}$	.606	.695	.797	.996	1.195	1.395	1.594	1.793	1.992	2.191	2.391
	1 $\frac{5}{8}$	.626	.718	.823	1.029	1.235	1.441	1.647	1.853	2.059	2.264	2.470
	1 $\frac{3}{4}$	.646	.741	.850	1.063	1.275	1.488	1.700	1.913	2.125	2.338	2.550
	1 $\frac{7}{8}$	.666	.764	.877	1.096	1.315	1.534	1.753	1.972	2.191	2.411	2.630
	2	.686	.788	.903	1.129	1.355	1.580	1.806	2.032	2.258	2.484	2.709
	2 $\frac{1}{8}$	.707	.811	.930	1.162	1.395	1.627	1.859	2.092	2.324	2.557	2.789
2 $\frac{1}{2}$	2	.727	.834	.956	1.195	1.434	1.673	1.913	2.152	2.391	2.630	2.869
	2 $\frac{1}{8}$	.747	.857	.983	1.229	1.474	1.720	1.966	2.211	2.457	2.703	2.948
	1 $\frac{1}{4}$	.626	.718	.823	1.029	1.235	1.441	1.647	1.853	2.059	2.264	2.470
	1 $\frac{3}{8}$	.646	.741	.850	1.063	1.275	1.488	1.700	1.913	2.125	2.338	2.550
	1 $\frac{1}{2}$	.666	.764	.877	1.096	1.315	1.534	1.753	1.972	2.191	2.411	2.630
	1 $\frac{3}{4}$	.686	.788	.903	1.129	1.355	1.580	1.806	2.032	2.258	2.484	2.709
	1 $\frac{5}{8}$	.707	.811	.930	1.162	1.395	1.627	1.859	2.092	2.324	2.557	2.789
	1 $\frac{3}{4}$	.727	.834	.956	1.195	1.434	1.673	1.913	2.152	2.391	2.630	2.869
	2	.747	.857	.983	1.229	1.474	1.720	1.966	2.211	2.457	2.703	2.948
	2 $\frac{1}{8}$	.767	.880	1.009	1.262	1.514	1.766	2.019	2.271	2.523	2.776	3.028
2 $\frac{1}{2}$	2 $\frac{1}{4}$	.787	.903	1.036	1.295	1.554	1.813	2.072	2.331	2.590	2.849	3.108
	1 $\frac{1}{2}$	.727	.834	.956	1.195	1.434	1.673	1.913	2.152	2.391	2.630	2.869
	1 $\frac{3}{8}$	.747	.857	.983	1.229	1.474	1.720	1.966	2.211	2.457	2.703	2.948
	1 $\frac{1}{4}$	.767	.880	1.009	1.262	1.514	1.766	2.019	2.271	2.523	2.776	3.028
	1 $\frac{3}{4}$	.787	.903	1.036	1.295	1.554	1.813	2.072	2.331	2.590	2.849	3.108
	2	.808	.927	1.063	1.328	1.594	1.859	2.125	2.391	2.656	2.922	3.188
	2 $\frac{1}{8}$	.828	.950	1.089	1.361	1.634	1.906	2.178	2.450	2.723	2.995	3.267
	2 $\frac{1}{4}$	.848	.973	1.116	1.395	1.673	1.952	2.231	2.510	2.789	3.068	3.347
	2 $\frac{3}{8}$	.868	.996	1.142	1.428	1.713	1.999	2.284	2.570	2.855	3.141	3.427
	2 $\frac{1}{2}$	.888	1.019	1.169	1.461	1.753	2.045	2.338	2.630	2.922	3.214	3.506
3	2 $\frac{3}{4}$	.908	1.042	1.195	1.494	1.793	2.092	2.391	2.689	2.988	3.287	3.586

WEIGHTS OF OVALS
Pounds per Lineal Foot

Width, Inches	Thickness, Inches																	
	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{2}$	$\frac{3}{16}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$		
$\frac{3}{8}$	.081	.109	.137	.167	.198	.230											
$\frac{7}{16}$	.087	.117	.148	.180	.213	.247											
$\frac{1}{2}$	.094	.126	.159	.193	.228	.264											
$\frac{5}{8}$	.101	.135	.170	.206	.243	.280	.319	.359									
$\frac{3}{4}$	.107	.143	.180	.218	.257	.297	.338	.380	.424	.470							
1		.152	.191	.231	.272	.314	.357	.401	.447	.494								
$1\frac{1}{8}$		.161	.202	.244	.287	.331	.376	.422	.470	.519	.569	.621					
$1\frac{1}{4}$		.170	.213	.257	.302	.348	.396	.443	.492	.543	.596	.648					
$1\frac{3}{8}$		.179	.224	.270	.317	.365	.414	.464	.515	.568	.622	.677	.734	.792			
$1\frac{1}{2}$			.250	.298	.348	.399	.453	.507	.562	.618	.665	.724	.795	.857			
$1\frac{3}{4}$			.268	.319	.371	.425	.482	.550	.608	.668	.729	.792	.856	.921	.988	1.056	
2				.349	.409	.469	.530	.593	.655	.719	.784	.851	.918	.987	1.058	1.130		
$2\frac{1}{8}$					.504	.569	.635	.702	.770	.839	.909	.981	1.054	1.128	1.203	1.280	1.358
$2\frac{1}{4}$						.539	.608	.679	.750	.822	.896	.969	1.044	1.121	1.199	1.278	1.358
$2\frac{3}{8}$							.574	.648	.722	.797	.873	.950	1.029	1.108	1.188	1.270	1.353
$2\frac{1}{2}$										.977	1.062	1.149	1.236	1.324	1.413	1.504	1.596
$2\frac{7}{8}$											1.082	1.176	1.270	1.365	1.461	1.558	1.657	
3																		1.756
$3\frac{1}{8}$																		1.857
$3\frac{1}{4}$																		1.958
$3\frac{3}{8}$																		2.061
$3\frac{1}{2}$																		2.165
$3\frac{3}{4}$																		2.275
4																		2.482
$4\frac{1}{8}$																		2.708

WEIGHTS OF BLUNT OVALS
Pounds per Lineal Foot

Width, Inches	Thickness, Inches					
	$\frac{1}{8}$	$\frac{3}{32}$	$\frac{1}{4}$	$\frac{5}{32}$	$\frac{3}{8}$	$\frac{1}{2}$
$\frac{3}{8}$	.125	.156	.188			
$\frac{7}{16}$	.146	.182	.219	.256		
$\frac{1}{2}$	.167	.208	.250	.292	.334	.376
$\frac{5}{8}$	.188	.236	.282	.329	.376	.423
$\frac{3}{4}$	.209	.260	.313	.365	.417	.469
1						.521
$1\frac{1}{8}$						.618

The weights given in above tables are theoretical, see page 228, the weights of the rolled oval sections are in excess of the theoretical weights

WEIGHTS OF HALF OVAL SECTIONS

WEIGHTS OF HALF OVALS Pounds per Lineal Foot

Width, Inches	Thickness, B. W. G. and Inches												
	No. 15	No. 14	No. 13	No. 12	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	
$\frac{1}{8}$	.063	.073	.085	.099	.084	.115	.150						
$\frac{1}{16}$	.073	.085	.098	.113	.096	.132	.170	.211	.283				
$\frac{3}{16}$		.096	.111	.128	.109	.149	.191	.235	.310	.365			
$\frac{1}{4}$		.108	.124	.143	.122	.166	.211	.259	.339	.396	.457		
$\frac{5}{16}$		.119	.137	.158	.135	.183	.232	.284	.367	.428	.492		
$\frac{3}{8}$		.131	.150	.173	.148	.200	.254	.309	.396	.460	.527	.599	
$\frac{7}{16}$		.143	.164	.188	.161	.217	.275	.334	.425	.494	.564	.639	.760
$\frac{1}{2}$				.204	.174	.235	.297	.359	.455	.527	.602	.679	.804
$\frac{5}{8}$				.219	.188	.252	.318	.385	.485	.560	.638	.720	.848
$\frac{3}{4}$				.234	.201	.269	.339	.411	.514	.594	.676	.761	.888
1				.249	.214	.287	.361	.437	.554	.642	.732	.828	.938
$1\frac{1}{8}$					.322	.405	.489	.574	.702	.801	.898	.998	1.037
$1\frac{1}{4}$					.357	.448	.541	.635	.771	.876	.982	1.090	1.136
$1\frac{3}{8}$					.392	.492	.593	.696	.843	.958	1.013	1.123	1.236

Width, Inches	Thickness, Inches												
	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
$\frac{1}{8}$	.427	.536	.645	.756	.869	.983	1.099	1.217	1.337	1.459	1.584	1.711	1.843
$\frac{3}{16}$			.698	.817	.938	1.061	1.185	1.311	1.439	1.569	1.701	1.836	1.974
$\frac{1}{4}$					1.008	1.138	1.271	1.405	1.541	1.679	1.819	1.962	2.108
$\frac{5}{16}$					1.077	1.216	1.357	1.500	1.644	1.790	1.938	2.088	2.242
2					1.147	1.295	1.444	1.595	1.747	1.901	2.058	2.216	2.376
$2\frac{1}{8}$					1.288	1.452	1.618	1.786	1.955	2.125	2.297	2.471	2.648
$2\frac{1}{4}$					1.428	1.610	1.793	1.977	2.163	2.350	2.539	2.730	2.922
$2\frac{3}{8}$							1.968	2.169	2.371	2.575	2.781	2.989	3.198
3							2.144	2.363	2.582	2.803	3.025	3.249	3.475
$3\frac{1}{8}$							2.319	2.555	2.792	3.030	3.269	3.510	3.752
$3\frac{1}{4}$							2.495	2.748	3.002	3.257	3.514	3.772	4.031
$3\frac{3}{8}$							2.671	2.941	3.213	3.486	3.759	4.034	4.310
4								3.424	3.714	4.005	4.296	4.589	4.881

The weights given in above tables are theoretical, see page 228; the weights of the rolled half oval sections are in excess of the theoretical weights.

CARNEGIE STEEL COMPANY

WEIGHTS OF SQUARE BARS
Pounds Per Lineal Foot

Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot
1/8	.0531								
1/4	.0672	1 1/8	3.616	2 1/8	26.300	5 1/8	105.20	9 1/8	279.2
3/8	.0830	1 1/4	3.838	2 1/4	26.895	5 1/4	107.58	9 1/4	283.1
1/2	.1004	1 3/8	4.067	2 3/8	27.496	5 3/8	109.98	9 3/8	287.0
5/8	.1195	1 1/2	4.303	2 1/2	28.103	5 1/2	112.41	9 1/2	290.9
3/4	.1403	1 5/8	4.546	2 5/8	28.717	5 5/8	114.87	9 5/8	294.9
7/8	.1627	1 3/4	4.795	2 3/4	29.338	5 3/4	117.35	9 3/4	298.8
1	.1868	1 7/8	5.050	2 7/8	29.966	5 7/8	119.86	9 7/8	302.8
1 1/8	.2125	2	5.313	3	30.600	6	122.40	9 1/2	306.8
1 1/4	.2399	1 1/8	5.581	3 1/8	31.241	6 1/8	124.96	9 5/8	310.9
1 1/2	.2689	1 1/4	5.857	3 1/4	31.888	6 1/4	127.55	9 3/4	315.0
1 3/4	.2997	1 3/8	6.139	3 3/8	32.542	6 3/8	130.17	9 1/4	319.1
1 7/8	.3320	1 1/2	6.428	3 1/2	33.203	6 1/2	132.81	9 3/8	323.2
2	.3661	1 5/8	6.724	3 5/8	33.871	6 5/8	135.48	9 1/2	327.4
2 1/8	.4018	1 3/4	7.026	3 3/4	34.545	6 3/4	138.18	9 3/4	331.6
2 1/4	.4391	1 7/8	7.335	3 7/8	35.225	6 7/8	140.90	9 1/4	335.8
2 3/8	.4781	2	7.650	4	35.913	6 1/2	143.65	10	340.0
2 1/2	.5188	2 1/8	7.972	4 1/8	36.606	6 5/8	146.43	10 1/8	344.3
2 3/4	.5611	1 3/4	8.301	4 1/4	37.307	6 3/4	149.23	10 1/4	348.5
2 7/8	.6051	1 7/8	8.636	4 3/8	38.014	6 1/2	152.06	10 1/2	352.9
3	.6508	1 5/8	8.978	4 1/2	38.728	6 1/4	154.91	10 3/4	357.2
3 1/8	.6981	1 3/4	9.327	4 3/4	39.449	6 1/2	157.79	10 1/2	361.6
3 1/4	.7471	1 7/8	9.682	4 1/2	40.176	6 3/4	160.70	10 3/4	366.0
3 3/8	.7977	2	10.044	4 3/4	40.910	6 1/2	163.64	10 1/2	370.4
3 1/2	.8500	2 1/8	10.413	4 1/2	41.650	7	166.60	10 3/4	374.9
3 3/4	.9040	2 1/4	10.788	4 3/4	43.151	7 1/8	169.59	10 1/2	379.3
3 7/8	.9596	2 1/4	11.170	4 3/8	44.678	7 1/4	172.60	10 3/4	383.8
4	1.0168	2 3/8	11.558	4 1/2	46.232	7 1/2	175.64	10 1/2	388.4
4 1/8	1.0758	2 1/2	11.953	4 3/4	47.813	7 3/4	178.71	10 3/4	392.9
4 1/4	1.1364	2 3/4	12.355	4 1/2	49.420	7 1/2	181.81	10 1/2	397.5
4 3/8	1.1986	2 3/4	12.763	4 3/4	51.053	7 3/4	184.93	10 3/4	402.1
4 1/2	1.2625	2 7/8	13.178	4 1/2	52.713	7 1/2	188.08	10 1/2	406.7
4 3/4	1.3281	3	13.600	4 3/4	54.400	7 3/4	191.25	11	411.4
4 7/8	1.3954	2 1/8	14.028	4 1/2	56.113	7 1/2	194.45	11 1/8	416.1
5	1.4643	2 1/4	14.463	4 3/4	57.853	7 3/4	197.68	11 1/4	420.8
5 1/8	1.5348	2 3/8	14.905	4 1/2	59.620	7 1/2	200.93	11 1/2	425.5
5 1/4	1.6070	2 1/2	15.353	4 3/4	61.413	7 3/4	204.21	11 3/4	430.3
5 3/8	1.6809	2 3/4	15.808	4 1/2	63.232	7 1/2	207.52	11 1/2	435.1
5 1/2	1.7564	2 3/4	16.270	4 3/4	65.078	7 3/4	210.85	11 3/4	439.9
5 3/4	1.8336	2 7/8	16.738	4 1/2	66.951	7 1/2	214.21	11 1/2	444.8
5 7/8	1.9125	3	17.213	4 3/4	68.850	8	217.60	11 3/4	449.6
6	1.9930	2 1/8	17.694	4 1/2	70.776	8 1/8	221.01	11 1/2	454.6
6 1/8	2.0752	2 1/4	18.182	4 3/4	72.728	8 1/4	224.45	11 3/4	459.5
6 1/4	2.1590	2 3/8	18.677	4 1/2	74.707	8 1/2	227.92	11 1/2	464.4
6 3/8	2.2445	2 1/2	19.178	4 3/4	76.713	8 3/4	231.41	11 3/4	469.4
6 1/2	2.3317	2 3/4	19.686	4 1/2	78.745	8 1/2	234.93	11 1/2	474.4
6 3/4	2.4205	2 3/4	20.201	4 3/4	80.803	8 3/8	238.48	11 3/4	479.5
6 7/8	2.5110	2 7/8	20.722	4 1/2	82.888	8 1/2	242.05	11 1/2	484.5
7	2.6031	3	21.250	5	85.000	8 1/2	245.65	.....	.....
7 1/8	2.6969	2 1/8	21.785	5 1/8	87.138	8 3/8	249.28	.....	.....
7 1/4	2.7924	2 1/4	22.326	5 1/4	89.303	8 1/2	252.93	.....	.....
7 3/8	2.8895	2 3/8	22.874	5 1/4	91.495	8 3/4	256.61	.....	.....
7 1/2	2.9883	2 1/2	23.428	5 1/4	93.713	8 1/2	260.31	.....	.....
7 3/4	3.0887	2 3/4	23.989	5 1/2	95.957	8 3/4	264.04	.....	.....
7 7/8	3.1908	2 3/4	24.557	5 3/8	98.228	8 1/2	267.80	.....	.....
8	3.2946	2 7/8	25.131	5 1/2	100.526	8 3/4	271.59	.....	.....
1	3.4000	2 3/4	25.713	5 1/2	102.850	9	275.40	.....	.....

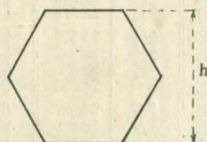
WEIGHTS OF BARS

WEIGHTS OF ROUND BARS
Pounds Per Lineal Foot

Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot
1/8	.0417								
1/4	.0528	1 1/32	2.8399	2 1/8	20.656	5 1/8	82.62	9 1/4	219.3
3/8	.0632	1 1/16	3.0146	2 1/4	21.123	5 3/8	84.49	9 1/8	222.4
1/2	.0789	1 3/32	3.1945	2 3/8	21.595	5 1/2	86.38	9 3/16	225.4
5/8	.0939	1 1/8	3.3797	2 1/2	22.072	5 3/4	88.29	9 1/2	228.5
3/4	.1102	1 5/32	3.5700	2 5/8	22.555	5 7/8	90.22	9 5/8	231.6
7/8	.1278	1 3/16	3.7656	2 3/4	23.042	5 5/8	92.17	9 3/8	234.7
1 1/8	.1467	1 1/4	3.9664	2 7/8	23.535	5 1/2	94.14	9 1/4	237.8
1 1/4	.1669	1 1/2	4.1724	3	24.033	6	96.13	9 1/2	241.0
1 1/2	.1884	1 5/8	4.3836	3 1/32	24.537	6 1/8	98.15	9 3/8	244.2
1 3/4	.2112	1 3/4	4.6001	3 1/16	25.045	6 1/4	100.18	9 5/8	247.4
2	.2354	1 7/8	4.8218	3 3/32	25.559	6 3/8	102.24	9 3/4	250.6
2 1/4	.2608	1 5/8	5.0486	3 1/8	26.078	6 1/2	104.31	9 1/2	253.9
2 1/2	.2875	1 3/4	5.2807	3 5/32	26.602	6 3/4	106.41	9 3/4	257.1
2 3/4	.3155	1 7/8	5.5180	3 3/16	27.131	6 5/8	108.53	9 5/8	260.4
3	.3449	1 7/8	5.7606	3 1/4	27.666	6 3/4	110.66	9 3/4	263.7
3 1/8	.3755	1 1/2	6.0083	3 1/4	28.206	6 1/2	112.82	10	267.0
3 1/4	.4075	1 1/2	6.2612	3 5/32	28.751	6 3/4	115.00	10 1/16	270.4
3 1/2	.4407	1 3/4	6.5194	3 1/2	29.301	6 5/8	117.20	10 1/8	273.8
3 3/4	.4753	1 3/4	6.7828	3 3/4	29.856	6 3/4	119.43	10 3/16	277.1
4	.5111	1 3/8	7.0514	3 3/8	30.417	6 3/4	121.67	10 1/4	280.6
4 1/8	.5483	1 3/8	7.3252	3 1/2	30.983	6 1/2	123.93	10 3/16	284.0
4 1/4	.5867	1 1/2	7.6043	3 1/4	31.554	6 7/8	126.22	10 3/8	287.4
4 1/2	.6265	1 1/2	7.8885	3 1/2	32.130	6 1/2	128.52	10 5/16	290.9
4 3/4	.6676	1 1/2	8.1780	3 1/2	32.712	7	130.85	10 1/2	294.4
5	.7100	1 3/4	8.4726	3 3/8	33.291	7 1/8	133.19	10 3/8	297.9
5 1/8	.7536	1 3/4	8.7725	3 3/8	35.090	7 1/8	135.56	10 5/8	301.5
5 1/4	.7986	1 3/4	9.0776	3 1/2	36.311	7 3/8	137.95	10 3/4	305.0
5 1/2	.8449	1 3/8	9.3880	3 3/4	37.552	7 1/4	140.36	10 3/4	308.6
5 3/4	.8925	1 3/8	9.7035	3 3/4	38.814	7 3/8	142.79	10 1/2	312.2
6	.9414	1 3/8	10.0243	3 3/8	40.097	7 3/8	145.24	10 7/8	315.8
6 1/8	.9916	1 3/8	10.3502	3 1/2	41.401	7 1/2	147.71	10 3/4	319.5
6 1/4	1.0431	2	10.6814	4	42.726	7 1/2	150.21	11	323.1
6 1/2	1.0959	2 1/32	11.0178	4 1/16	44.071	7 3/8	152.72	11 1/16	326.8
6 3/4	1.1500	2 1/16	11.3595	4 1/8	45.438	7 3/8	155.26	11 1/8	330.5
7	1.2054	2 1/8	11.7063	4 1/4	46.825	7 1/2	157.81	11 3/16	334.2
7 1/8	1.2622	2 1/8	12.0583	4 1/4	48.233	7 3/4	160.39	11 1/4	337.9
7 1/4	1.3202	2 3/32	12.4156	4 3/8	49.662	7 1/2	162.99	11 3/8	341.7
7 1/2	1.3795	2 3/16	12.7781	4 3/8	51.112	7 3/8	165.60	11 3/8	345.5
7 3/4	1.4401	2 3/8	13.1458	4 1/2	52.583	7 1/2	168.24	11 1/2	349.3
8	1.5024	2 1/4	13.5187	4 1/2	54.075	8	170.90	11 1/2	353.1
8 1/8	1.5653	2 1/4	13.8968	4 3/8	55.587	8 1/8	173.58	11 3/8	357.0
8 1/4	1.6299	2 1/4	14.2802	4 3/8	57.121	8 1/8	176.29	11 5/8	360.9
8 1/2	1.6957	2 1/4	14.6687	4 1/2	58.675	8 3/8	179.01	11 1/2	364.8
8 3/4	1.7629	2 3/8	15.0625	4 3/4	60.250	8 1/4	181.75	11 3/4	368.7
9	1.8313	2 3/4	15.4615	4 3/4	61.846	8 3/8	184.52	11 3/4	372.6
9 1/8	1.9011	2 3/4	15.8657	4 3/4	63.463	8 3/8	187.30	11 7/8	376.6
9 1/4	1.9721	2 3/4	16.2751	4 1/2	65.100	8 3/4	190.11	11 3/4	380.5
9 1/2	2.0445	2 1/2	16.6898	5	66.759	8 1/2	192.93	.....	.....
9 3/4	2.1182	2 1/2	17.1096	5 1/16	68.438	8 3/4	195.78	.....	.....
10	2.1931	2 1/2	17.5346	5 1/8	70.139	8 3/4	198.65	.....	.....
10 1/8	2.2694	2 1/2	17.9650	5 1/8	71.860	8 3/4	201.54	.....	.....
10 1/4	2.3470	2 3/8	18.4004	5 1/4	73.602	8 3/4	204.45	.....	.....
10 1/2	2.4259	2 3/4	18.841C	5 3/8	75.364	8 1/2	207.38	.....	.....
10 3/4	2.5061	2 3/4	19.2870	5 3/8	77.148	8 3/8	210.33	.....	.....
11	2.5876	2 3/4	19.7382	5 1/2	78.953	8 1/2	213.31	.....	.....
11 1/8	2.6704	2 3/4	20.1946	5 1/2	80.778	9	216.30	.....	.....

CARNEGIE STEEL COMPANY

WEIGHTS OF HEXAGON BARS
Pounds Per Lineal Foot



Size, h, Inches	Pounds per Foot	Size, h, Inches	Pounds per Foot	Size, h, Inches	Pounds per Foot
$\frac{1}{8}$	.0460				
$\frac{5}{32}$	.0719	$1\frac{1}{32}$	3.131	$2\frac{5}{16}$	15.746
$\frac{3}{16}$	.1035	$1\frac{1}{16}$	3.324	$2\frac{1}{2}$	16.609
$\frac{7}{32}$	.1409	$1\frac{3}{16}$	3.522	$2\frac{7}{16}$	17.494
$\frac{1}{4}$	.1840	$1\frac{1}{4}$	3.727	$2\frac{1}{2}$	18.403
$\frac{9}{32}$	.2329	$1\frac{5}{16}$	3.937	$2\frac{9}{16}$	19.335
$\frac{5}{16}$	.2875	$1\frac{3}{8}$	4.152	$2\frac{3}{8}$	20.289
$\frac{11}{32}$	.3479	$1\frac{7}{16}$	4.374	$2\frac{11}{16}$	21.267
$\frac{3}{8}$	.4141	$1\frac{1}{2}$	4.601	$2\frac{3}{4}$	22.268
$\frac{13}{32}$	.4860	$1\frac{9}{16}$	4.834	$2\frac{13}{16}$	23.291
$\frac{7}{16}$	.5636	$1\frac{5}{8}$	5.072	$2\frac{7}{8}$	24.338
$\frac{15}{32}$	.6470	$1\frac{11}{16}$	5.317	$2\frac{15}{16}$	25.408
$\frac{1}{2}$	.7361	$1\frac{3}{4}$	5.567	3	26.500
$\frac{17}{32}$	.8310	$1\frac{13}{16}$	5.823	$3\frac{1}{8}$	27.616
$\frac{9}{16}$	.9316	$1\frac{7}{8}$	6.085	$3\frac{1}{4}$	28.755
$\frac{19}{32}$	1.0380	$1\frac{15}{16}$	6.352	$3\frac{3}{8}$	29.916
$\frac{5}{8}$	1.1502	$1\frac{1}{2}$	6.625	$3\frac{1}{2}$	31.101
$\frac{21}{32}$	1.2681	$1\frac{5}{8}$	7.189	$3\frac{5}{8}$	32.309
$\frac{11}{16}$	1.3917	$1\frac{3}{4}$	7.775	$3\frac{7}{8}$	33.540
$\frac{23}{32}$	1.5211	$1\frac{13}{16}$	8.385	$3\frac{9}{8}$	34.793
$\frac{3}{4}$	1.6563	$1\frac{7}{8}$	9.018	$3\frac{1}{2}$	36.070
$\frac{25}{32}$	1.7972	$1\frac{15}{16}$	9.673	$3\frac{3}{4}$	37.370
$\frac{13}{16}$	1.9438	$1\frac{7}{8}$	10.352	$3\frac{1}{2}$	38.692
$\frac{27}{32}$	2.0962	$1\frac{17}{16}$	11.053	$3\frac{5}{4}$	40.038
$\frac{7}{8}$	2.2544	2	11.778	$3\frac{3}{4}$	41.407
$\frac{29}{32}$	2.4183	$2\frac{1}{16}$	12.525	$3\frac{7}{8}$	42.799
$\frac{15}{16}$	2.5879	$2\frac{1}{8}$	13.296	$3\frac{1}{2}$	44.213
$\frac{31}{32}$	2.7633	$2\frac{3}{16}$	14.089	$3\frac{15}{16}$	45.651
1	2.9445	$2\frac{1}{4}$	14.907	4	47.112

GAGES

BIRMINGHAM WIRE GAGE
 Equivalents in Inches and Corresponding Weights of
 Flat Rolled Steel

Gage Number	Thickness, Inches	Weight, per Sq. Foot, Pounds	Thickness		Weight, per Sq. Foot, Pounds
			Fractional, Inches	Decimal, Inches	
.....	.....	.....	$\frac{1}{2}$	.5	20.4
0000	.454	18.5232	$\frac{11}{16}$	.46875	19.125
000	.425	17.34	$\frac{7}{16}$	.4375	17.85
.....	.....	.....	$\frac{3}{4}$	.40625	16.575
00	.380	15.504	$\frac{5}{8}$	.375	15.3
0	.340	13.872	$\frac{11}{16}$	.34375	14.025
.....	.....	.....	$\frac{1}{2}$	.3125	12.75
1	.300	12.24	$\frac{11}{16}$	.296875	12.1125
2	.284	11.5572	$\frac{3}{8}$	.28125	11.475
3	.259	10.5672	$\frac{11}{16}$	.265625	10.8375
.....	.....	.....	$\frac{1}{2}$	.25	10.2
4	.238	9.7104	$\frac{11}{16}$	.234375	9.5625
5	.220	8.976	$\frac{3}{8}$	.21875	8.925
6	.203	8.2824	$\frac{11}{16}$	.203125	8.2875
7	.180	7.344	$\frac{1}{2}$	.1875	7.65
8	.165	6.732	$\frac{11}{16}$	.171875	7.0125
9	.148	6.0384	$\frac{3}{8}$	.15625	6.375
10	.134	5.4672	$\frac{3}{8}$	.140625	5.7375
11	.120	4.896	$\frac{1}{2}$	.125	5.1
12	.109	4.4472	$\frac{7}{16}$	.109375	4.4625
13	.095	3.876	$\frac{3}{8}$	.09375	3.825
14	.083	3.3864	$\frac{11}{16}$	.078125	3.1875
15	.072	2.9376	.....	.....	.....
16	.065	2.652	$\frac{1}{2}$	.0625	2.55
17	.058	2.3664	.....	.....	.....
18	.049	1.9992	$\frac{3}{8}$	.046875	1.9125
19	.042	1.7136	.....	.....	.....
20	.035	1.428	.....	.....	.....
21	.032	1.3056	$\frac{1}{2}$	.03125	1.275
22	.028	1.1424	.....	.....	.....
23	.025	1.02	.....	.....	.....
24	.022	0.8976	.....	.....	.....
25	.020	0.816	.....	.....	.....
26	.018	0.7344	.....	.....	.....
27	.016	0.6528	$\frac{1}{4}$	.015625	0.6375
28	.014	0.5712	.....	.....	.....
29	.013	0.5304	.....	.....	.....
30	.012	0.4896	.....	.....	.....
31	.010	0.408	.....	.....	.....
32	.009	0.3672	.....	.....	.....
33	.008	0.3264	$\frac{1}{2}$	.0078125	0.31875
34	.007	0.2856	.....	.....	.....
35	.005	0.2040	.....	.....	.....
36	.004	0.1632	$\frac{1}{2}$	.00390625	0.159375

Unless otherwise specified, all orders for flat rolled steel in gages will be executed by Carnegie Steel Company to Birmingham Wire Gage.

CARNEGIE STEEL COMPANY

UNITED STATES STANDARD GAGE

For
Sheet and Plate Iron and Steel

Gage Number	Approximate Thickness			Weight per Square Foot Ounces, Av.	Weight per Square Foot Pounds, Av.	Weight per Sq. Meter, Kilograms
	Fractional Inches	Decimal Inches	Millimeters			
000000	$\frac{3}{16}$	.5	12.7	320	20.00	97.65
000000	$\frac{1}{8}$	.46875	11.90625	300	18.75	91.55
00000	$\frac{7}{16}$	.4375	11.1125	280	17.50	85.44
0000	$\frac{3}{8}$	.40625	10.31875	260	16.25	79.33
000	$\frac{1}{4}$	.375	9.525	240	15.00	73.24
00	$\frac{3}{16}$	.34375	8.73125	220	13.75	67.13
0	$\frac{1}{8}$	.3125	7.9375	200	12.50	61.03
1	$\frac{9}{16}$	.28125	7.14375	180	11.25	54.93
2	$\frac{1}{4}$	.265625	6.746875	170	10.625	51.88
3	$\frac{3}{8}$	.25	6.35	160	10.00	48.82
4	$\frac{5}{16}$	.234375	5.953125	150	9.375	45.77
5	$\frac{7}{16}$	.21875	5.55625	140	8.75	42.72
6	$\frac{1}{4}$	.203125	5.159375	130	8.125	39.67
7	$\frac{3}{8}$	.1875	4.7625	120	7.5	36.62
8	$\frac{5}{16}$	.171875	4.365625	110	6.875	33.57
9	$\frac{3}{8}$	.15625	3.96875	100	6.25	30.52
10	$\frac{1}{4}$	.140625	3.571875	90	5.625	27.46
11	$\frac{3}{8}$	.125	3.175	80	5.00	24.41
12	$\frac{5}{16}$	.109375	2.778125	70	4.375	21.36
13	$\frac{3}{8}$	.09375	2.38125	60	3.75	18.31
14	$\frac{1}{4}$	.078125	1.984375	50	3.125	15.26
15	$\frac{3}{8}$	.0703125	1.7859375	45	2.8125	13.73
16	$\frac{1}{8}$	.0625	1.5875	40	2.50	12.21
17	$\frac{3}{8}$	.05625	1.42875	36	2.25	10.99
18	$\frac{1}{4}$	.05	1.27	32	2.00	9.765
19	$\frac{3}{8}$	.04375	1.11125	28	1.75	8.544
20	$\frac{1}{8}$	.0375	.9525	24	1.50	7.324
21	$\frac{3}{8}$	.034375	.873125	22	1.375	6.713
22	$\frac{1}{4}$	.03125	.793750	20	1.25	6.103
23	$\frac{3}{8}$	.028125	.714375	18	1.125	5.493
24	$\frac{1}{8}$	.025	.635	16	1.00	4.882
25	$\frac{3}{8}$	.021875	.555625	14	.875	4.272
26	$\frac{1}{4}$	.01875	.47625	12	.75	3.662
27	$\frac{3}{8}$	.0171875	.4365625	11	.6875	3.357
28	$\frac{1}{8}$	.015625	.396875	10	.625	3.052
29	$\frac{3}{8}$	.0140625	.3571875	9	.5625	2.746
30	$\frac{1}{4}$	.0125	.3175	8	.50	2.441
31	$\frac{3}{8}$	.0109375	.2778125	7	.4375	2.136
32	$\frac{1}{8}$	.01015625	.25796875	6 1/2	.40625	1.983
33	$\frac{3}{8}$	.009375	.238125	6	.375	1.831
34	$\frac{1}{4}$	.00859375	.21828125	5 1/2	.34375	1.678
35	$\frac{3}{8}$	.0073125	.1984375	5	.3125	1.526
36	$\frac{1}{8}$	.00703125	.17859375	4 1/2	.28125	1.373
37	$\frac{3}{8}$	.006640625	.168671875	4 1/4	.265625	1.297
38	$\frac{1}{4}$	.00525	.15875	4	.25	1.221

The United States Standard Gage is a weight gage based upon the weights per square foot, in ounces avoirdupois and approximate thicknesses based upon 480 pounds per cubic foot.

In the practical use and application of the United States Standard Gage, a weight variation of 2 1/2 per cent either way may be allowed.

Unless otherwise specified, all orders for flat rolled steel in gages will be executed by Carnegie Steel Company to Birmingham Wire Gage.

DECIMAL TABLE

DECIMALS OF AN INCH AND OF A FOOT

Fractions of Inch or Foot		Inches equivalent to Fractions of a Ft.	Fractions of Inch or Foot	Inches equivalent to Fractions of a Ft.	Fractions of Inch or Foot	Inches equivalent to Fractions of a Ft.	Fractions of Inch or Foot	Inches equivalent to Fractions of a Ft.
	.0052	$\frac{1}{192}$	.2552	$\frac{3}{116}$	.5052	$\frac{6}{119}$	.7552	$\frac{9}{119}$
	.0104	$\frac{1}{96}$	.2604	$\frac{3}{114}$	.5104	$\frac{6}{117}$	.7604	$\frac{9}{117}$
$\frac{1}{64}$	.015625	$\frac{1}{64}$	.265625	$\frac{3}{112}$	.515625	$\frac{6}{115}$	.765625	$\frac{9}{115}$
	.0208	$\frac{1}{48}$	.2708	$\frac{3}{108}$	.5208	$\frac{6}{113}$	.7708	$\frac{9}{113}$
	.0260	$\frac{1}{38}$	.2760	$\frac{3}{106}$	.5260	$\frac{6}{111}$	.7760	$\frac{9}{111}$
$\frac{1}{32}$	.03125	$\frac{3}{96}$	.28125	$\frac{3}{104}$	.53125	$\frac{6}{109}$	.78125	$\frac{9}{109}$
	.0365	$\frac{1}{27}$	.2865	$\frac{3}{102}$	.5365	$\frac{6}{107}$	.7865	$\frac{9}{107}$
	.0417	$\frac{1}{24}$	.2917	$\frac{3}{100}$	.5417	$\frac{6}{105}$	.7917	$\frac{9}{105}$
$\frac{3}{64}$	.046875	$\frac{3}{64}$	.296875	$\frac{3}{98}$	.546875	$\frac{6}{103}$	.796875	$\frac{9}{103}$
	.0521	$\frac{1}{19}$	.3021	$\frac{3}{96}$	.5521	$\frac{6}{101}$	.8021	$\frac{9}{101}$
	.0573	$\frac{1}{17}$	.3073	$\frac{3}{94}$	.5573	$\frac{6}{99}$	.8073	$\frac{9}{99}$
$\frac{1}{16}$	.0625	$\frac{3}{48}$	.3125	$\frac{3}{92}$	.5625	$\frac{6}{97}$	.8125	$\frac{9}{97}$
	.0677	$\frac{3}{44}$	.3177	$\frac{3}{90}$	.5677	$\frac{6}{95}$	.8177	$\frac{9}{95}$
	.0729	$\frac{3}{40}$	.3229	$\frac{3}{88}$	.5729	$\frac{6}{93}$	.8229	$\frac{9}{93}$
$\frac{5}{64}$	.078125	$\frac{1}{8}$	.328125	$\frac{3}{86}$	.578125	$\frac{6}{91}$	.828125	$\frac{9}{91}$
	.0833	1	.3333	4	.5833	7	.8333	10
	.0885	$\frac{1}{11}$	.3385	$\frac{4}{11}$	.5885	$\frac{7}{11}$	.8385	$\frac{10}{11}$
$\frac{3}{32}$	.09375	$\frac{1}{8}$	.34375	$\frac{4}{11}$	.59375	$\frac{7}{11}$	.84375	$\frac{10}{11}$
	.0990	$\frac{1}{10}$	.3490	$\frac{4}{11}$	.5990	$\frac{7}{11}$	.8490	$\frac{10}{11}$
	.1042	$\frac{1}{10}$	.3542	$\frac{4}{11}$	.6042	$\frac{7}{11}$	.8542	$\frac{10}{11}$
$\frac{7}{64}$	.109375	$\frac{1}{8}$	.359375	$\frac{4}{11}$	.609375	$\frac{7}{11}$	.859375	$\frac{10}{11}$
	.1146	$\frac{1}{8}$	.3646	$\frac{4}{11}$	.6146	$\frac{7}{11}$	.8646	$\frac{10}{11}$
	.1198	$\frac{1}{8}$	.3698	$\frac{4}{11}$	.6198	$\frac{7}{11}$	.8698	$\frac{10}{11}$
$\frac{1}{8}$	.1250	$\frac{1}{8}$	.3750	$\frac{4}{11}$	.6250	$\frac{7}{11}$	.8750	$\frac{10}{11}$
	.1302	$\frac{1}{8}$	.3802	$\frac{4}{11}$	.6302	$\frac{7}{11}$	.8802	$\frac{10}{11}$
	.1354	$\frac{1}{8}$	.3854	$\frac{4}{11}$	.6354	$\frac{7}{11}$	.8854	$\frac{10}{11}$
$\frac{9}{64}$	.140625	$\frac{1}{8}$	.390625	$\frac{4}{11}$	.640625	$\frac{7}{11}$	.890625	$\frac{10}{11}$
	.1458	$\frac{1}{8}$	.3958	$\frac{4}{11}$	.6458	$\frac{7}{11}$	.8958	$\frac{10}{11}$
	.1510	$\frac{1}{8}$	.4010	$\frac{4}{11}$	.6510	$\frac{7}{11}$	.9010	$\frac{10}{11}$
$\frac{5}{32}$	.15625	$\frac{1}{8}$	.40625	$\frac{4}{11}$	.65625	$\frac{7}{11}$	.90625	$\frac{10}{11}$
	.1615	$\frac{1}{8}$	.4115	$\frac{4}{11}$	.6615	$\frac{7}{11}$	.9115	$\frac{10}{11}$
	.1667	2	.4167	5	.6667	8	.9167	11
$\frac{1}{4}$	.171875	$\frac{2}{16}$	.421875	$\frac{5}{11}$	.671875	$\frac{8}{11}$	.921875	$\frac{11}{11}$
	.1771	$\frac{2}{16}$	.4271	$\frac{5}{11}$	.6771	$\frac{8}{11}$	.9271	$\frac{11}{11}$
	.1823	$\frac{2}{16}$	.4323	$\frac{5}{11}$	.6823	$\frac{8}{11}$	.9323	$\frac{11}{11}$
$\frac{3}{16}$	.1875	$\frac{2}{16}$	.4375	$\frac{5}{11}$	.6875	$\frac{8}{11}$	.9375	$\frac{11}{11}$
	.1927	$\frac{2}{16}$	.4427	$\frac{5}{11}$	.6927	$\frac{8}{11}$	.9427	$\frac{11}{11}$
	.1979	$\frac{2}{16}$	.4479	$\frac{5}{11}$	.6979	$\frac{8}{11}$	.9479	$\frac{11}{11}$
$\frac{1}{4}$	.203125	$\frac{2}{16}$	.453125	$\frac{5}{11}$	.703125	$\frac{8}{11}$	.953125	$\frac{11}{11}$
	.2083	$\frac{2}{16}$	.4583	$\frac{5}{11}$	.7083	$\frac{8}{11}$	.9583	$\frac{11}{11}$
	.2135	$\frac{2}{16}$	.4635	$\frac{5}{11}$	.7135	$\frac{8}{11}$	.9635	$\frac{11}{11}$
$\frac{7}{32}$	.21875	$\frac{2}{16}$	.46875	$\frac{5}{11}$	.71875	$\frac{8}{11}$	.96875	$\frac{11}{11}$
	.2240	$\frac{2}{16}$	.4740	$\frac{5}{11}$	.7240	$\frac{8}{11}$	.9740	$\frac{11}{11}$
	.2292	$\frac{2}{16}$	.4792	$\frac{5}{11}$	.7292	$\frac{8}{11}$	.9792	$\frac{11}{11}$
$\frac{1}{4}$	.234375	$\frac{2}{16}$	.484375	$\frac{5}{11}$	.734375	$\frac{8}{11}$	.984375	$\frac{11}{11}$
	.2396	$\frac{2}{16}$.4896	$\frac{5}{11}$.7396	$\frac{8}{11}$.9896	$\frac{11}{11}$
	.2448	$\frac{2}{16}$.4948	$\frac{5}{11}$.7448	$\frac{8}{11}$.9948	$\frac{11}{11}$
$\frac{1}{2}$.2500	3	.5000	6	.7500	9	1 1.0000	12

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		516	169	769	159	831	164	904	157
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104	81	518	169	770	100	834	185	906	147
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